

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019593.D
 Acq On : 29 Mar 2019 23:15
 Operator : JU/SJ
 Sample : K2084-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7T2

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_M\METHODS\SOM-EPA-BM032219MA.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	3.128	21	24	33	rVB	22784	41175	1.02%	0.114%
2	6.763	636	642	658	rBV	260680	545436	13.50%	1.504%
3	6.934	665	671	683	rBV	208047	404094	10.00%	1.114%
4	7.110	695	701	715	rBV	326584	563765	13.95%	1.554%
5	7.575	774	780	790	rBV	405772	689604	17.07%	1.901%
6	8.293	896	902	920	rBV	342621	662673	16.40%	1.827%
7	8.751	973	980	999	rBV	270686	533020	13.19%	1.469%
8	9.075	1031	1035	1042	rVB2	12105	16648	0.41%	0.046%
9	9.463	1095	1101	1118	rBV	235021	439932	10.89%	1.213%
10	9.998	1185	1192	1208	rBV	279034	658987	16.31%	1.817%
11	10.357	1244	1253	1264	rBV	598437	1013766	25.09%	2.795%
12	10.539	1278	1284	1304	rBV2	79093	233890	5.79%	0.645%
13	11.992	1527	1531	1535	rBV2	2472	4189	0.10%	0.012%
14	13.657	1808	1814	1819	rBV	850117	1196619	29.62%	3.299%
15	13.704	1819	1822	1836	rVB	216602	340928	8.44%	0.940%
16	13.927	1854	1860	1876	rBV	958167	1421726	35.19%	3.919%
17	14.239	1906	1913	1924	rBV2	957480	1436422	35.55%	3.960%
18	14.492	1951	1956	1976	rBV	117404	405667	10.04%	1.118%
19	14.669	1982	1986	1995	rVB6	11627	23647	0.59%	0.065%
20	15.033	2042	2048	2052	rBV3	3188	5920	0.15%	0.016%
21	15.080	2052	2056	2062	rVB4	5260	7128	0.18%	0.020%
22	15.239	2074	2083	2093	rBV	1250224	1857925	45.99%	5.122%
23	15.386	2102	2108	2120	rBV	294889	477963	11.83%	1.318%
24	15.480	2120	2124	2130	rVB3	15201	23253	0.58%	0.064%
25	15.945	2198	2203	2208	rBV2	4477	7149	0.18%	0.020%
26	16.027	2211	2217	2220	rVB3	4089	5569	0.14%	0.015%
