

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019575.D
 Acq On : 29 Mar 2019 11:54
 Operator : JU/SJ
 Sample : K2085-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7W5

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	27	rBV2	17934	21877	0.76%	0.078%
2	3.722	121	125	134	rVB	15635	25842	0.89%	0.092%
3	4.728	292	296	300	rVB2	9567	12498	0.43%	0.045%
4	6.763	635	642	661	rBV	212590	490658	16.95%	1.755%
5	6.934	666	671	693	rVV	182048	377427	13.04%	1.350%
6	7.116	696	702	718	rVB	261972	480147	16.58%	1.718%
7	7.581	774	781	793	rBV	370464	632715	21.85%	2.264%
8	8.298	896	903	922	rBV	295358	581093	20.07%	2.079%
9	8.434	922	926	931	rVB5	4001	8235	0.28%	0.029%
10	8.751	974	980	998	rBV	227355	431367	14.90%	1.543%
11	9.075	1032	1035	1040	rBV3	7552	9908	0.34%	0.035%
12	9.463	1095	1101	1115	rBV	190754	352251	12.17%	1.260%
13	9.998	1186	1192	1209	rBV	227547	530537	18.32%	1.898%
14	10.357	1247	1253	1266	rBV	582401	1000770	34.57%	3.580%
15	10.533	1277	1283	1302	rBV	154903	432443	14.94%	1.547%
16	10.963	1351	1356	1357	rBV2	2834	3397	0.12%	0.012%
17	13.663	1808	1815	1820	rBV	627867	943013	32.57%	3.374%
18	13.710	1820	1823	1835	rVB	139493	213990	7.39%	0.766%
