

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019599.D
 Acq On : 30 Mar 2019 02:53
 Operator : JU/SJ
 Sample : K2084-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7X5

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	30	rVB2	17371	25090	0.85%	0.091%
2	3.722	120	125	132	rBV	15029	26164	0.89%	0.095%
3	4.211	204	208	214	rVB6	4300	7195	0.24%	0.026%
4	4.722	291	295	301	rBV	14805	23384	0.79%	0.085%
5	4.781	301	305	310	rVB7	2611	5330	0.18%	0.019%
6	6.763	636	642	657	rBV2	147258	374136	12.67%	1.364%
7	6.934	665	671	689	rBV	135511	286604	9.70%	1.045%
8	7.110	695	701	714	rBV	192279	356117	12.06%	1.299%
9	7.575	774	780	798	rBV	403759	695803	23.56%	2.537%
10	8.299	896	903	920	rBV	149645	317289	10.74%	1.157%
11	8.428	920	925	933	rVB2	4759	10126	0.34%	0.037%
12	8.752	973	980	995	rBV	171180	347182	11.75%	1.266%
13	9.075	1029	1035	1040	rBV2	8083	11037	0.37%	0.040%
14	9.463	1095	1101	1114	rBV	143265	274026	9.28%	0.999%
15	9.998	1187	1192	1210	rBV	144373	368865	12.49%	1.345%
16	10.357	1245	1253	1264	rBV	622438	1059679	35.88%	3.864%
17	10.534	1277	1283	1302	rBV	94401	299064	10.12%	1.091%
18	10.657	1302	1304	1307	rVB3	3825	3416	0.12%	0.012%
19	12.939	1687	1692	1695	rBV2	8360	11550	0.39%	0.042%
20	13.657	1808	1814	1820	rBV	467519	703764	23.83%	2.566%
21	13.710	1820	1823	1831	rVV	80223	125277	4.24%	0.457%
22	13.928	1853	1860	1870	rBV	524598	776206	26.28%	2.831%
23	13.992	1870	1871	1877	rVB2	4749	4222	0.14%	0.015%
