

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
 Data File : BN005553.D
 Acq On : 09 May 2019 03:31
 Operator : JU/SJ
 Sample : K2602-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH48

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-BN041919MA.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	3.211	35	38	43	rVB2	40759	54917	1.08%	0.064%
2	3.693	118	120	129	rVB2	17419	27214	0.54%	0.032%
3	4.111	188	191	196	rBV	36762	43138	0.85%	0.050%
4	4.505	255	258	265	rVB2	17643	23954	0.47%	0.028%
5	4.769	300	303	310	rVB2	22681	35283	0.70%	0.041%
6	6.158	535	539	545	rBV6	7310	13205	0.26%	0.015%
7	6.775	637	644	656	rBV	781959	1368477	26.98%	1.594%
8	6.934	665	671	681	rBV	637461	1005322	19.82%	1.171%
9	7.128	697	704	713	rVV	852863	1359652	26.80%	1.583%
10	7.587	773	782	791	rBV	1165789	1861725	36.70%	2.168%
11	7.652	791	793	798	rVB4	8958	12513	0.25%	0.015%
12	8.287	894	901	914	rBV	954593	1690527	33.33%	1.969%
13	8.728	969	976	987	rBV	849759	1427005	28.13%	1.662%
14	9.163	1043	1050	1055	rBV	49340	70395	1.39%	0.082%
15	9.446	1091	1098	1108	rBV	695743	1199236	23.64%	1.397%
16	9.981	1182	1189	1203	rBV	992604	1849612	36.46%	2.154%
17	10.140	1212	1216	1223	rVB5	6462	12265	0.24%	0.014%
18	10.346	1243	1251	1263	rBV	1611061	2735352	53.92%	3.186%
19	10.493	1269	1276	1297	rVV	729847	1529767	30.16%	1.782%
20	11.181	1388	1393	1396	rBV4	6652	12205	0.24%	0.014%
21	11.957	1518	1525	1531	rBV3	13670	26656	0.53%	0.031%
22	12.945	1688	1693	1699	rBV4	11266	15533	0.31%	0.018%
23	13.057	1707	1712	1719	rBV5	7230	13367	0.26%	0.016%
24	13.545	1789	1795	1799	rVV5	17726	29212	0.58%	0.034%
25	13.640	1804	1811	1815	rBV	2108709	2897722	57.13%	3.375%
26	13.687	1815	1819	1829	rVB	701499	1027151	20.25%	1.196%
27	13.910	1849	1857	1875	rBV	2347400	3543932	69.86%	4.127%
28	14.081	1881	1886	1891	rVB7	11535	15268	0.30%	0.018%
29	14.139	1891	1896	1901	rVB3	12073	16785	0.33%	0.020%
30	14.222	1904	1910	1928	rBV2	2500930	3824127	75.39%	4.454%
31	14.445	1941	1948	1970	rBV	514490	1273968	25.11%	1.484%
32	14.663	1982	1985	1991	rVB7	19582	27837	0.55%	0.032%
33	15.045	2044	2050	2056	rBV5	9094	19445	0.38%	0.023%
34	15.098	2056	2059	2065	rVB3	15573	19764	0.39%	0.023%

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35	15.222	2073	2080	2099	rBV	2896374	4372047	86.19%	5.092%
36	15.363	2099	2104	2114	rVV	390657	667854	13.17%	0.778%
37	15.463	2118	2121	2127	rVB2	35850	54346	1.07%	0.063%
38	15.657	2148	2154	2158	rBV7	9975	15823	0.31%	0.018%
39	15.910	2193	2197	2200	rBV5	11169	17950	0.35%	0.021%
40	15.963	2203	2206	2210	rVV3	18046	22053	0.43%	0.026%
41	16.010	2210	2214	2219	rVV7	15824	27837	0.55%	0.032%
42	16.134	2230	2235	2240	rVV7	12093	22771	0.45%	0.027%
43	16.186	2240	2244	2248	rVB5	15253	21140	0.42%	0.025%