27	16.133	2232	2235	2238	rBV	4830	4607	0.11%	0.013%
28	16.416	2277	2283	2286	rBV3	3763	6975	0.17%	0.019%
29	16.745	2334	2339	2341	rBV4	4563	7307	0.18%	0.020%
30	16.786	2343	2346	2350	rVB3	3871	6110	0.15%	0.017%
31	16.998	2375	2382	2392	rBV	1223018	1744245	43.17%	4.808%
32	17.098	2392	2399	2418	rVB2	1375050	2076804	51.41%	5.725%
33	17.286	2426	2431	2435	rVB3	11373	14856	0.37%	0.041%
34	17.339	2435	2440	2444	rVV	20966	24856	0.62%	0.069%

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35	17.380	2444	2447	2455	rVB4	5396	10696	0.26%	0.029%
36	17.480	2460	2464	2470	rVB3	4769	6881	0.17%	0.019%
37	17.768	2508	2513	2514	rBV3	2976	4266	0.11%	0.012%
38	17.886	2527	2533	2546	rBV	129690	236206	5.85%	0.651%
39	18.174	2579	2582	2589	rVV5	13974	21511	0.53%	0.059%
40	18.580	2646	2651	2652	rBV4	3475	5547	0.14%	0.015%
41	18.610	2652	2656	2660	rVV	25689	33470	0.83%	0.092%
42	18.651	2660	2663	2667	rVV	52899	61469	1.52%	0.169%
43	18.692	2667	2670	2673	rVV3	4285	5059	0.13%	0.014%
44	18.757	2676	2681	2682	rVV4	6949	8739	0.22%	0.024%
45	18.815	2688	2691	2695	rBV4	10437	12148	0.30%	0.033%
46	19.033	2724	2728	2739	rBV4	25777	63754	1.58%	0.176%
47	19.180	2749	2753	2762	rBV2	58234	97790	2.42%	0.270%
48	19.292	2769	2772	2776	rBV2	10898	11458	0.28%	0.032%
49	19.351	2780	2782	2785	rBV4	5748	4695	0.12%	0.013%
50	19.404	2785	2791	2796	rBV	1908049	2602693	64.42%	7.175%
51	19.739	2844	2848	2851	rBV	430761	444821	11.01%	1.226%
52	19.780	2851	2855	2864	rVB	844330	896383	22.19%	2.471%
53	19.915	2874	2878	2879	rBV4	19200	22844	0.57%	0.063%
54	19.939	2879	2882	2886	rVB	43566	46598	1.15%	0.128%
55	20.433	2962	2966	2970	rBV	75251	100938	2.50%	0.278%
56	20.474	2971	2973	2976	rVV2	13585	13665	0.34%	0.038%