24	14.234	1906	1912	1928	rBV2	894593	1421298	48.12%	5.183%
25	14.510	1952	1959	1982	rBV3	45431	186669	6.32%	0.681%
26	14.669	1982	1986	1996	rVV4	19955	49674	1.68%	0.181%
27	14.733	1996	1997	2004	rVV4	4369	8247	0.28%	0.030%
28	15.028	2044	2047	2053	rBV	3226	4660	0.16%	0.017%
29	15.081	2053	2056	2059	rVB3	4892	5174	0.18%	0.019%
30	15.239	2077	2083	2098	rBV	708919	1056377	35.76%	3.852%
31	15.386	2104	2108	2121	rBV	124527	231274	7.83%	0.843%
32	15.475	2121	2123	2129	rVB3	7244	11230	0.38%	0.041%
33	15.939	2199	2202	2203	rBV2	4568	3610	0.12%	0.013%
34	15.957	2203	2205	2210	rVB	5209	5724	0.19%	0.021%

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35	16.133	2227	2235	2238	rBV5	4098	8191	0.28%	0.030%
36	16.404	2276	2281	2290	rBV2	18239	35262	1.19%	0.129%
37	16.739	2335	2338	2343	rBV5	4621	6290	0.21%	0.023%
38	16.786	2343	2346	2350	rVB2	4596	6979	0.24%	0.025%
39	16.904	2361	2366	2372	rBV4	8758	14013	0.47%	0.051%
40	16.992	2375	2381	2392	rVV2	1174366	1723394	58.34%	6.285%
41	17.092	2392	2398	2408	rVV2	712691	1098200	37.18%	4.005%
42	17.163	2408	2410	2411	rVV2	5823	4699	0.16%	0.017%
43	17.180	2411	2413	2415	rVB3	3441	3138	0.11%	0.011%
44	17.380	2442	2447	2449	rBV5	3799	4884	0.17%	0.018%
45	17.474	2460	2463	2467	rBV3	4670	6073	0.21%	0.022%
46	17.516	2467	2470	2473	rVB3	2936	3424	0.12%	0.012%
47	17.627	2486	2489	2492	rBV2	5349	5668	0.19%	0.021%
48	17.657	2492	2494	2498	rVB3	3657	4651	0.16%	0.017%