44	16.404	2277	2281	2286	rVV6	17428	33191	0.65%	0.039%
45	16.463	2289	2291	2297	rVV4	11211	19369	0.38%	0.023%
46	16.657	2320	2324	2328	rBV5	13646	20687	0.41%	0.024%
47	16.704	2328	2332	2336	rBV3	93311	147706	2.91%	0.172%
48	16.898	2361	2365	2372	rVV3	85162	143254	2.82%	0.167%
49	16.981	2372	2379	2388	rVV2	3166778	4775776	94.15%	5.562%
50	17.075	2389	2395	2409	rVV	3037040	4647148	91.61%	5.412%
51	17.175	2409	2412	2417	rVV6	14370	26347	0.52%	0.031%
52	17.369	2439	2445	2447	rBV7	16005	22607	0.45%	0.026%
53	17.639	2487	2491	2493	rBV3	21414	33458	0.66%	0.039%
54	17.669	2493	2496	2502	rVB5	29915	44425	0.88%	0.052%
55	17.775	2509	2514	2521	rBV2	75347	163155	3.22%	0.190%
56	17.833	2521	2524	2530	rVV2	121535	208859	4.12%	0.243%
57	17.904	2530	2536	2557	rVV	1954375	3180188	62.69%	3.704%
58	18.198	2582	2586	2598	rBV6	92380	267006	5.26%	0.311%
59	18.492	2633	2636	2637	rBV3	14197	14832	0.29%	0.017%
60	18.575	2647	2650	2651	rBV3	24418	22816	0.45%	0.027%
61	18.751	2677	2680	2682	rBV3	24970	26569	0.52%	0.031%
62	18.833	2692	2694	2700	rVB5	41459	54006	1.06%	0.063%
63	18.933	2706	2711	2719	rBV	85103	169754	3.35%	0.198%
64	19.045	2723	2730	2731	rBV3	161185	220722	4.35%	0.257%
65	19.075	2731	2735	2748	rVV3	387316	1015437	20.02%	1.183%
66	19.192	2751	2755	2766	rBV	604252	1037935	20.46%	1.209%
67	19.392	2783	2789	2798	rVB	3508286	5072556	100.00%	5.907%
68	19.774	2852	2854	2858	rVB2	65666	72337	1.43%	0.084%
69	19.886	2871	2873	2874	rBV2	23890	17880	0.35%	0.021%
70	19.922	2875	2879	2884	rVV	184867	267345	5.27%	0.311%
71	19.969	2884	2887	2891	rVB	115642	145756	2.87%	0.170%

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72	20.122	2910	2913	2917	rBV6	50526	66048	1.30%	0.077%
73	20.169	2918	2921	2923	rVV3	90107	106139	2.09%	0.124%
74	20.204	2923	2927	2932	rVB	414550	521983	10.29%	0.608%
75	20.292	2939	2942	2946	rBV	123584	157741	3.11%	0.184%
76	20.363	2951	2954	2962	rVB9	93315	159913	3.15%	0.186%
77	20.522	2975	2981	2987	rVB2	239988	419521	8.27%	0.489%
78	20.574	2987	2990	2994	rVB5	60688	68880	1.36%	0.080%
79	20.669	3003	3006	3012	rVB	324279	387083	7.63%	0.451%
80	20.733	3015	3017	3020	rVB3	66201	70498	1.39%	0.082%
81	20.933	3047	3051	3059	rBV2	633212	1040646	20.52%	1.212%
82	21.004	3059	3063	3068	rVB8	146633	209512	4.13%	0.244%
83	21.204	3092	3097	3101	rBV	2762675	3803963	74.99%	4.430%
84	21.545	3153	3155	3161	rVB3	164832	224064	4.42%	0.261%
85	21.604	3163	3165	3168	rVB3	124425	124409	2.45%	0.145%
86	21.816	3197	3201	3218	rVB	408284	771260	15.20%	0.898%
87	22.268	3274	3278	3284	rVB	452321	602602	11.88%	0.702%
88	22.392	3295	3299	3304	rVB	471919	595054	11.73%	0.693%
89	22.763	3357	3362	3367	rVB	920515	1262290	24.88%	1.470%
90	23.268	3442	3448	3453	rBV2	1728089	3247817	64.03%	3.782%