19	13.933	1855	1861	1879	rBV	689402	1045867	36.12%	3.742%
20	14.239	1907	1913	1927	rVB2	864929	1323813	45.72%	4.736%
21	14.504	1952	1958	1978	rBV2	78847	294330	10.17%	1.053%
22	14.668	1982	1986	1997	rVB3	24022	48547	1.68%	0.174%
23	15.027	2044	2047	2051	rVB5	2548	3447	0.12%	0.012%
24	15.074	2051	2055	2060	rBV4	3564	5339	0.18%	0.019%
25	15.239	2076	2083	2098	rBV	972367	1443362	49.85%	5.164%
26	15.386	2103	2108	2120	rVV	212355	373294	12.89%	1.335%
27	15.486	2122	2125	2129	rVB2	11816	14741	0.51%	0.053%
28	15.945	2198	2203	2208	rVB4	3003	5194	0.18%	0.019%
29	16.421	2281	2284	2287	rBV4	2743	3054	0.11%	0.011%
30	16.998	2376	2382	2392	rVV	1140629	1552027	53.61%	5.552%
31	17.098	2393	2399	2418	rVB2	995078	1530120	52.85%	5.474%
32	17.286	2430	2431	2435	rVB2	3246	3419	0.12%	0.012%
33	17.480	2460	2464	2469	rVB4	2935	3827	0.13%	0.014%
34	17.892	2528	2534	2546	rBV	122824	224851	7.77%	0.804%

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35	18.174	2578	2582	2586	rVB5	8055	12629	0.44%	0.045%
36	18.227	2588	2591	2593	rBV3	2586	3149	0.11%	0.011%
37	18.609	2653	2656	2660	rVB2	14890	16323	0.56%	0.058%
38	18.656	2660	2664	2668	rBV	25952	33081	1.14%	0.118%
