

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
 Data File : BN004746.D
 Acq On : 14 Mar 2019 00:48
 Operator : JU/SJ
 Sample : K1794-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5N2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	37	41	46	rVB	5584	7057	1.39%	0.079%
2	3.740	124	128	133	rVB2	4091	4831	0.95%	0.054%
3	3.952	161	164	168	rVB	1272	1500	0.30%	0.017%
4	4.781	304	305	308	rBV	683	926	0.18%	0.010%
5	4.840	311	315	321	rBB2	2426	3983	0.79%	0.045%
6	6.887	658	663	673	rBB2	53730	94701	18.67%	1.065%
7	7.058	687	692	699	rBB	47443	72376	14.27%	0.814%
8	7.252	720	725	731	rBB	68185	97940	19.31%	1.101%
9	7.722	799	805	811	rBB	132949	205512	40.52%	2.311%
10	8.422	919	924	931	rBB	68296	104862	20.67%	1.179%
11	8.881	996	1002	1008	rBB	59067	90835	17.91%	1.021%
12	9.234	1059	1062	1065	rBB	2882	3611	0.71%	0.041%
13	9.593	1118	1123	1129	rBB	48318	72645	14.32%	0.817%
14	10.134	1209	1215	1226	rBB	67099	114937	22.66%	1.292%
15	10.504	1271	1278	1285	rBB	196766	314192	61.94%	3.533%
16	10.652	1297	1303	1314	rBV	37539	63216	12.46%	0.711%
17	13.516	1786	1790	1793	rBB	4382	5074	1.00%	0.057%
18	13.769	1828	1833	1838	rBV	151499	199567	39.34%	2.244%
19	13.816	1838	1841	1846	rVB	29591	36886	7.27%	0.415%
20	14.051	1875	1881	1890	rBB	163465	239135	47.14%	2.689%
21	14.363	1928	1934	1940	rBB2	280929	423740	83.54%	4.765%
22	14.598	1969	1974	1985	rBB	9891	20106	3.96%	0.226%
23	15.104	2057	2060	2062	rBB	1443	1073	0.21%	0.012%
24	15.357	2097	2103	2109	rBB	217292	305410	60.21%	3.434%
25	15.481	2120	2124	2129	rBB	26807	32417	6.39%	0.365%
26	15.592	2141	2143	2146	rBB	1057	1088	0.21%	0.012%
27	16.281	2258	2260	2262	rBB	1969	1503	0.30%	0.017%
28	16.998	2379	2382	2386	rBB	5890	6888	1.36%	0.077%
29	17.063	2390	2393	2395	rBV	2593	2850	0.56%	0.032%
30	17.110	2395	2401	2406	rVV	368984	494461	97.48%	5.560%
31	17.151	2406	2408	2410	rVV	4651	4336	0.85%	0.049%
32	17.210	2410	2418	2427	rVV	219644	325667	64.20%	3.662%
33	17.457	2458	2460	2461	rBV	1296	1093	0.22%	0.012%
34	17.481	2461	2464	2471	rVV	10914	16748	3.30%	0.188%

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35	17.586	2477	2482	2485	rBV3	1448	1805	0.36%	0.020%
36	17.728	2503	2506	2510	rBB2	1469	1719	0.34%	0.019%
37	17.763	2510	2512	2514	rBB2	1716	967	0.19%	0.011%
38	17.881	2527	2532	2537	rBV	5234	8258	1.63%	0.093%
39	17.939	2537	2542	2547	rVV	56492	78578	15.49%	0.884%
40	17.998	2547	2552	2576	rVB	194718	295553	58.27%	3.323%
41	18.222	2588	2590	2593	rVB	1196	1057	0.21%	0.012%
42	18.292	2595	2602	2605	rBV5	8033	18118	3.57%	0.204%
43	18.322	2605	2607	2613	rVV	5638	7199	1.42%	0.081%
44	18.422	2621	2624	2629	rBV2	1841	2698	0.53%	0.030%
45	18.481	2630	2634	2640	rVB	18695	21303	4.20%	0.240%
46	18.663	2664	2665	2666	rBV	1656	933	0.18%	0.010%
47	18.698	2666	2671	2685	rVB	48185	86986	17.15%	0.978%
48	18.792	2685	2687	2691	rVB	1074	1180	0.23%	0.013%
49	18.863	2693	2699	2700	rBV	3217	4492	0.89%	0.051%
50	18.886	2700	2703	2706	rVB	16756	16793	3.31%	0.189%
51	18.916	2706	2708	2713	rVB2	3312	3529	0.70%	0.040%
52	18.969	2713	2717	2718	rBV2	1480	1359	0.27%	0.015%
53	19.004	2718	2723	2724	rBV2	10396	13419	2.65%	0.151%
54	19.075	2730	2735	2738	rBV3	11896	23686	4.67%	0.266%
55	19.186	2738	2754	2757	rBV4	93206	322726	63.62%	3.629%
56	19.281	2767	2770	2776	rVB2	59387	89756	17.69%	1.009%
57	19.392	2787	2789	2803	rVB2	27014	47632	9.39%	0.536%
58	19.510	2803	2809	2818	rVB	255048	359920	70.96%	4.047%
59	19.680	2837	2838	2841	rVB3	1149	1138	0.22%	0.013%
60	19.716	2841	2844	2846	rBV3	974	1144	0.23%	0.013%
61	19.739	2846	2848	2852	rVB2	1534	1849	0.36%	0.021%
62	19.892	2871	2874	2878	rVB	8973	10337	2.04%	0.116%
63	20.016	2891	2895	2896	rBV2	8216	9671	1.91%	0.109%
64	20.033	2896	2898	2906	rVB	13509	16904	3.33%	0.190%
65	20.333	2947	2949	2951	rBV2	1074	1002	0.20%	0.011%
66	20.375	2952	2956	2960	rVV	9877	11898	2.35%	0.134%
67	20.433	2964	2966	2971	rVB2	1544	1856	0.37%	0.021%
68	20.533	2979	2983	2987	rVV2	7714	8326	1.64%	0.094%
69	20.722	3011	3015	3017	rBV3	1912	2573	0.51%	0.029%
70	20.786	3023	3026	3028	rVB3	2551	2760	0.54%	0.031%
71	20.898	3042	3045	3050	rBV4	7238	11519	2.27%	0.130%

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72	20.998	3058	3062	3074	rVB	132682	168553	33.23%	1.895%
73	21.210	3094	3098	3101	rVB	5042	5621	1.11%	0.063%
74	21.304	3108	3114	3119	rBV	399045	507249	100.00%	5.704%
75	21.439	3132	3137	3140	rBV	17429	23963	4.72%	0.269%
76	21.474	3141	3143	3147	rVB	7137	7192	1.42%	0.081%
77	21.622	3165	3168	3173	rVB	8247	9566	1.89%	0.108%
78	21.869	3206	3210	3214	rBV	66921	90886	17.92%	1.022%
79	22.333	3285	3289	3294	rBV	38311	49320	9.72%	0.555%
80	22.380	3295	3297	3301	rVB4	7740	9970	1.97%	0.112%
81	22.463	3306	3311	3315	rVB	41802	56199	11.08%	0.632%
82	22.569	3324	3329	3336	rBV	40835	56017	11.04%	0.630%
83	22.839	3369	3375	3380	rBV	112638	169769	33.47%	1.909%
84	22.892	3380	3384	3394	rVB3	32182	67869	13.38%	0.763%
85	23.416	3466	3473	3479	rBV3	171991	323266	63.73%	3.635%
86	23.469	3480	3482	3490	rVB4	13660	21587	4.26%	0.243%
87	23.563	3491	3498	3510	rVB2	242890	457137	90.12%	5.140%
88	23.727	3521	3526	3534	rVB2	43156	75012	14.79%	0.843%
89	24.057	3575	3582	3590	rVB	96789	185360	36.54%	2.084%
90	24.151	3592	3598	3612	rBV	43995	105101	20.72%	1.182%
91	24.804	3703	3709	3718	rBV2	32861	98986	19.51%	1.113%
92	25.263	3780	3787	3794	rBV	38349	85952	16.94%	0.966%
93	25.674	3849	3857	3864	rBV2	54779	145145	28.61%	1.632%
94	25.751	3866	3870	3878	rVV8	22925	63761	12.57%	0.717%
95	25.839	3879	3885	3898	rVV7	24796	76252	15.03%	0.857%
96	25.974	3899	3908	3930	rVB2	98023	307454	60.61%	3.457%
97	26.610	4006	4016	4025	rBV5	95382	287792	56.74%	3.236%
98	27.392	4137	4149	4161	rBV9	56211	249474	49.18%	2.805%
99	27.909	4229	4237	4250	rBV6	23230	80844	15.94%	0.909%
100	28.186	4272	4284	4298	rBV7	62772	246282	48.55%	2.769%

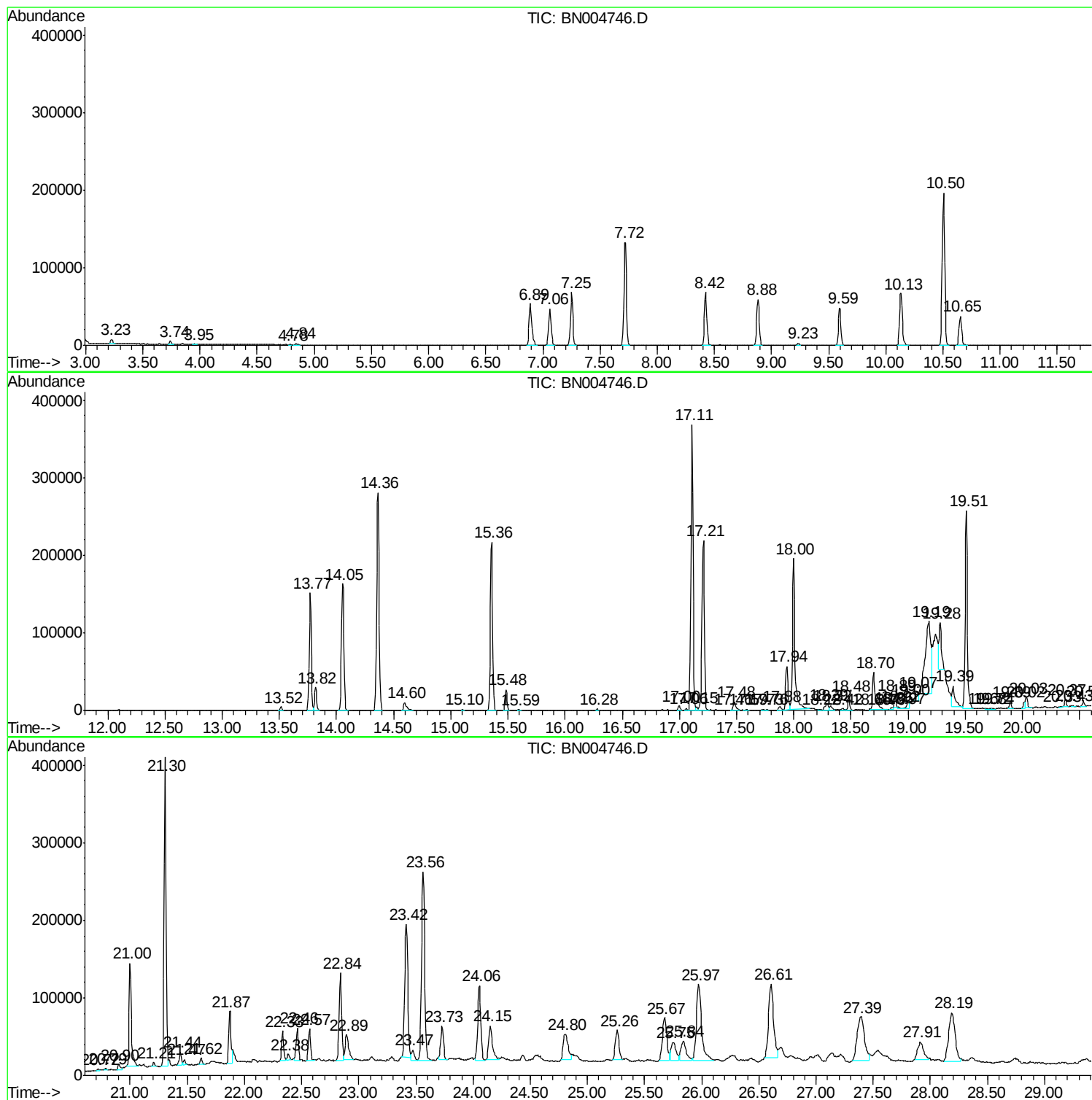
Sum of corrected areas: 8893388

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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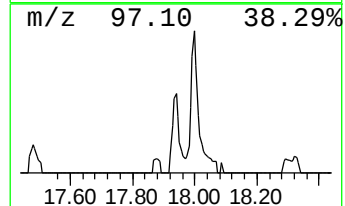
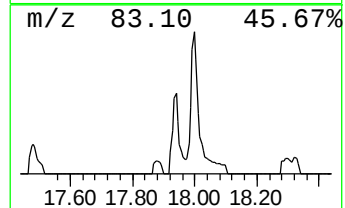
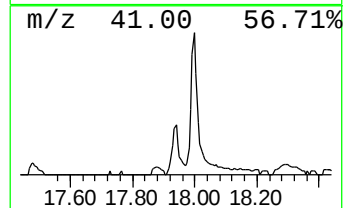
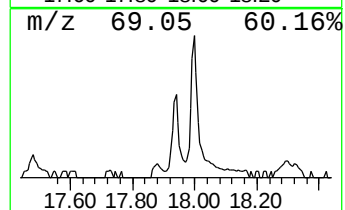
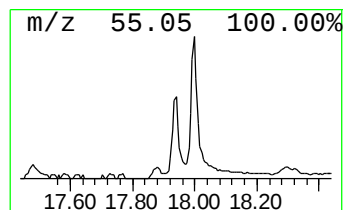
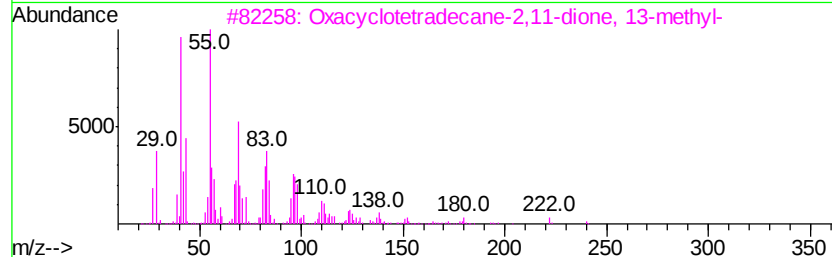
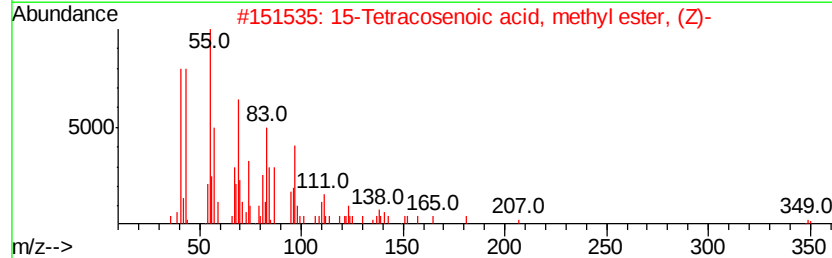
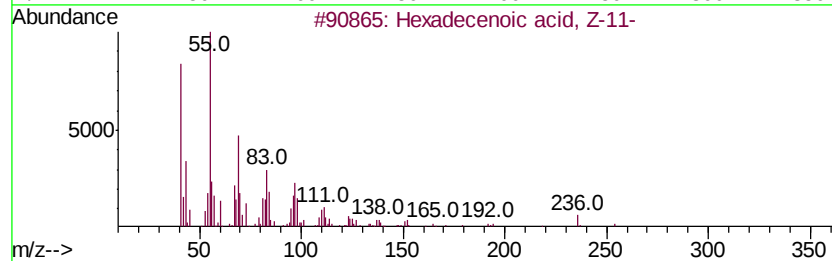
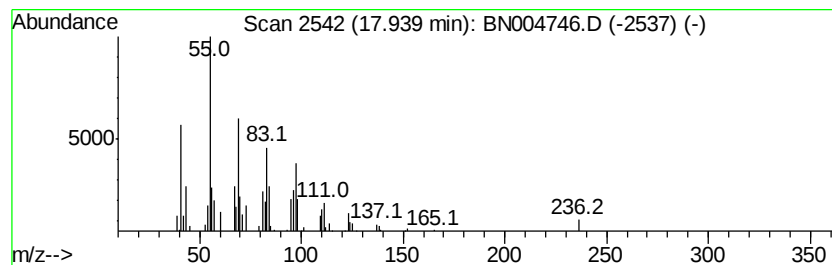
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecenoic acid, Z-11- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.18 ng/ul	78578	Phenanthrene-d10	17.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	62
3		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	58
4		Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	46
5		1-Hexadecanol	242	C16H34O	036653-82-4	43