91	23.315	3453	3456	3463	rVV	567128	872261	17.20%	1.016%
92	23.404	3465	3471	3486	rVB2	1658168	3458297	68.18%	4.027%
93	23.945	3557	3563	3570	rVB	1190457	2160568	42.59%	2.516%
94	24.027	3572	3577	3590	rVB2	585233	1345130	26.52%	1.567%
95	24.662	3680	3685	3694	rVB2	435542	930544	18.34%	1.084%
96	25.092	3754	3758	3768	rVB2	305453	647300	12.76%	0.754%
97	25.509	3822	3829	3844	rVB2	986147	2727151	53.76%	3.176%
98	25.651	3847	3853	3864	rVV2	426759	1211005	23.87%	1.410%
99	26.357	3967	3973	3989	rVB4	501206	1447337	28.53%	1.686%
100	27.586	4175	4182	4189	rBV5	352306	1053305	20.76%	1.227%

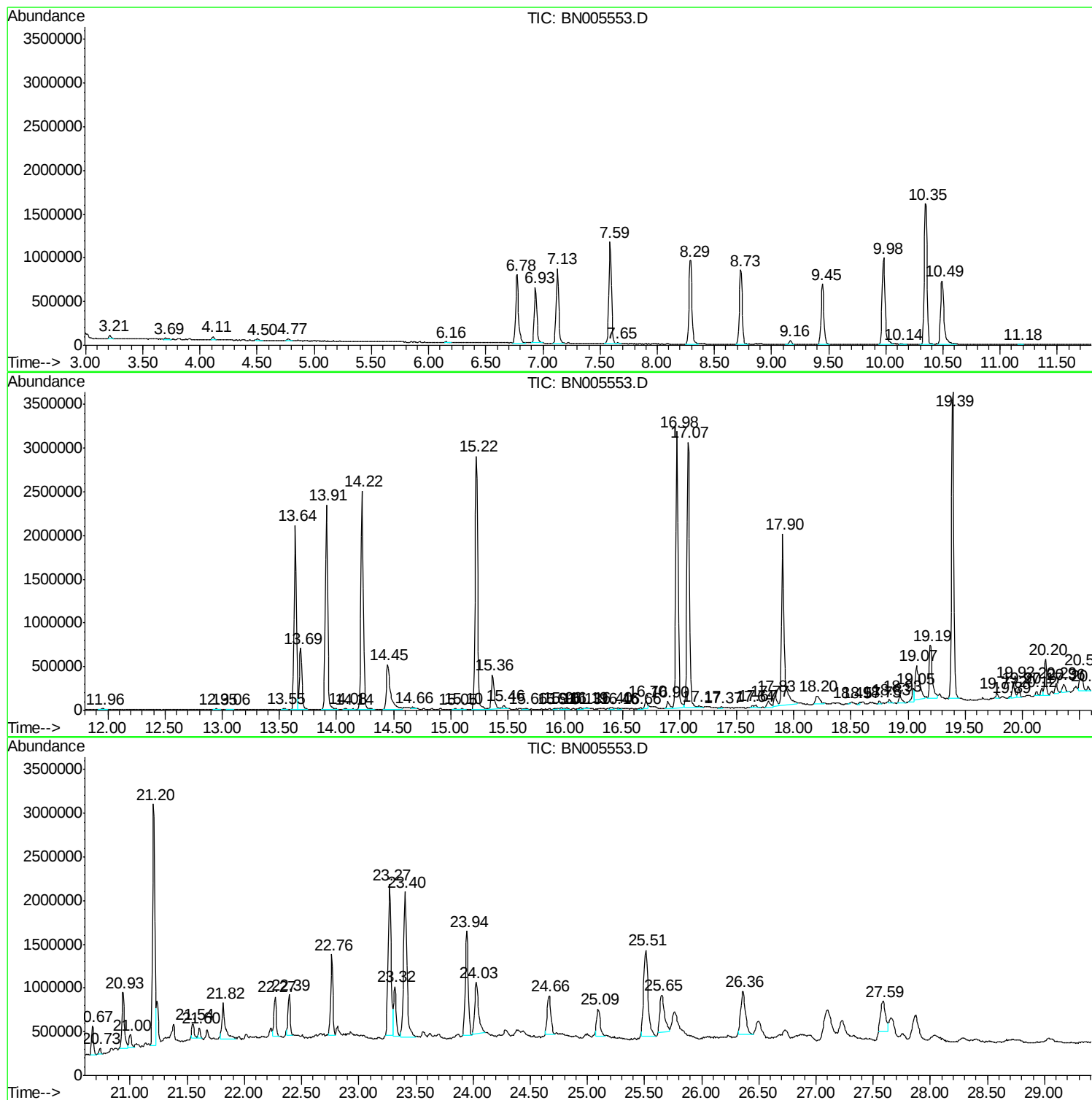
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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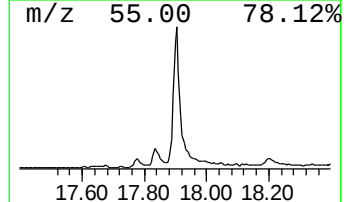
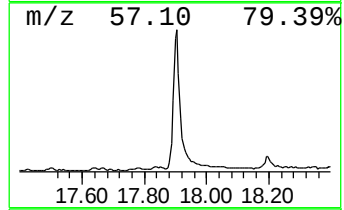
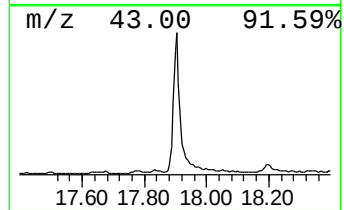
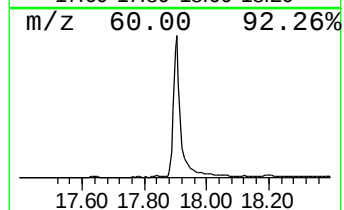
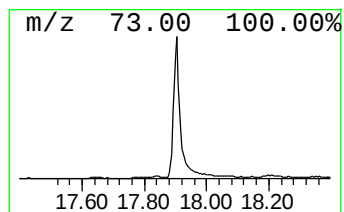
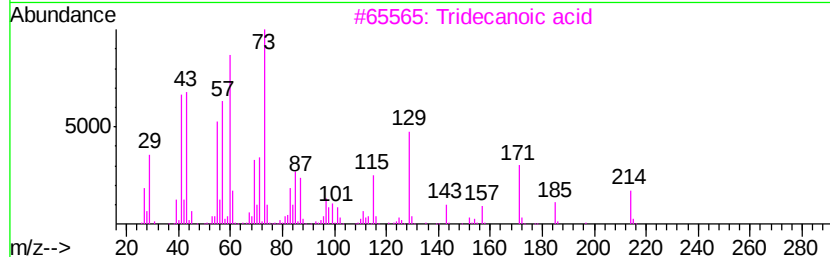
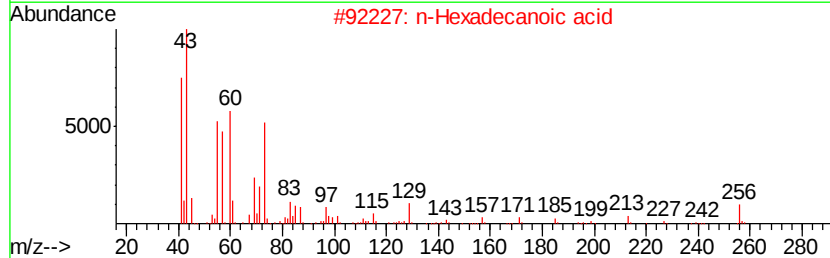
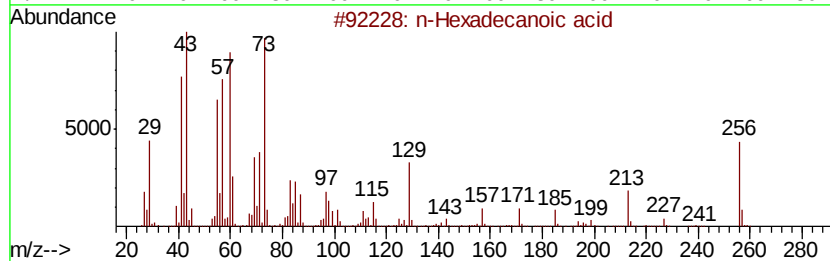
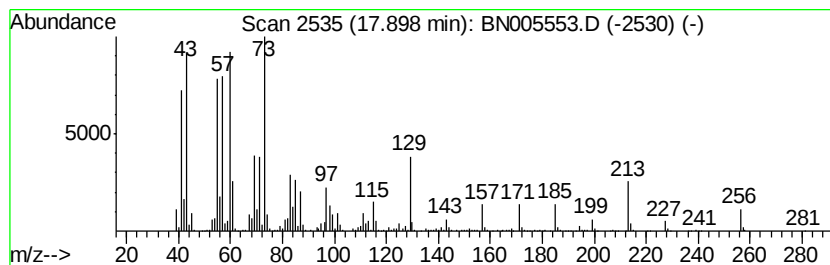
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	13.32 ng/ul	3180190	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	94
3	Tridecanoic acid	214 C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228 C14H28O2	000544-63-8	91
5	Tridecanoic acid	214 C13H26O2	000638-53-9	76



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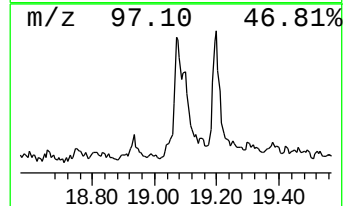
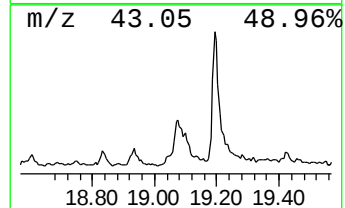
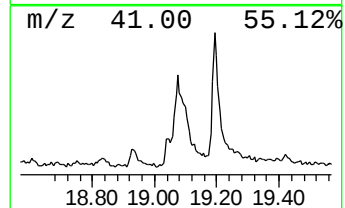
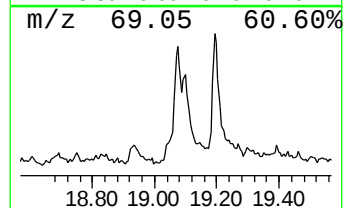
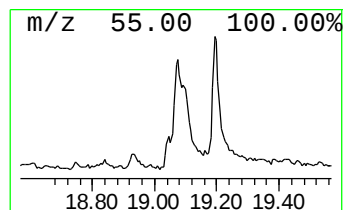
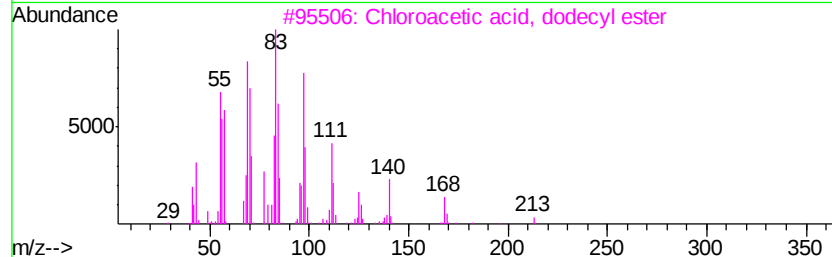
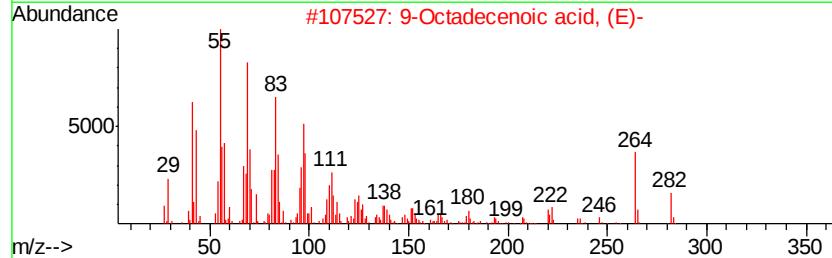
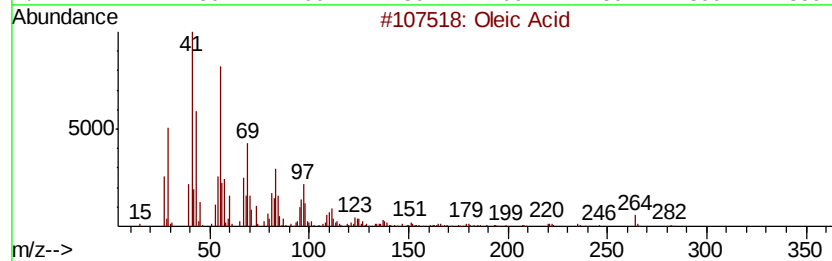
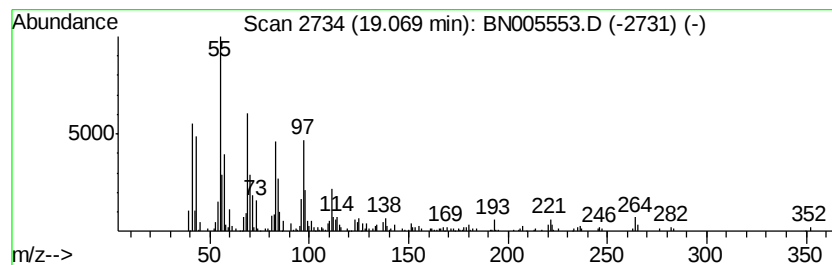
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oleic Acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.25 ng/ul	1015440	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid		282	C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-		282	C18H34O2	000112-79-8	91
3	Chloroacetic acid, dodecyl ester		262	C14H27ClO2	006316-04-7	83
4	Oleic Acid		282	C18H34O2	000112-80-1	64
5	1-Tridecene		182	C13H26	002437-56-1	46



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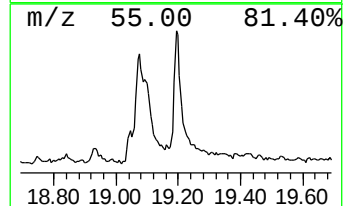
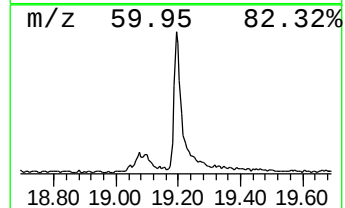
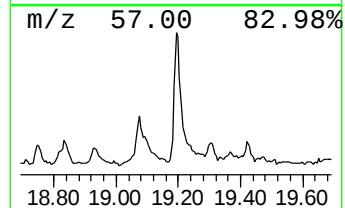
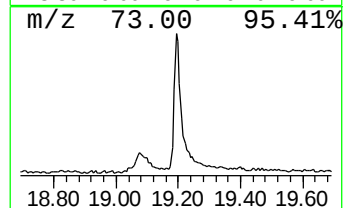
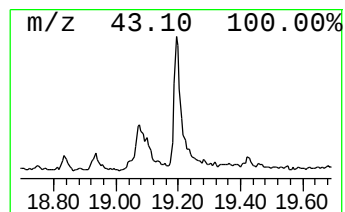
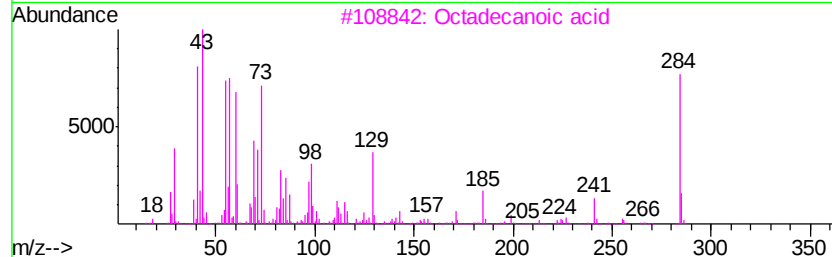
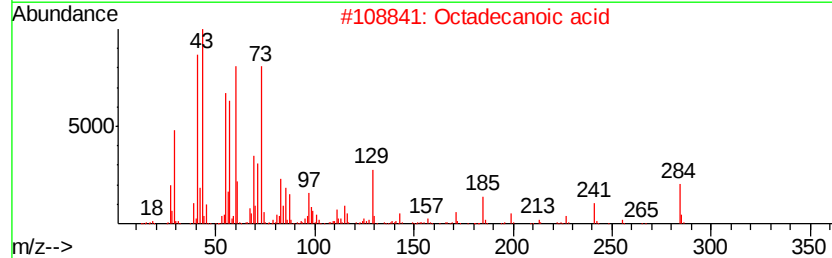
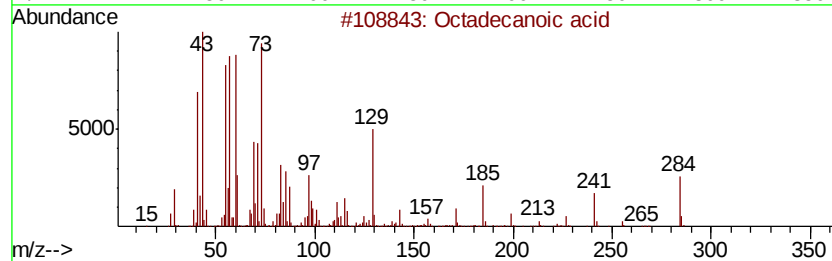
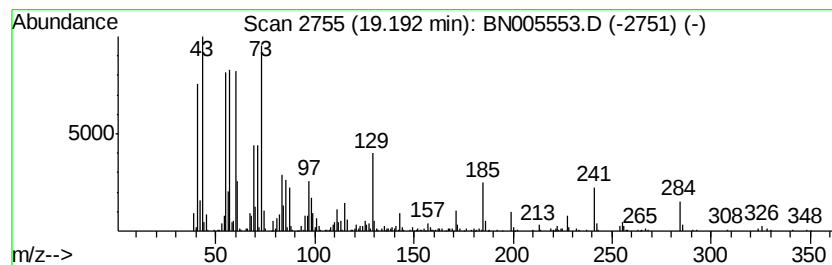