49	17.769	2504	2513	2515	rBV4	6802	11386	0.39%	0.042%
50	17.827	2518	2523	2527	rBV3	32097	47481	1.61%	0.173%
51	17.886	2527	2533	2552	rBV	337149	584866	19.80%	2.133%
52	18.086	2565	2567	2572	rVB4	9075	10895	0.37%	0.040%
53	18.145	2572	2577	2579	rBV2	15474	23177	0.78%	0.085%
54	18.180	2579	2583	2589	rVB8	10120	19769	0.67%	0.072%
55	18.321	2603	2607	2612	rBV6	7925	11976	0.41%	0.044%
56	18.427	2621	2625	2627	rBV5	5921	7147	0.24%	0.026%
57	18.474	2629	2633	2642	rVV2	36983	48915	1.66%	0.178%
58	18.563	2645	2648	2649	rBV2	6123	5334	0.18%	0.019%
59	18.586	2649	2652	2657	rVB6	6497	9709	0.33%	0.035%
60	18.751	2679	2680	2683	rVB3	5481	3980	0.13%	0.015%
61	18.810	2687	2690	2693	rBV3	8366	12558	0.43%	0.046%
62	18.892	2700	2704	2707	rBV6	3392	5246	0.18%	0.019%
63	19.033	2724	2728	2729	rBV	47605	52485	1.78%	0.191%
64	19.057	2729	2732	2744	rVV	172778	327068	11.07%	1.193%
65	19.180	2748	2753	2767	rVV	227376	372296	12.60%	1.358%
66	19.398	2785	2790	2805	rVB2	954889	1361013	46.08%	4.963%
67	19.563	2814	2818	2824	rBV	568358	660918	22.38%	2.410%
68	19.739	2845	2848	2852	rBV3	17306	22038	0.75%	0.080%
69	19.921	2874	2879	2887	rBV2	106197	161578	5.47%	0.589%
70	19.992	2889	2891	2893	rBV3	8729	8927	0.30%	0.033%
71	20.433	2962	2966	2971	rBV2	51843	60166	2.04%	0.219%

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72	20.474	2971	2973	2975	rBV3	11045	10033	0.34%	0.037%
73	20.898	3041	3045	3053	rBV	360722	427349	14.47%	1.558%