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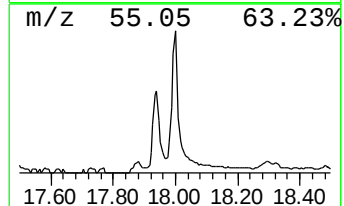
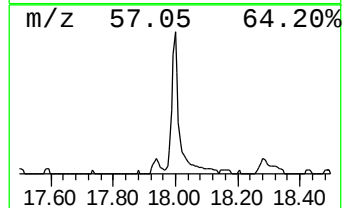
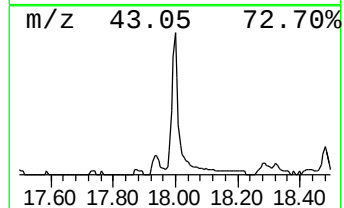
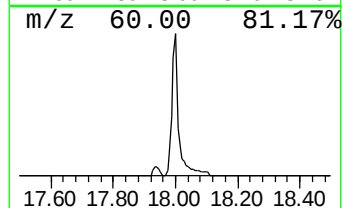
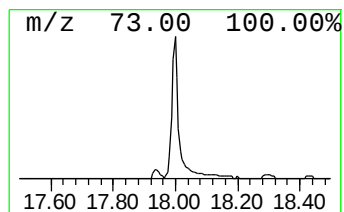
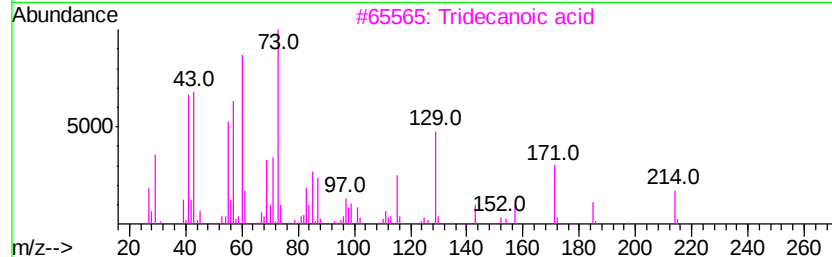
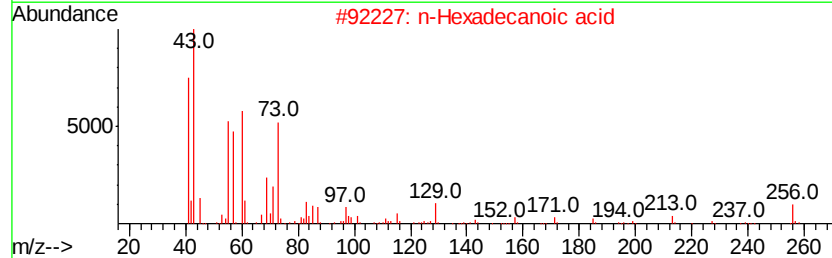
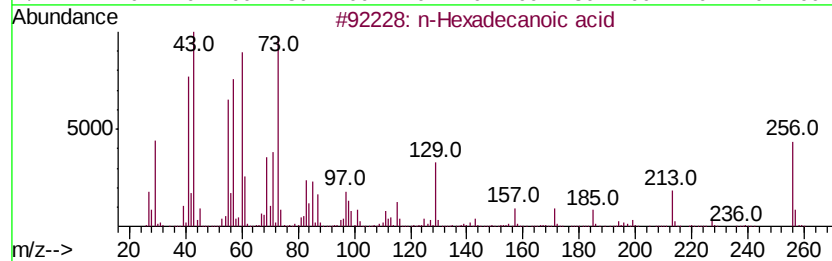
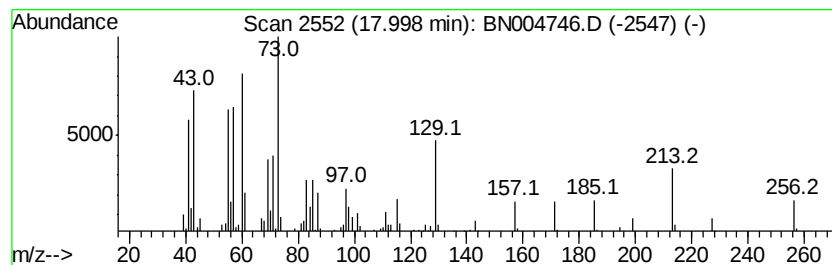
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.95 ng/ul	295553	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	89