39	18.692	2668	2670	2672	rVV3	4203	4075	0.14%	0.015%
40	18.751	2678	2680	2684	rVV4	4420	6349	0.22%	0.023%
41	18.815	2688	2691	2696	rVB6	3969	7010	0.24%	0.025%
42	19.045	2725	2730	2737	rBV4	16655	34198	1.18%	0.122%
43	19.180	2748	2753	2763	rBV	81714	150204	5.19%	0.537%
44	19.403	2785	2791	2800	rBV	1477052	1992437	68.82%	7.128%
45	19.739	2844	2848	2851	rBV	285123	318762	11.01%	1.140%
46	19.780	2851	2855	2861	rVB	606404	635865	21.96%	2.275%
47	19.915	2875	2878	2880	rBV3	9256	12239	0.42%	0.044%
48	19.939	2880	2882	2885	rVB3	14640	14591	0.50%	0.052%
49	20.439	2964	2967	2971	rVB4	18623	20033	0.69%	0.072%
50	20.721	3011	3015	3017	rBV	126606	138732	4.79%	0.496%
51	20.750	3017	3020	3027	rVB	229788	256683	8.87%	0.918%
52	20.903	3042	3046	3052	rBV	351159	427903	14.78%	1.531%
53	21.203	3092	3097	3107	rBV	1864845	2380626	82.23%	8.517%
54	21.339	3117	3120	3124	rBV2	67948	77342	2.67%	0.277%
55	21.586	3159	3162	3164	rBV2	61896	66286	2.29%	0.237%
56	21.615	3164	3167	3171	rVB2	106336	116725	4.03%	0.418%
57	21.768	3189	3193	3195	rBV	84412	101265	3.50%	0.362%
58	22.221	3266	3270	3276	rVB2	132713	173496	5.99%	0.621%
59	22.709	3349	3353	3359	rVB	174321	240905	8.32%	0.862%
60	23.268	3441	3448	3462	rBV	1568781	2895175	100.00%	10.358%