74	21.198	3091	3096	3104	rBV	1888033	2486617	84.18%	9.068%
75	21.333	3116	3119	3126	rVB	155483	177084	6.00%	0.646%
76	21.757	3188	3191	3200	rBV	340408	469512	15.90%	1.712%
77	22.209	3264	3268	3274	rBV	360964	470127	15.92%	1.714%
78	22.704	3347	3352	3357	rVB	403950	555891	18.82%	2.027%
79	23.256	3440	3446	3456	rBV3	1262818	2341575	79.27%	8.539%
80	23.404	3464	3471	3482	rVB	1561359	2953805	100.00%	10.772%
81	23.874	3546	3551	3558	rVB	382822	685241	23.20%	2.499%
82	24.598	3669	3674	3683	rVB	264215	543575	18.40%	1.982%
83	25.439	3812	3817	3824	rBV	199761	451263	15.28%	1.646%

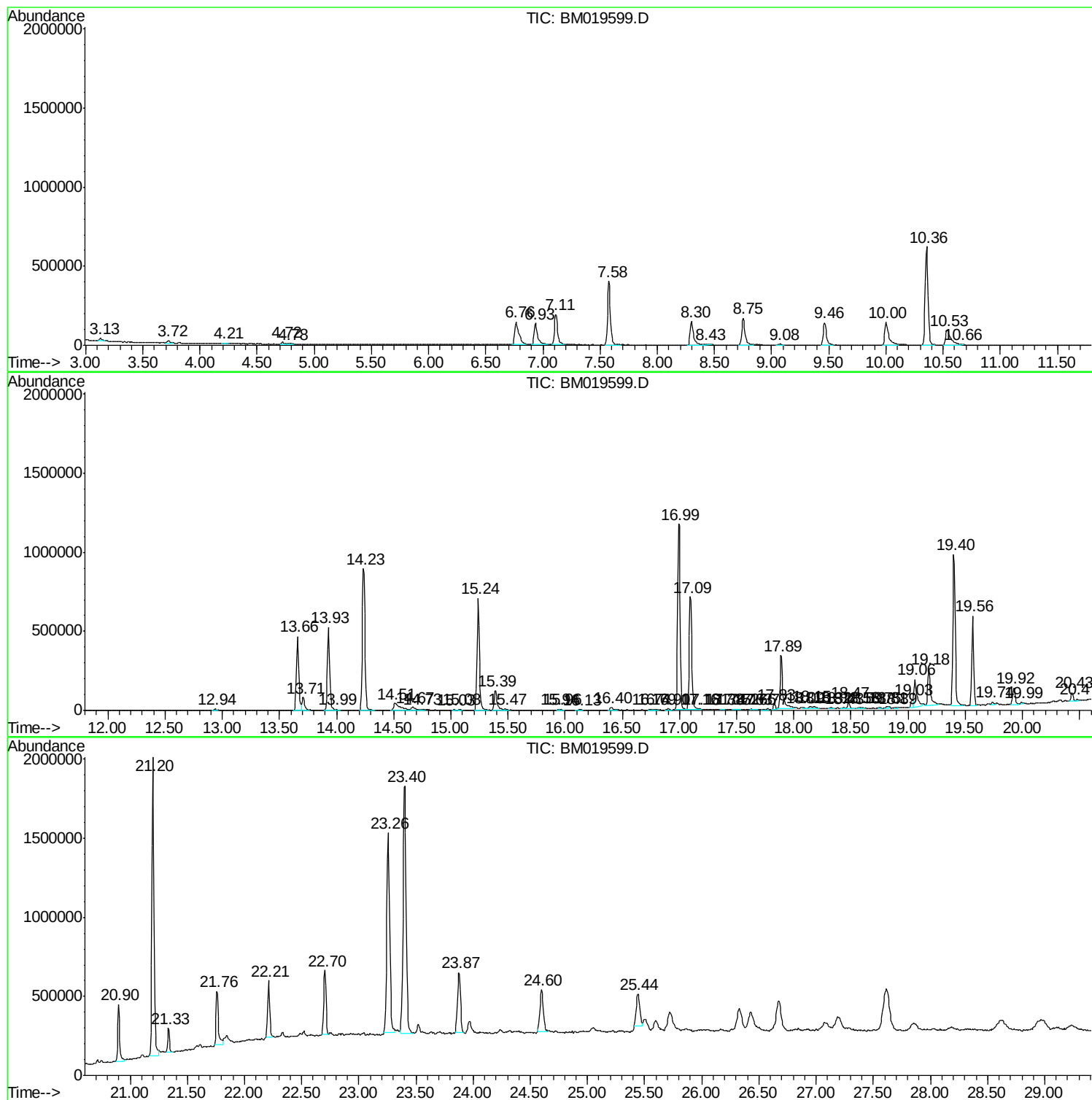
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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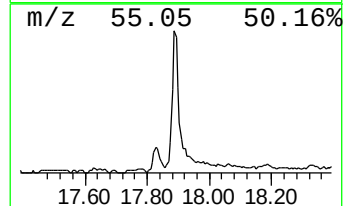
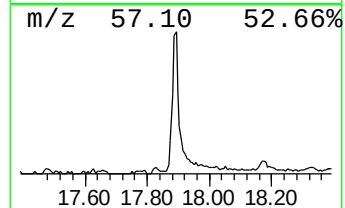
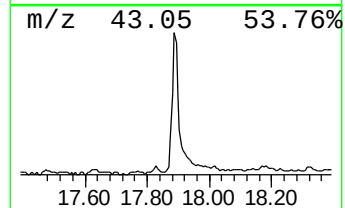
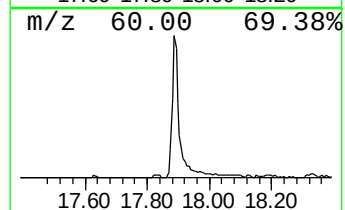
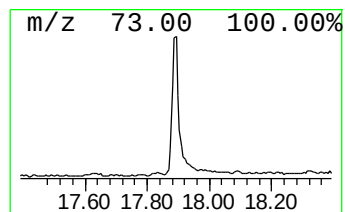
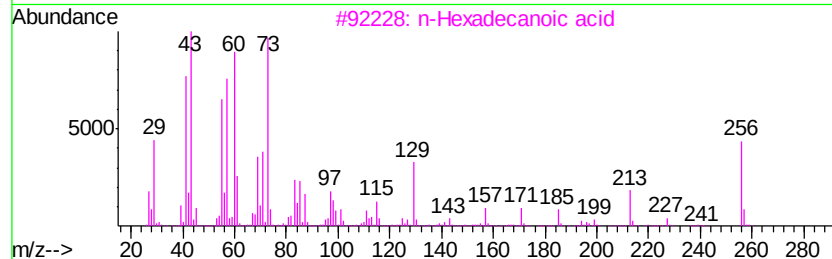
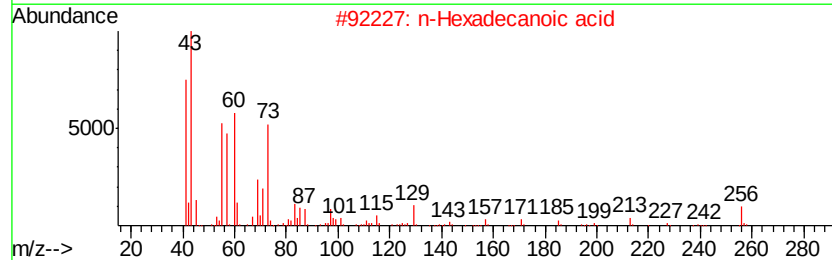
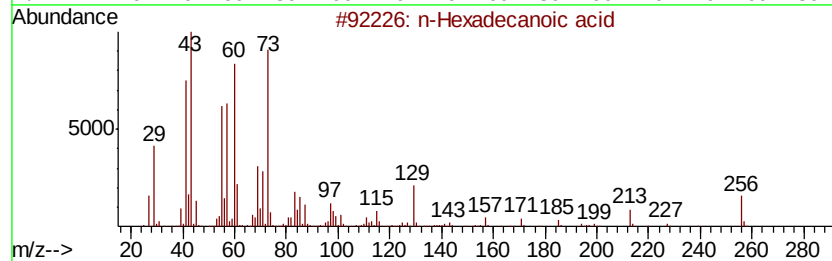
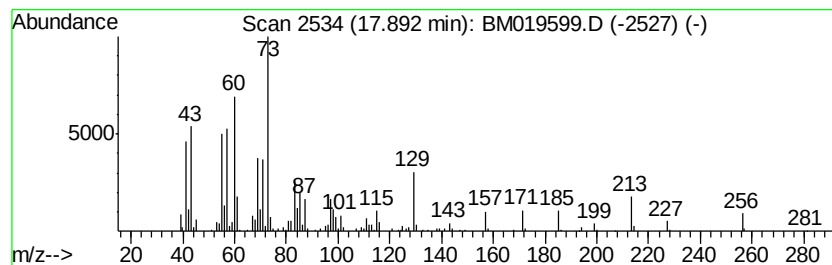
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	6.79 ng/ul	584866	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64	



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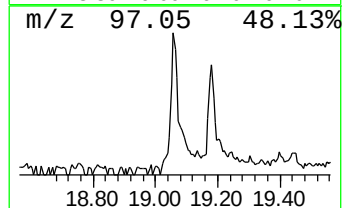
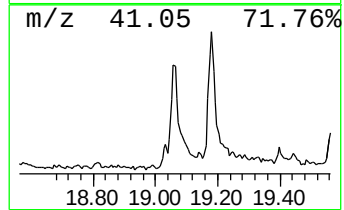
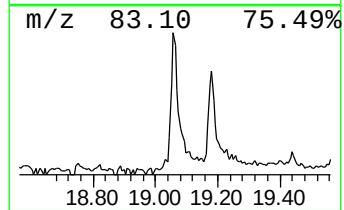