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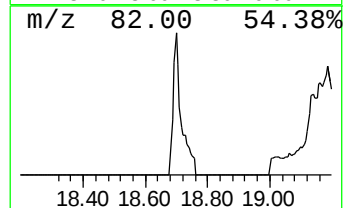
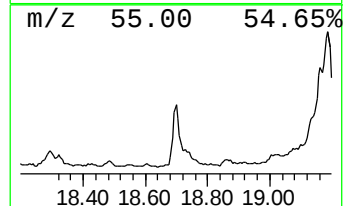
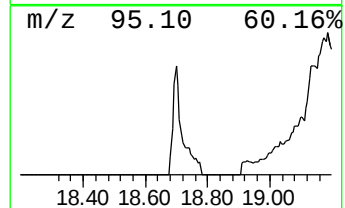
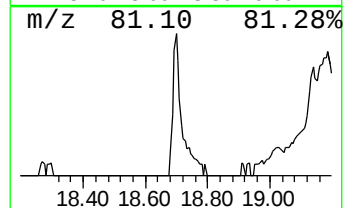
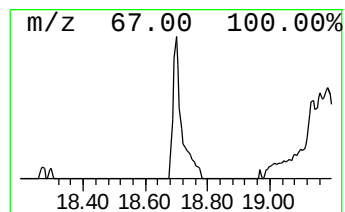
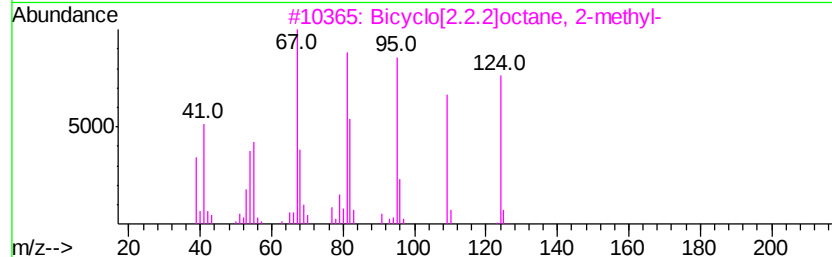
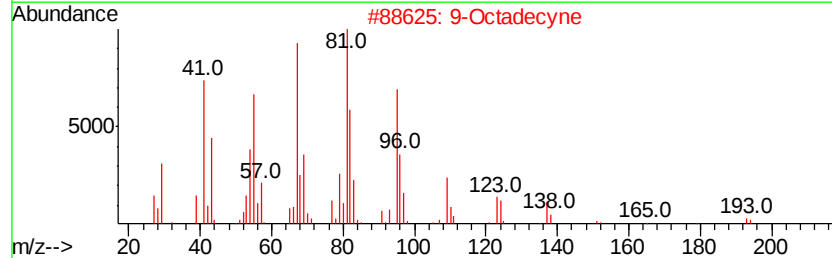
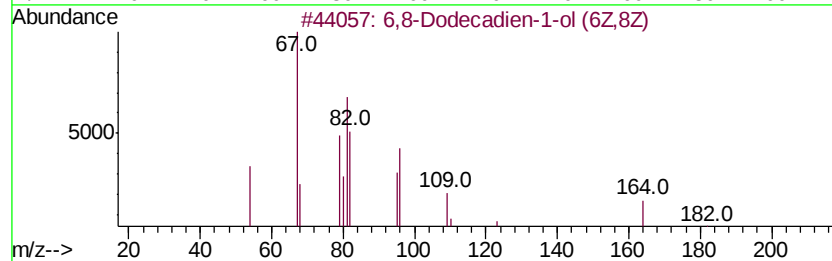
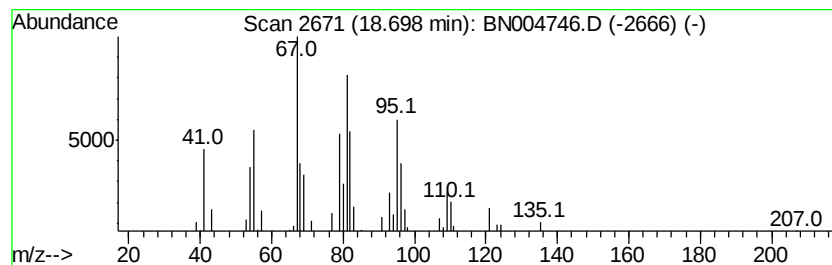
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 6,8-Dodecadien-1-ol (6Z,8Z) Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.52 ng/ul	86986	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,8-Dodecadien-1-ol (6Z,8Z)	182	C12H22O	1000222-02-6	80
2		9-Octadecyne	250	C18H34	035365-59-4	72
3		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	68
4		8-Hexadecyne	222	C16H30	019781-86-3	64
5		cis-7-Dodecen-1-yl acetate	226	C14H26O2	014959-86-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
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Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
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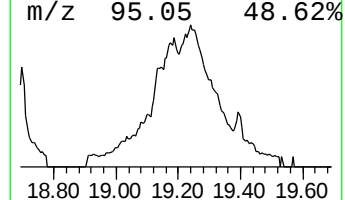
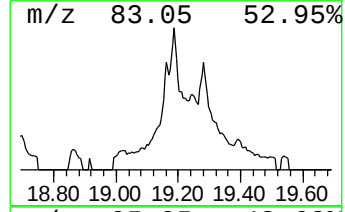
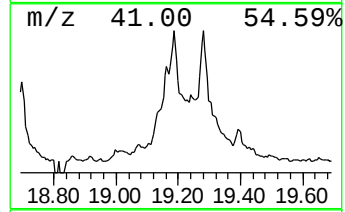
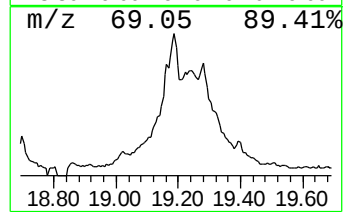
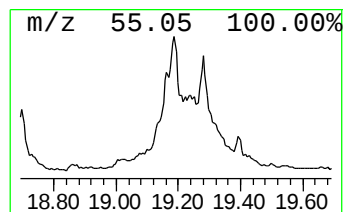
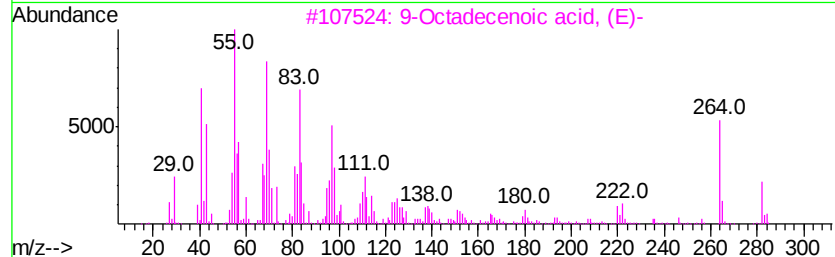
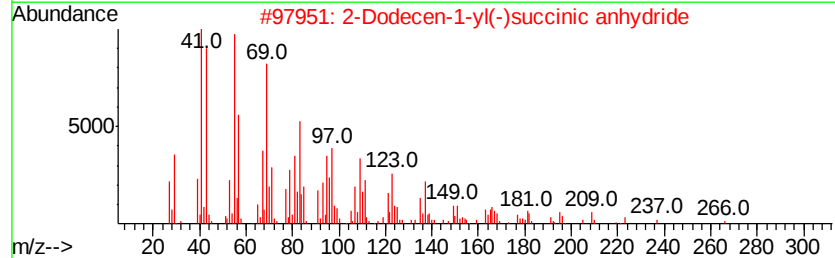
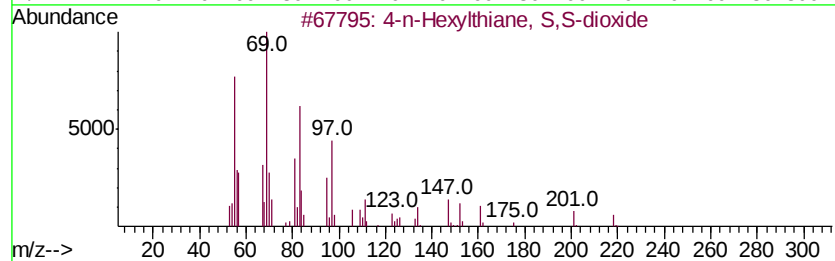
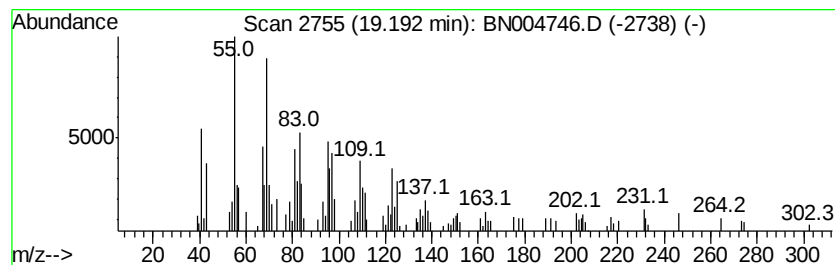
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4-n-Hexylthiane, S,S-dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.19	13.05 ng/ul	322726	Phenanthrene-d10	17.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	64	
2	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	58	
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	45	
4	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	43	
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
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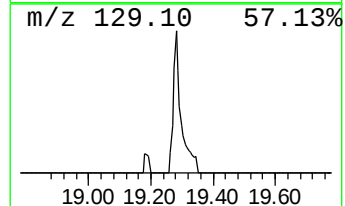
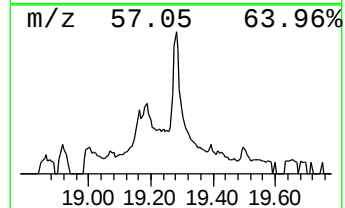
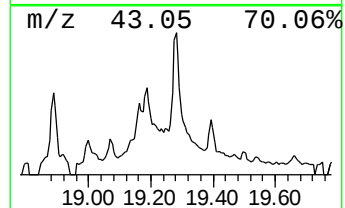
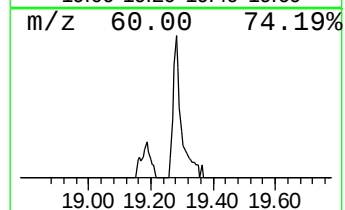
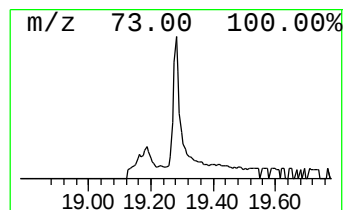
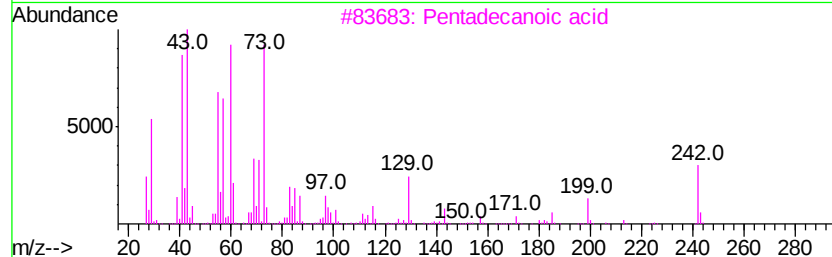
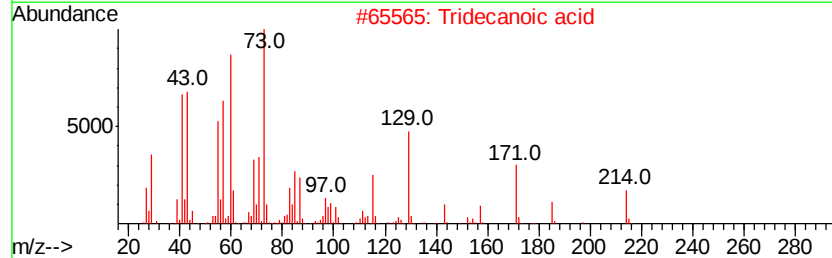
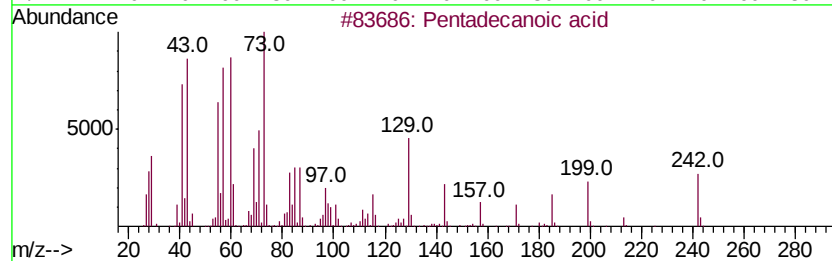
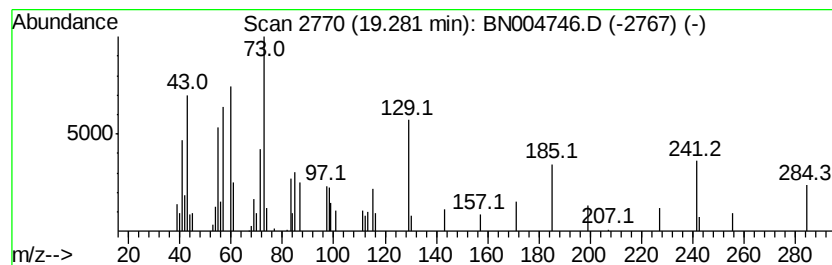
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	3.54 ng/ul	89756	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
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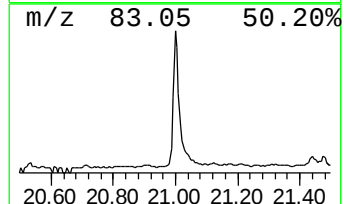
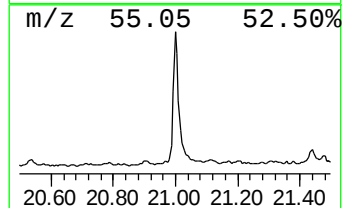
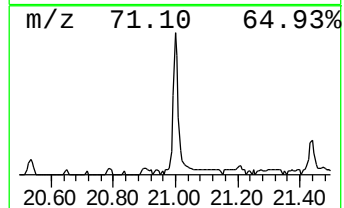
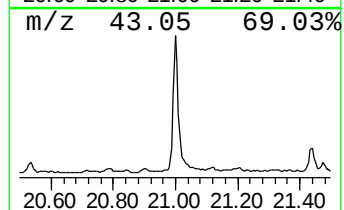
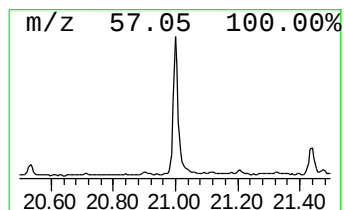
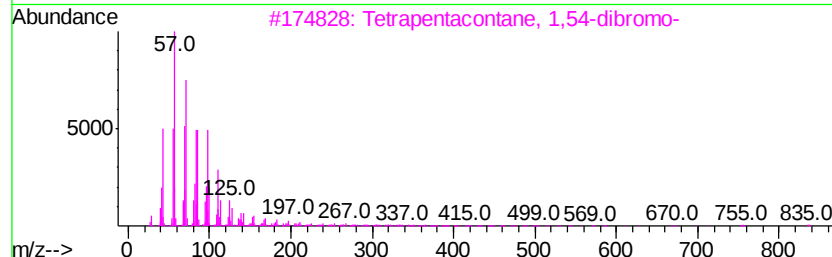
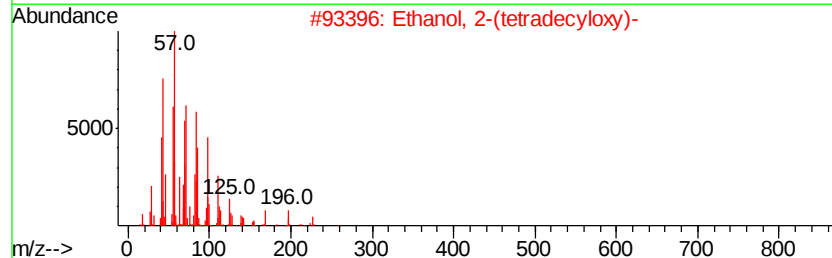
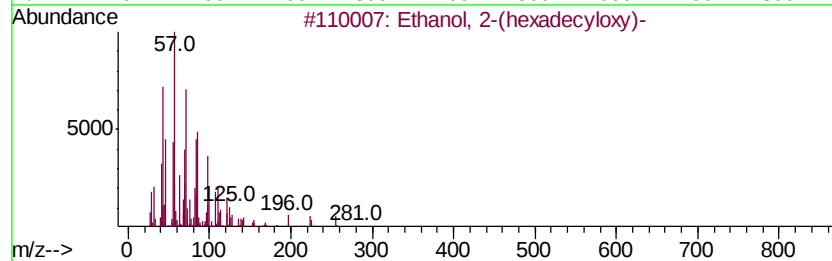
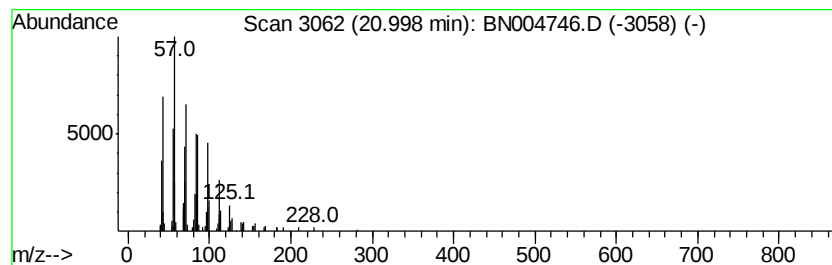
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanol, 2-(hexadecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	6.65 ng/ul	168553	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	86
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
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Misc :
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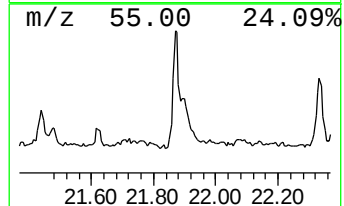
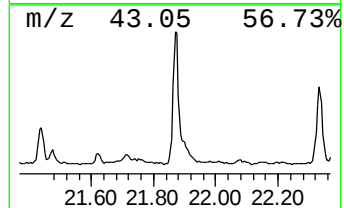
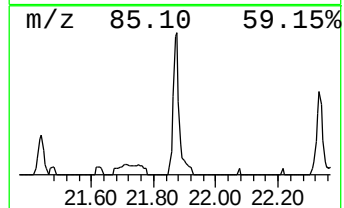
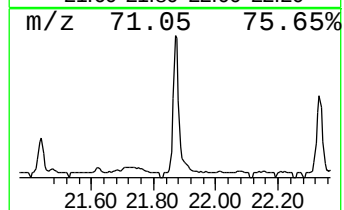
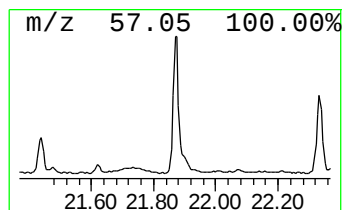
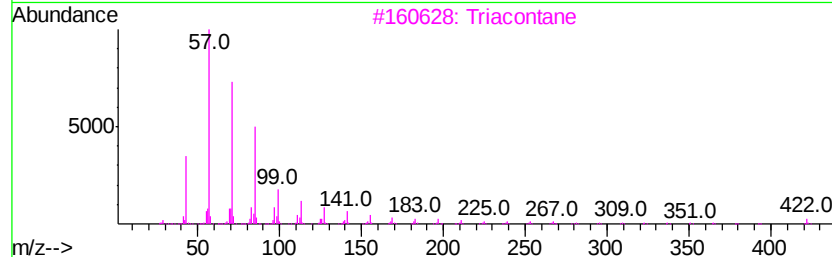
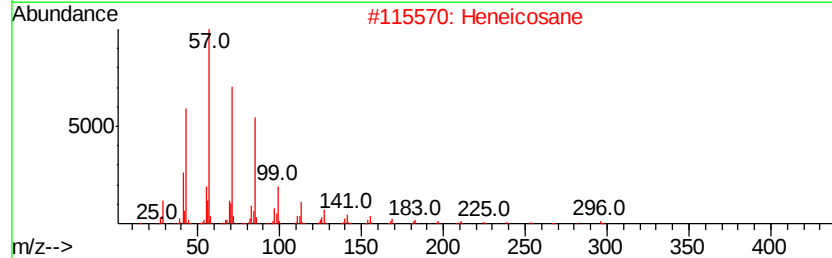
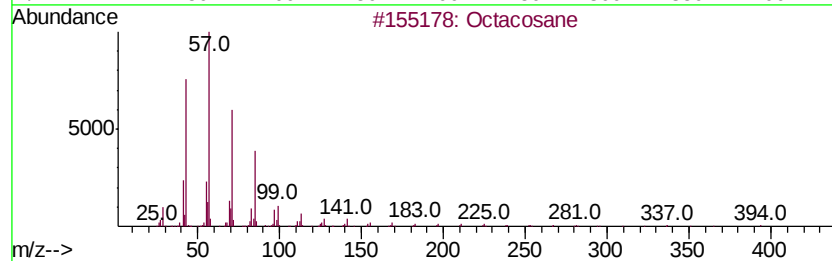
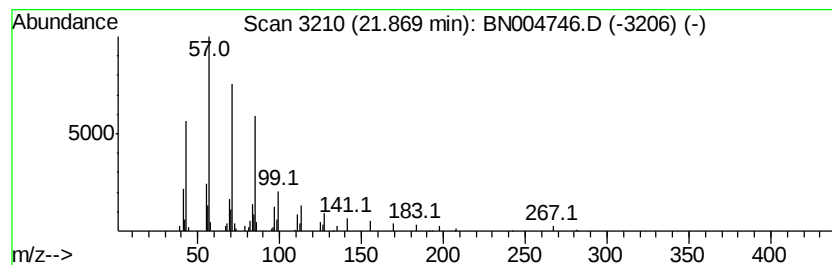
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.58 ng/ul	90886	Chrysene-d12	21.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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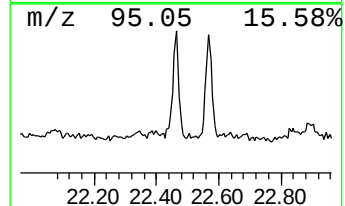
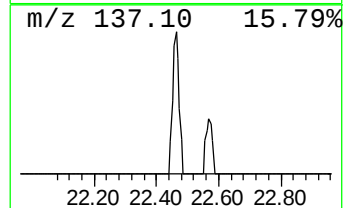
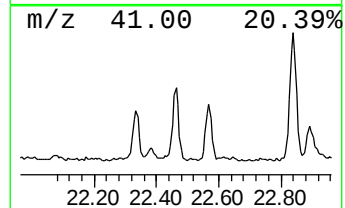
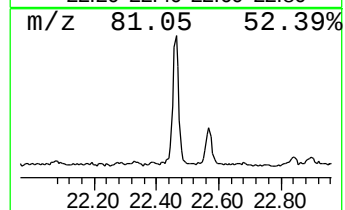
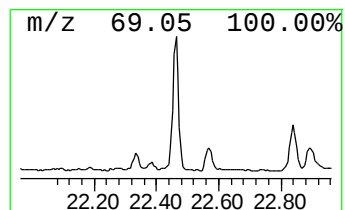
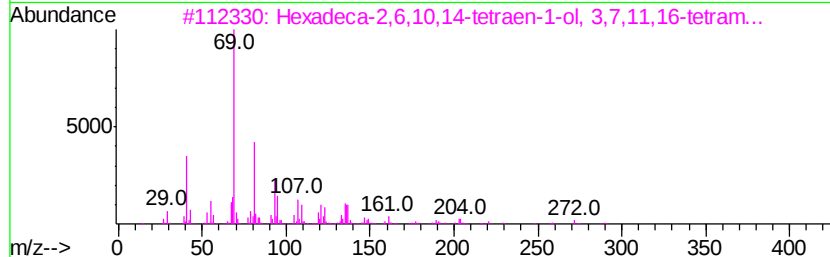
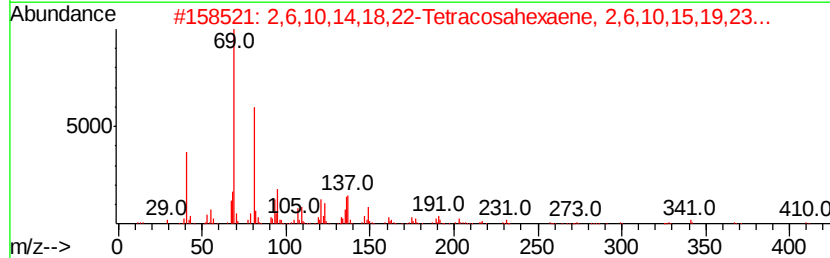
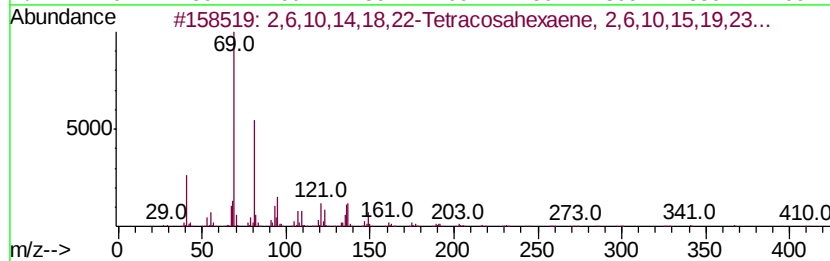
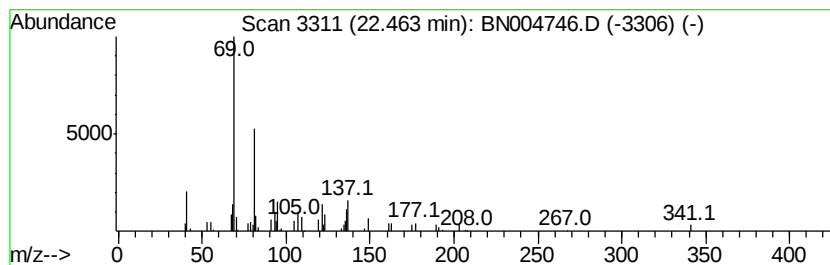
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2,6,10,14,18,22-Tetracosae... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.46 ng/ul	56199	Perylene-d12	23.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
3	Hexadeca-2,6,10,14-tetraen-1-ol...	290 C20H34O	007614-21-3	83
4	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	80
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	004602-84-0	72