57	20.721	3011	3015	3017	rBV	180490	209508	5.19%	0.578%
58	20.751	3017	3020	3028	rVB	368376	393069	9.73%	1.084%
59	20.903	3041	3046	3054	rBV	598334	754316	18.67%	2.079%
60	21.203	3091	3097	3107	rBV	1812976	2513838	62.22%	6.930%
61	21.339	3116	3120	3124	rBV	173808	201748	4.99%	0.556%
62	21.586	3159	3162	3164	rBV	100594	100979	2.50%	0.278%
63	21.615	3164	3167	3171	rVB	204427	200788	4.97%	0.554%
64	21.762	3189	3192	3199	rBV	213257	276480	6.84%	0.762%
65	22.215	3265	3269	3276	rVB	270261	335649	8.31%	0.925%
66	22.339	3287	3290	3294	rVB	75167	94224	2.33%	0.260%
67	22.492	3314	3316	3318	rVV	59368	46997	1.16%	0.130%
68	22.527	3319	3322	3326	rVB2	159053	182264	4.51%	0.502%
69	22.703	3348	3352	3358	rVB	308235	452815	11.21%	1.248%
70	23.262	3440	3447	3458	rBV2	2201294	4040040	100.00%	11.137%
71	23.409	3465	3472	3483	rVB	1549644	2974077	73.62%	8.199%

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72	23.880	3547	3552	3561	rVB2	337083	609969	15.10%	1.682%
73	23.974	3564	3568	3577	rVB3	122485	241324	5.97%	0.665%
74	24.603	3670	3675	3682	rVB2	287936	604359	14.96%	1.666%
75	25.444	3814	3818	3827	rVB	198029	427645	10.59%	1.179%

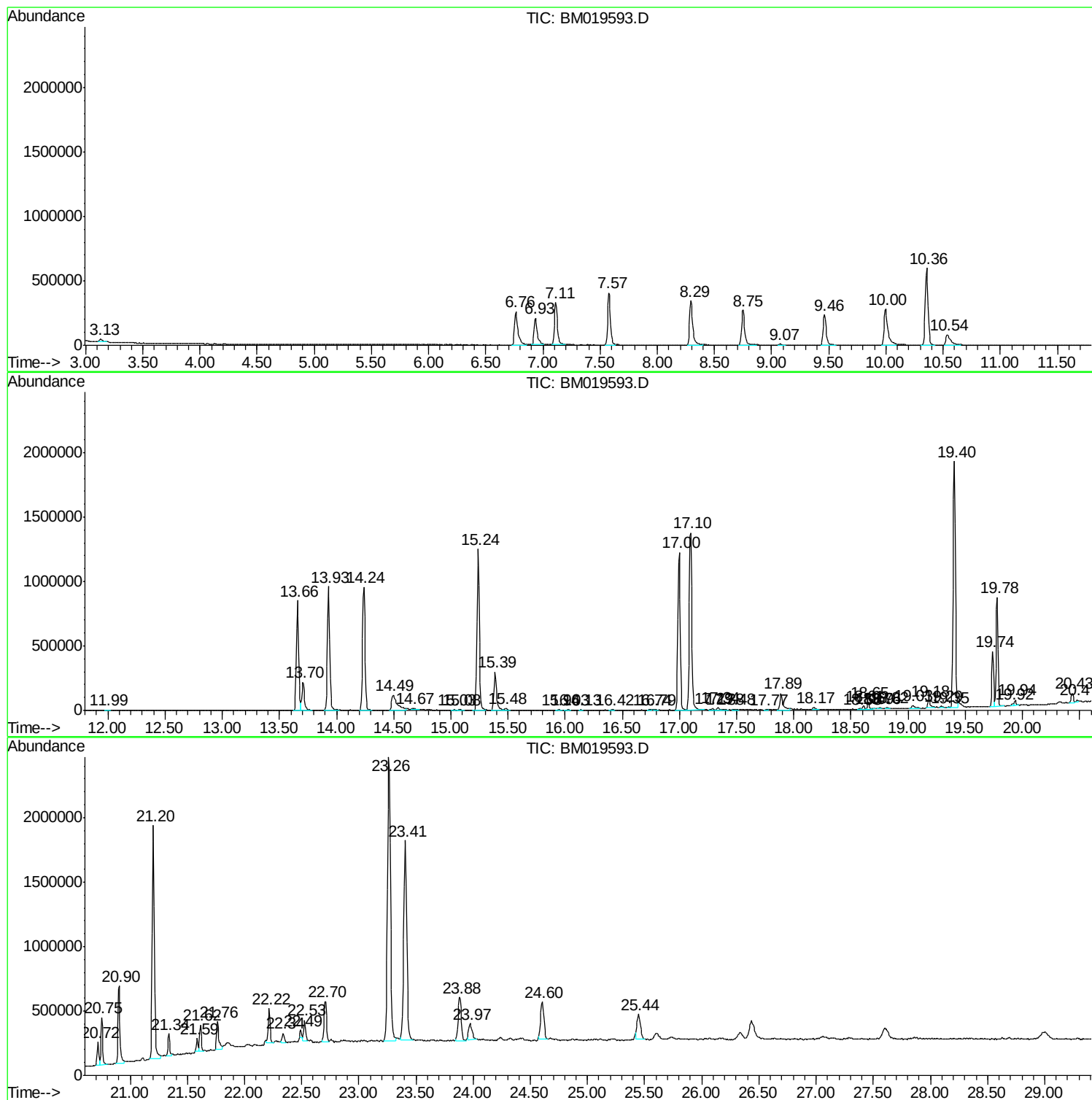
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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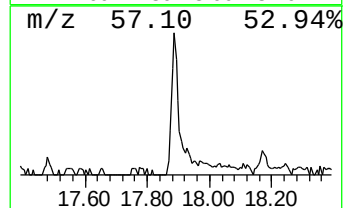
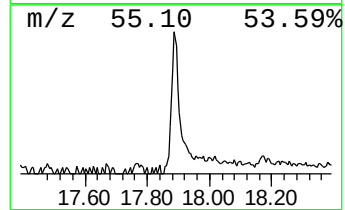
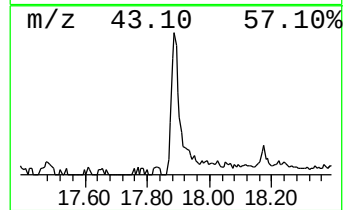
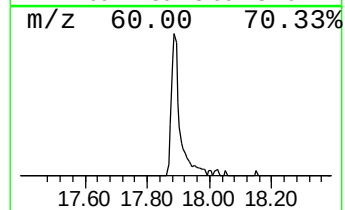
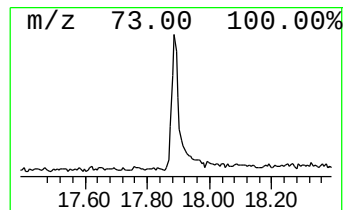
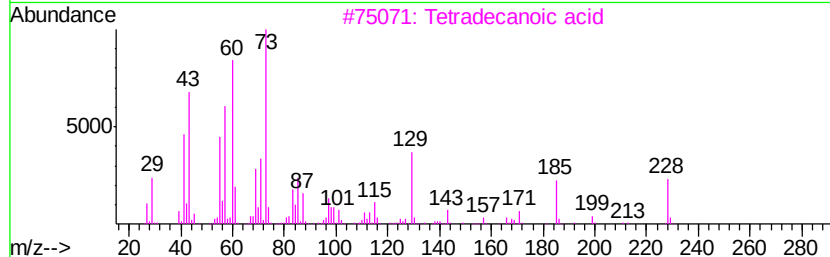
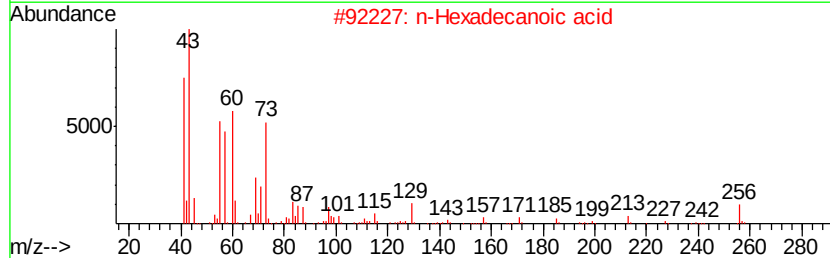
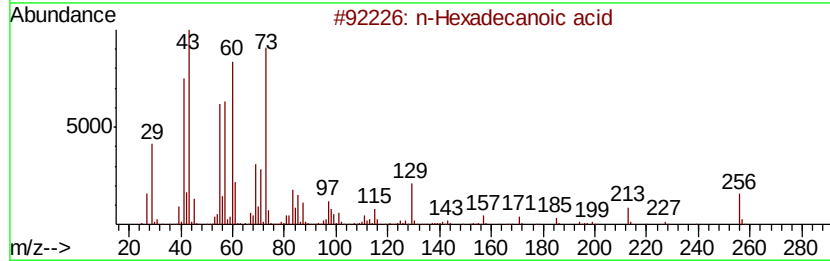
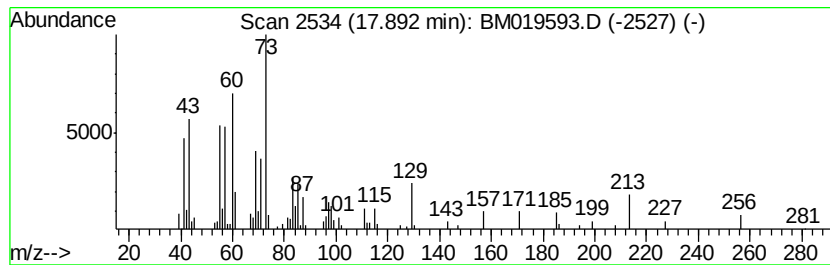