61	23.409	3465	3472	3483	rVB	1452347	2704679	93.42%	9.676%
62	23.885	3548	3553	3561	rVB	190048	355847	12.29%	1.273%
63	24.609	3672	3676	3684	rVB	172593	332162	11.47%	1.188%

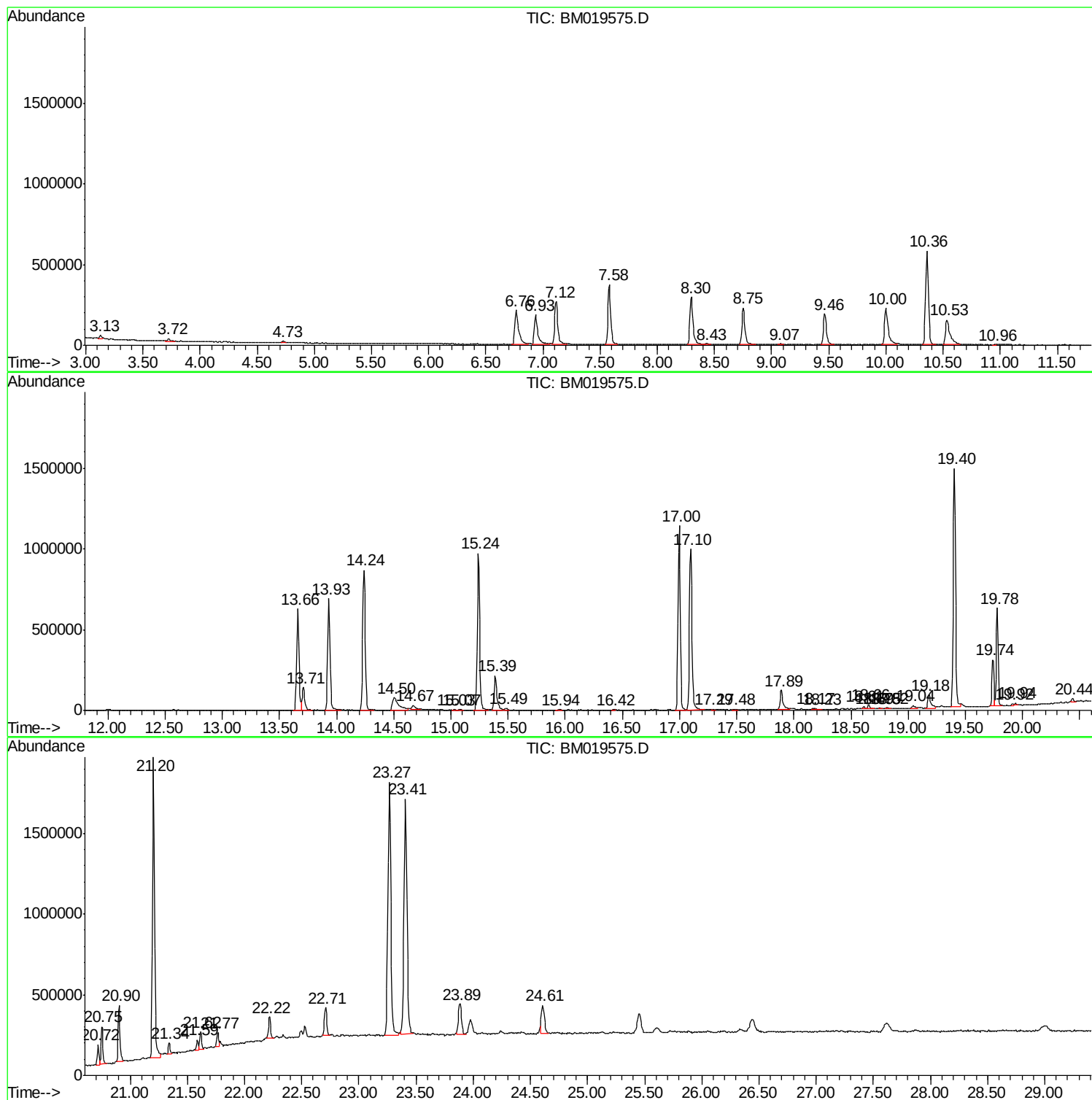
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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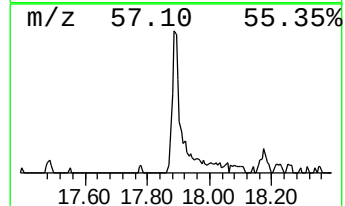
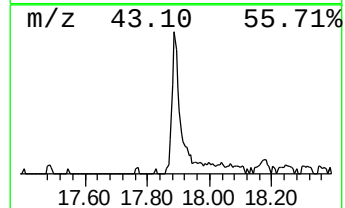
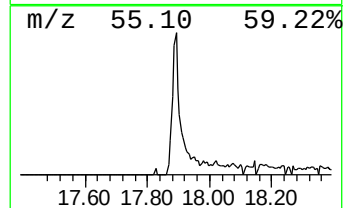
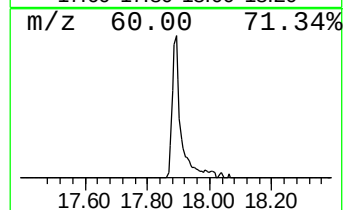
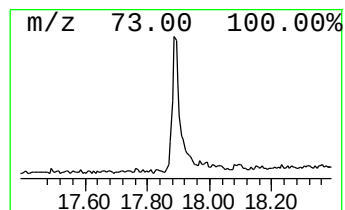
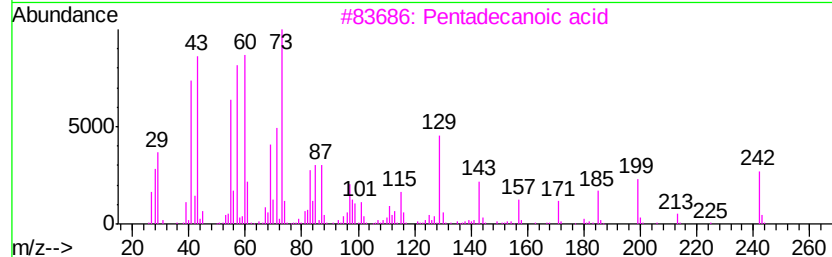
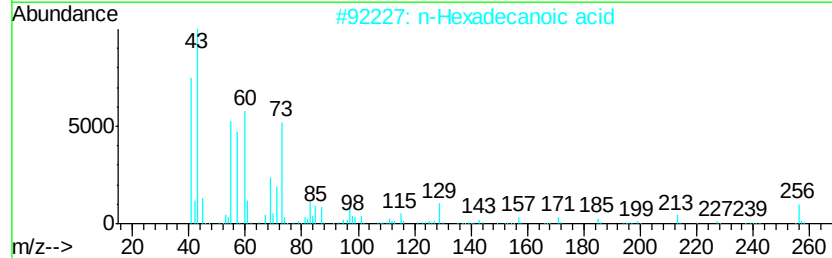
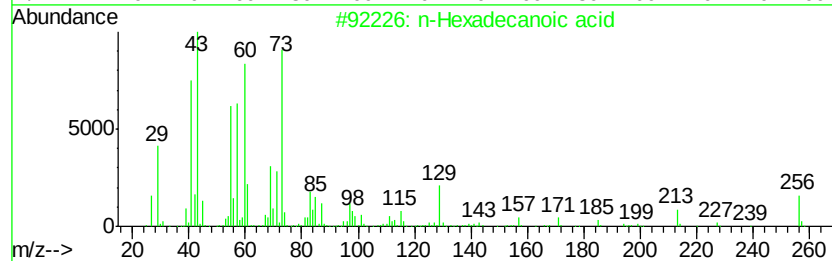
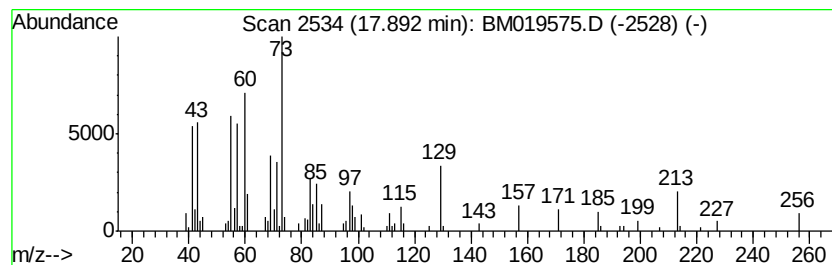
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	2.90 ng/ul	224851	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	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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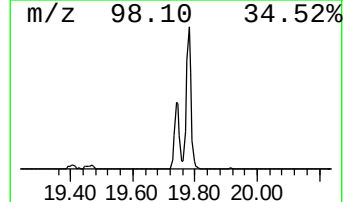
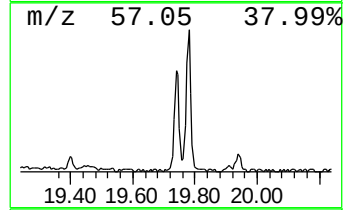
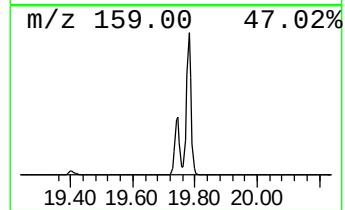
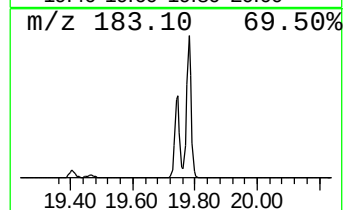
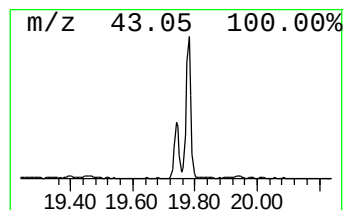
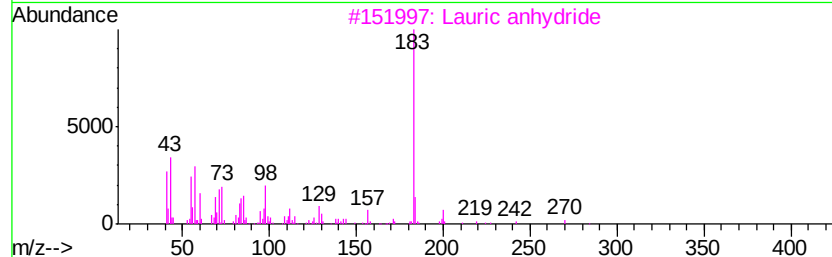