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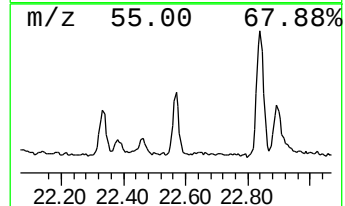
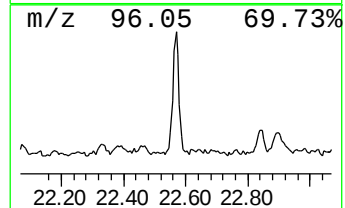
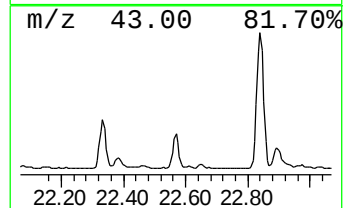
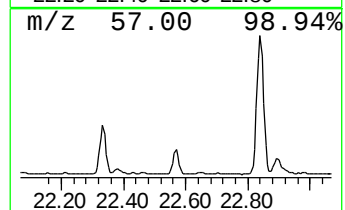
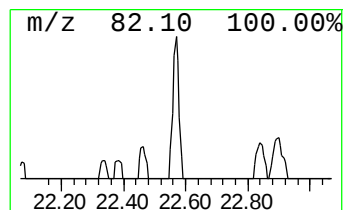
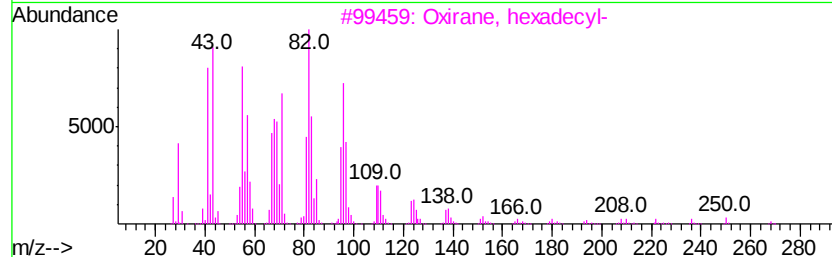
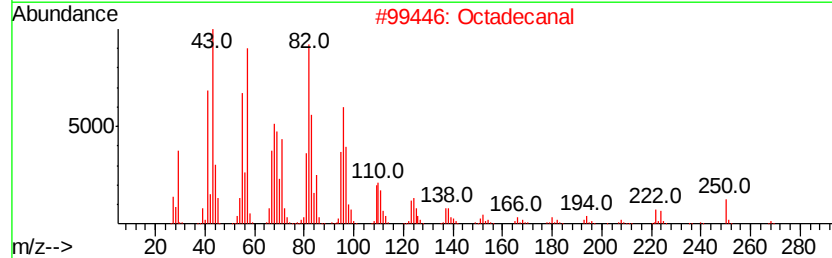
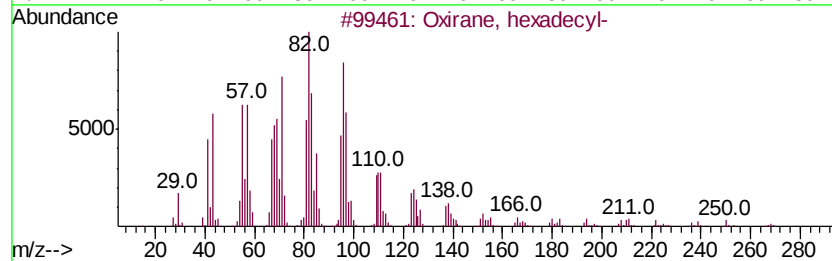
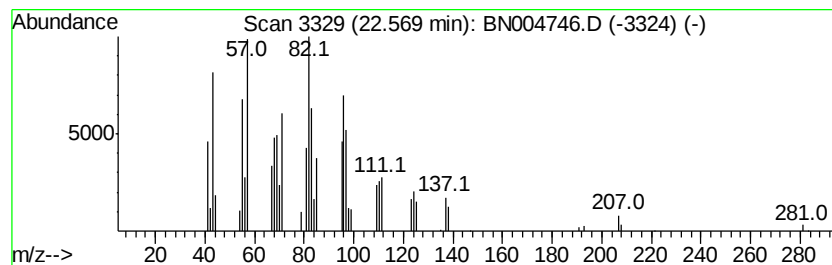
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.45 ng/ul	56017	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5		Octadecanal	268	C18H36O	000638-66-4	90



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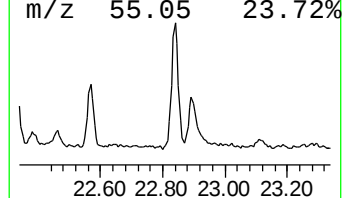
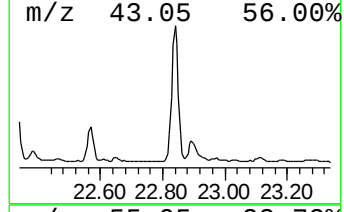
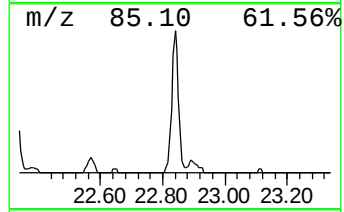
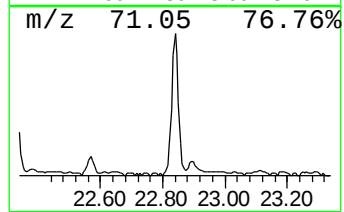
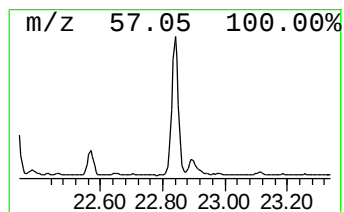
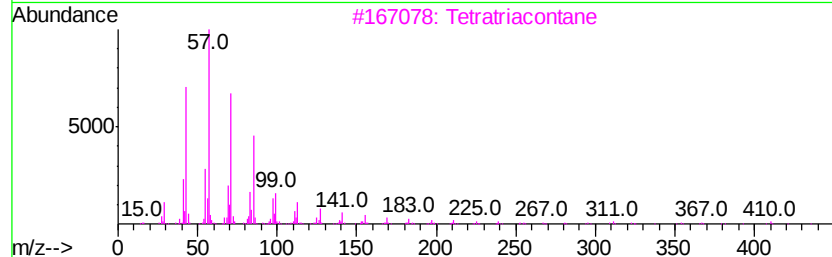
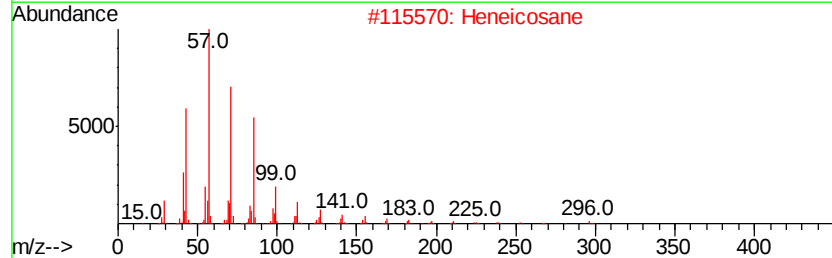
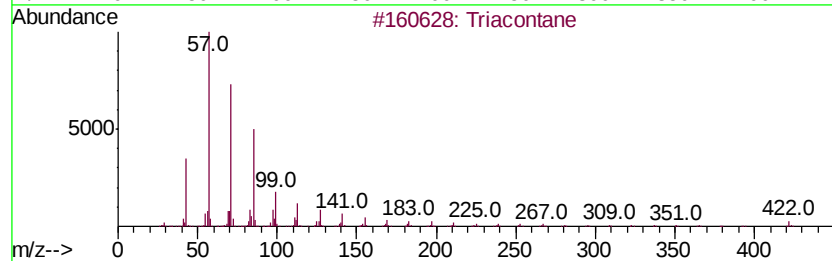
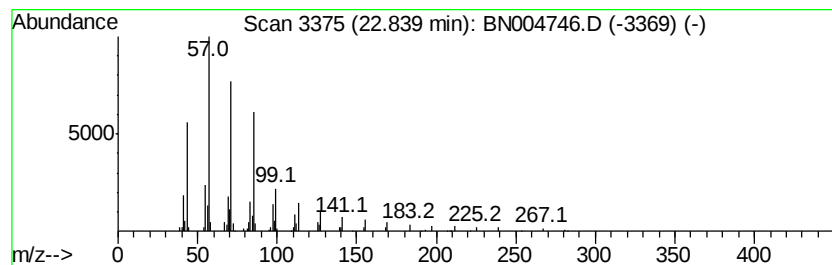
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	7.43 ng/ul	169769	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Tetracosane	338	C24H50	000646-31-1	91



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Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
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Instrument :
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ClientSampleId :
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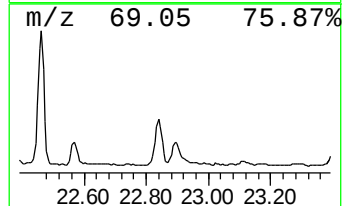
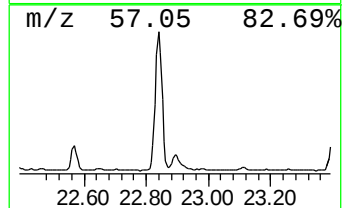
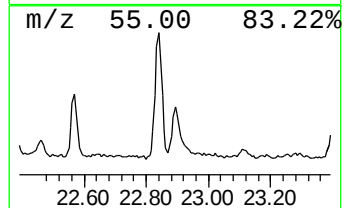
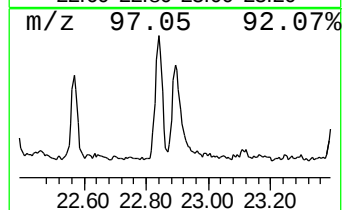
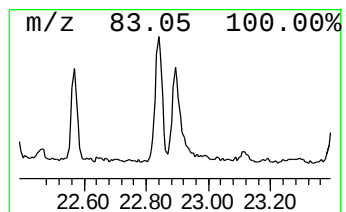
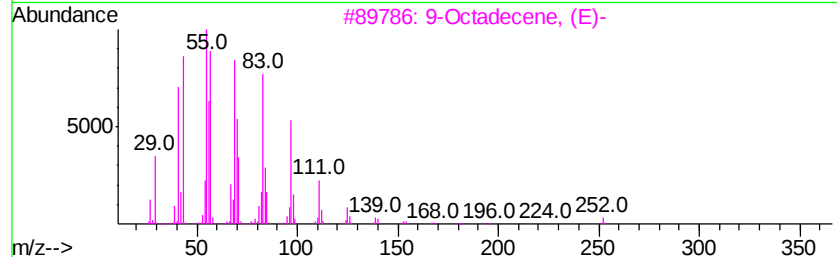
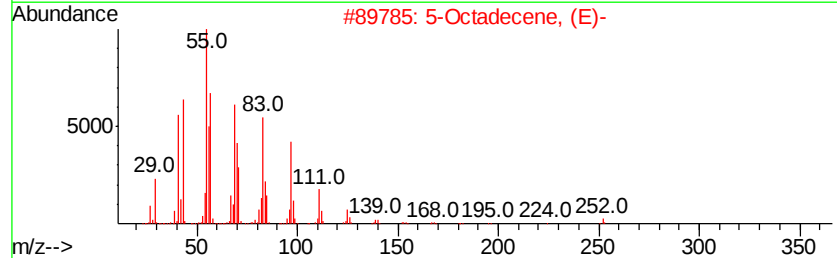
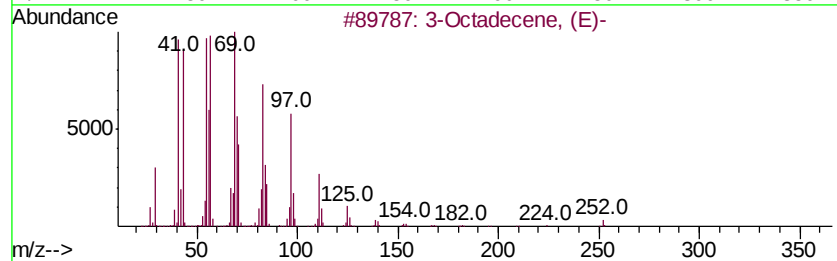
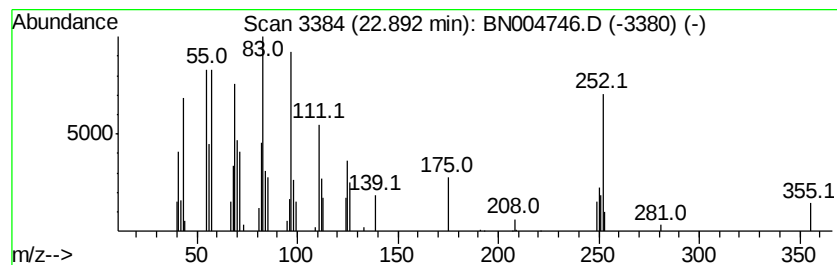
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic22.89 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	2.97 ng/ul	67869	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	99
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	99
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	98
4		1-Octadecene	252	C18H36	000112-88-9	97
5		E-7-Octadecene	252	C18H36	1000130-92-0	90