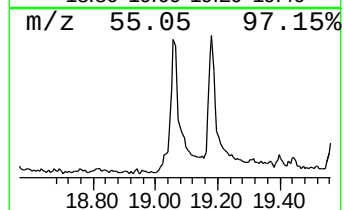
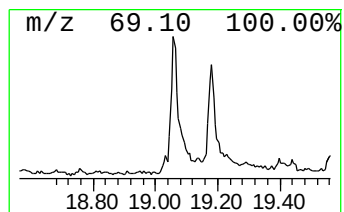
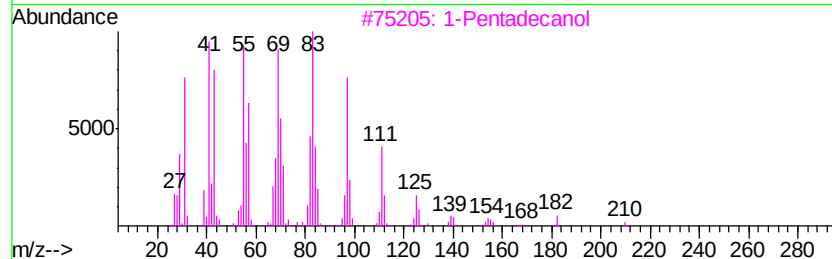
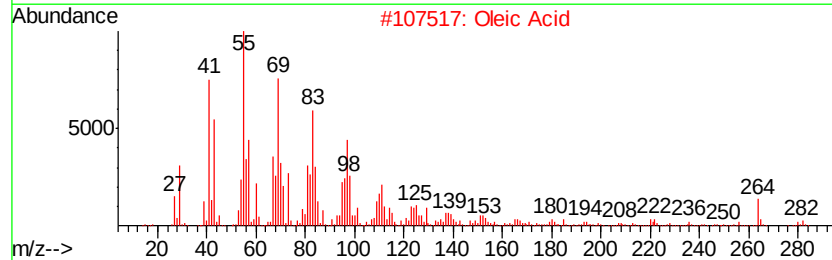
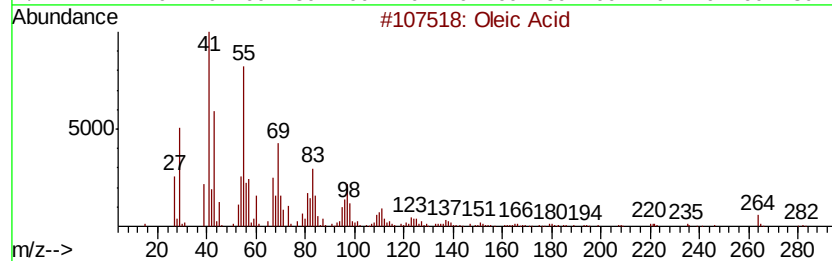
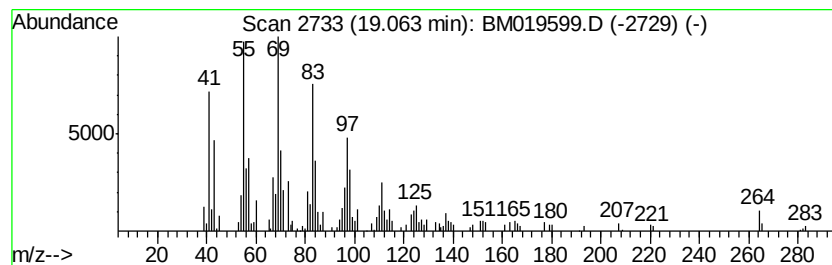
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Oleic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.80 ng/ul	327068	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oleic Acid	282 C18H34O2	000112-80-1	78
2	Oleic Acid	282 C18H34O2	000112-80-1	64
3	1-Pentadecanol	228 C15H32O	000629-76-5	49
4	12-Bromo-1-dodecanol	264 C12H25BrO	003344-77-2	47
5	Cyclohexane, 1,1'-(1-methyl-1,3-...	222 C16H30	041851-35-8	30



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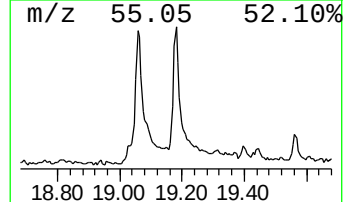
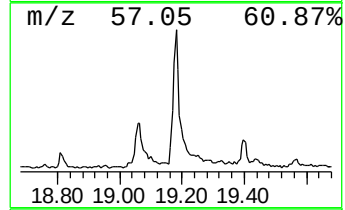
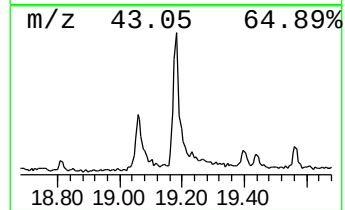
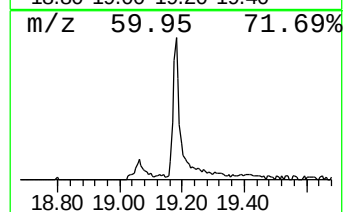
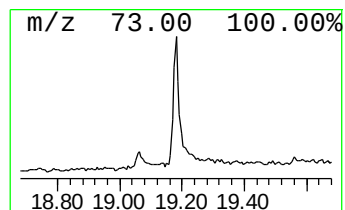
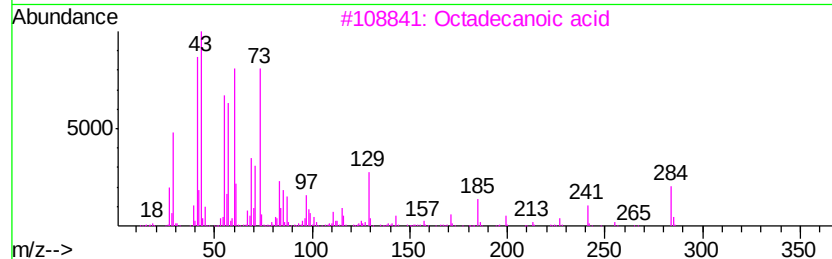
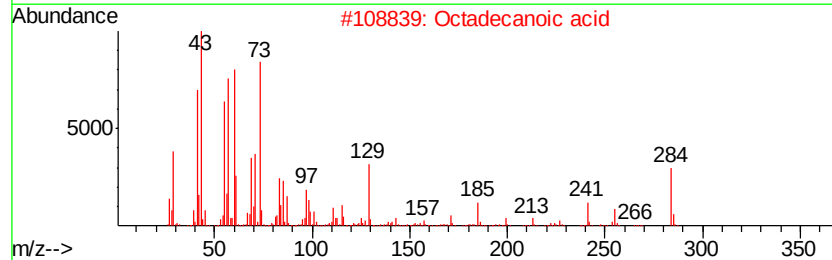
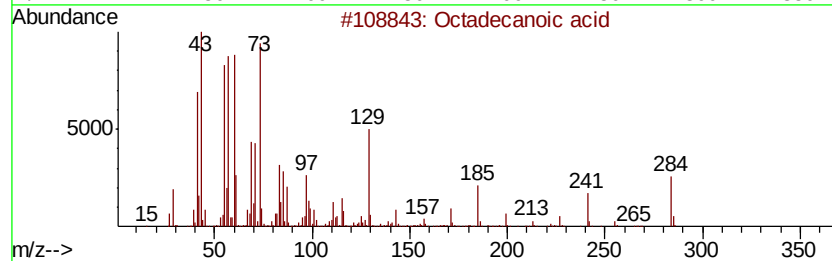
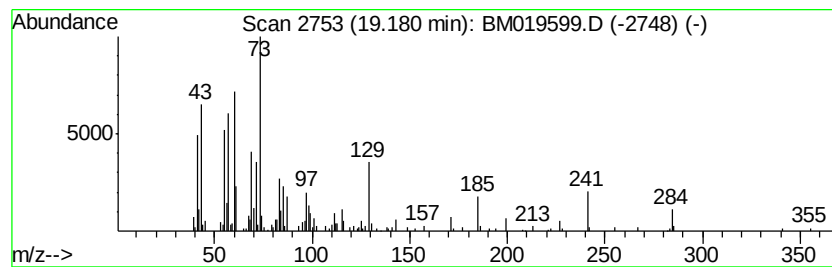
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Peak Number 3 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.99 ng/ul	372296	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	96
3	Octadecanoic acid	284 C18H36O2	000057-11-4	94
4	Octadecanoic acid	284 C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	89