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	2.71 ng/ul	236206	Phenanthrene-d10		17.00		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	43
5			Nonanoic acid	158	C9H18O2	000112-05-0	25



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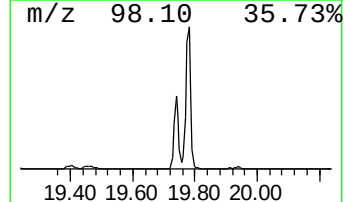
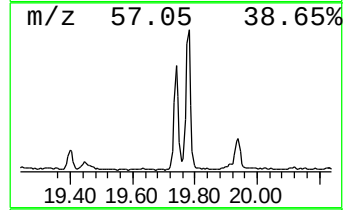
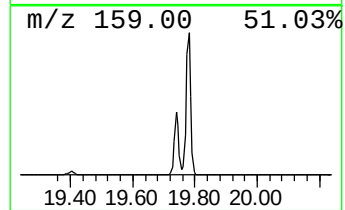
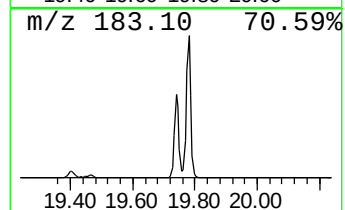
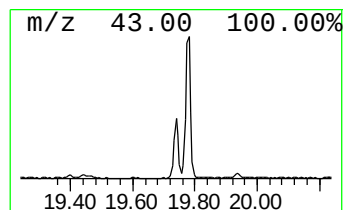
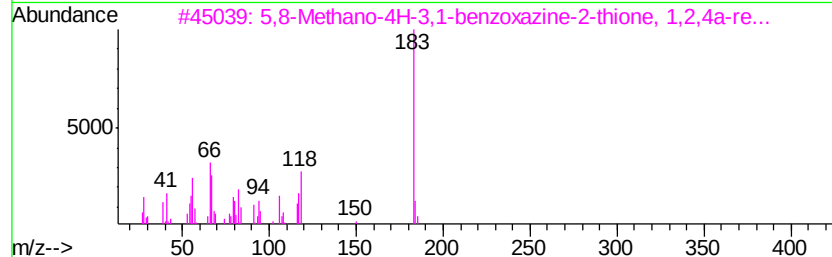
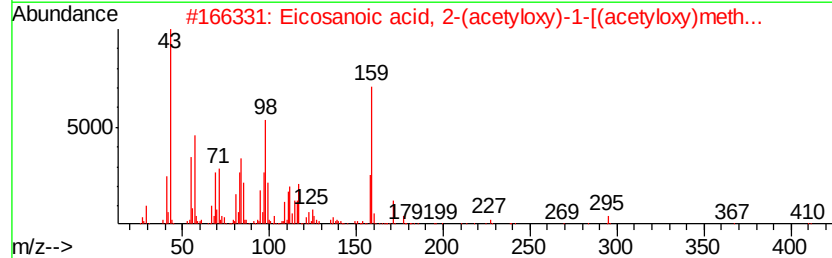
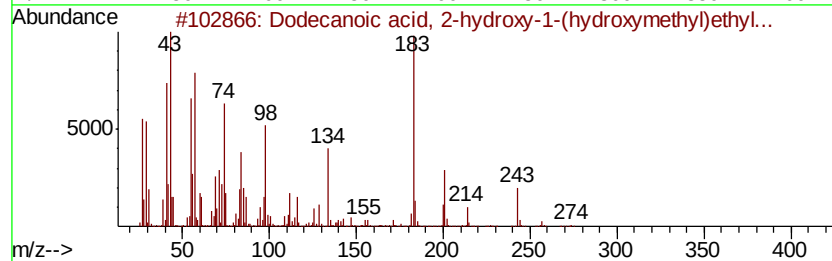
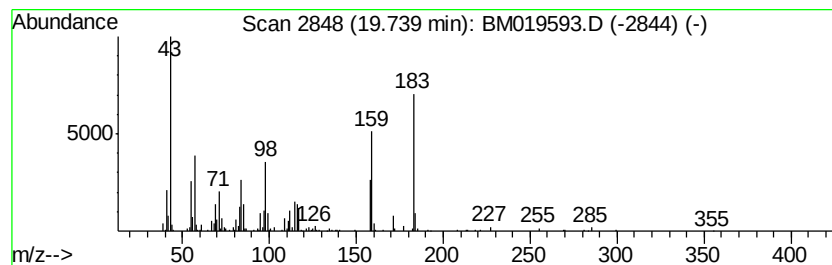
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.54 ng/ul	444821	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	43
2		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	38
3		5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	22
4		Lauric anhydride	382	C24H46O3	000645-66-9	16
5		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	14



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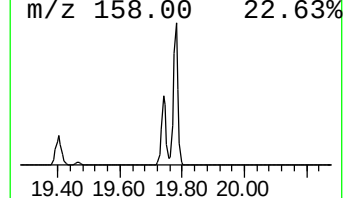
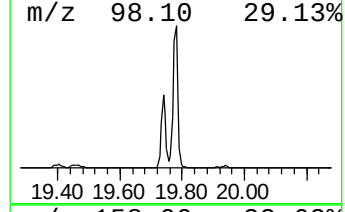
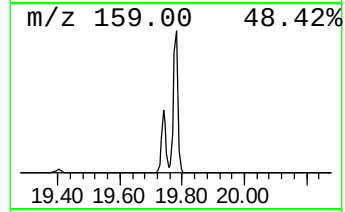
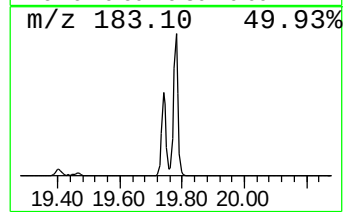
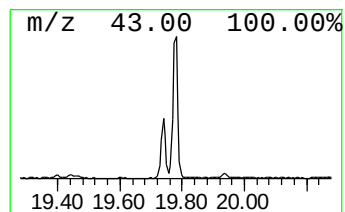
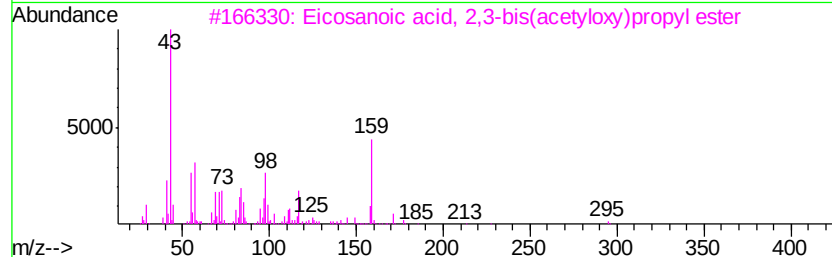
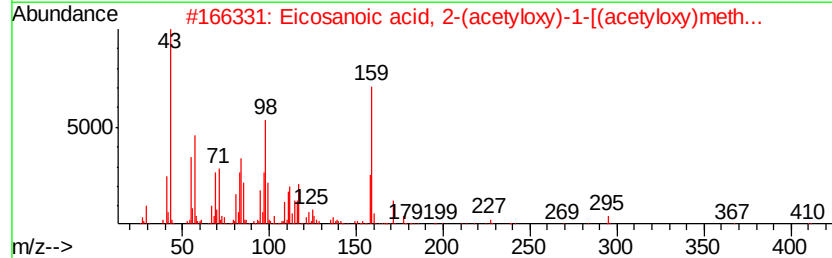
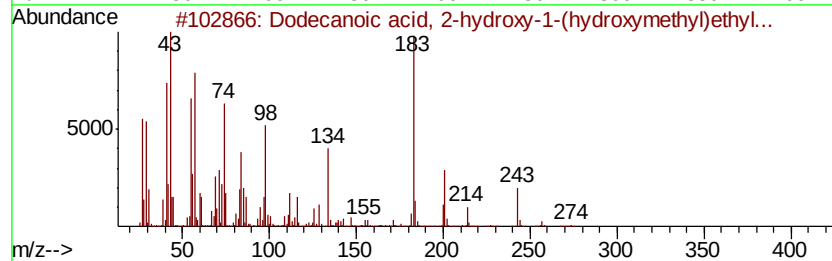
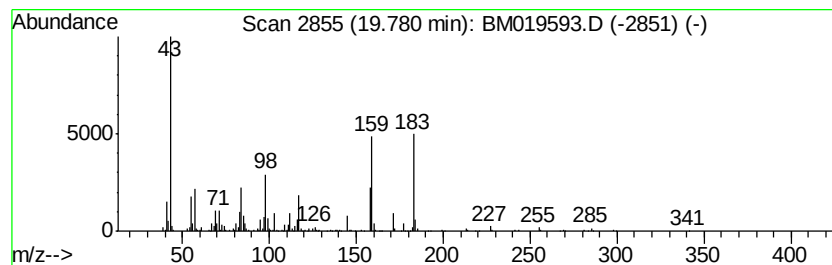
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	7.13 ng/ul	896383	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	17
2		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
3		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	10
4		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10
5		1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	10