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ClientSampleId :
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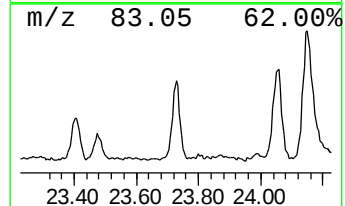
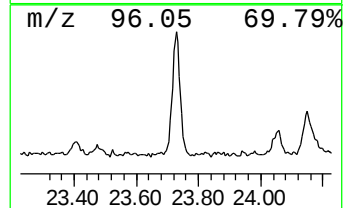
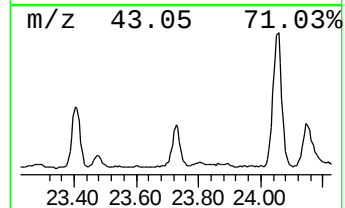
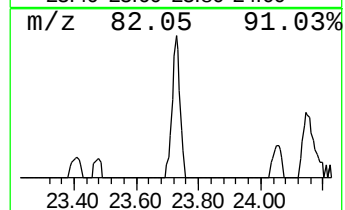
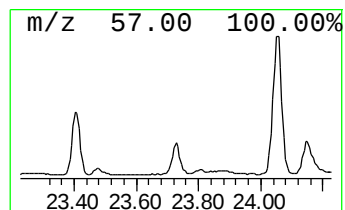
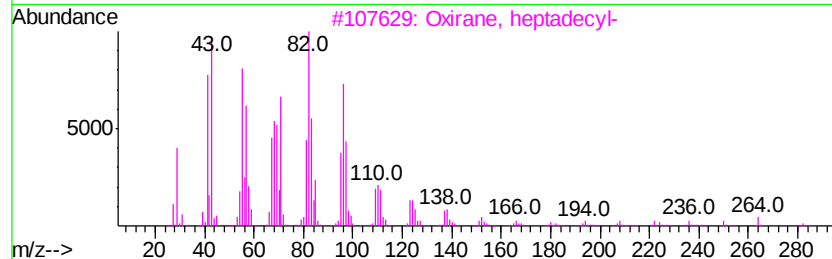
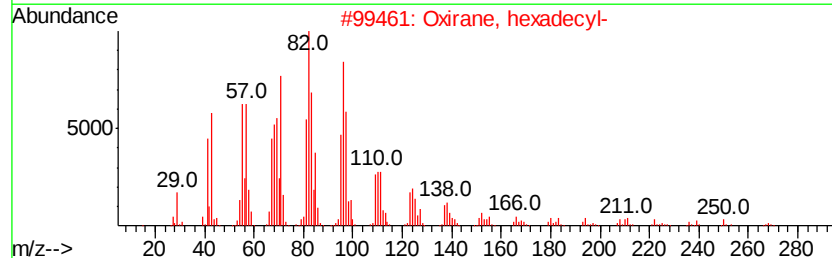
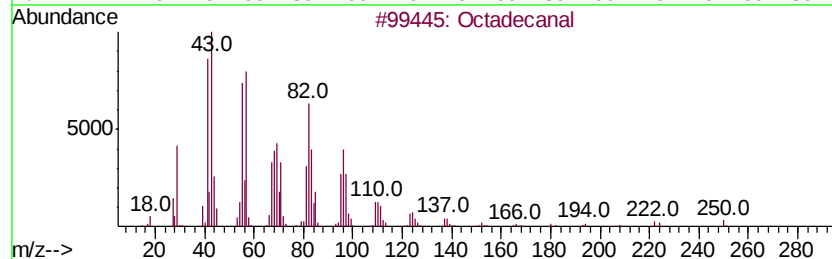
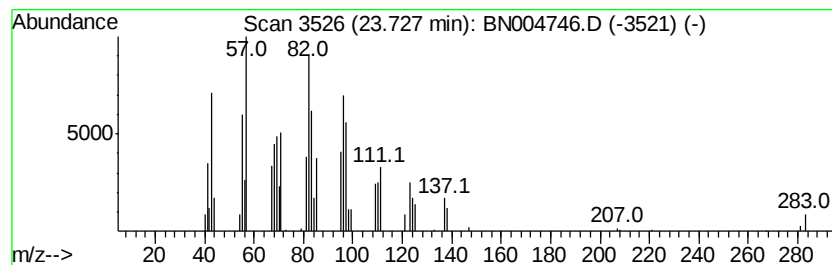
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	3.28 ng/ul	75012	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	90
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
4		Hexadecanal	240	C16H32O	000629-80-1	80
5		Octadecanal	268	C18H36O	000638-66-4	80



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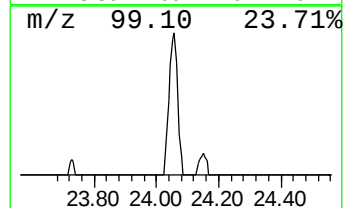
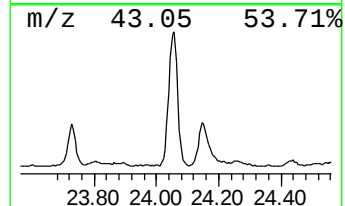
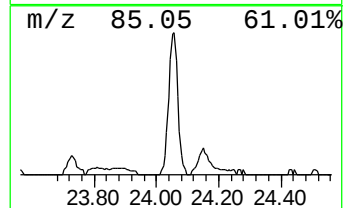
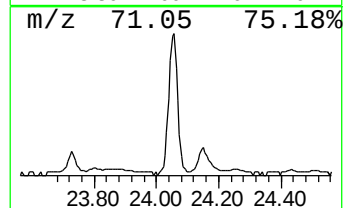
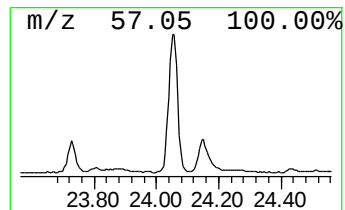
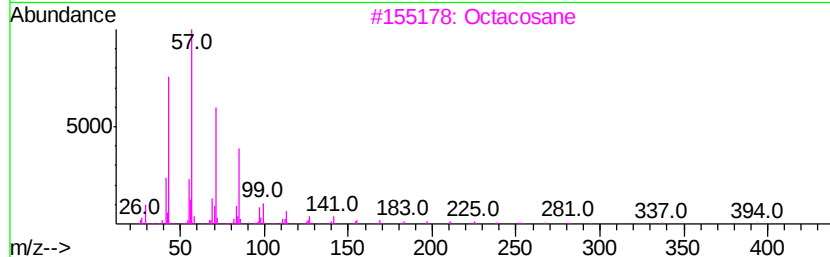
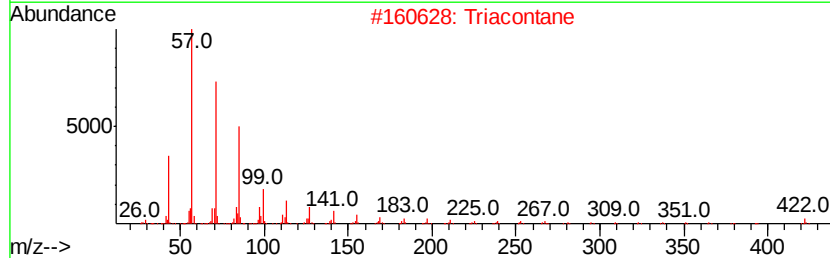
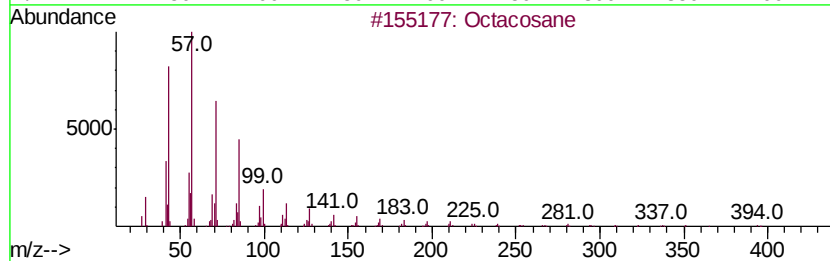
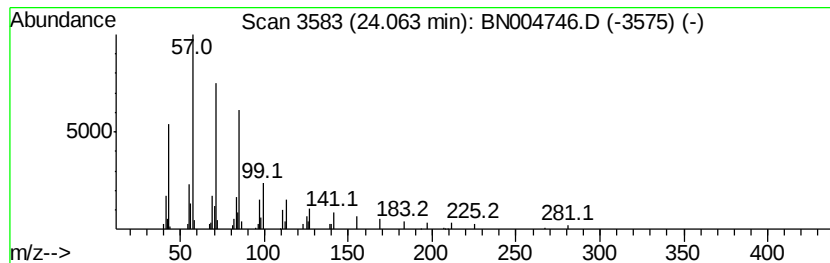
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	8.11 ng/ul	185360	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			triacontane	422	C30H62	000638-68-6	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



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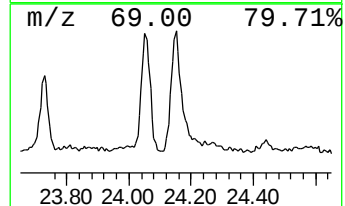
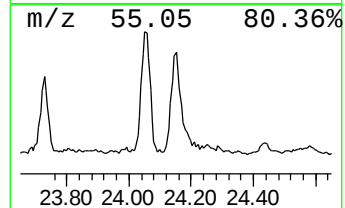
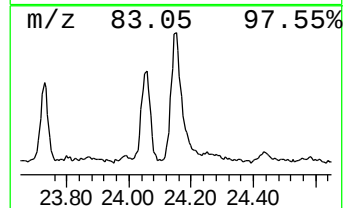
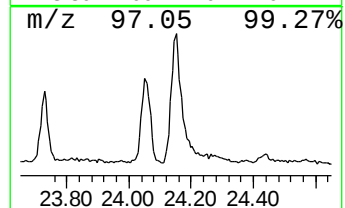
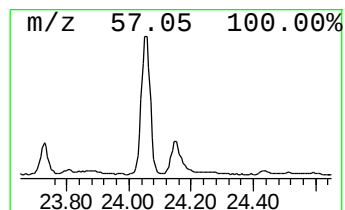
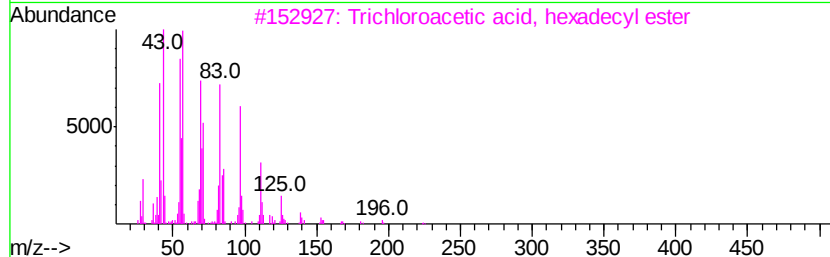
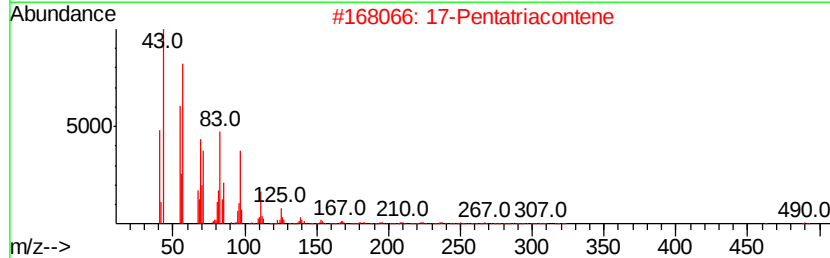
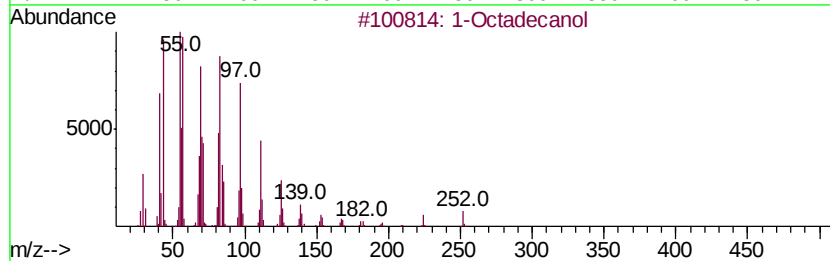
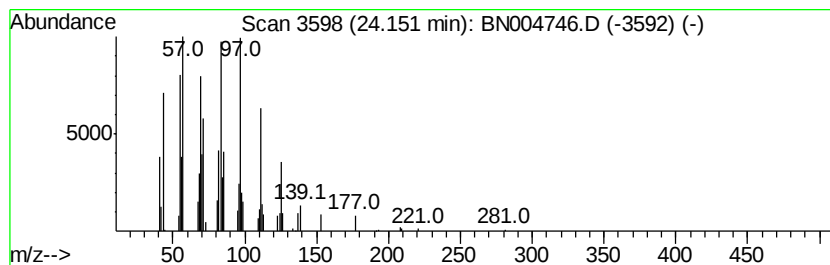
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Octadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	4.60 ng/ul	105101	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanol	270	C18H38O	000112-92-5	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
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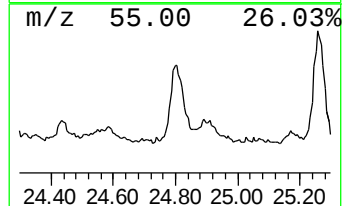
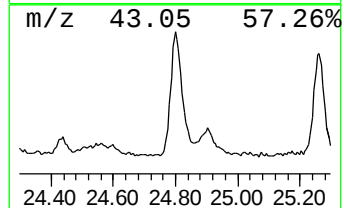
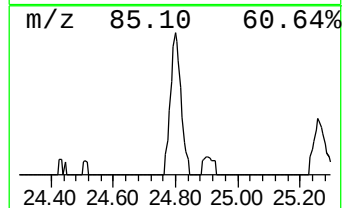
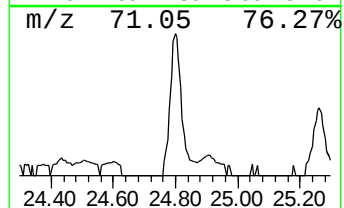
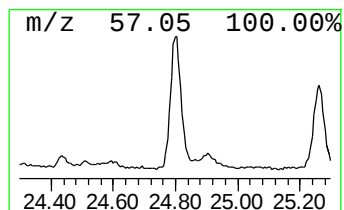
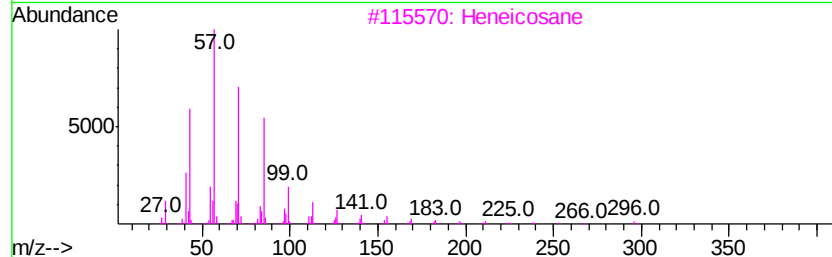
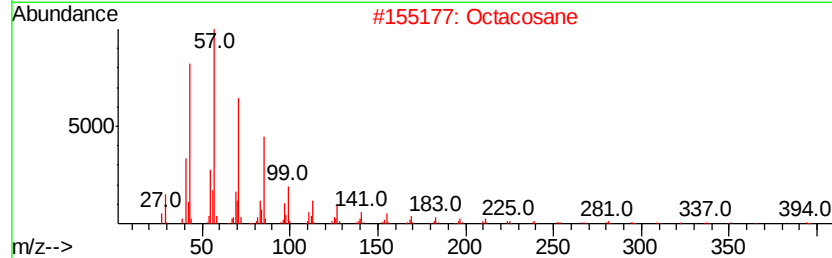
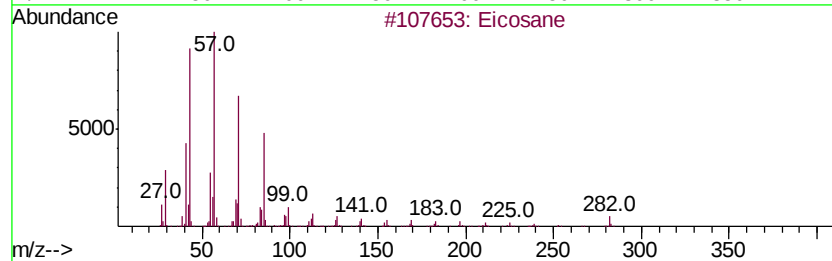
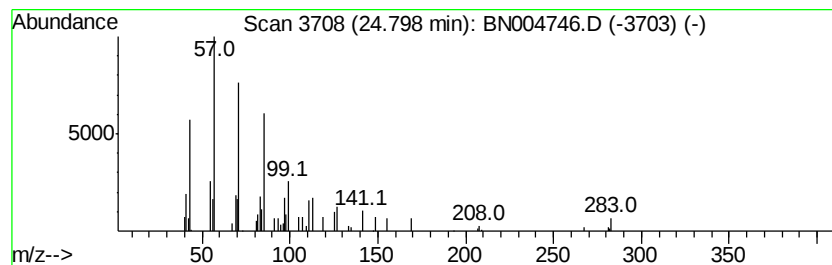
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	4.33 ng/ul	98986	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Octacosane	394	C28H58	000630-02-4	87
3			Heneicosane	296	C21H44	000629-94-7	86
4			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5			Eicosane	282	C20H42	000112-95-8	86