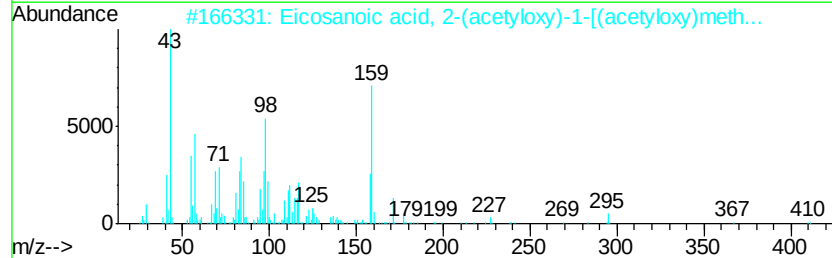
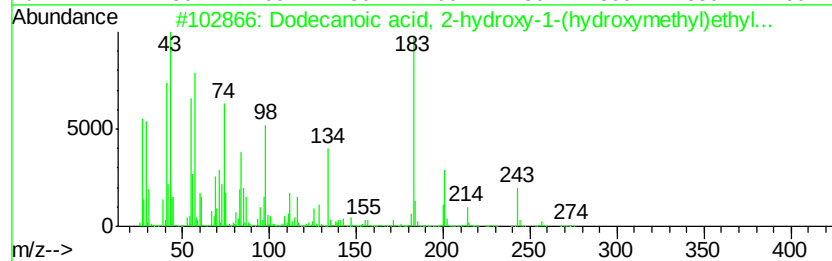
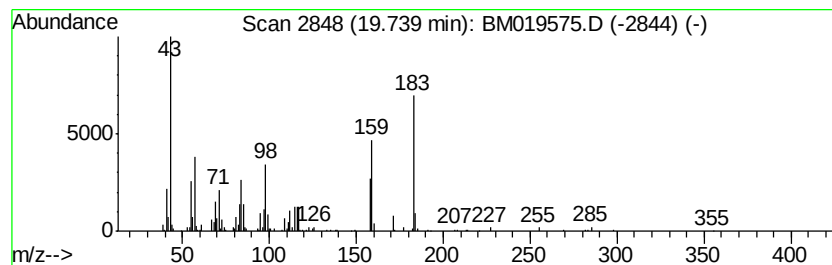
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.68 ng/ul	318762	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	47
2		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	38
3		Lauric anhydride	382	C24H46O3	000645-66-9	25
4		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16
5		3-Dibenzofuranamine	183	C12H9NO	004106-66-5	14



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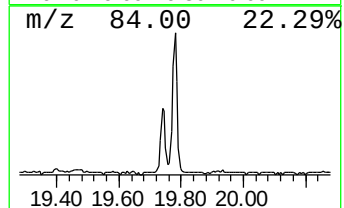
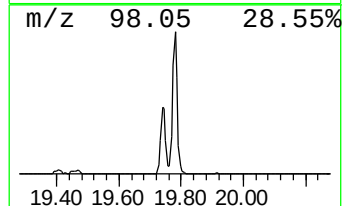
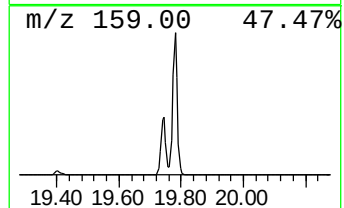
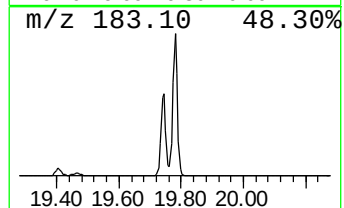
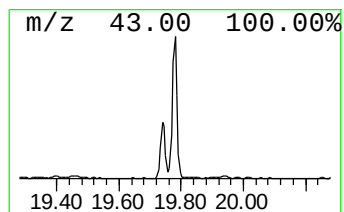
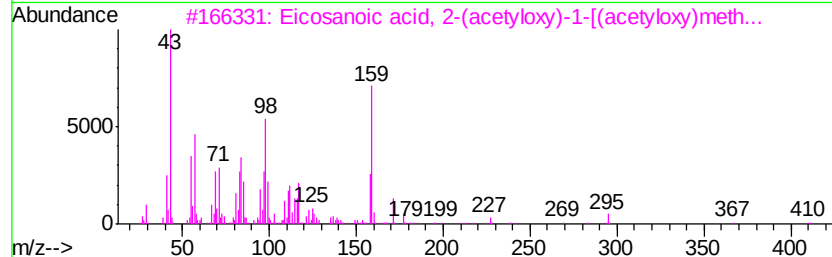
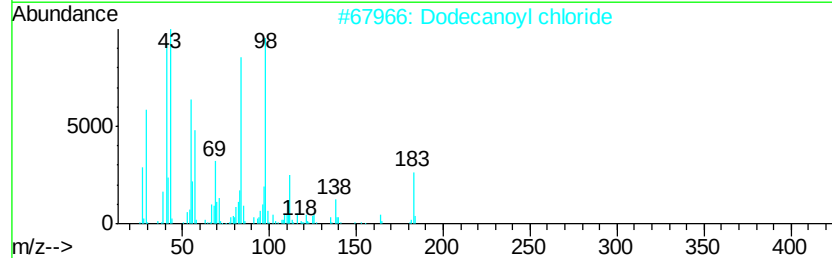
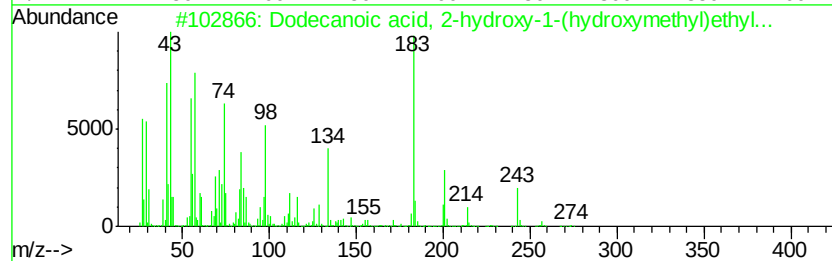
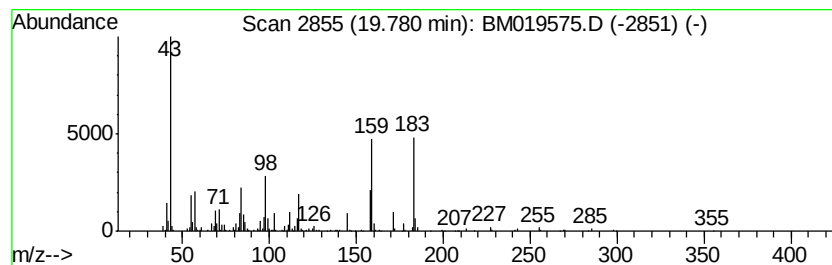
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Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	5.34 ng/ul	635865	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	35
2		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	17
3		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