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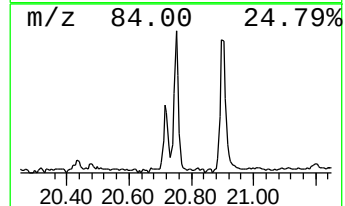
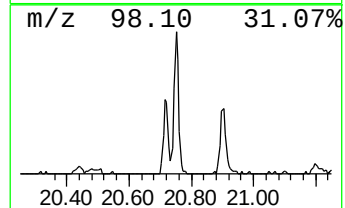
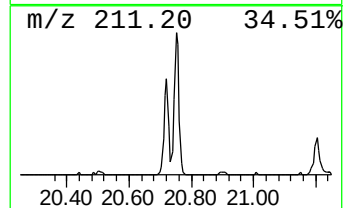
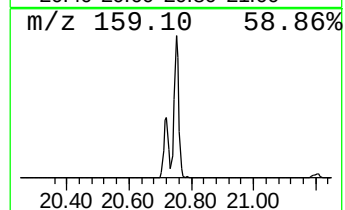
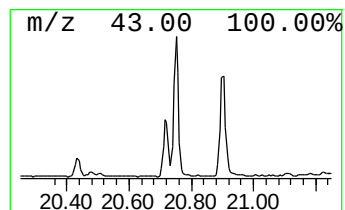
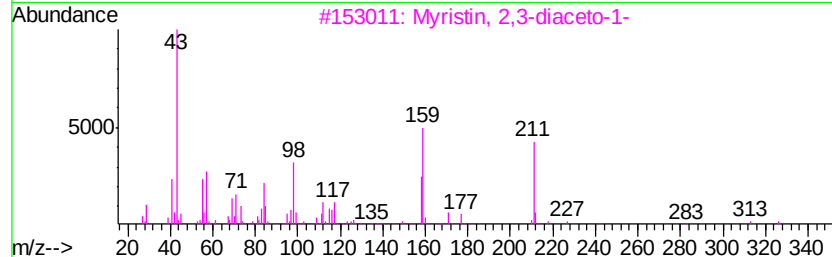
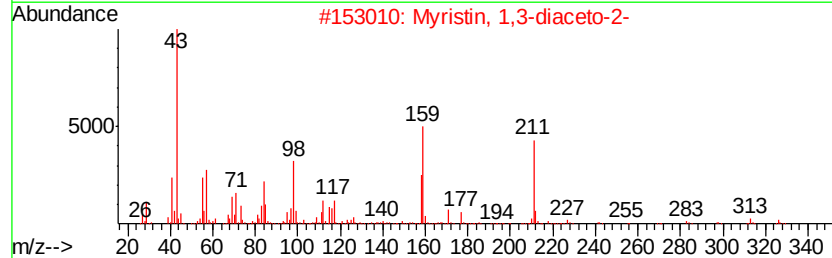
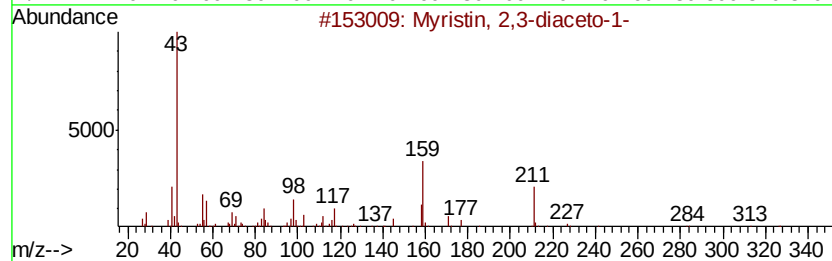
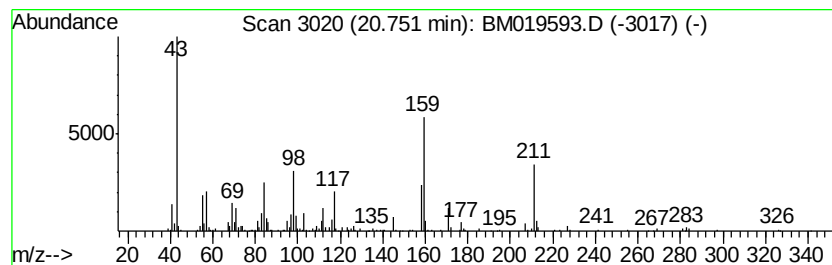
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Myristin, 2,3-diaceto-1- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.75	3.13 ng/ul	393069	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin,	2,3-diaceto-1-	386	C21H38O6	014473-55-3	83
2	Myristin,	1,3-diaceto-2-	386	C21H38O6	014290-23-4	52
3	Myristin,	2,3-diaceto-1-	386	C21H38O6	014473-55-3	50
4	Hexadecanoic acid,	2,3-bis(acety...	414	C23H42O6	055268-70-7	46
5	2,3,4-Trifluorobenzoic acid,	6-e...	316	C17H23F3O2	1000282-58-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
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Acq On : 29 Mar 2019 23:15
Operator : JU/SJ
Sample : K2084-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

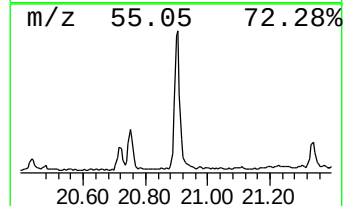
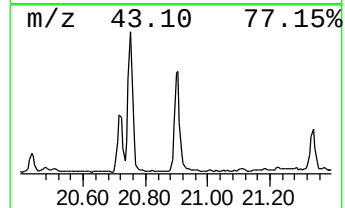
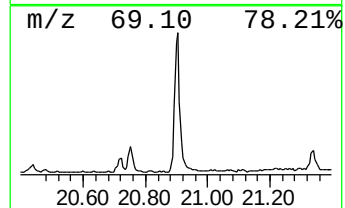
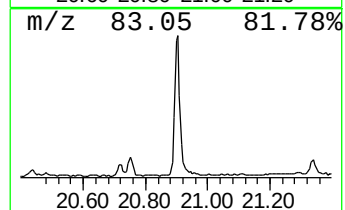
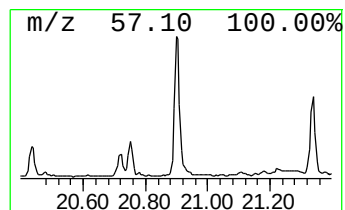
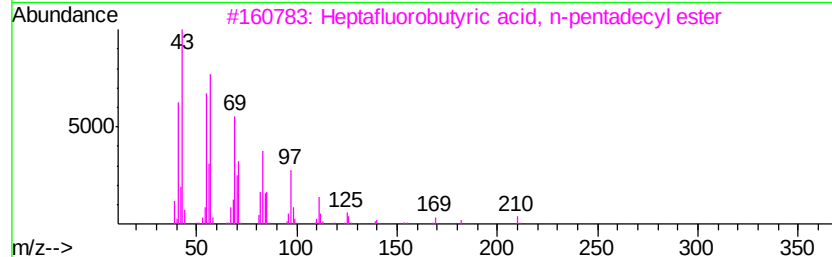
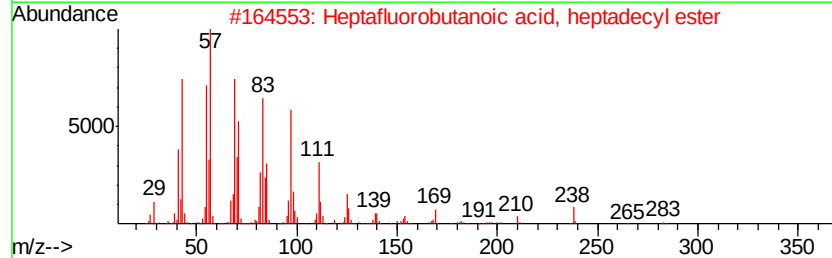
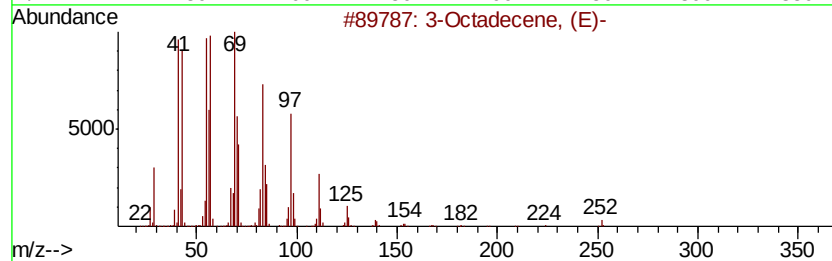
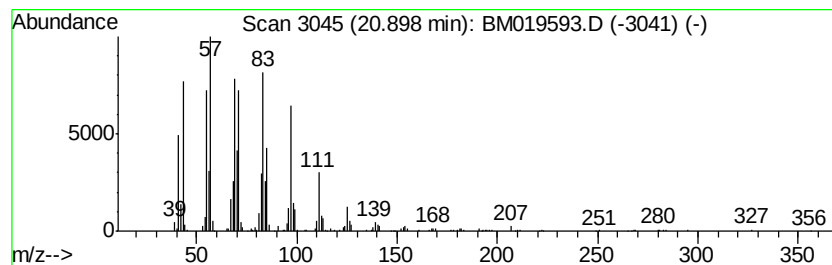
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.90	6.00 ng/ul	754316	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	94
3	Heptafluorobutyric acid, n-pentadecyl ester	424	C19H31F7O2	1000216-79-3	91