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Misc :
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ClientSampleId :
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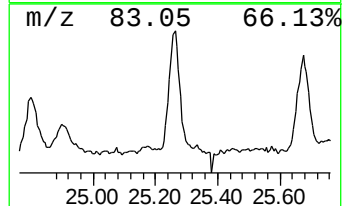
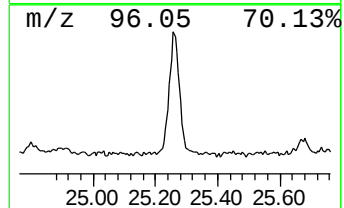
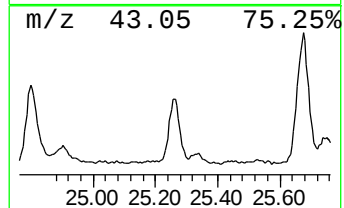
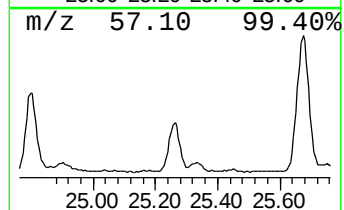
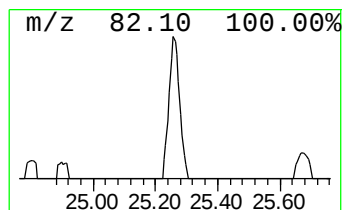
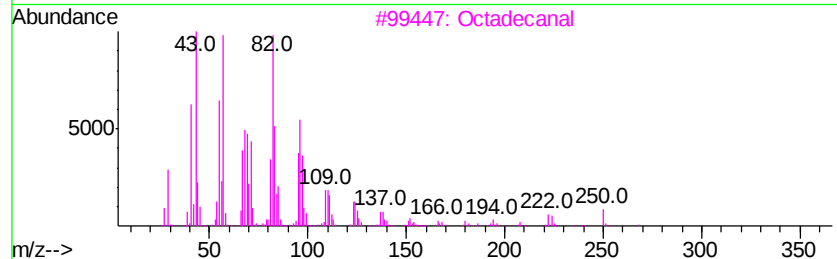
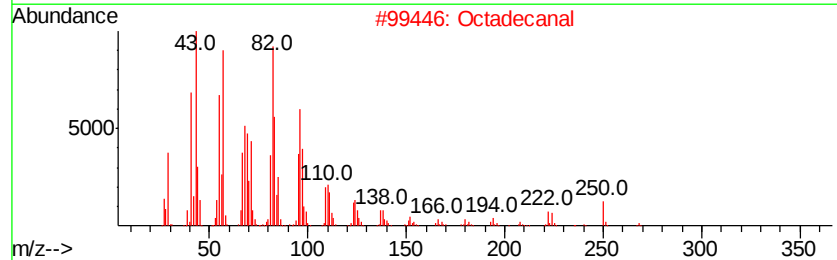
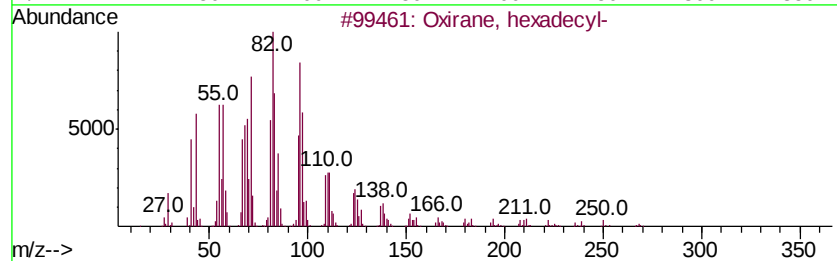
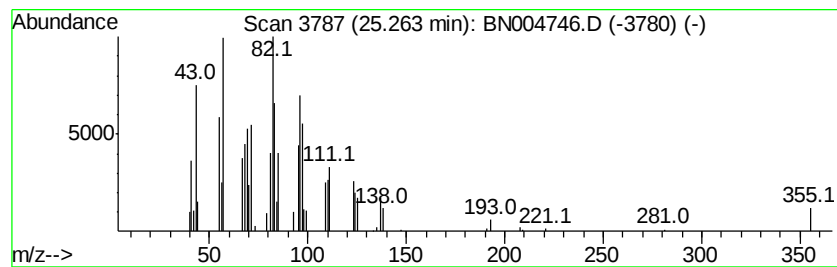
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.26	3.76 ng/ul	85952	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2		Octadecanal	268	C18H36O	000638-66-4	86
3		Octadecanal	268	C18H36O	000638-66-4	80
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	80
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
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ClientSampleId :
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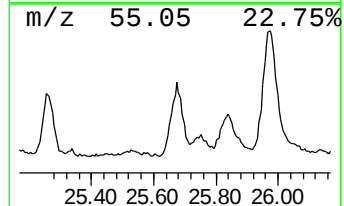
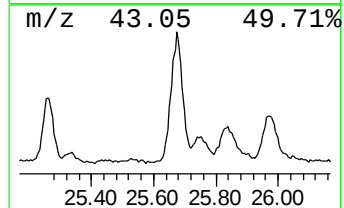
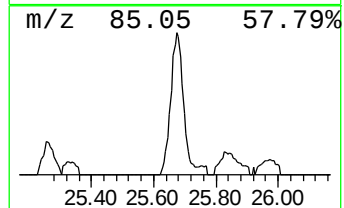
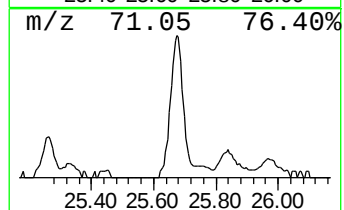
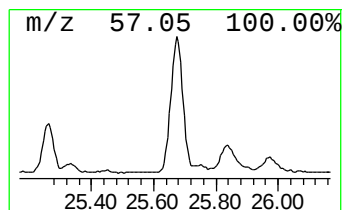
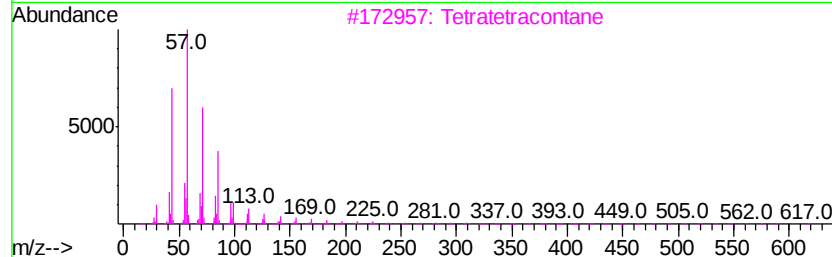
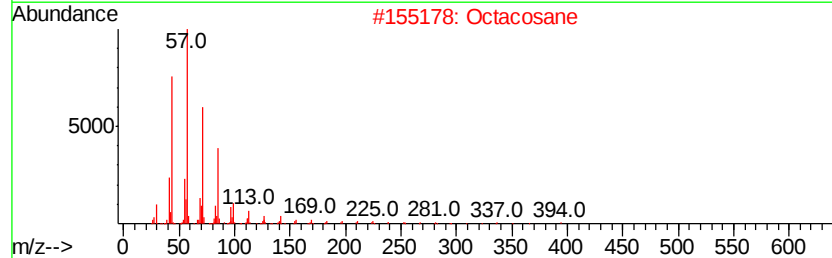
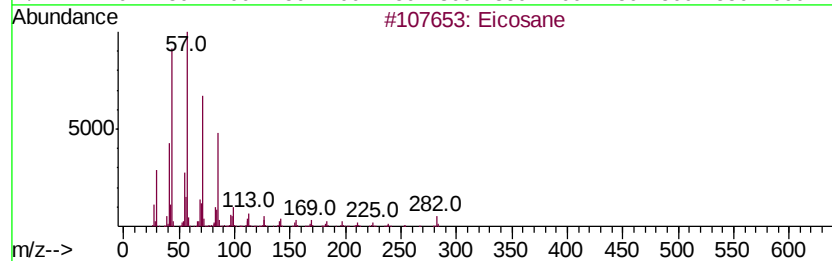
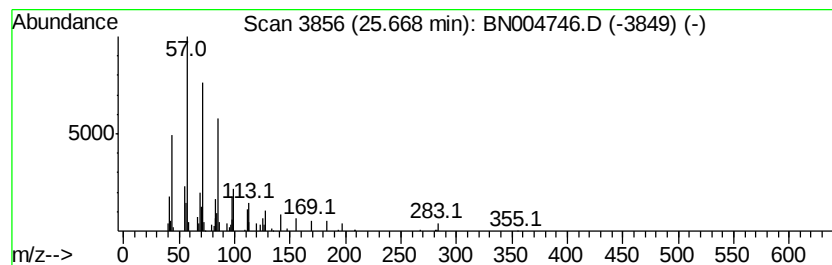
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.67	6.35 ng/ul	145145	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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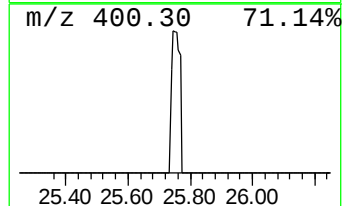
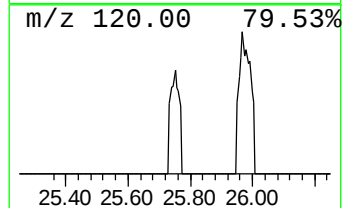
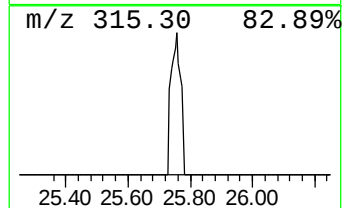
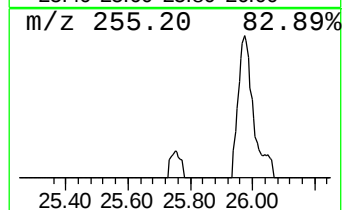
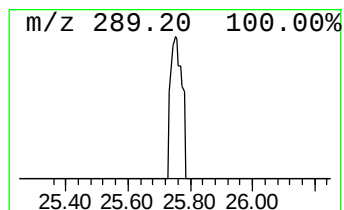
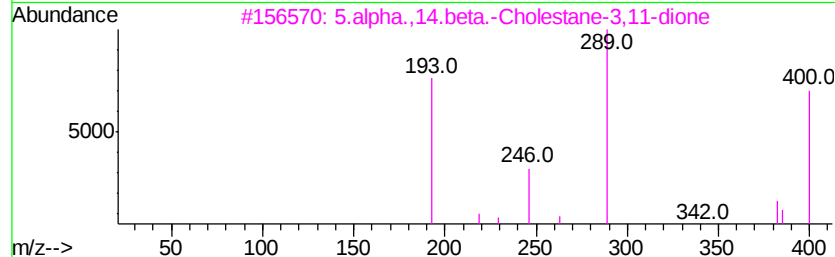
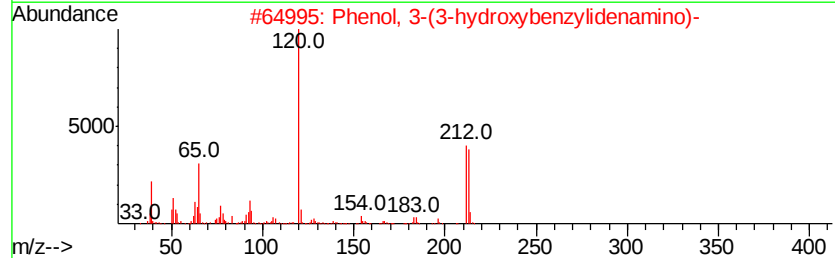
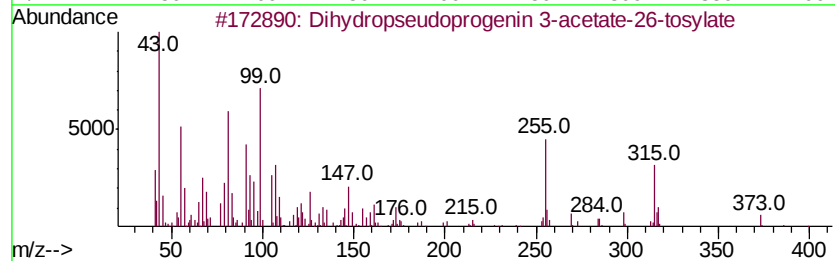
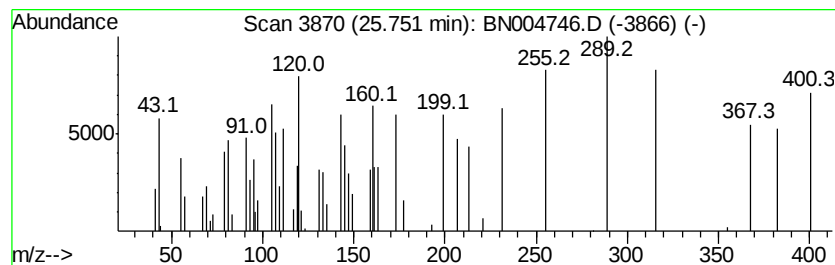
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	2.79 ng/ul	63761	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dihydropseudoprogenin 3-acetate-...	614	C36H54O6S	1000255-26-6	10
2		Phenol, 3-(3-hydroxybenzylidenam...	213	C13H11N02	090468-00-1	9
3		5.alpha.,14.beta.-Cholestane-3,1...	400	C27H44O2	069454-69-9	7
4		Methanone, (4-aminophenyl)(4-hyd...	213	C13H11N02	014963-34-9	5
5		Fendiline	315	C23H25N	013042-18-7	4