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Peak Number 3 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.19	5.46 ng/ul	1037940	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	98
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	91
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

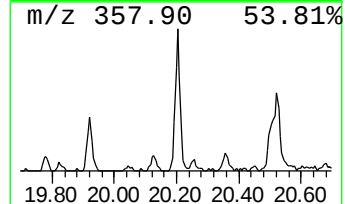
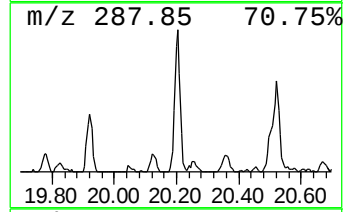
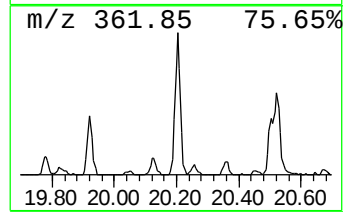
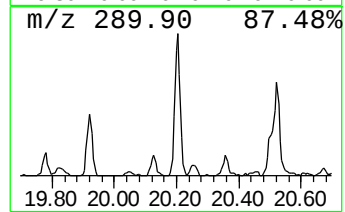
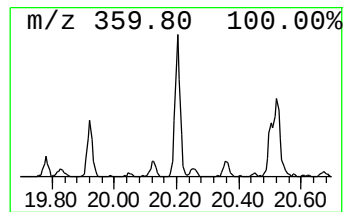
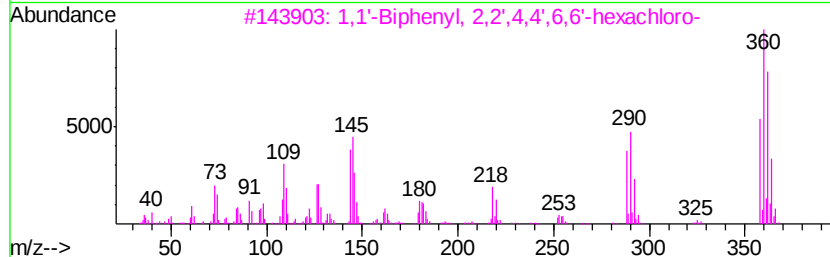
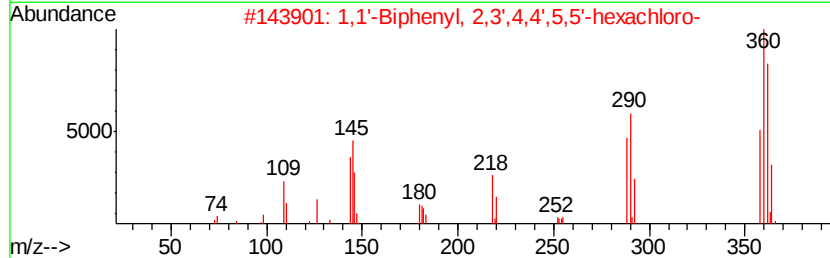
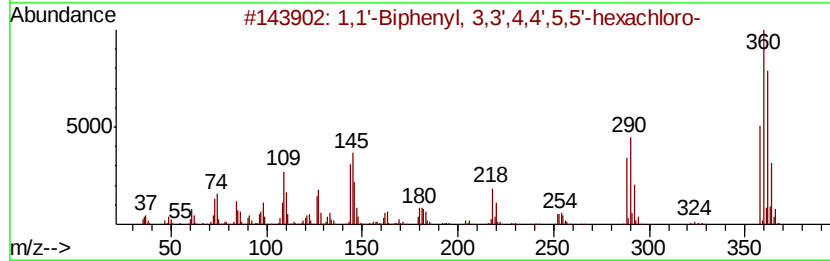
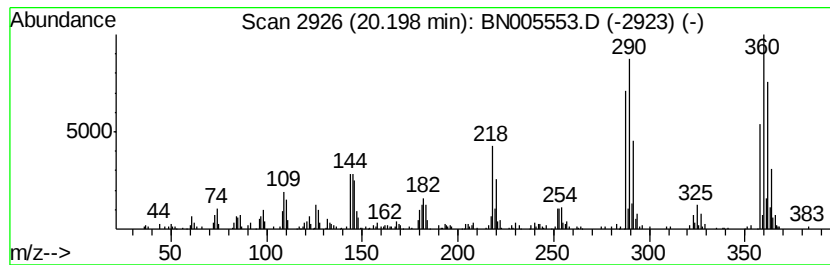
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.20	2.74 ng/ul	521983	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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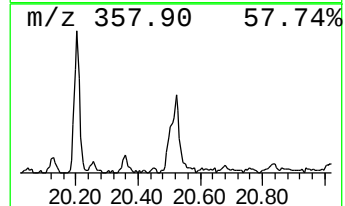
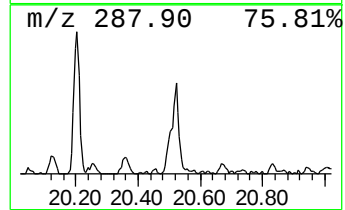
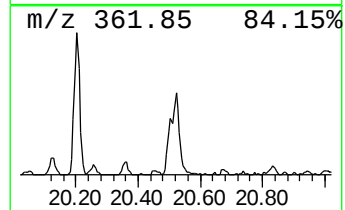
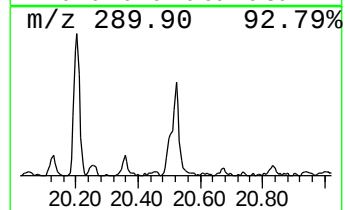
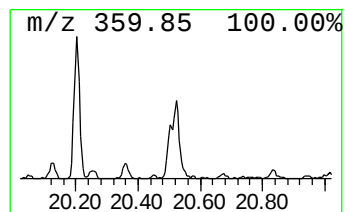
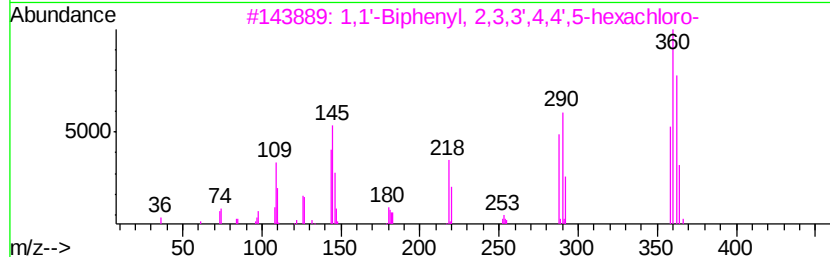
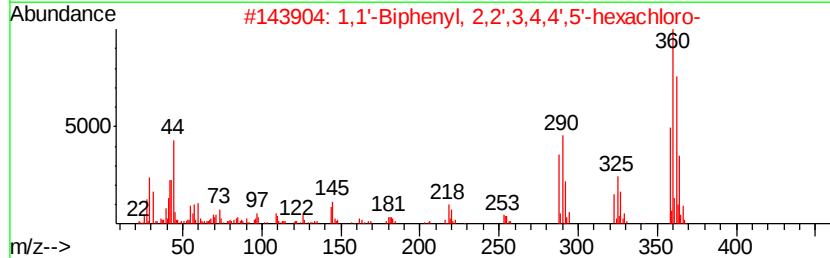
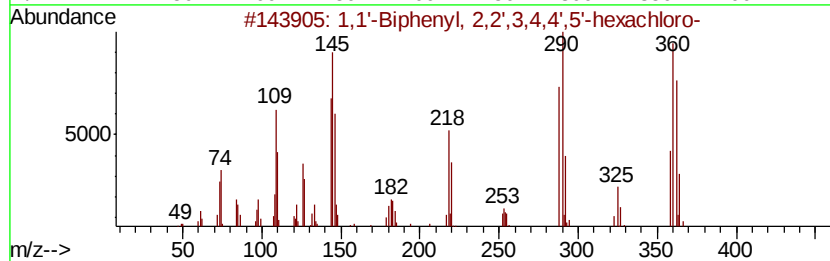
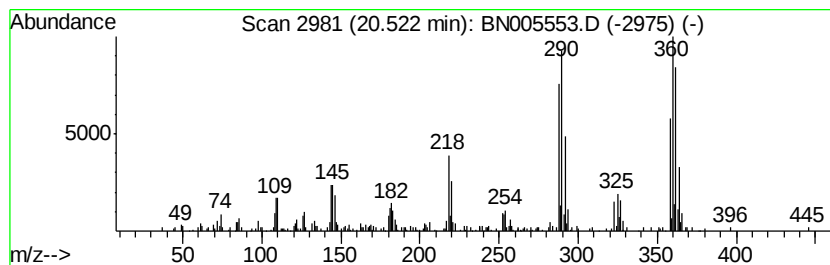
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.21 ng/ul	419521	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	96
4		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	95
5		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

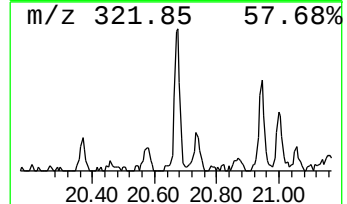
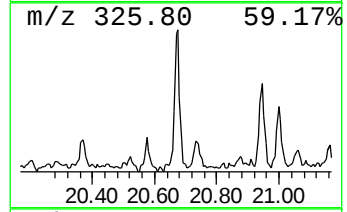
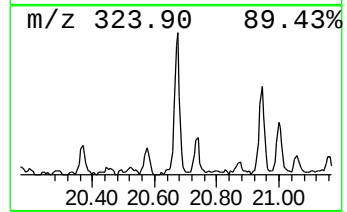
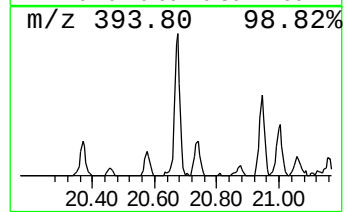
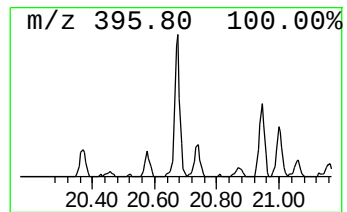
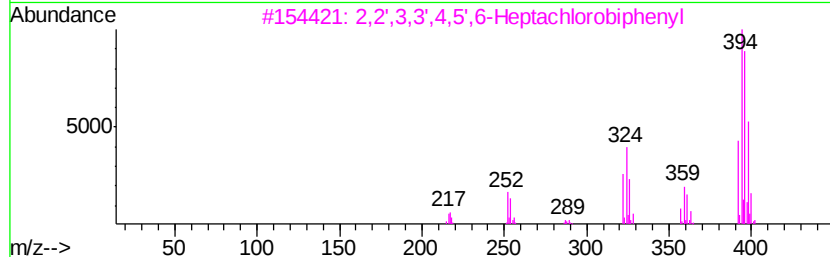
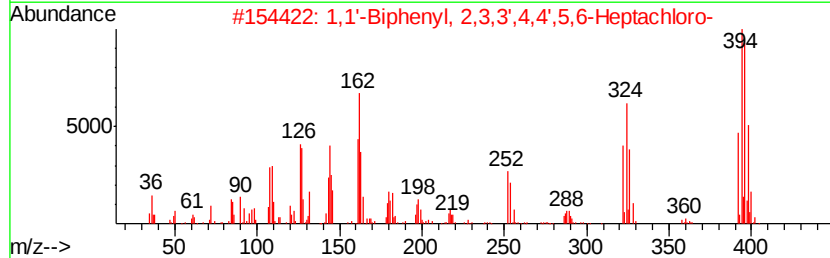
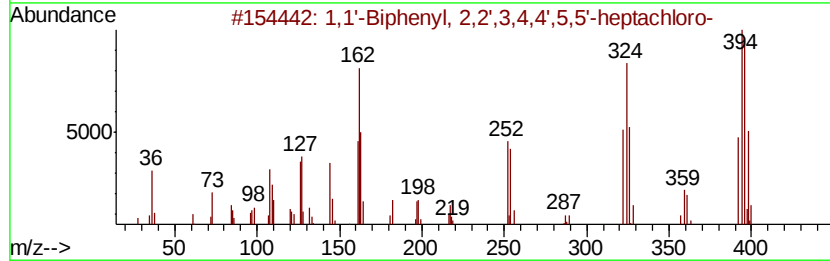
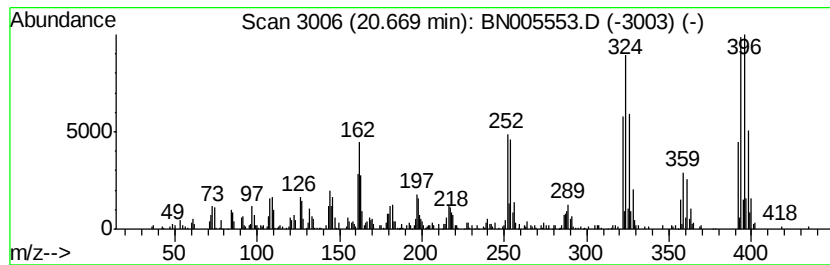
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.67	2.04 ng/ul	387083	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99	
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99	
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99	
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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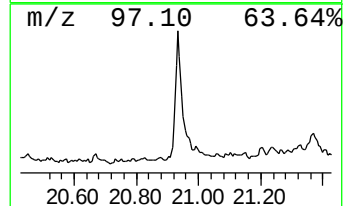
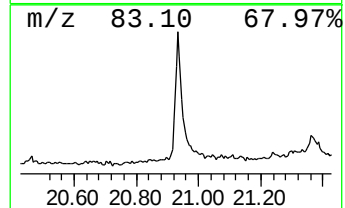
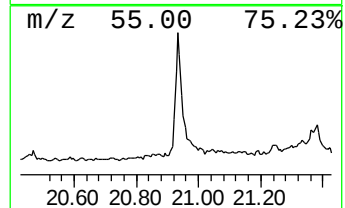
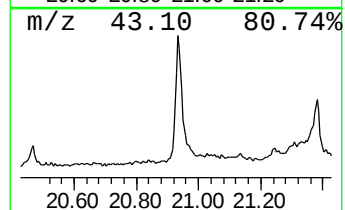
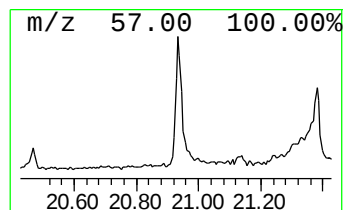
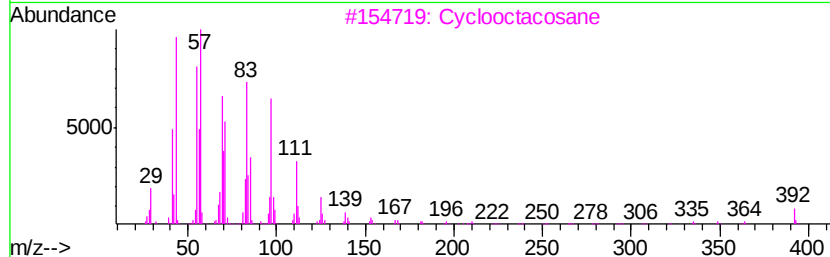
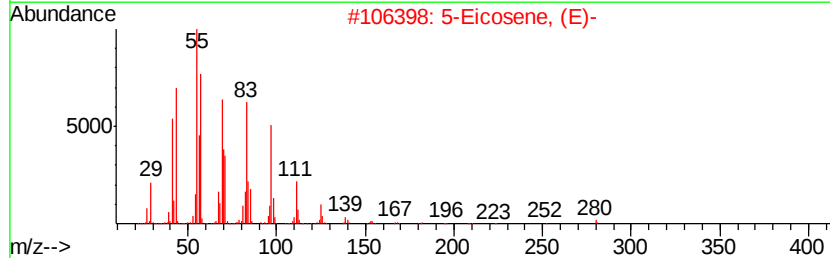
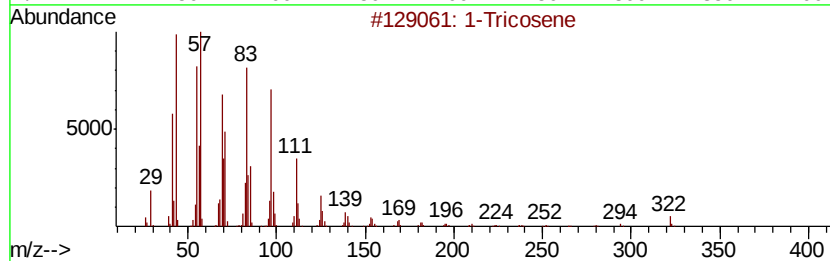
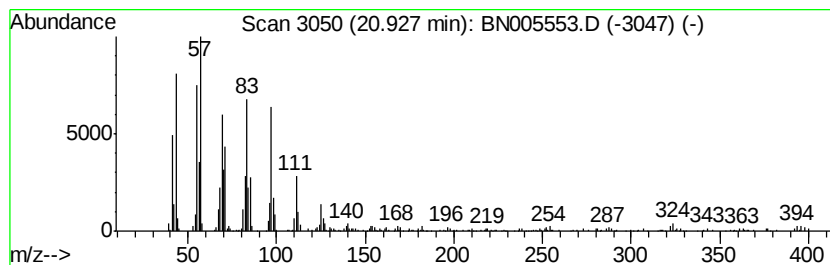
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic20.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.47 ng/ul	1040650	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	99