4	Trichloroacetic acid, pentadecyl ester	372	C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019593.D
Acq On : 29 Mar 2019 23:15
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Sample : K2084-02
Misc :
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Instrument :
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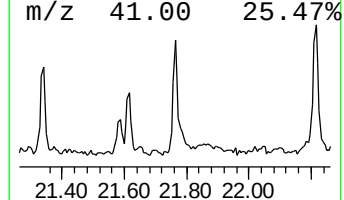
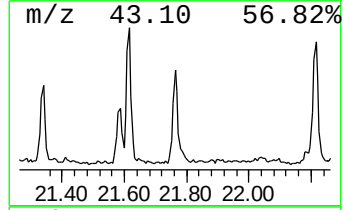
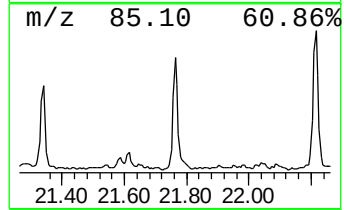
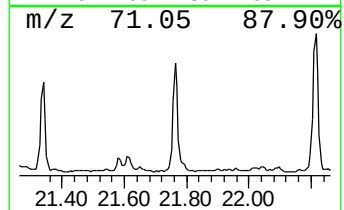
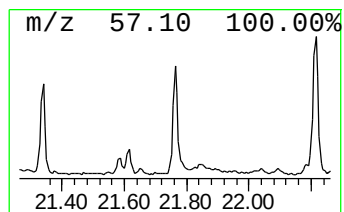
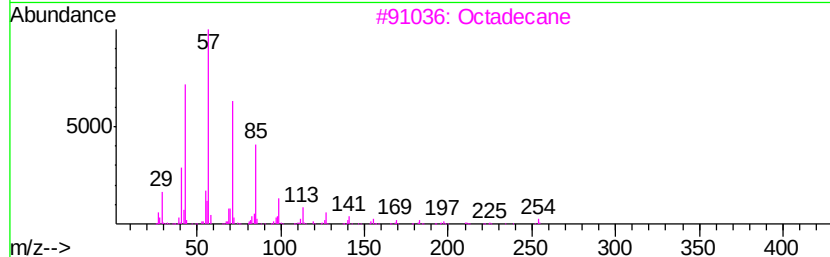
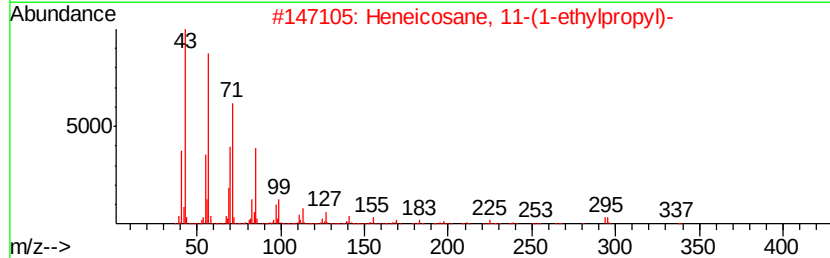
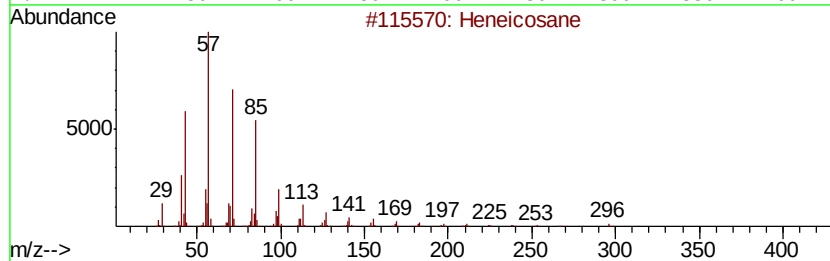
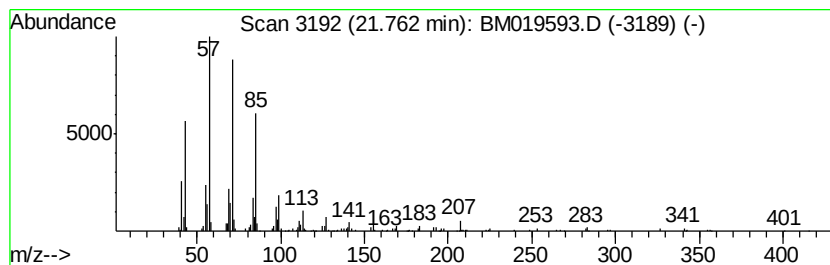
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.20 ng/ul	276480	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019593.D
Acq On : 29 Mar 2019 23:15
Operator : JU/SJ
Sample : K2084-02
Misc :
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Instrument :
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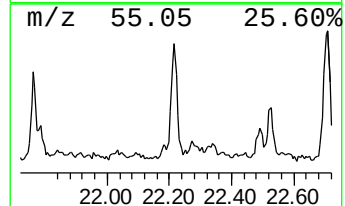
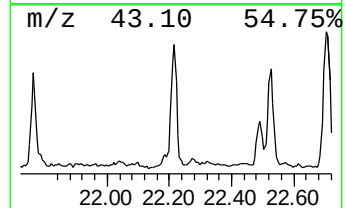
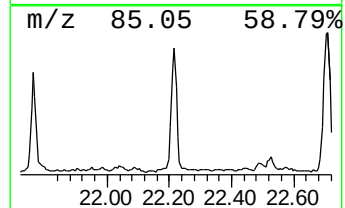
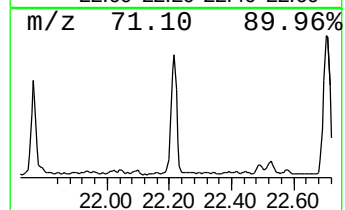
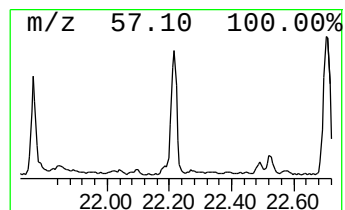
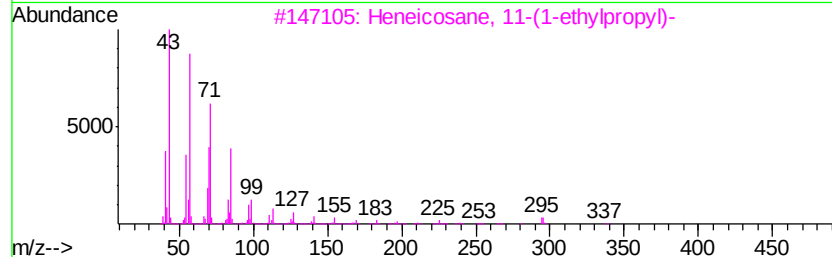
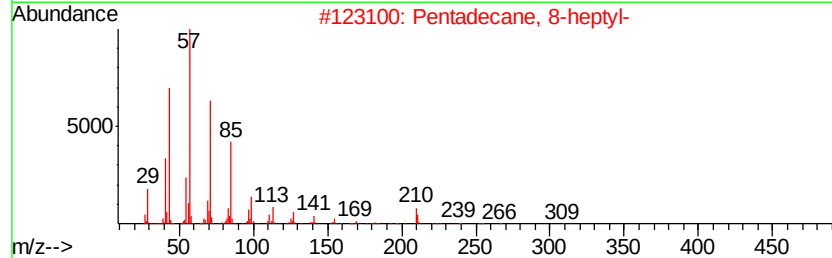
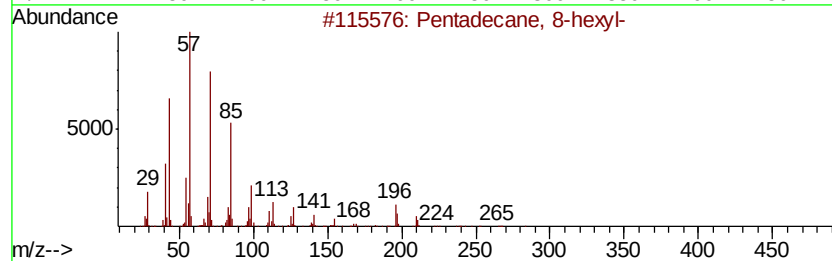
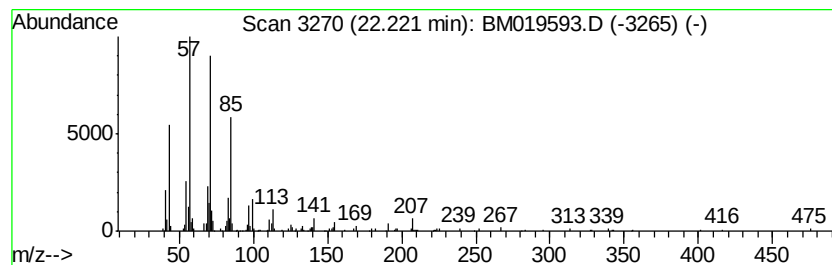
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.67 ng/ul	335649	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019593.D
Acq On : 29 Mar 2019 23:15
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Misc :
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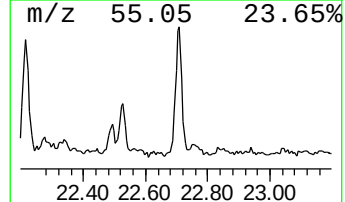
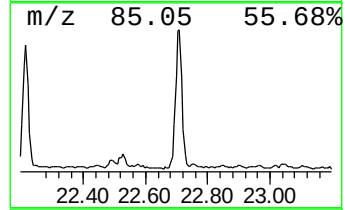