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BF5N2

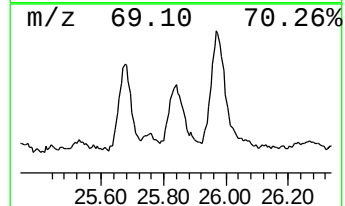
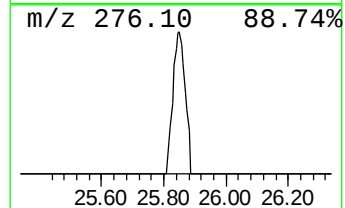
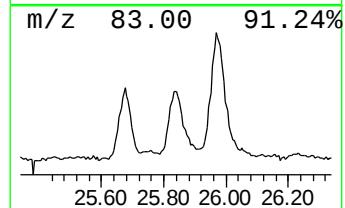
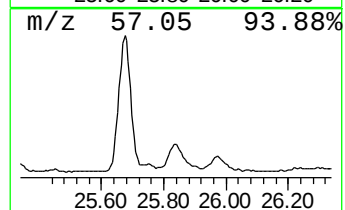
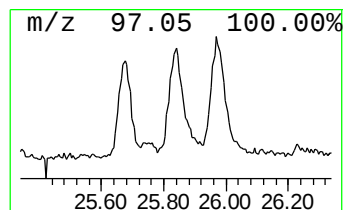
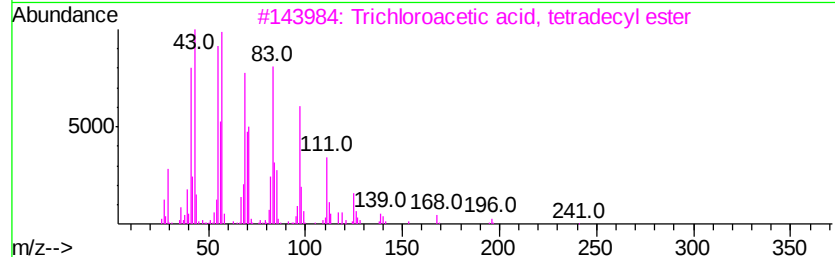
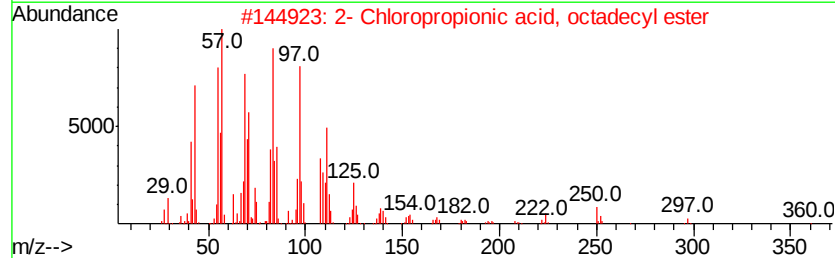
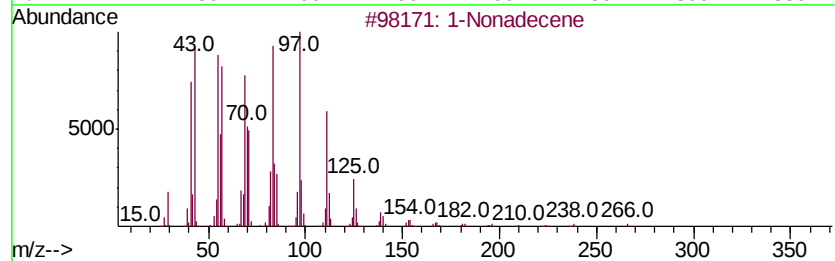
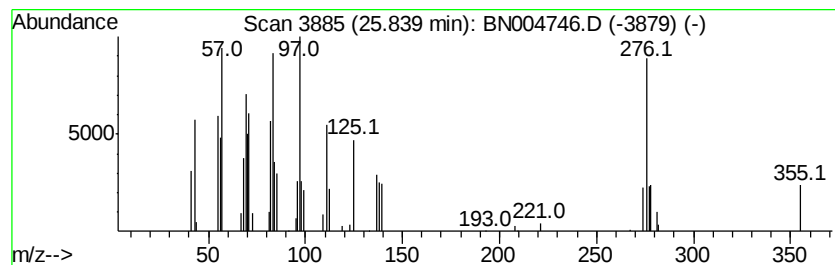
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	3.34 ng/ul	76252	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	50
2			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	45
3			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	45
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	45
5			1-Octadecanol	270	C18H38O	000112-92-5	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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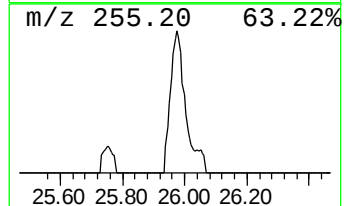
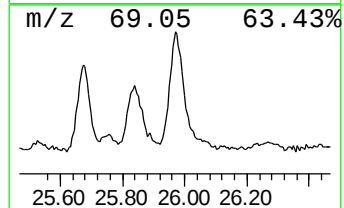
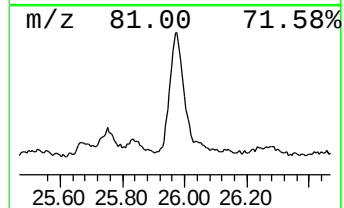
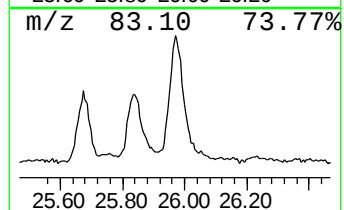
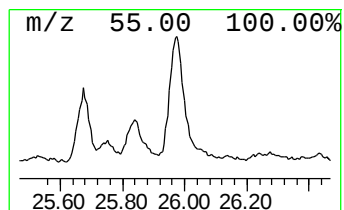
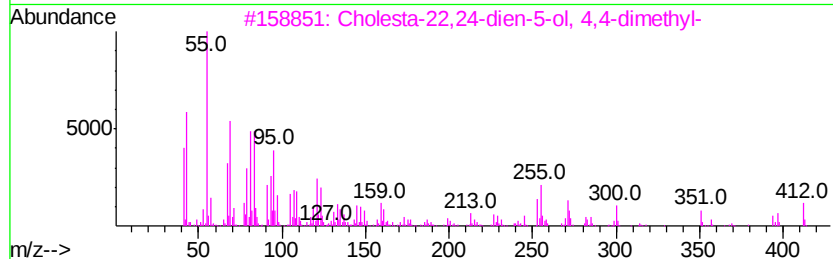
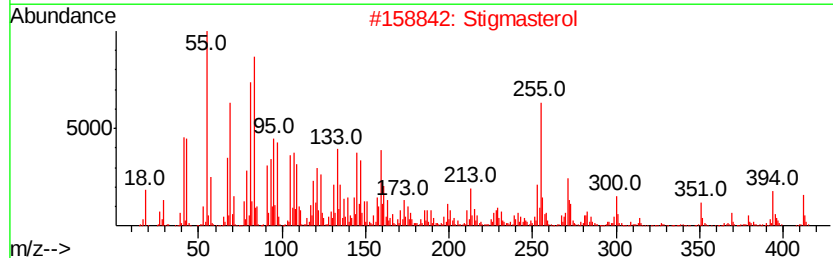
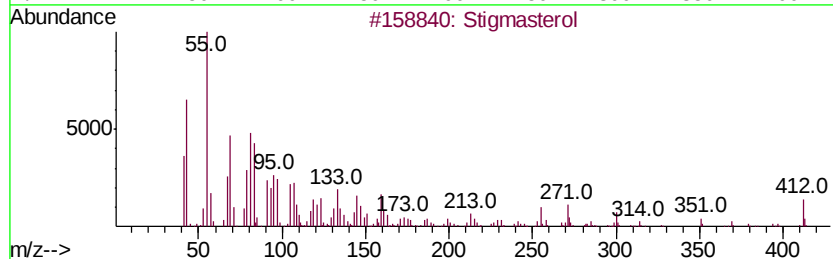
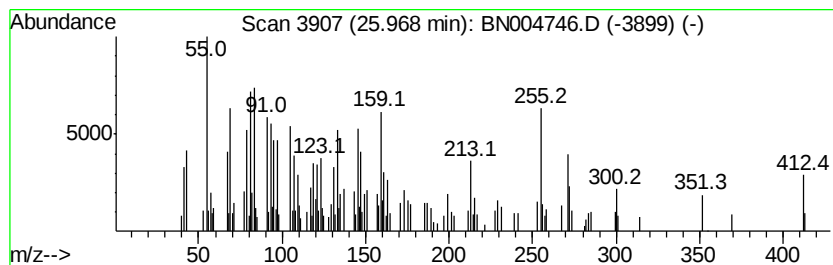
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Stigmasterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	13.45 ng/ul	307454	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	98
2		Stigmasterol	412	C29H48O	000083-48-7	70
3		Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	53
4		Chondrillasterol	412	C29H48O	000481-17-4	42
5		Ergosta-5,22-dien-3-ol, 24-methy...	412	C29H48O	053755-22-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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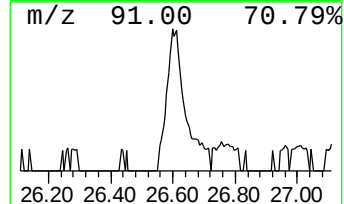
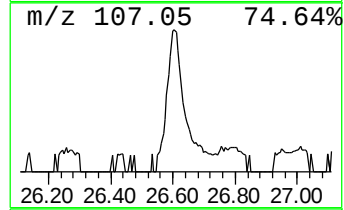
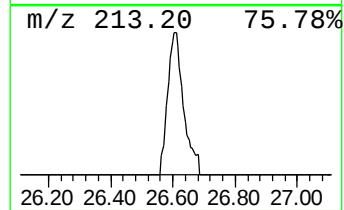
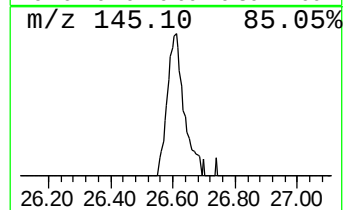
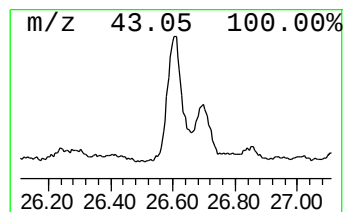
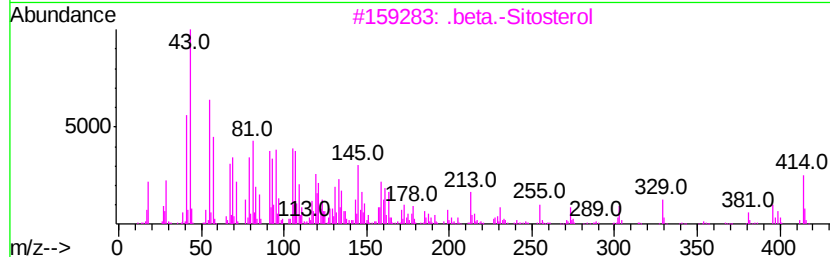
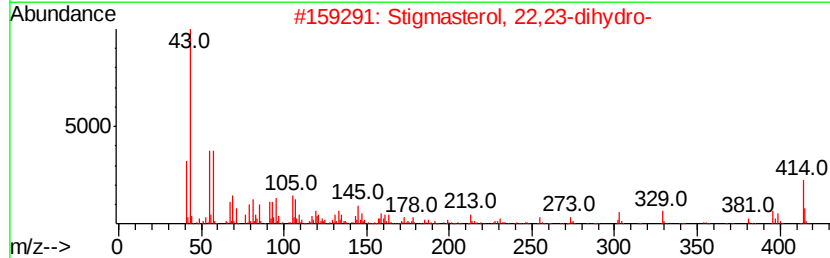
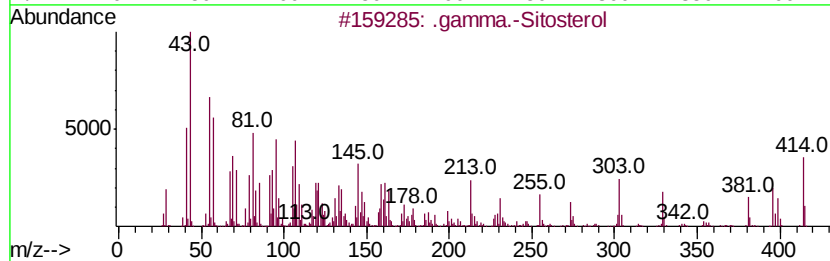
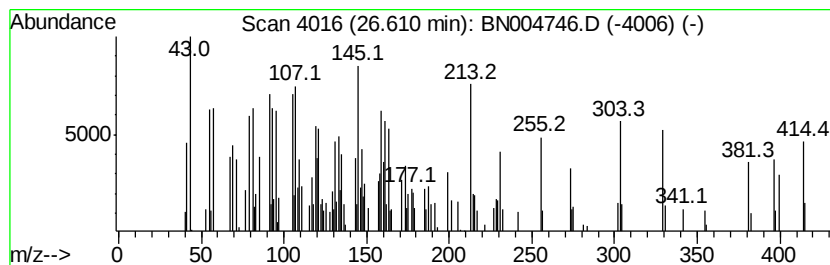
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.61	12.59 ng/ul	287792	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2			Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	99
3			.beta.-Sitosterol	414	C29H50O	000083-46-5	99
4			.beta.-Sitosterol	414	C29H50O	000083-46-5	97
5			Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
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Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