2	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
3	Cyclooctacosane		392	C28H56	000297-24-5	95
4	9-Tricosene, (Z)-		322	C23H46	027519-02-4	93
5	9-Tricosene, (Z)-		322	C23H46	027519-02-4	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
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Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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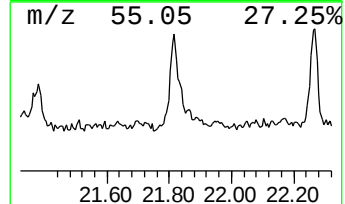
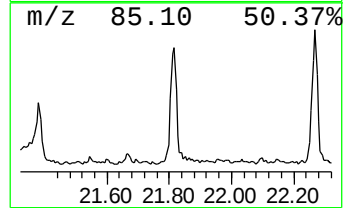
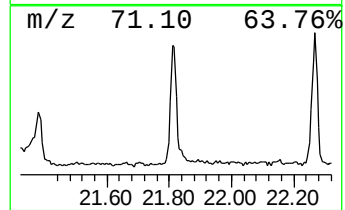
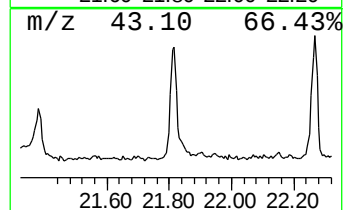
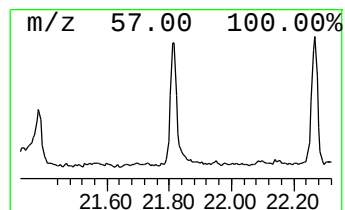
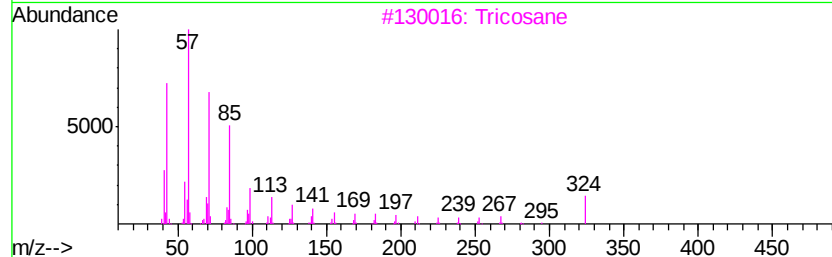
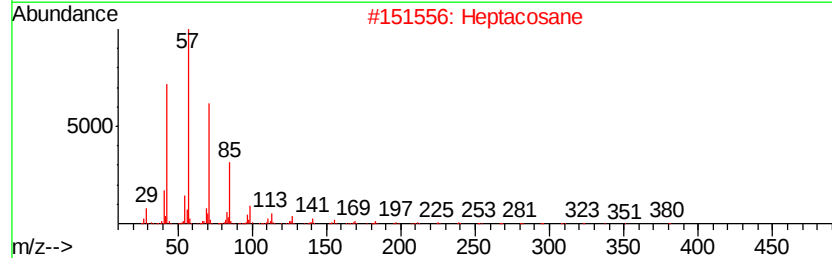
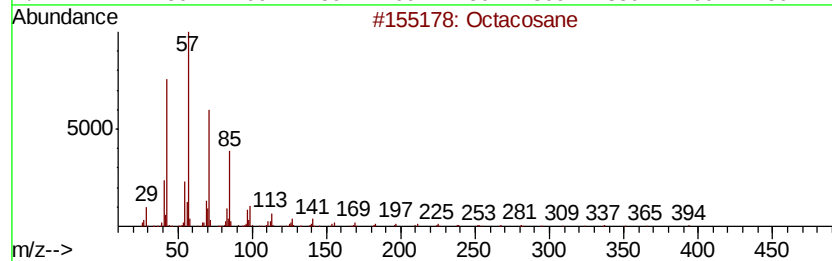
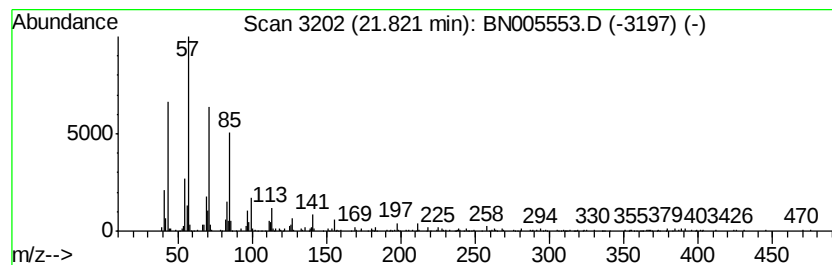
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	4.06 ng/ul	771260	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	99
2			Heptacosane	380	C27H56	000593-49-7	97
3			Tricosane	324	C23H48	000638-67-5	93
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5			Docosane, 9-butyl-	366	C26H54	055282-14-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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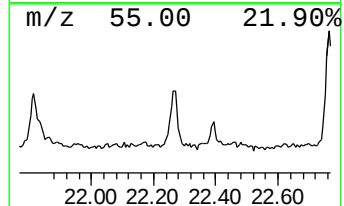
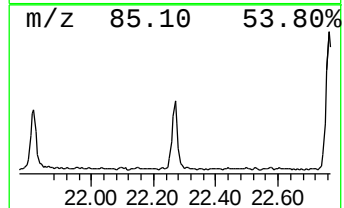
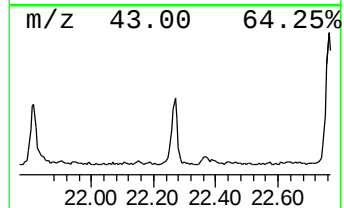
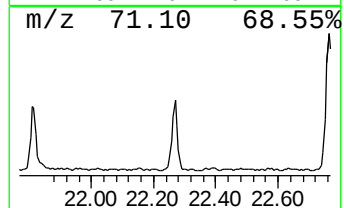
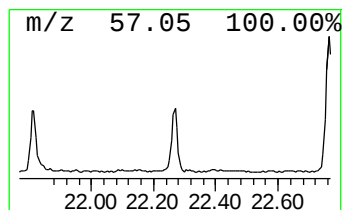
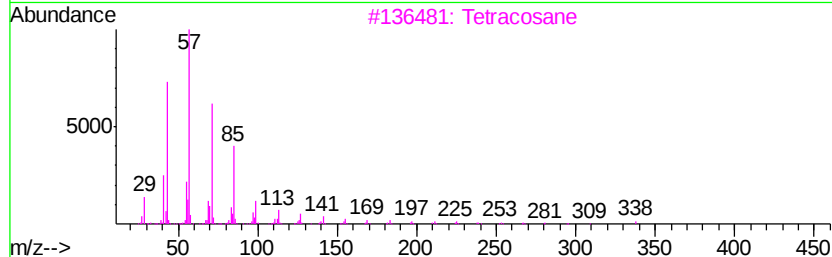
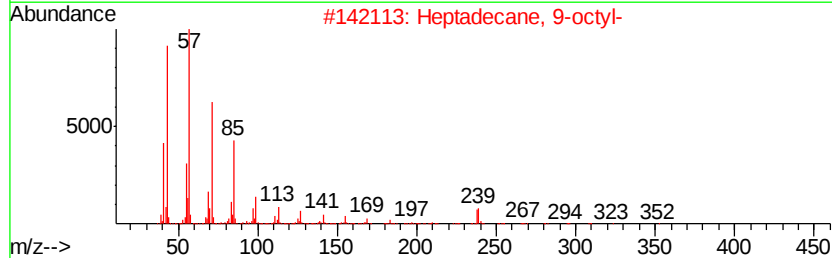
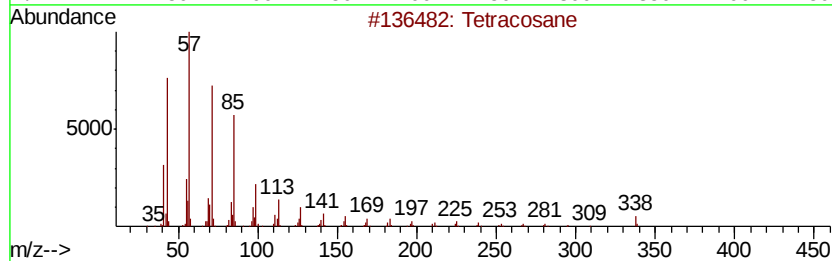
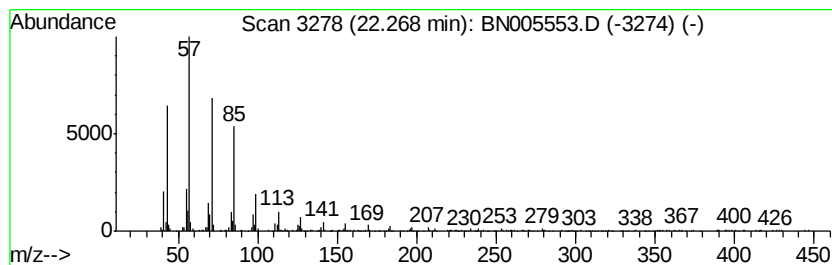
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.17 ng/ul	602602	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Tetracosane	338	C24H50	000646-31-1	93
4		Tetracosane	338	C24H50	000646-31-1	93
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
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Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

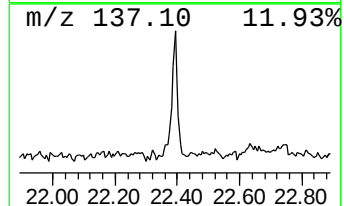
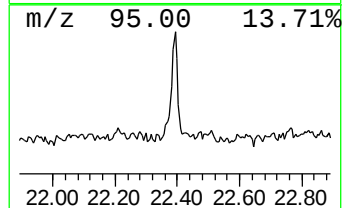
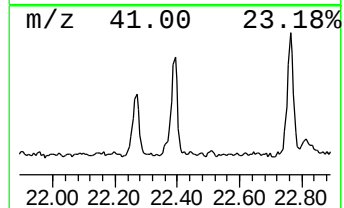
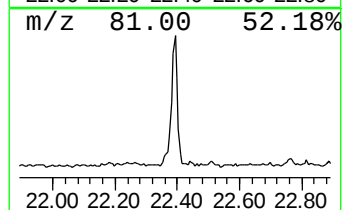
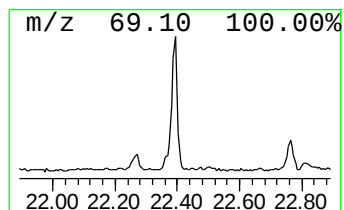
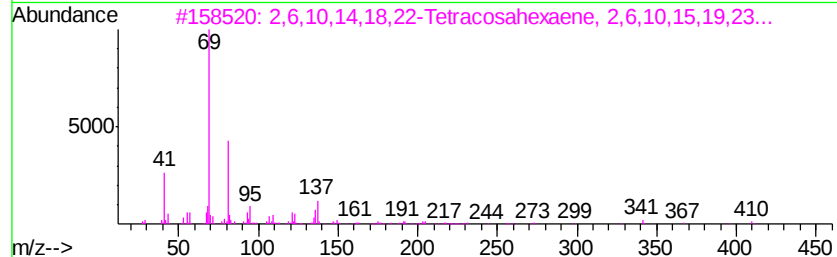
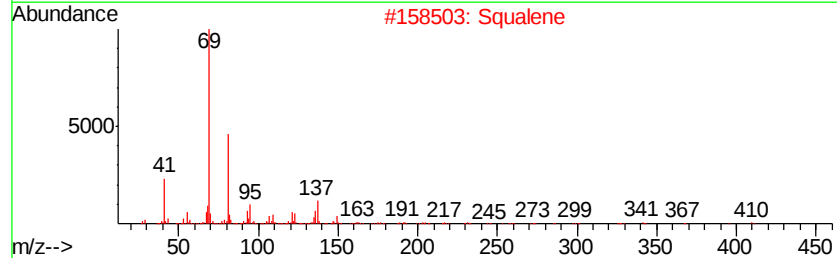
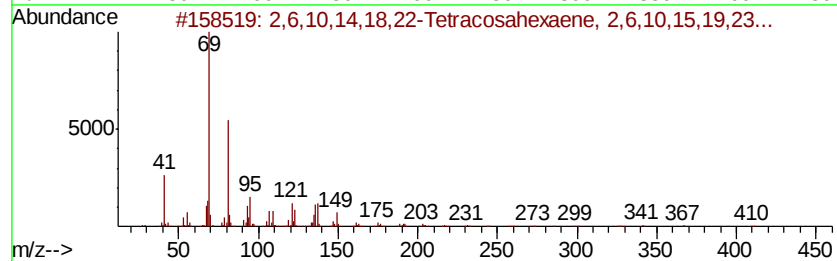
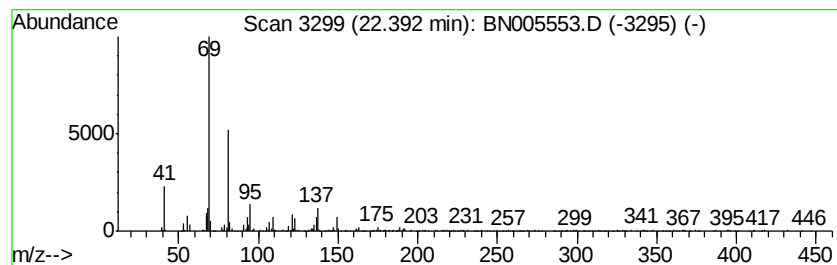
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	3.44 ng/ul	595054	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
2	Squalene	410 C30H50	007683-64-9	87
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	83
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	72
5	3,7,11-Tridecatrienitrile, 4,8...	231 C16H25N	006006-01-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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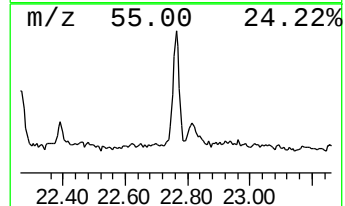