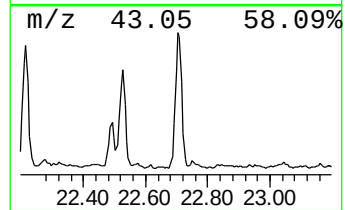
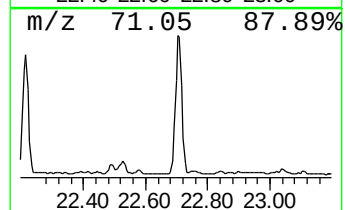
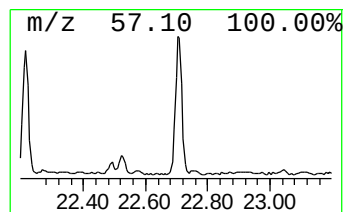
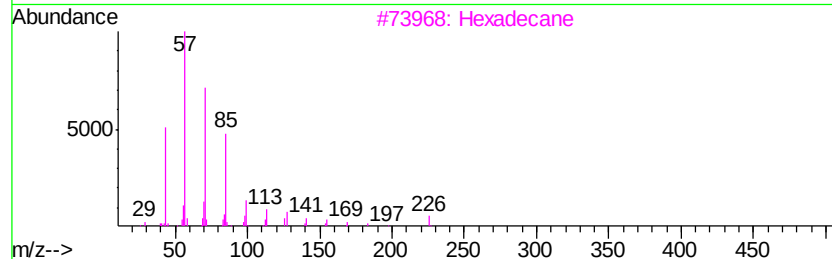
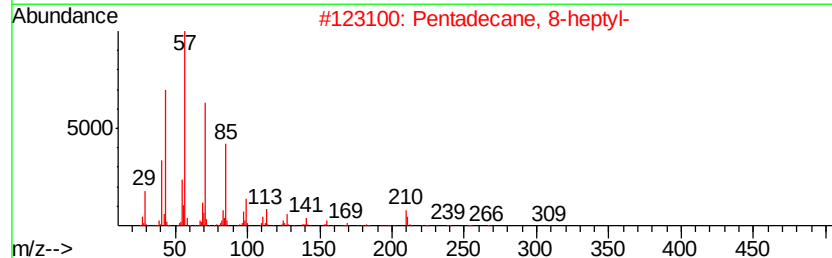
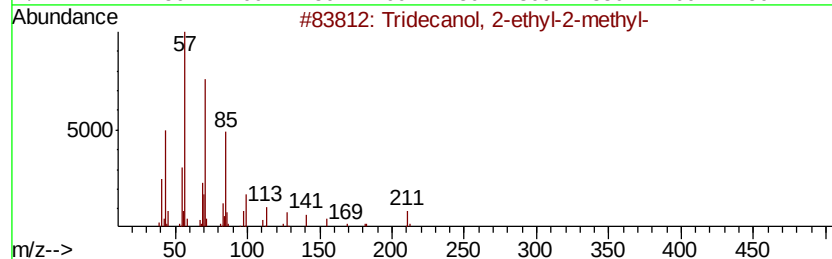
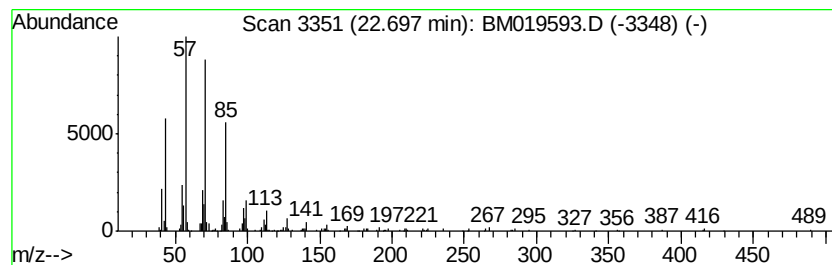
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.05 ng/ul	452815	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		10-Methylnonadecane	282	C20H42	056862-62-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019593.D
Acq On : 29 Mar 2019 23:15
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Misc :
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ClientSampleId :
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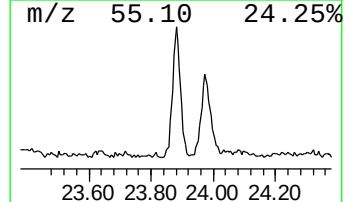
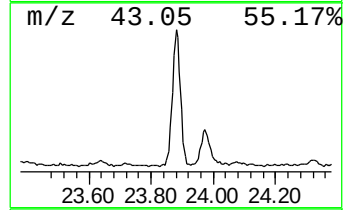
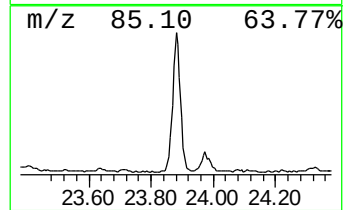
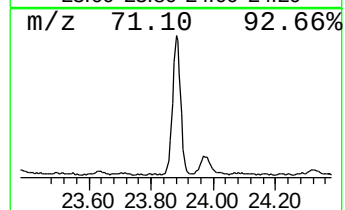
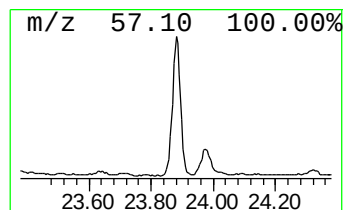
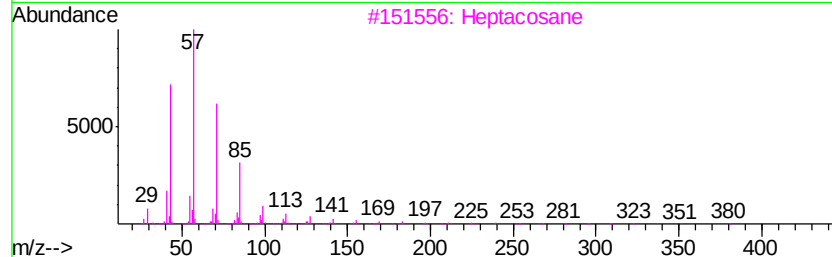
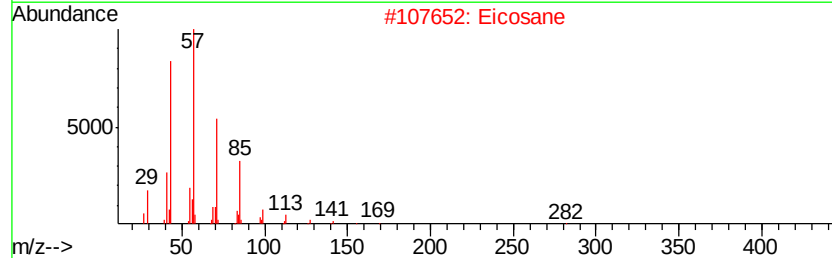
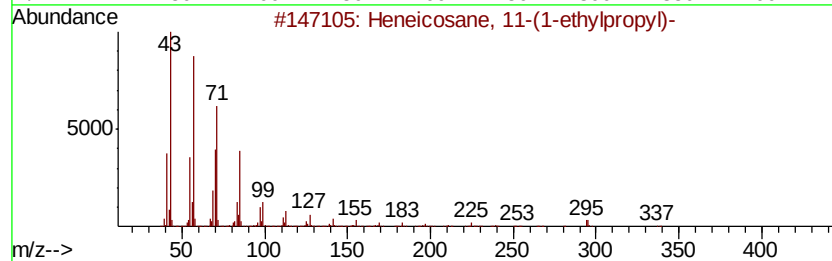
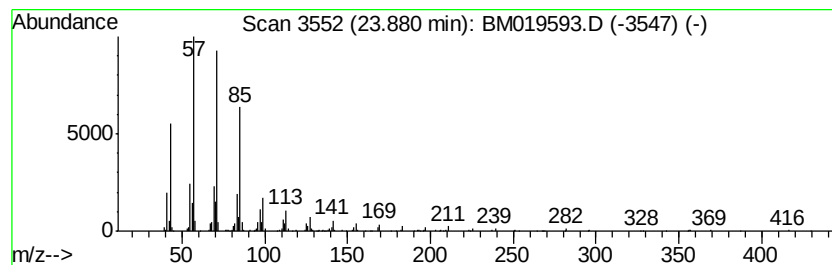
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	4.10 ng/ul	609969	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
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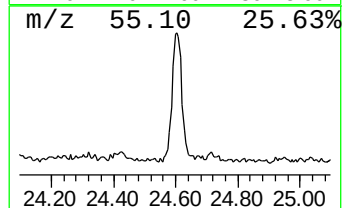
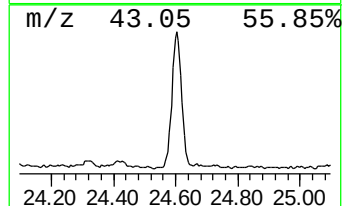
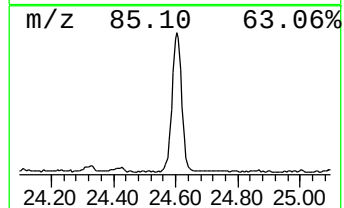
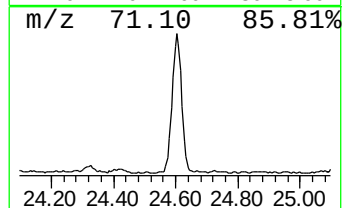
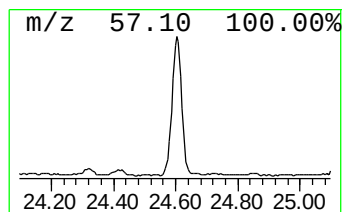
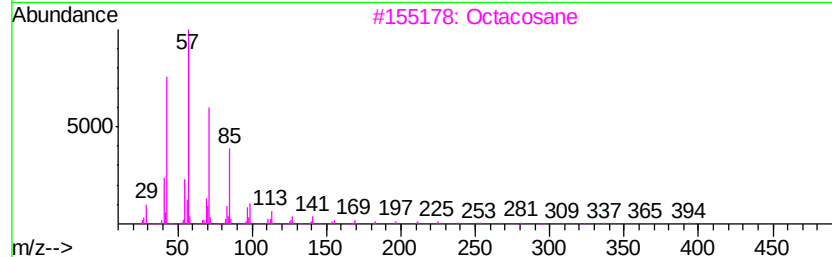
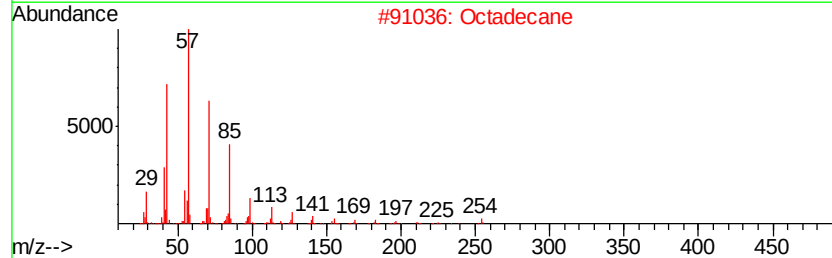
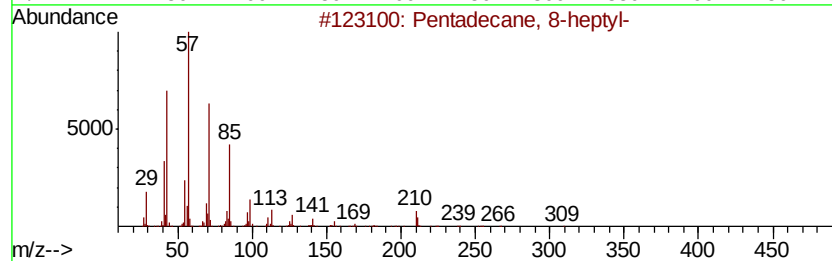
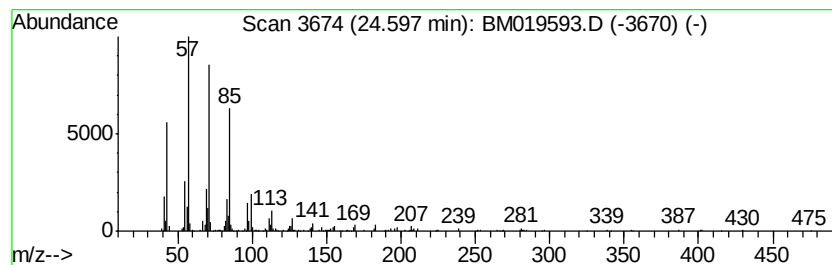
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	4.06 ng/ul	604359	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Octadecane	254	C18H38	000593-45-3	87