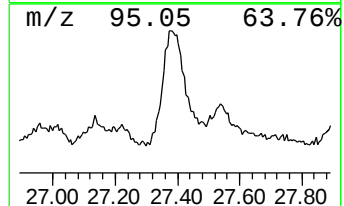
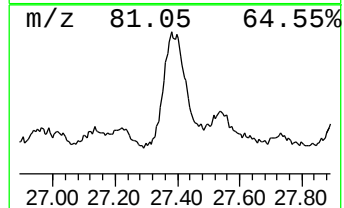
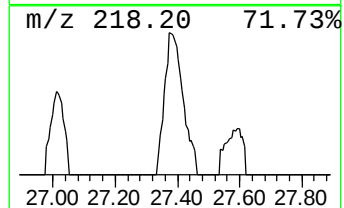
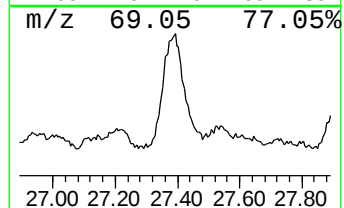
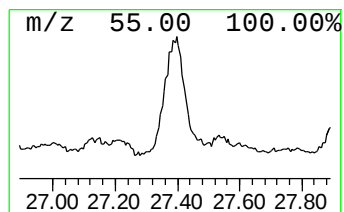
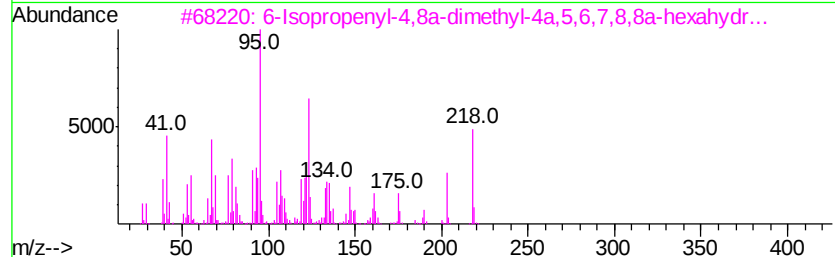
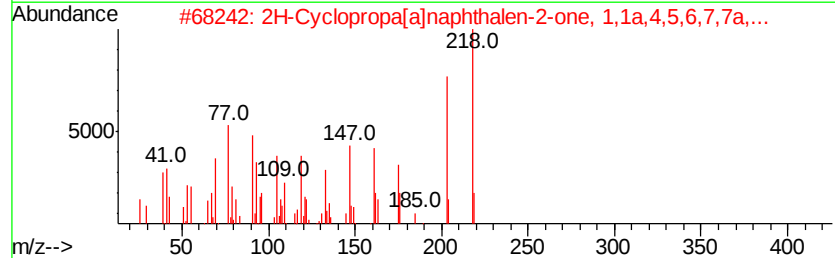
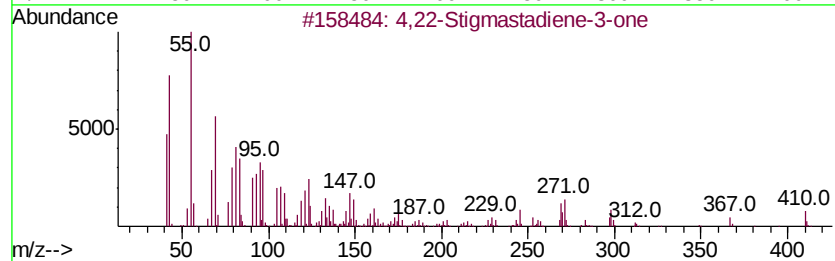
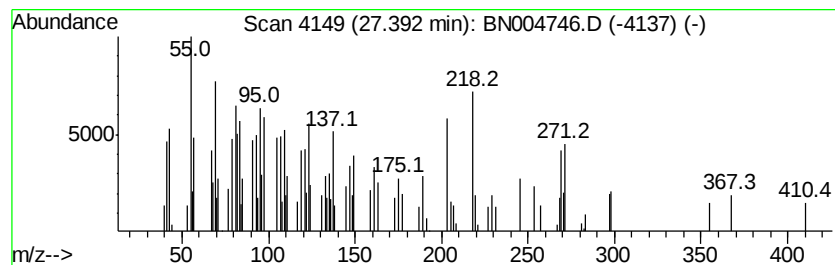
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 4,22-Stigmastadiene-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
27.39	10.91 ng/ul	249474	Perylene-d12	23.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,22-Stigmastadiene-3-one	410	C29H46O	020817-72-5	55	
2	2H-Cyclopropa[alnaphthalen-2-one...	218	C15H22O	006831-17-0	35	
3	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25	
4	4,22-Cholestadien-3-one	382	C27H42O	055688-43-2	25	
5	2H-Cyclopropa[g]benzofuran, 4,5,...	218	C15H22O	102681-49-2	18	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
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Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

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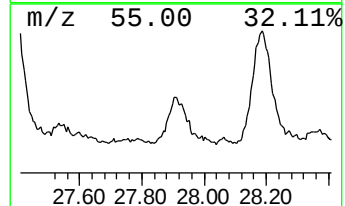
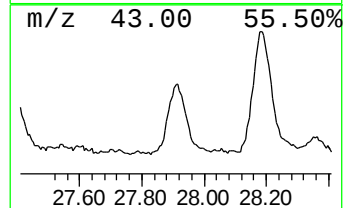
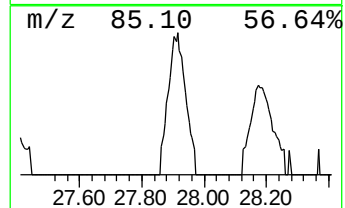
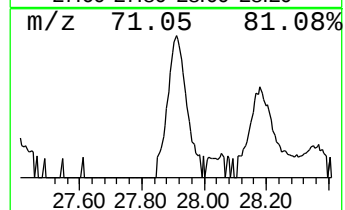
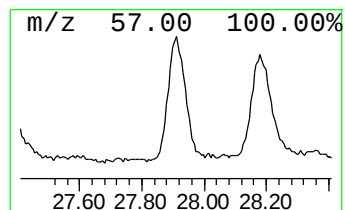
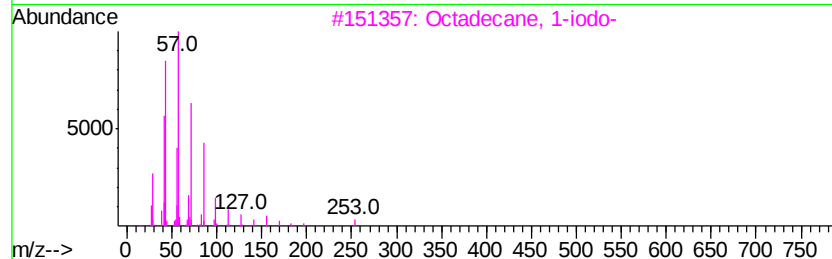
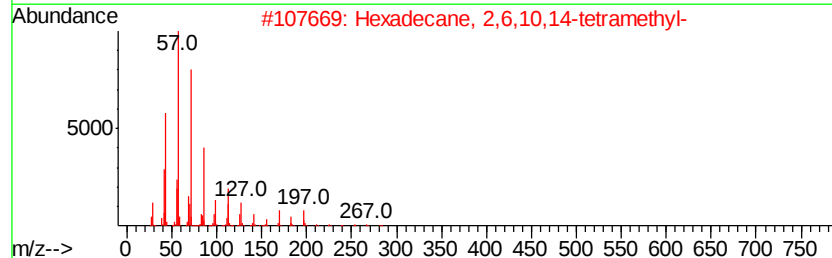
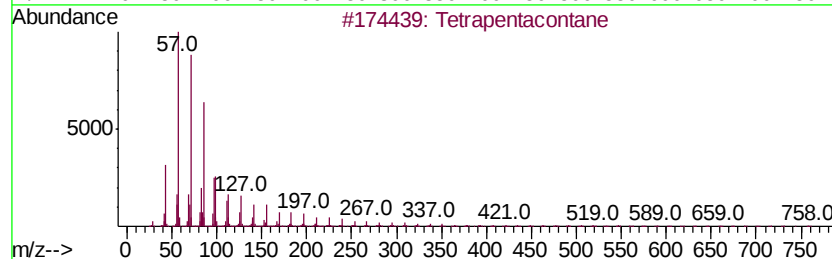
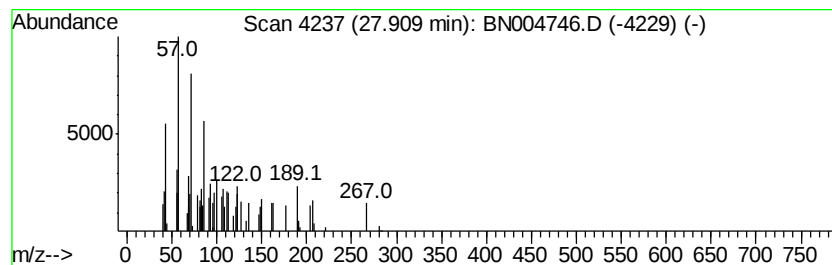
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Tetrapentacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.91	3.54 ng/ul	80844	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrapentacontane	759	C54H110	005856-66-6	50
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004746.D
Acq On : 14 Mar 2019 00:48
Operator : JU/SJ
Sample : K1794-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BF5N2

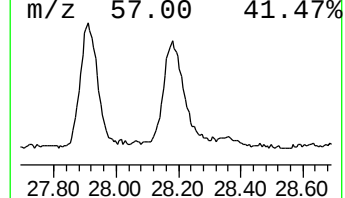
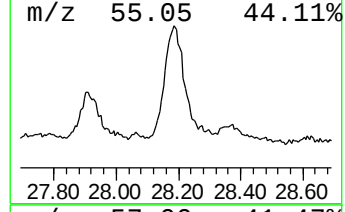
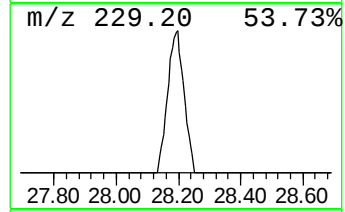
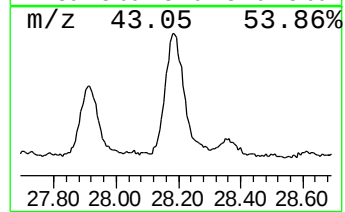
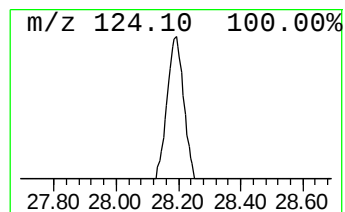
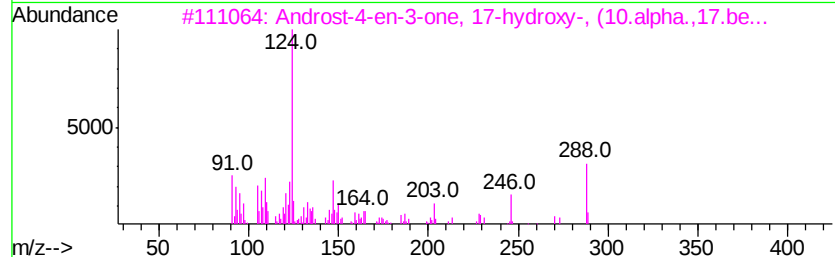
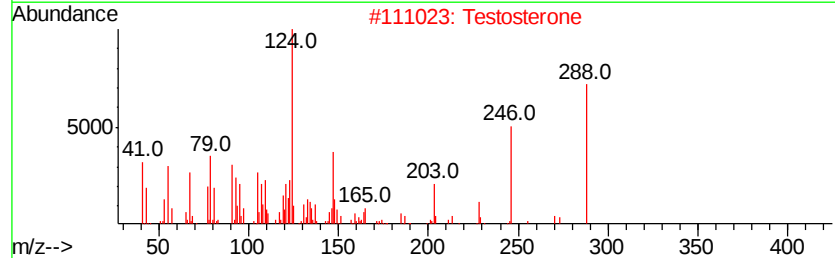
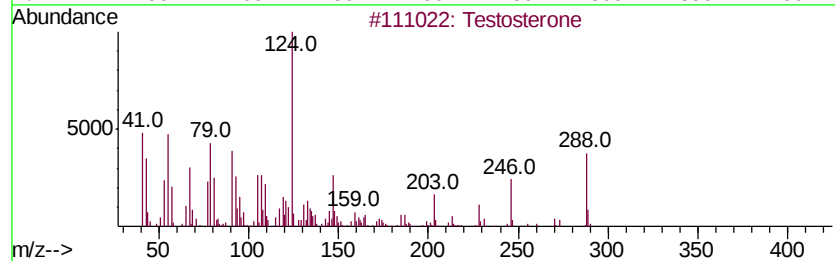
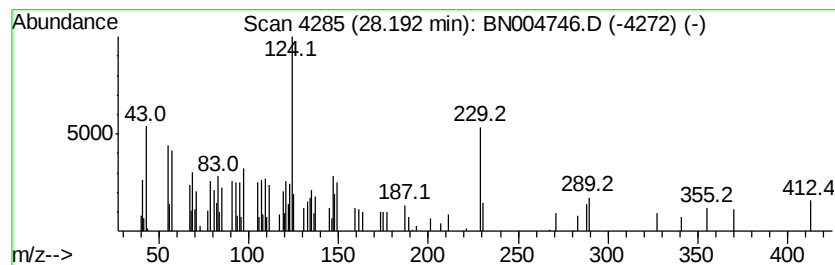
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Testosterone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	10.78 ng/ul	246282	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Testosterone	288	C19H28O2	000058-22-0	60
2		Testosterone	288	C19H28O2	000058-22-0	42
3		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	41
4		Testosterone	288	C19H28O2	000058-22-0	41
5		Testosterone	288	C19H28O2	000058-22-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
 Data File : BN004746.D
 Acq On : 14 Mar 2019 00:48
 Operator : JU/SJ
 Sample : K1794-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecenoic acid...	17.94	3.2	ng/ul	78578	4	17.11	494461	20.0
n-Hexadecanoic acid	18.00	11.9	ng/ul	295553	4	17.11	494461	20.0
6,8-Dodecadien-1-...	18.70	3.5	ng/ul	86986	4	17.11	494461	20.0
4-n-Hexylthiane, ...	19.19	13.1	ng/ul	322726	4	17.11	494461	20.0
Pentadecanoic acid	19.28	3.5	ng/ul	89756	5	21.30	507249	20.0
Ethanol, 2-(hexad...	21.00	6.7	ng/ul	168553	5	21.30	507249	20.0
(DEL) Alkane: Str...	21.87	3.6	ng/ul	90886	5	21.30	507249	20.0
2,6,10,14,18,22-T...	22.46	2.5	ng/ul	56199	6	23.56	457137	20.0
Oxirane, hexadecyl-	22.57	2.5	ng/ul	56017	6	23.56	457137	20.0
(DEL) Alkane: Str...	22.84	7.4	ng/ul	169769	6	23.56	457137	20.0
(DEL) Alkane: Cyc...	22.89	3.0	ng/ul	67869	6	23.56	457137	20.0
Octadecanal	23.73	3.3	ng/ul	75012	6	23.56	457137	20.0
(DEL) Alkane: Str...	24.06	8.1	ng/ul	185360	6	23.56	457137	20.0
1-Octadecanol	24.15	4.6	ng/ul	105101	6	23.56	457137	20.0
(DEL) Alkane: Str...	24.80	4.3	ng/ul	98986	6	23.56	457137	20.0
Oxirane, heptadecyl-	25.26	3.8	ng/ul	85952	6	23.56	457137	20.0
(DEL) Alkane: Str...	25.67	6.3	ng/ul	145145	6	23.56	457137	20.0
unknown-01	25.75	2.8	ng/ul	63761	6	23.56	457137	20.0
(DEL) Alkane: Str...	25.84	3.3	ng/ul	76252	6	23.56	457137	20.0
Stigmasterol	25.97	13.4	ng/ul	307454	6	23.56	457137	20.0
.gamma.-Sitosterol	26.61	12.6	ng/ul	287792	6	23.56	457137	20.0
4,22-Stigmastadie...	27.39	10.9	ng/ul	249474	6	23.56	457137	20.0
Tetrapentacontane	27.91	3.5	ng/ul	80844	6	23.56	457137	20.0
Testosterone	28.19	10.8	ng/ul	246282	6	23.56	457137	20.0