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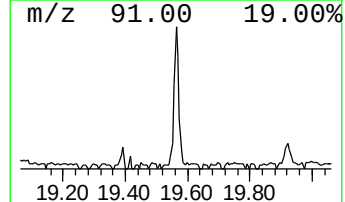
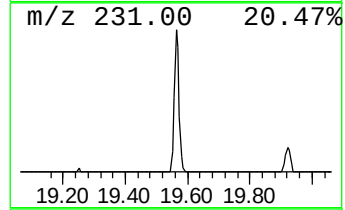
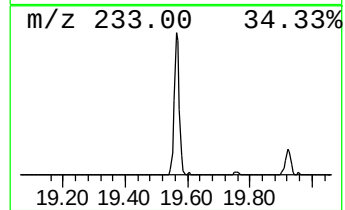
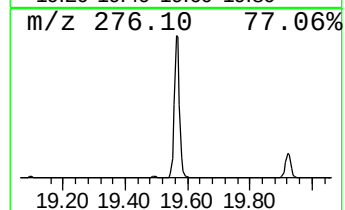
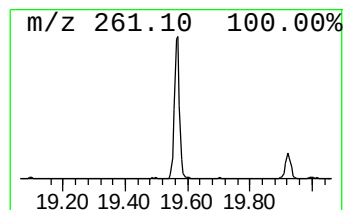
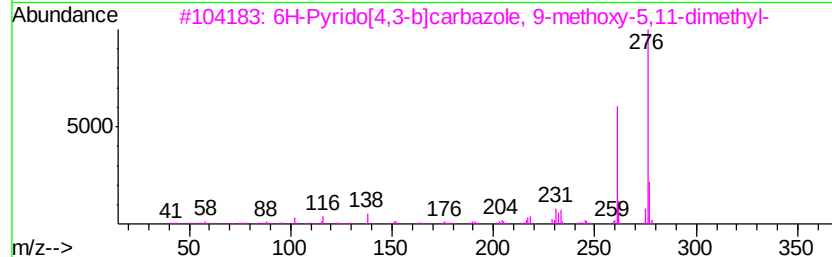
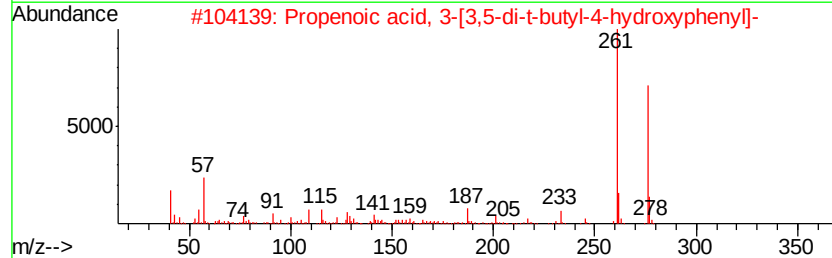
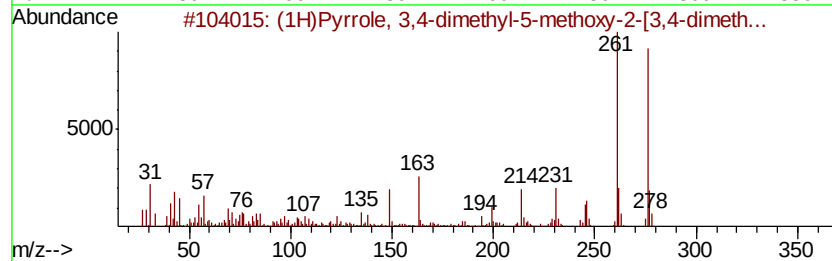
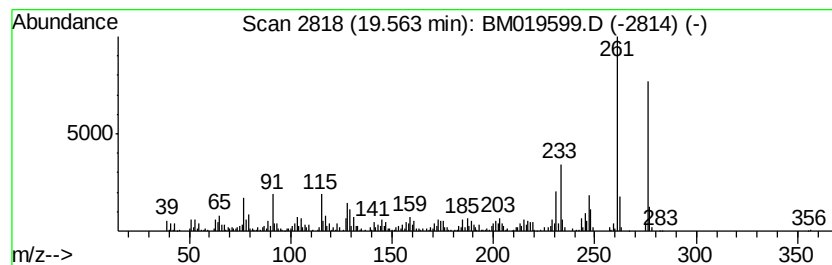
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (1H)Pyrrole, 3,4-dimethyl-5... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.56	5.32 ng/ul	660918	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	81	
2	Propenoic acid, 3-[3,5-di-t-buty...	276	C17H24O3	1000130-26-8	76	
3	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	74	
4	3-t-Butyl-4,5-diphenyl-1H-pyrazole	276	C19H20N2	105532-99-8	62	
5	Ethyl 6-methoxy-8-nitrocinconinate	276	C13H12N2O5	1000214-25-7	49	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019599.D
Acq On : 30 Mar 2019 02:53
Operator : JU/SJ
Sample : K2084-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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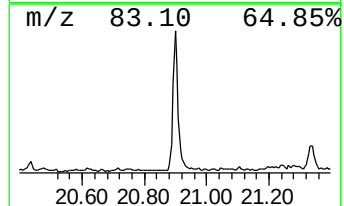
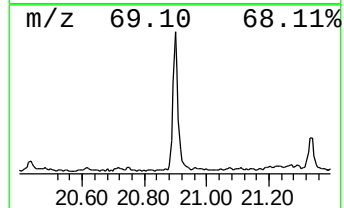
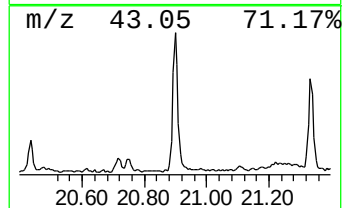
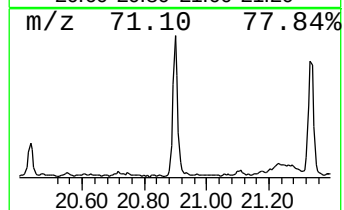
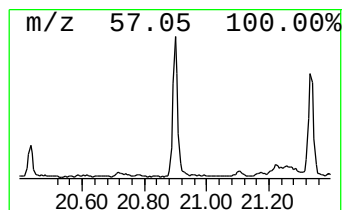
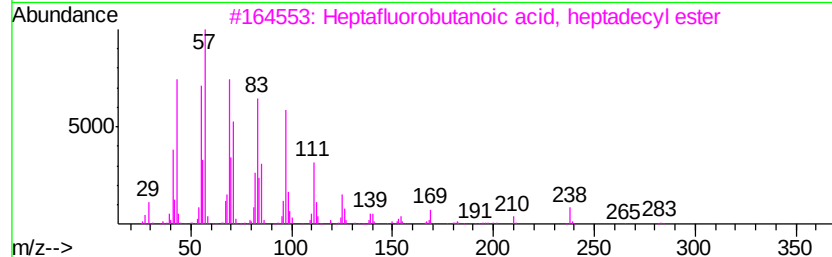
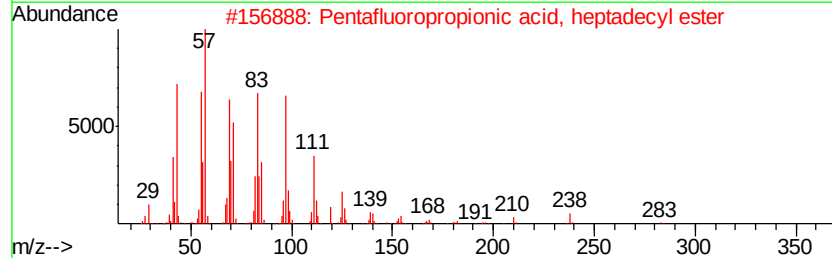
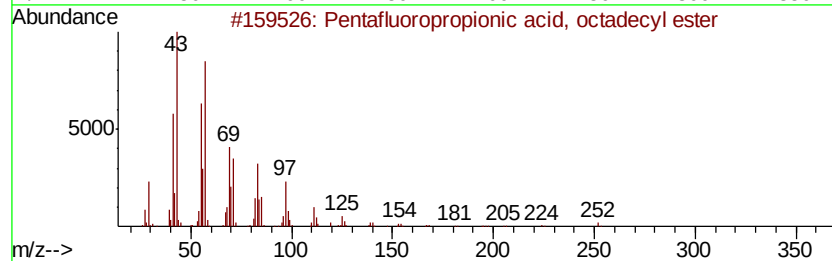