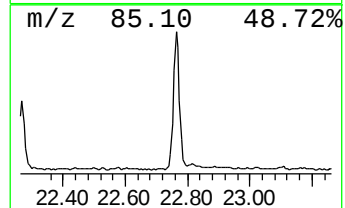
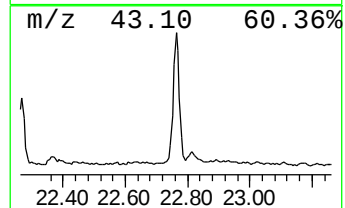
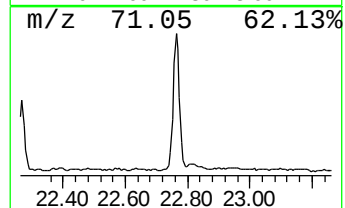
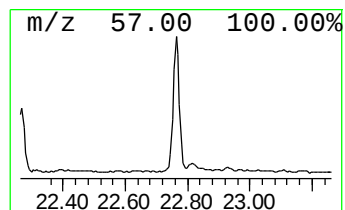
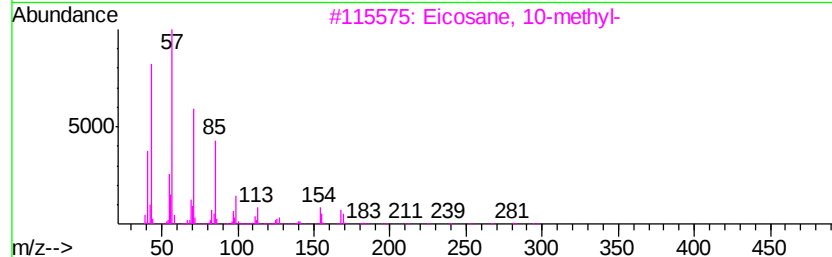
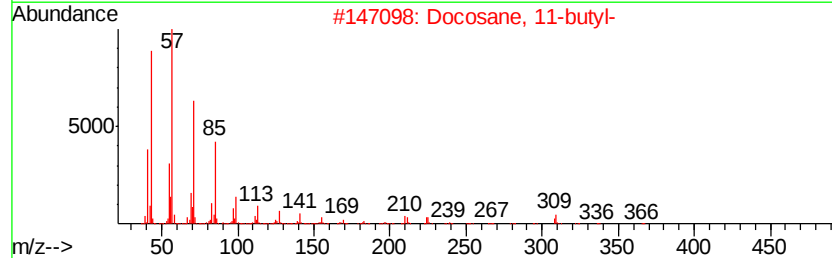
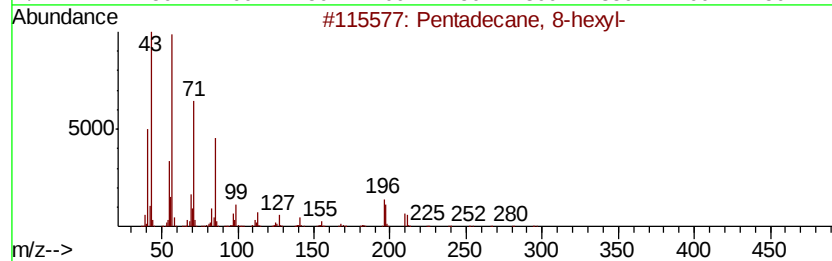
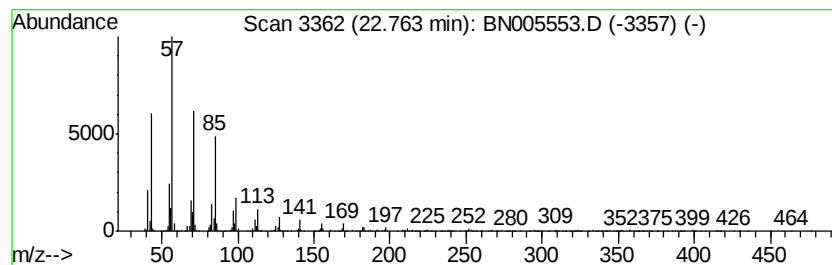
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	7.30 ng/ul	1262290	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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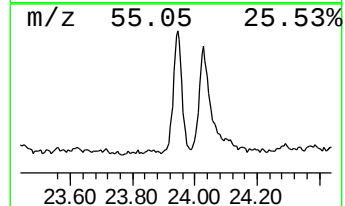
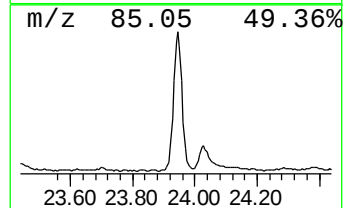
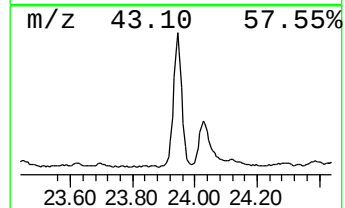
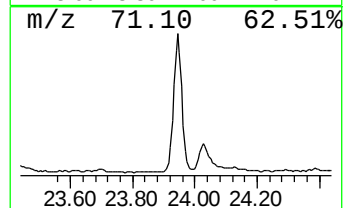
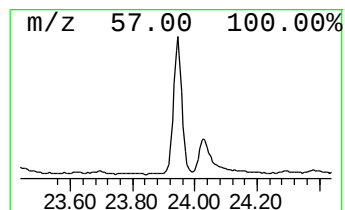
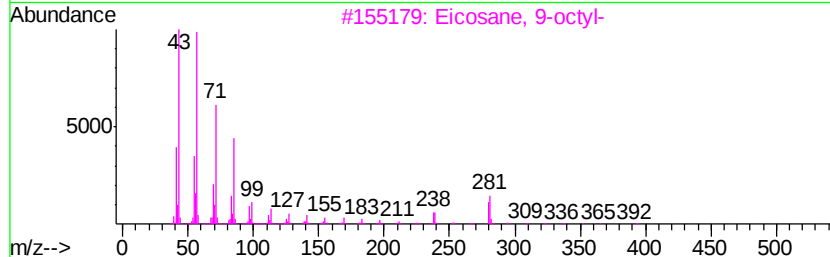
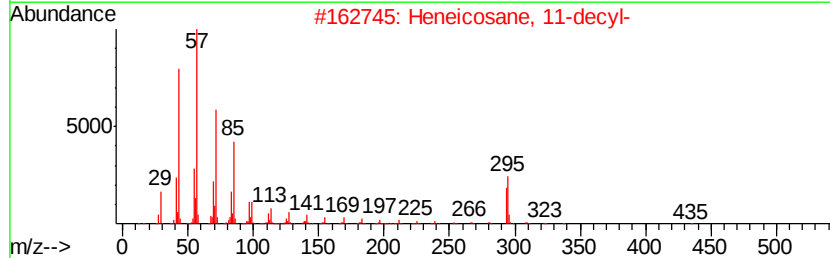
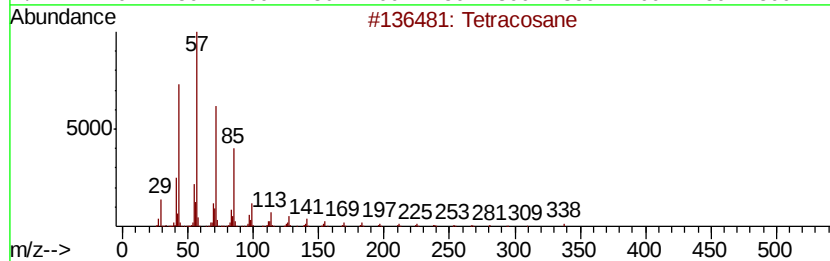
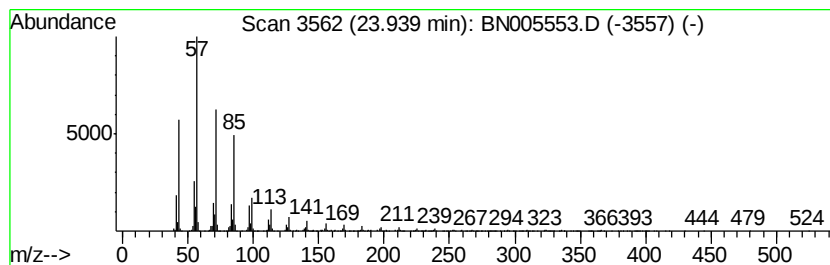
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	12.50 ng/ul	2160570	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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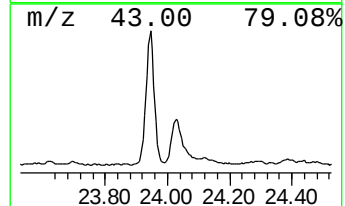
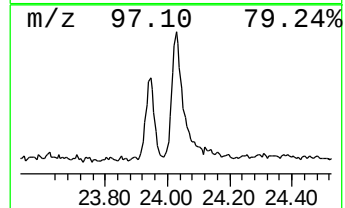
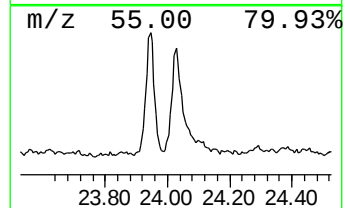
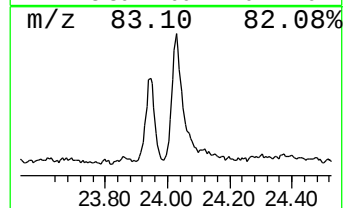
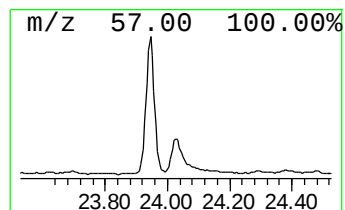
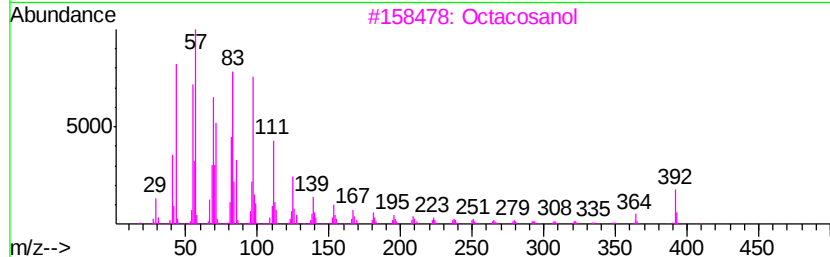
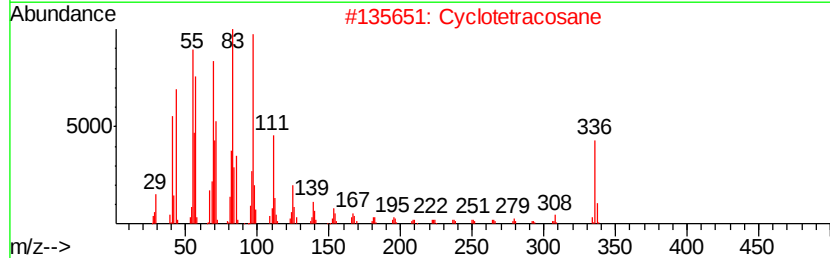
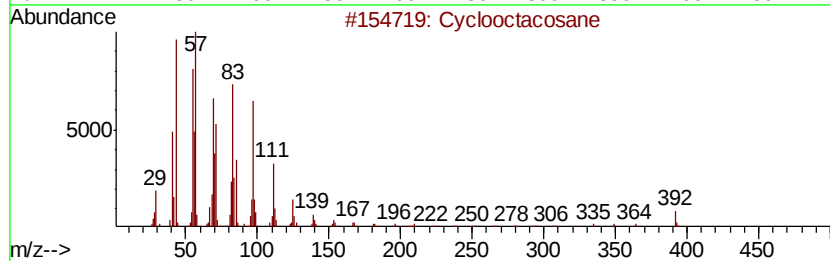
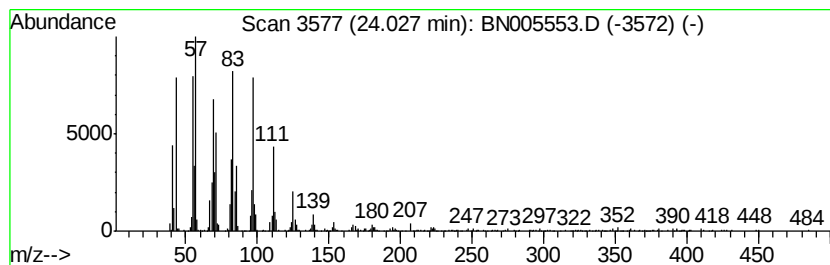
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic24.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	7.78 ng/ul	1345130	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctacosane	392	C28H56	000297-24-5	95
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		Octacosanol	410	C28H58O	000557-61-9	94
4		1-Docosene	308	C22H44	001599-67-3	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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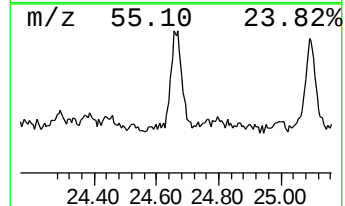
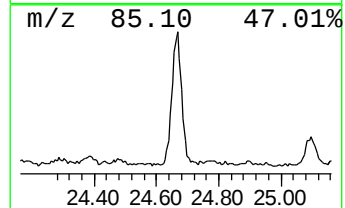
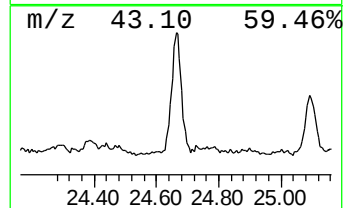
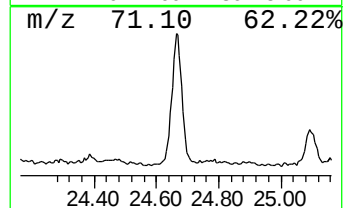
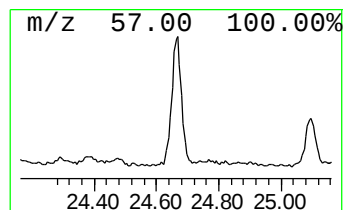
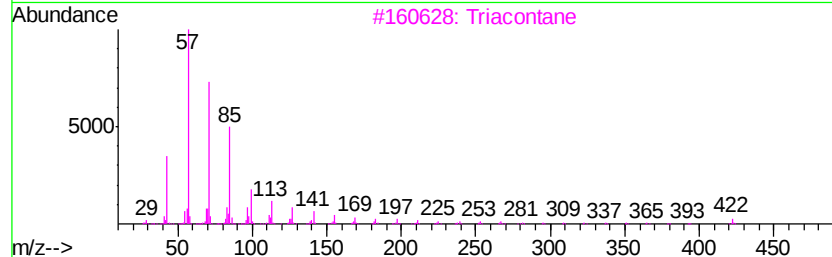
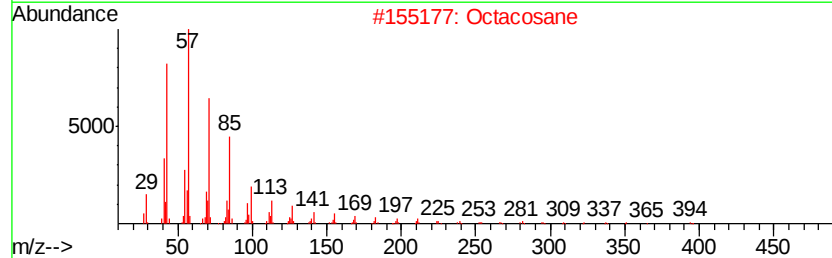
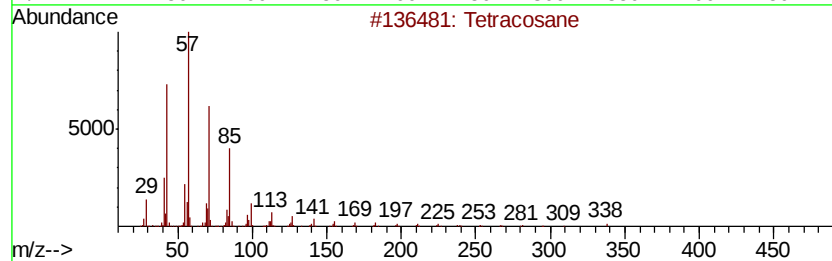
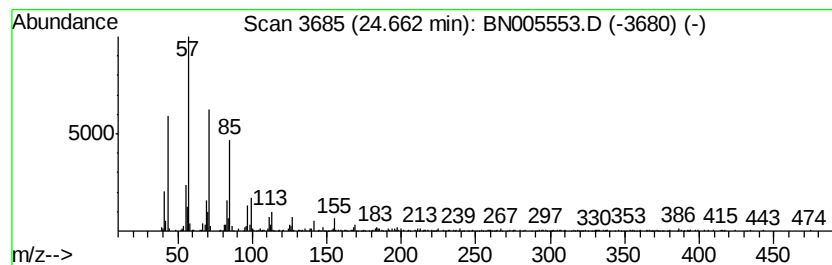
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	5.38 ng/ul	930544	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Octacosane	394	C28H58	000630-02-4	94
3		triacontane	422	C30H62	000638-68-6	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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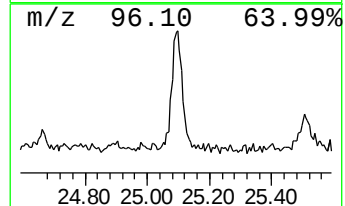
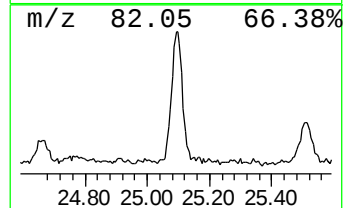