4		1,2-Dicarbadoecaborane(12), 1-h...	230	C8H24B10	020740-05-0	10
5		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9



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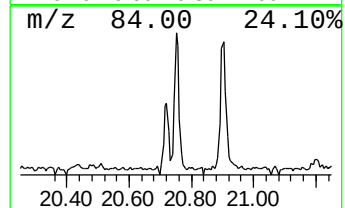
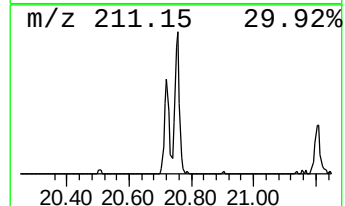
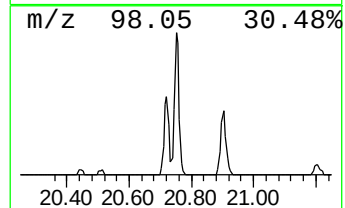
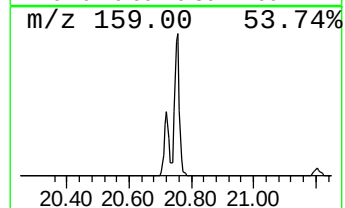
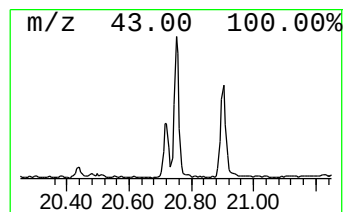
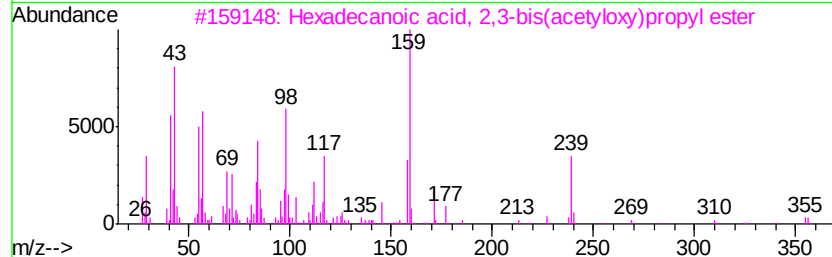
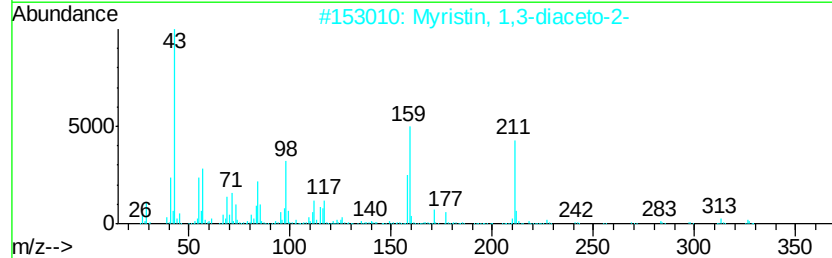
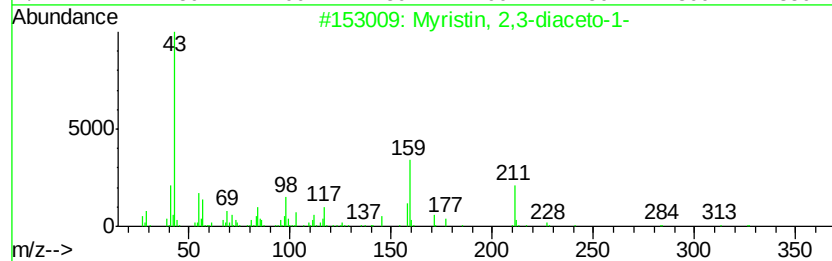
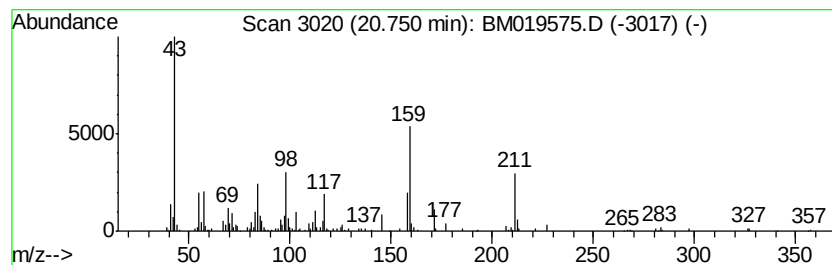
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Myristin, 2,3-diaceto-1- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.16 ng/ul	256683	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Myristin, 2,3-diaceto-1-	386 C21H38O6	014473-55-3	90
2	Myristin, 1,3-diaceto-2-	386 C21H38O6	014290-23-4	72
3	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414 C23H42O6	055268-70-7	62
4	Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470 C27H50O6	055429-67-9	59
5	Myristin, 2,3-diaceto-1-	386 C21H38O6	014473-55-3	53



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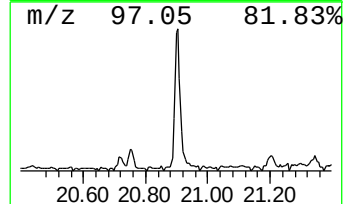