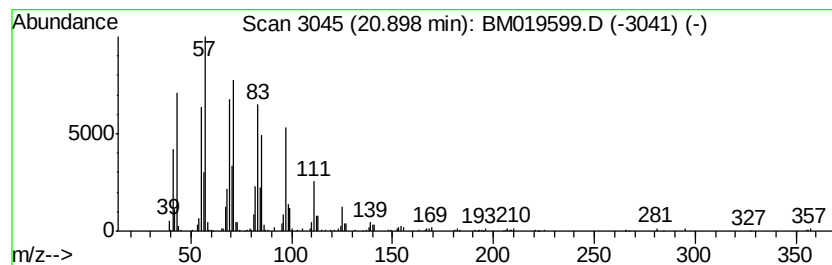
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.44 ng/ul	427349	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	1000280-07-7	87
2		Pentafluoropropionic acid, heptadecyl ester	402	C20H35F5O2	1000283-04-2	76
3		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	76
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	72
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019599.D
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Sample : K2084-07
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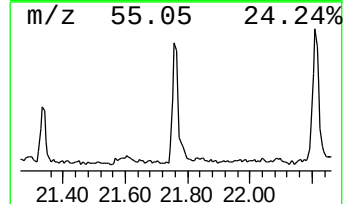
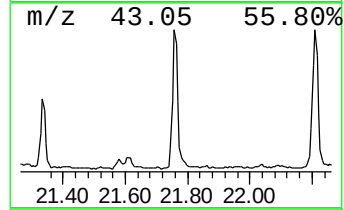
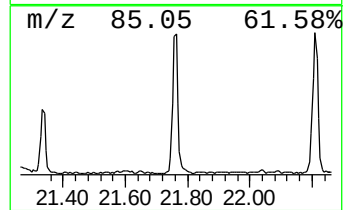
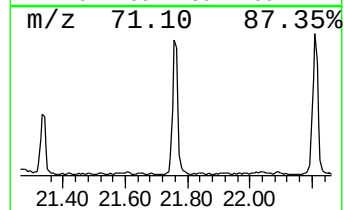
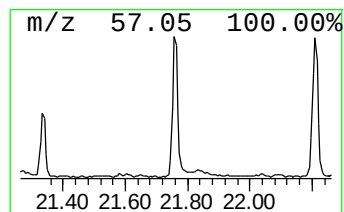
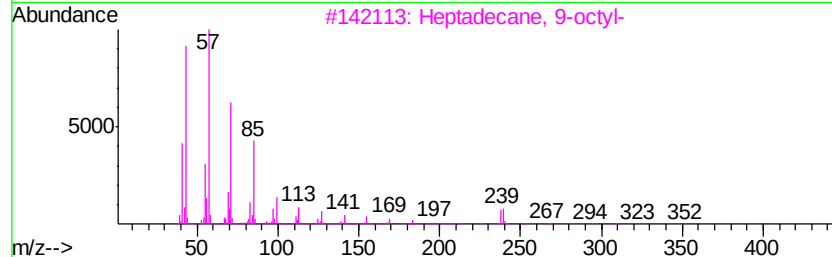
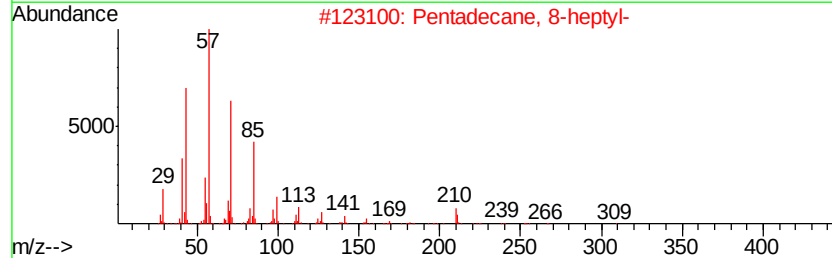
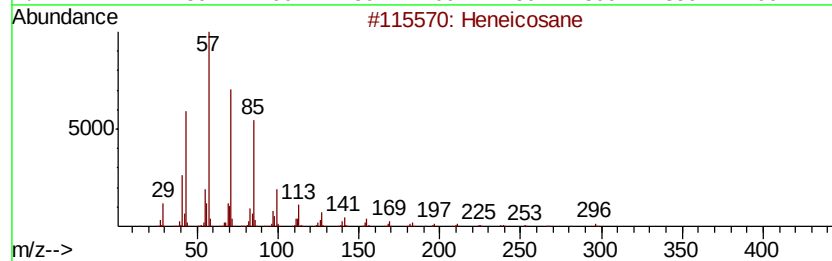
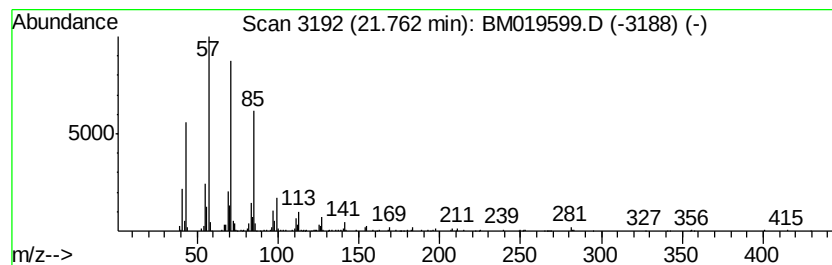
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.78 ng/ul	469512	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019599.D
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Sample : K2084-07
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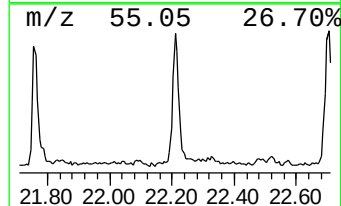
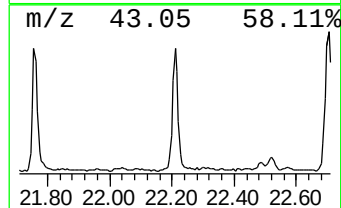
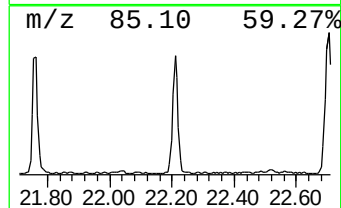
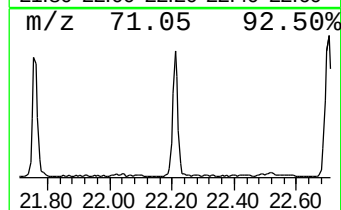
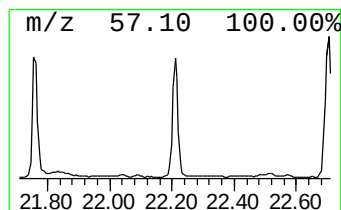
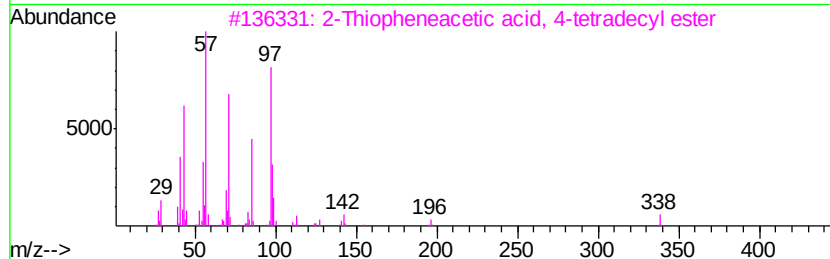