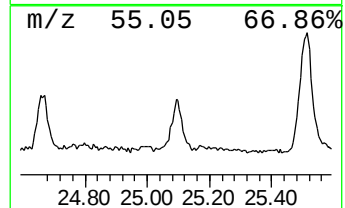
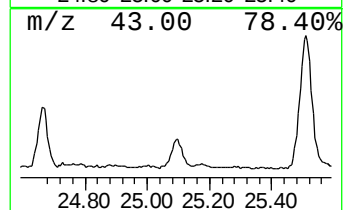
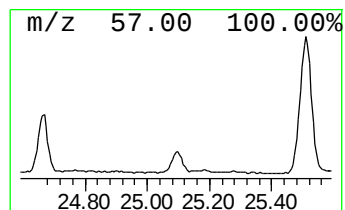
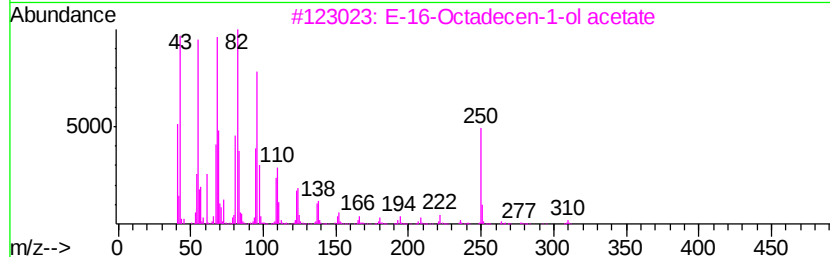
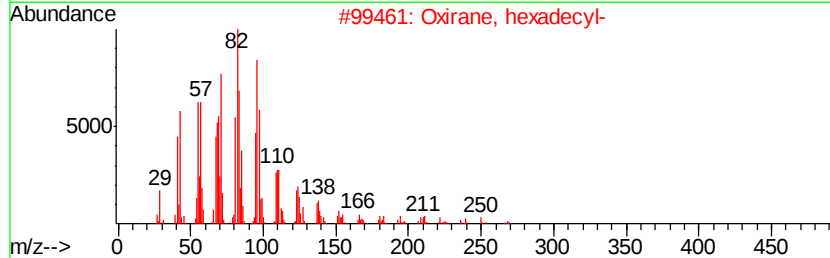
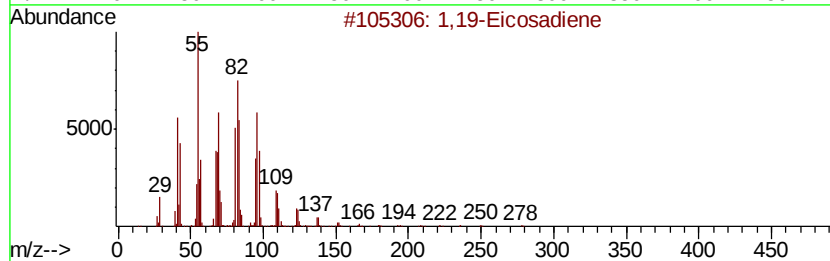
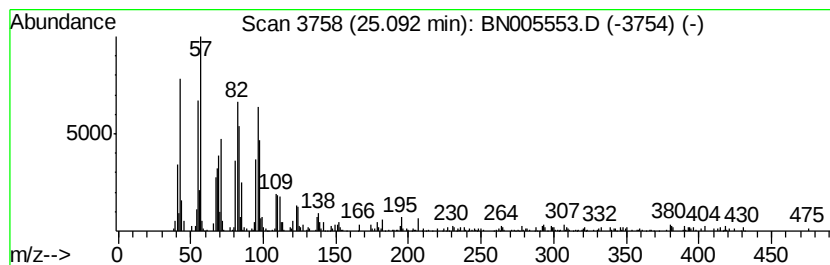
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.09	3.74 ng/ul	647300	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3		E-16-Octadecen-1-ol acetate	310	C20H38O2	1000130-94-2	89
4		E-11-Octadecen-1-ol acetate	310	C20H38O2	1000130-93-8	89
5		E-13-Octadecen-1-ol acetate	310	C20H38O2	1000130-93-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
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Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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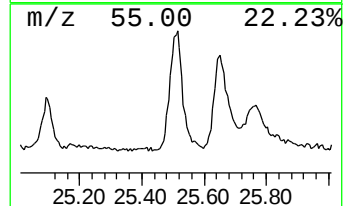
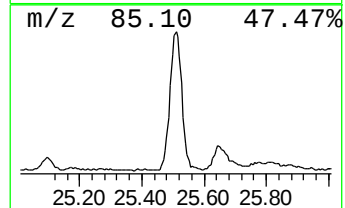
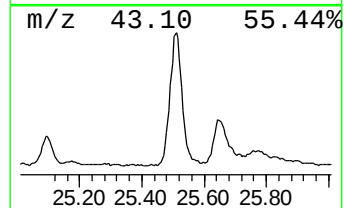
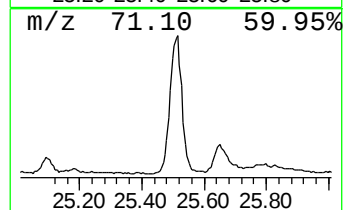
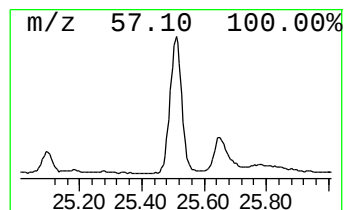
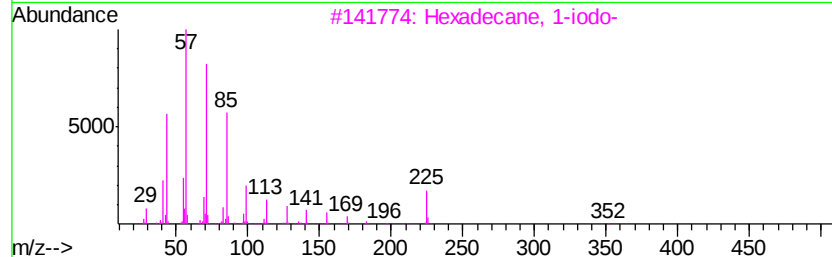
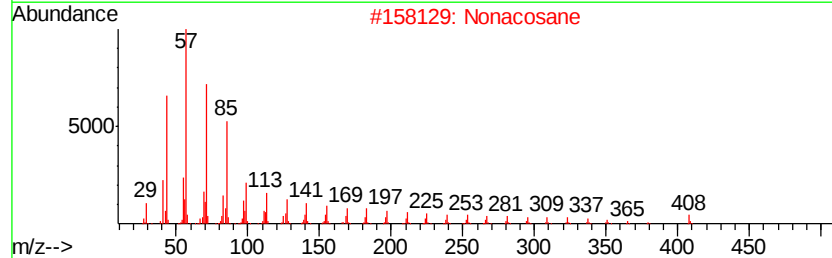
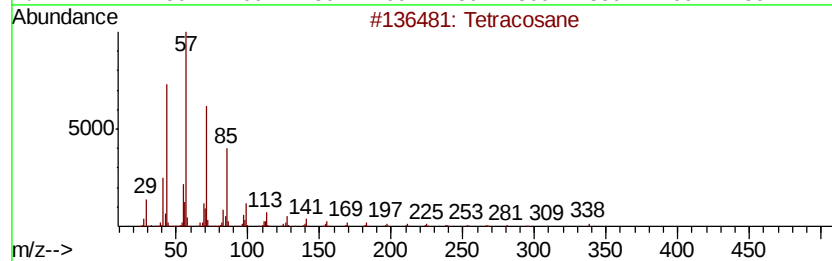
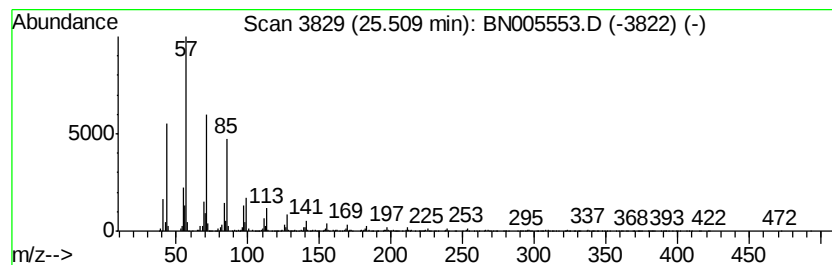
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.51	15.77 ng/ul	2727150	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Nonacosane	408	C29H60	000630-03-5	95
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
4		Tricosane	324	C23H48	000638-67-5	95
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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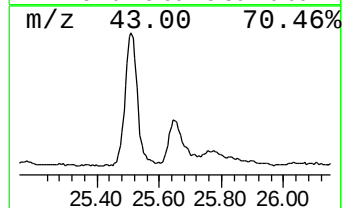
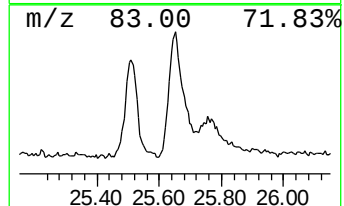
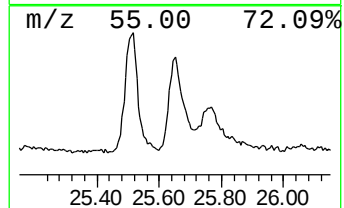
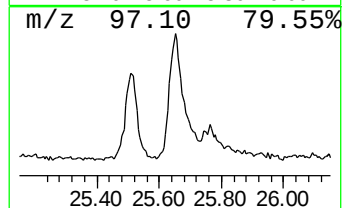
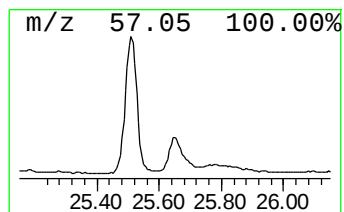
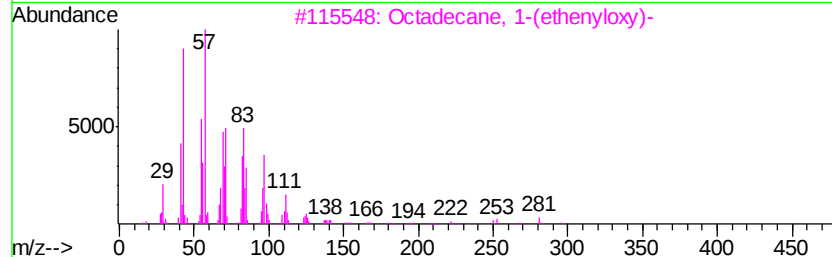
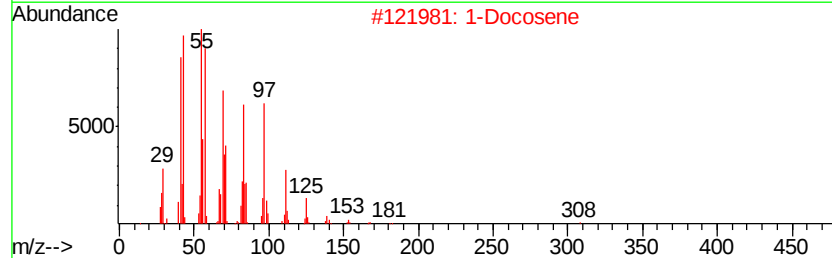
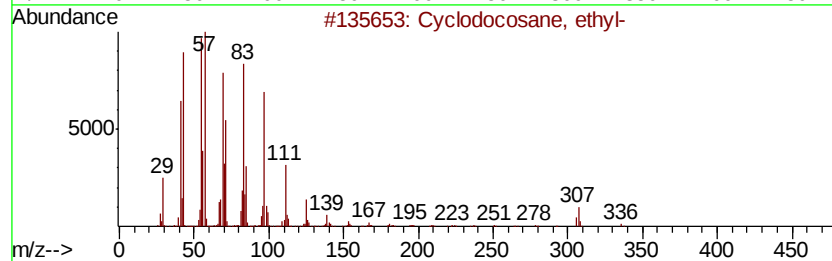
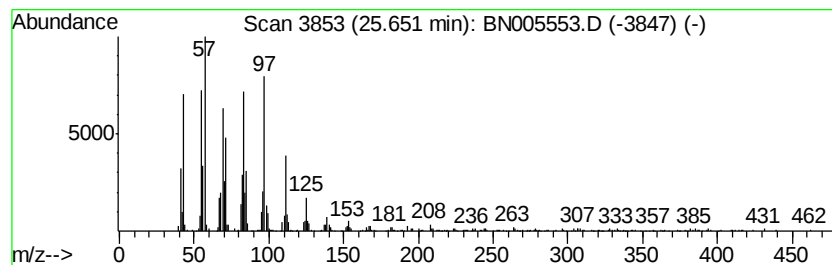
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic25.65 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.65	7.00 ng/ul	1211010	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
2		1-Docosene	308	C22H44	001599-67-3	94
3		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	90
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	89
5		17-Pentatriacontene	491	C35H70	006971-40-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

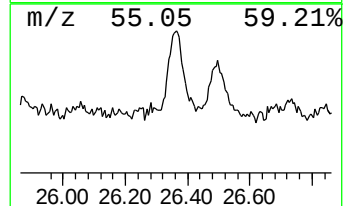
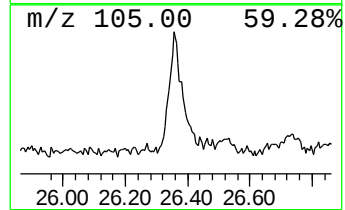
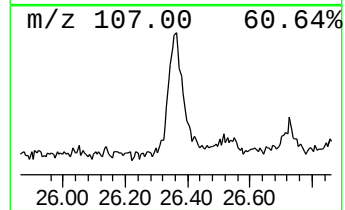
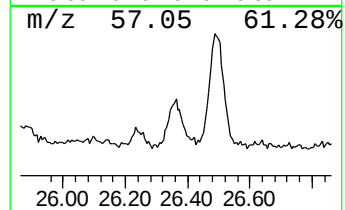
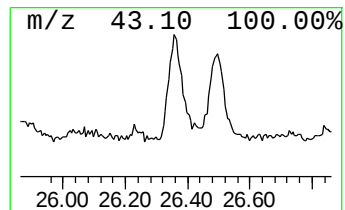
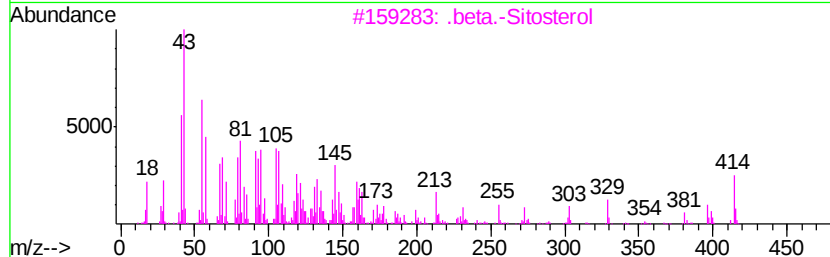
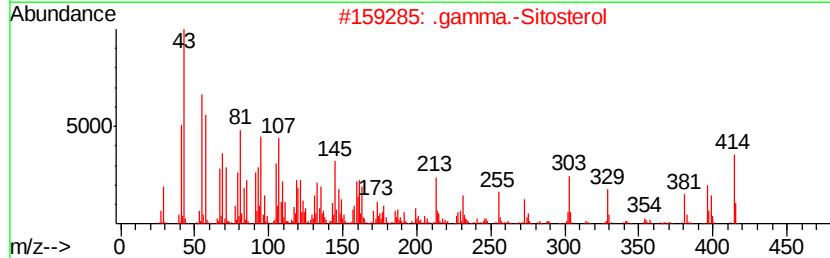
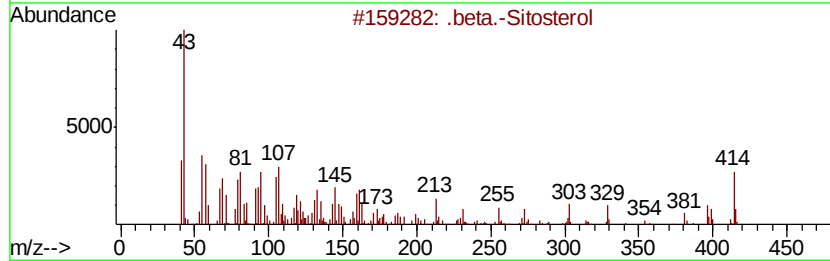
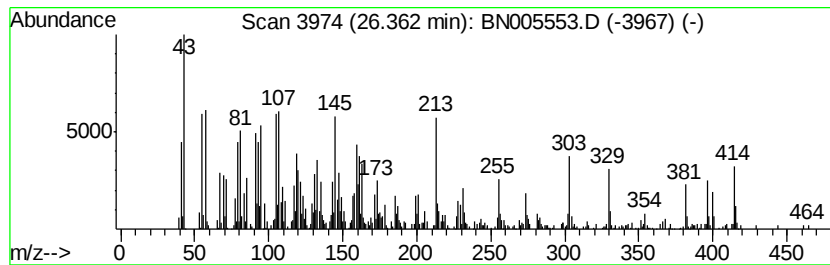