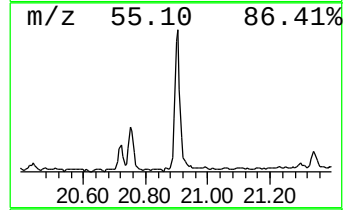
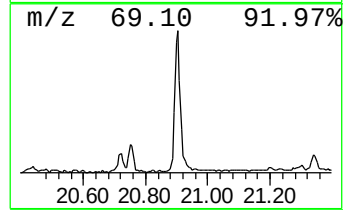
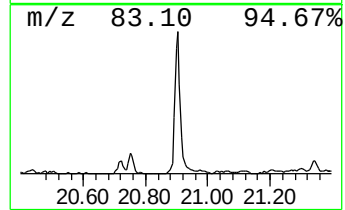
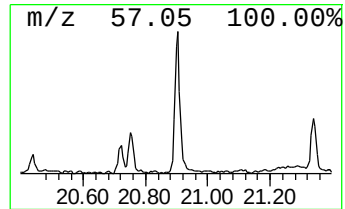
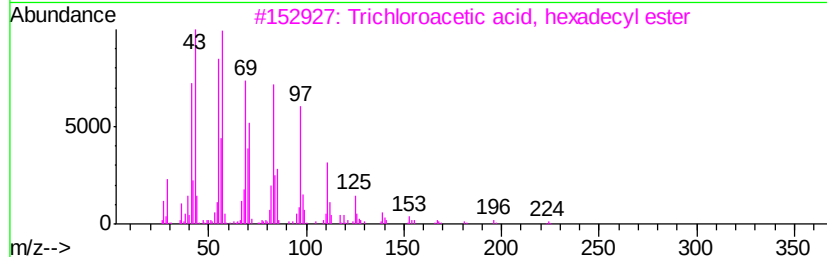
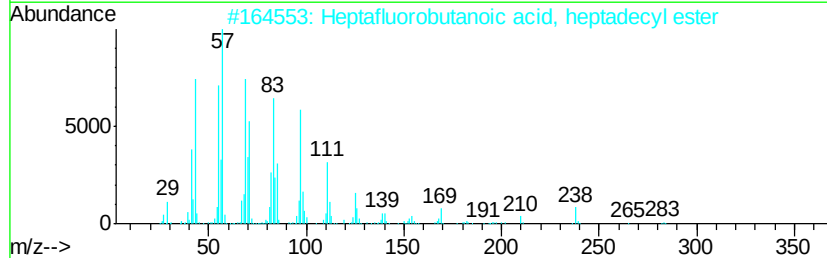
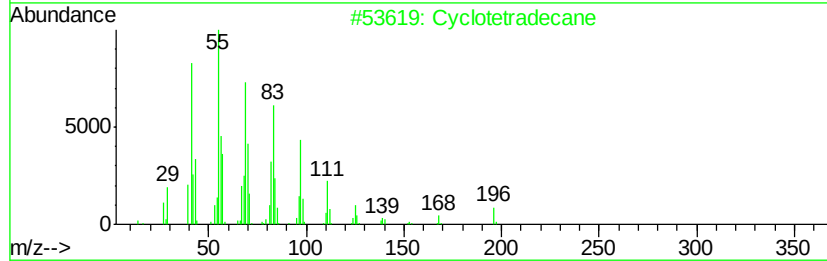
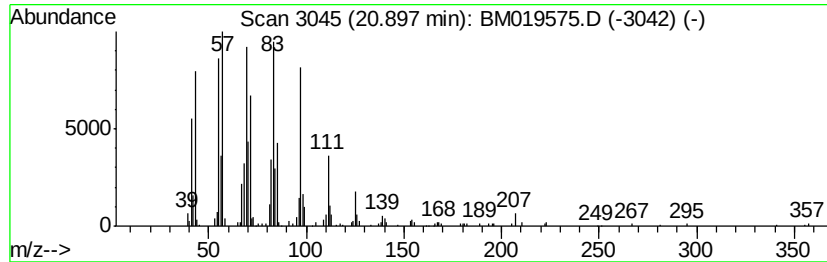
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.90	3.59 ng/ul	427903	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	93
3	Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019575.D
Acq On : 29 Mar 2019 11:54
Operator : JU/SJ
Sample : K2085-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W5

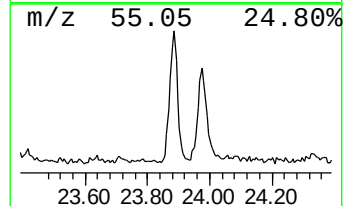
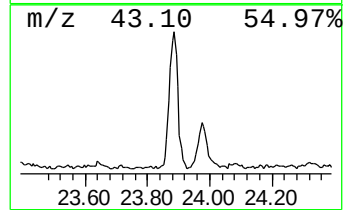
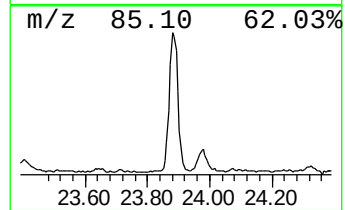
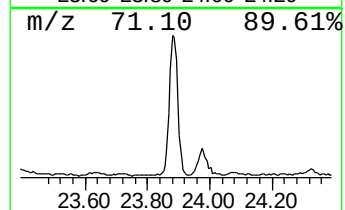
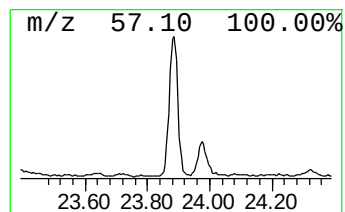
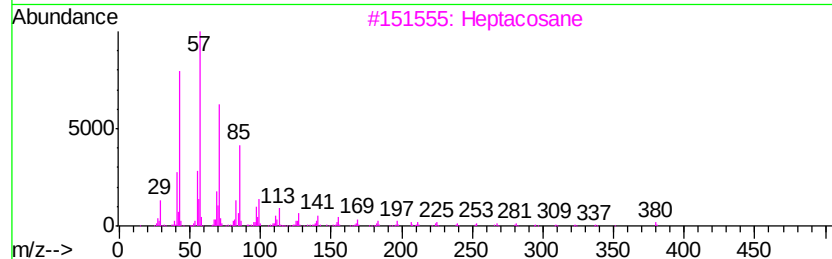
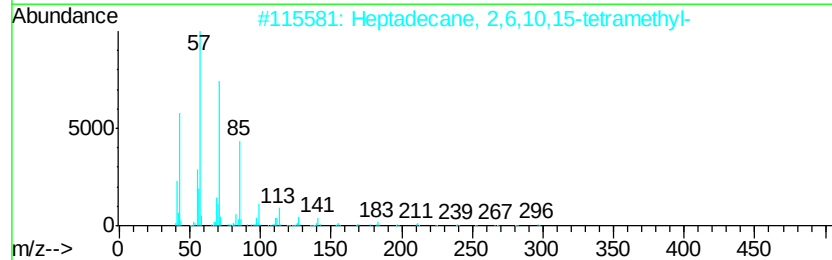
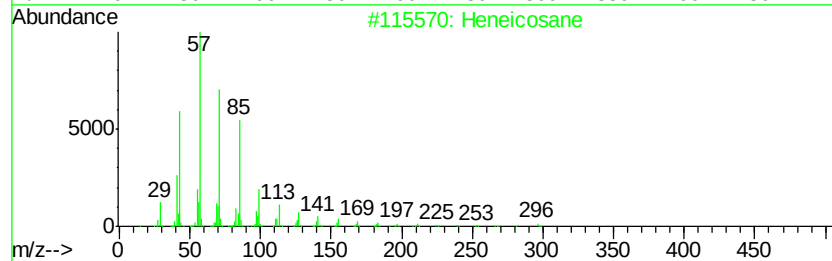
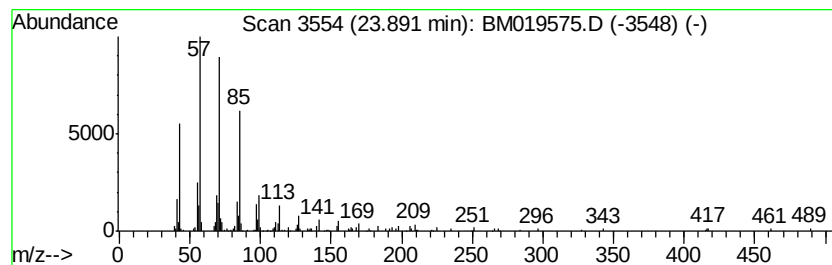
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.63 ng/ul	355847	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019575.D
Acq On : 29 Mar 2019 11:54