3		Octacosane	394	C28H58	000630-02-4	87
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019593.D
Acq On : 29 Mar 2019 23:15
Operator : JU/SJ
Sample : K2084-02
Misc :
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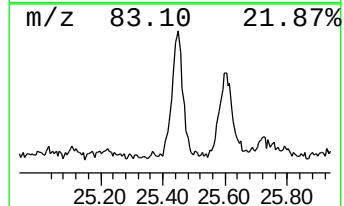
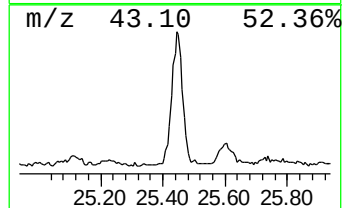
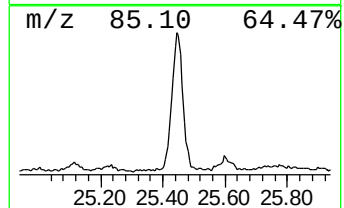
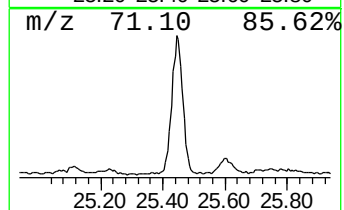
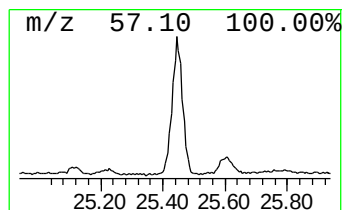
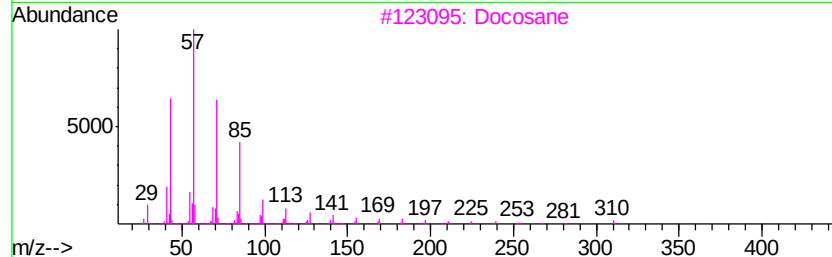
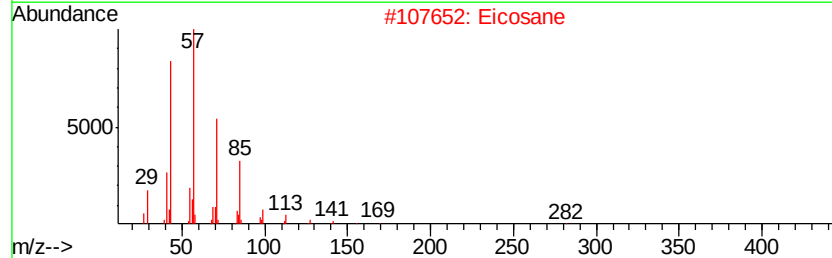
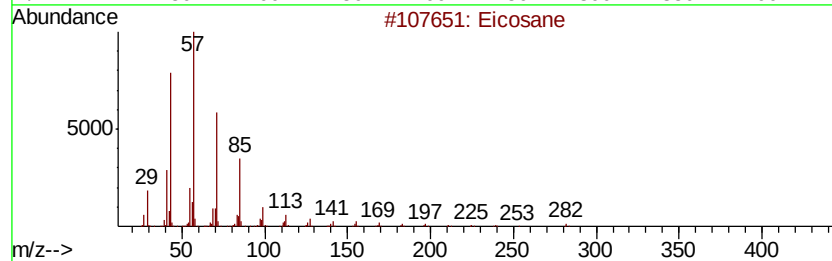
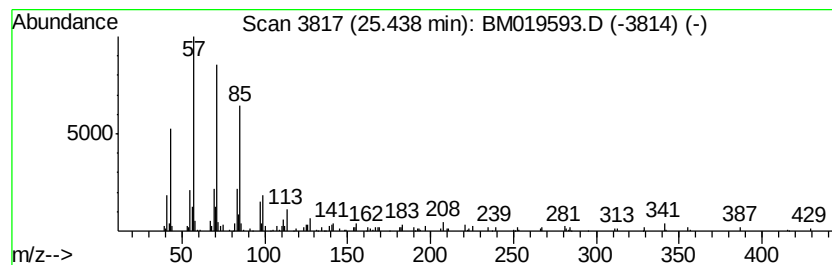
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	2.88 ng/ul	427645	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Docosane	310	C22H46	000629-97-0	87
4		Triacontane	422	C30H62	000638-68-6	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019593.D
 Acq On : 29 Mar 2019 23:15
 Operator : JU/SJ
 Sample : K2084-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.89	2.7	ng/ul	236206	4	17.00	1744250	20.0
unknown-01	19.74	3.5	ng/ul	444821	5	21.20	2513840	20.0
unknown-02	19.78	7.1	ng/ul	896383	5	21.20	2513840	20.0
Myristin, 2,3-dia...	20.75	3.1	ng/ul	393069	5	21.20	2513840	20.0
(DEL) Alkane: Cyc...	20.90	6.0	ng/ul	754316	5	21.20	2513840	20.0
(DEL) Alkane: Str...	21.76	2.2	ng/ul	276480	5	21.20	2513840	20.0
(DEL) Alkane: Str...	22.22	2.7	ng/ul	335649	5	21.20	2513840	20.0
Tridecanol, 2-eth...	22.70	3.0	ng/ul	452815	6	23.41	2974080	20.0
(DEL) Alkane: Str...	23.88	4.1	ng/ul	609969	6	23.41	2974080	20.0
(DEL) Alkane: Str...	24.60	4.1	ng/ul	604359	6	23.41	2974080	20.0
(DEL) Alkane: Str...	25.44	2.9	ng/ul	427645	6	23.41	2974080	20.0