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	8.37 ng/ul	1447340	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 97
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 97
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 96
4		.beta.-Sitosterol	414 C29H50O	000083-46-5 42
5		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
Data File : BN005553.D
Acq On : 09 May 2019 03:31
Operator : JU/SJ
Sample : K2602-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BFH48

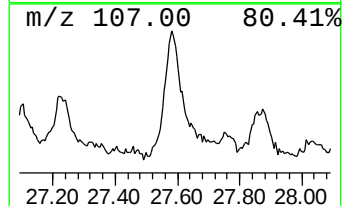
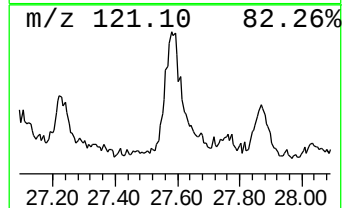
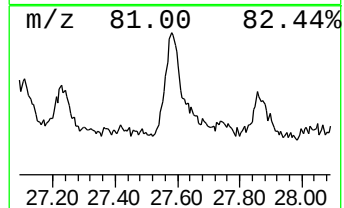
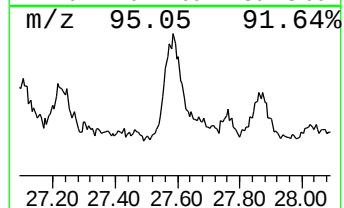
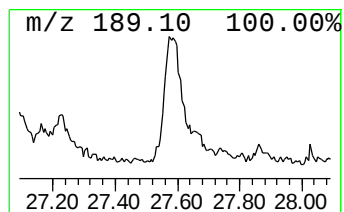
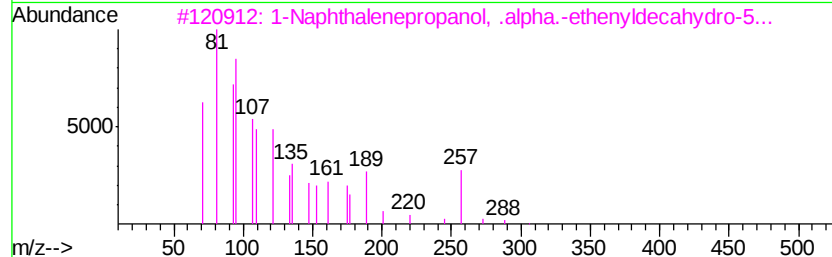
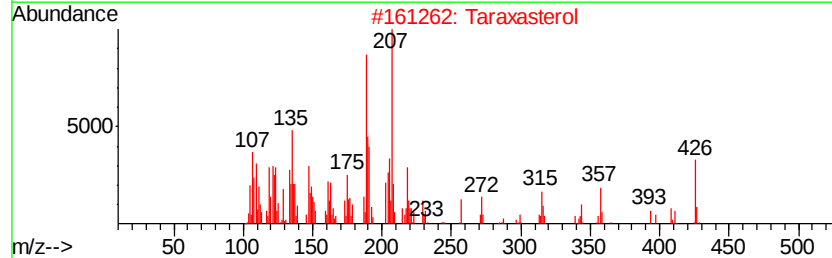
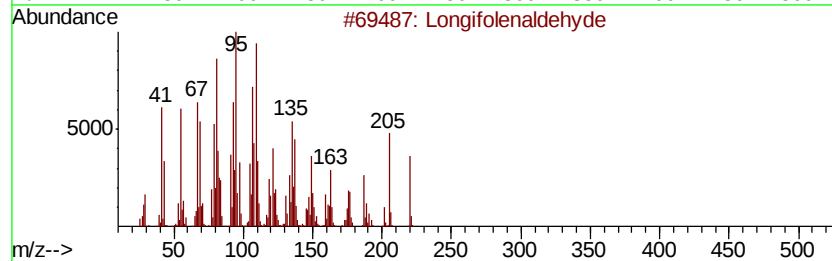
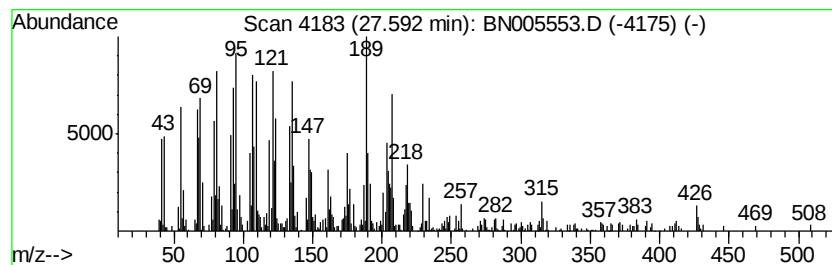
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Longifolenaldehyde Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	6.09 ng/ul	1053310	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Longifolenaldehyde	220	C15H24O	019890-84-7	60
2		Taraxasterol	426	C30H50O	001059-14-9	59
3		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	58
4		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	45
5		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\
 Data File : BN005553.D
 Acq On : 09 May 2019 03:31
 Operator : JU/SJ
 Sample : K2602-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
n-Hexadecanoic acid	17.90	13.3	ng/ul	3180190	4	16.98	4775780	20.0
Oleic Acid	19.07	4.3	ng/ul	1015440	4	16.98	4775780	20.0
Octadecanoic acid	19.19	5.5	ng/ul	1037940	5	21.20	3803960	20.0
1,1'-Biphenyl, 3,...	20.20	2.7	ng/ul	521983	5	21.20	3803960	20.0
1,1'-Biphenyl, 2,...	20.52	2.2	ng/ul	419521	5	21.20	3803960	20.0
1,1'-Biphenyl, 2,...	20.67	2.0	ng/ul	387083	5	21.20	3803960	20.0
(DEL) Alkane: Cyc...	20.93	5.5	ng/ul	1040650	5	21.20	3803960	20.0
(DEL) Alkane: Str...	21.82	4.1	ng/ul	771260	5	21.20	3803960	20.0
(DEL) Alkane: Str...	22.27	3.2	ng/ul	602602	5	21.20	3803960	20.0
2,6,10,14,18,22-T...	22.39	3.4	ng/ul	595054	6	23.40	3458300	20.0
(DEL) Alkane: Str...	22.76	7.3	ng/ul	1262290	6	23.40	3458300	20.0
(DEL) Alkane: Str...	23.94	12.5	ng/ul	2160570	6	23.40	3458300	20.0
(DEL) Alkane: Cyc...	24.03	7.8	ng/ul	1345130	6	23.40	3458300	20.0
(DEL) Alkane: Str...	24.66	5.4	ng/ul	930544	6	23.40	3458300	20.0
1,19-Eicosadiene	25.09	3.7	ng/ul	647300	6	23.40	3458300	20.0
(DEL) Alkane: Str...	25.51	15.8	ng/ul	2727150	6	23.40	3458300	20.0
(DEL) Alkane: Cyc...	25.65	7.0	ng/ul	1211010	6	23.40	3458300	20.0
.beta.-Sitosterol	26.36	8.4	ng/ul	1447340	6	23.40	3458300	20.0
Longifolenaldehyde	27.59	6.1	ng/ul	1053310	6	23.40	3458300	20.0