Operator : JU/SJ
Sample : K2085-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W5

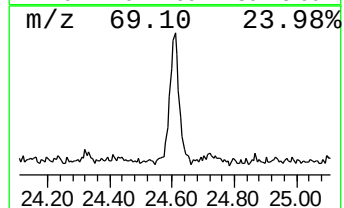
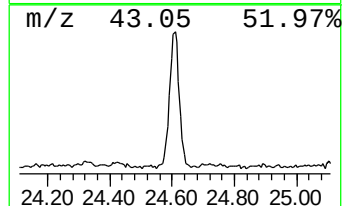
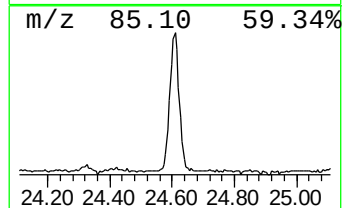
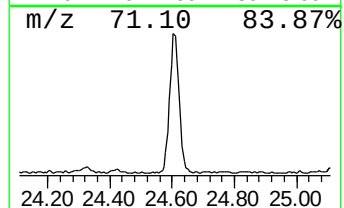
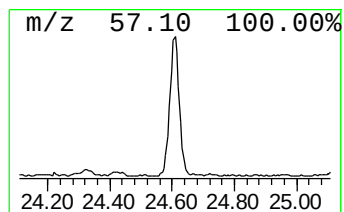
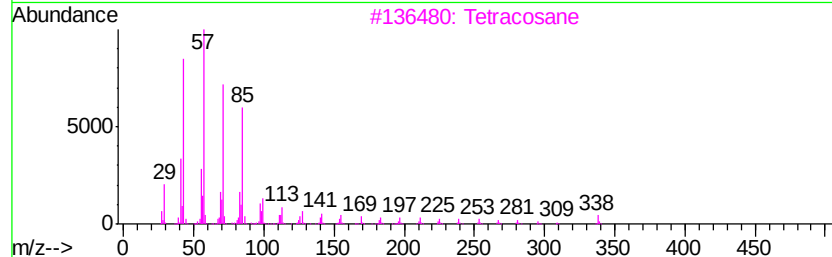
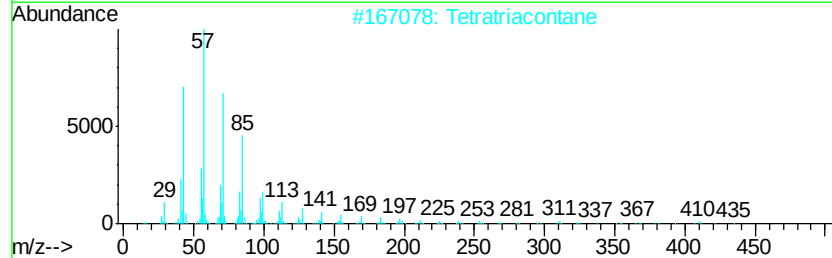
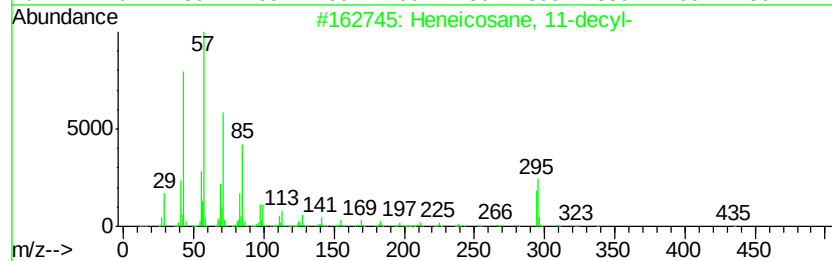
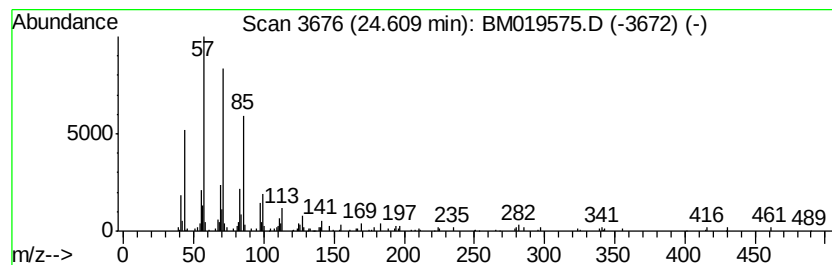
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	2.46 ng/ul	332162	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019575.D
Acq On : 29 Mar 2019 11:54
Operator : JU/SJ
Sample : K2085-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W5

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	2.9	ng/ul	224851	4	17.00	1552030	20.0
unknown-01	19.74	2.7	ng/ul	318762	5	21.20	2380630	20.0
unknown-02	19.78	5.3	ng/ul	635865	5	21.20	2380630	20.0
Myristin, 2,3-dia...	20.75	2.2	ng/ul	256683	5	21.20	2380630	20.0
(DEL) Alkane: Cyc...	20.90	3.6	ng/ul	427903	5	21.20	2380630	20.0
(DEL) Alkane: Str...	23.89	2.6	ng/ul	355847	6	23.41	2704680	20.0
(DEL) Alkane: Str...	24.61	2.5	ng/ul	332162	6	23.41	2704680	20.0