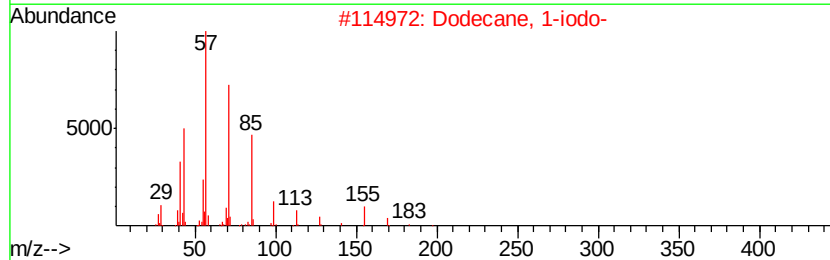
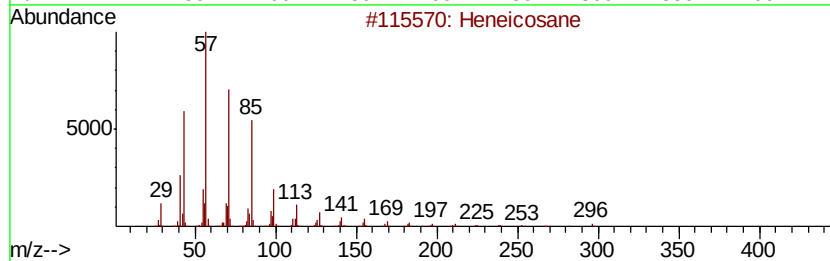
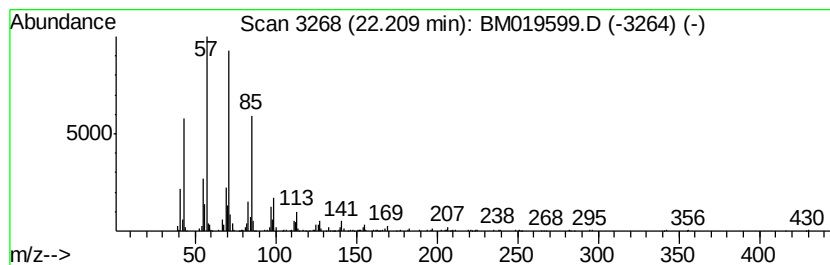
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	3.78 ng/ul	470127	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
4		Heptacosane	380	C27H56	000593-49-7	80
5		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019599.D
Acq On : 30 Mar 2019 02:53
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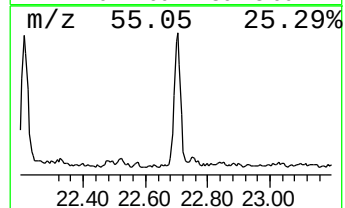
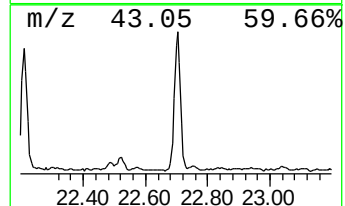
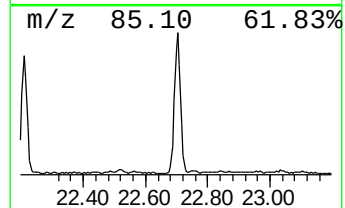
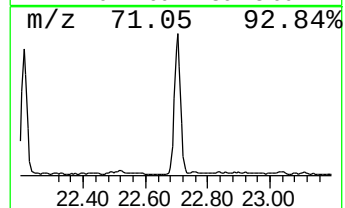
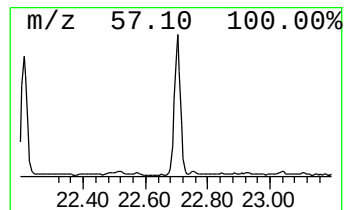
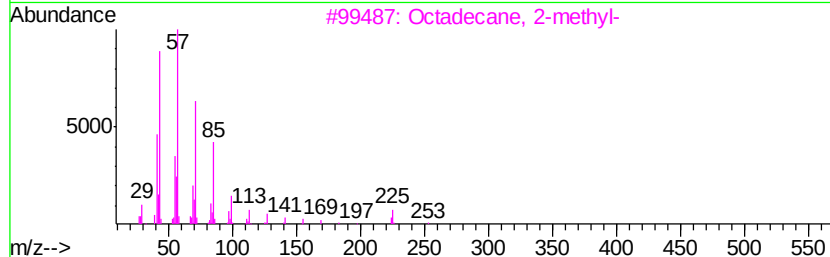
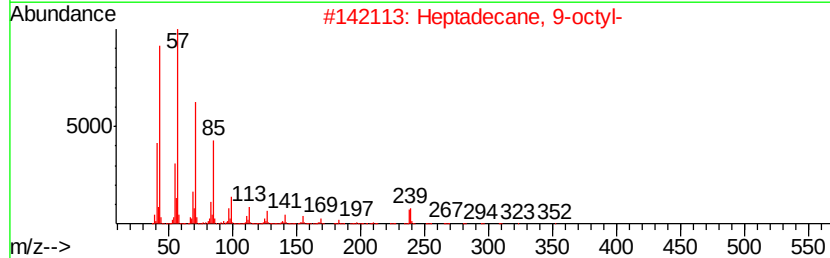
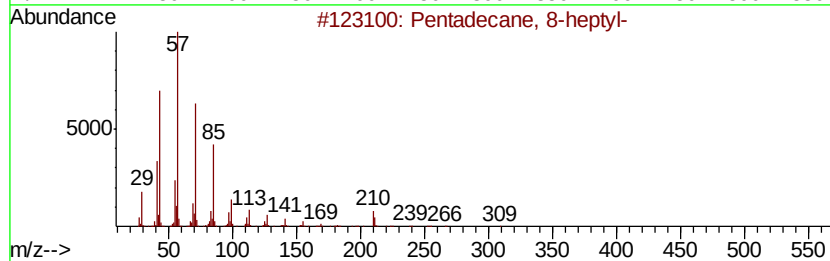
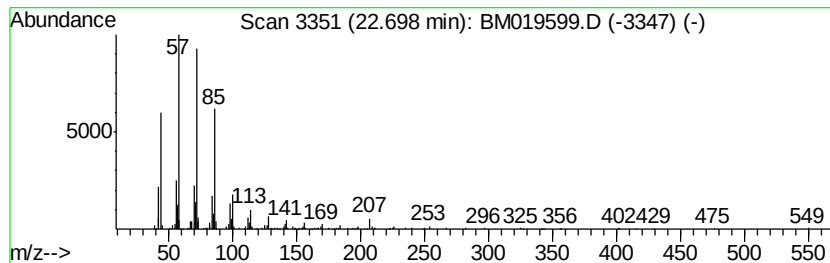
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.76 ng/ul	555891	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019599.D
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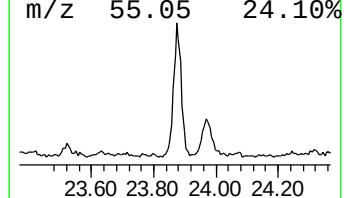
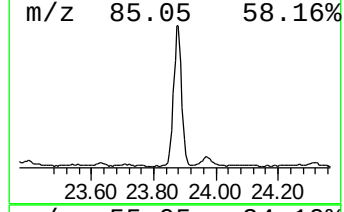
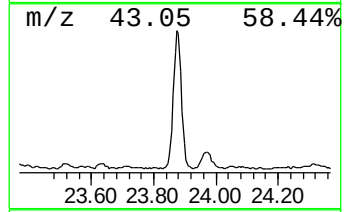
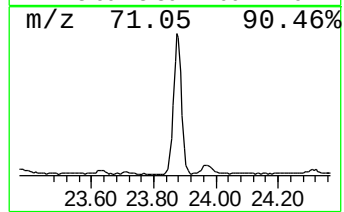
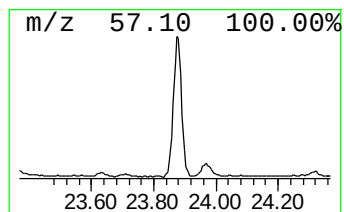
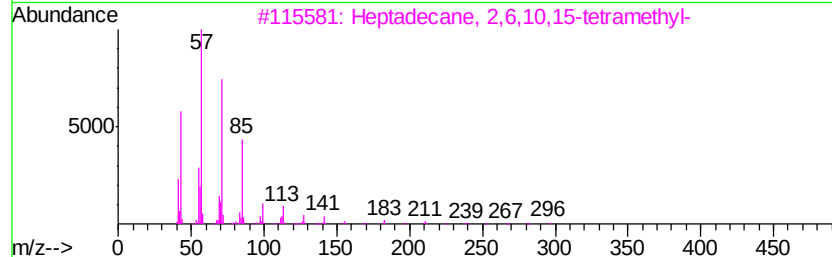
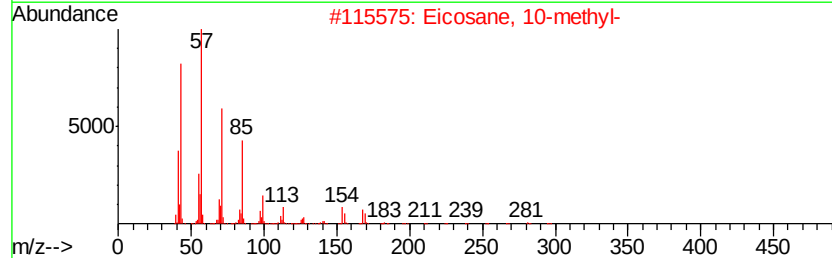
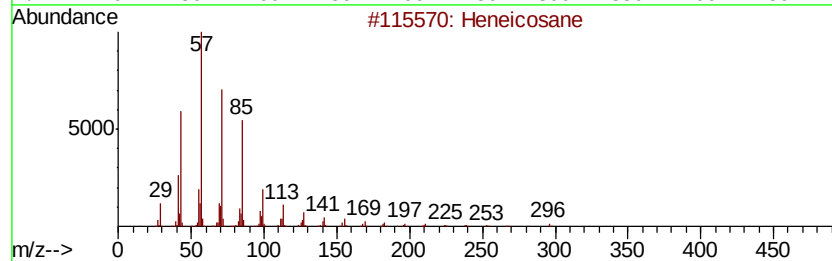
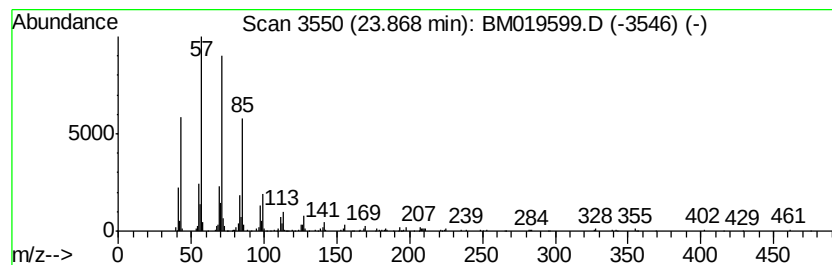
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.64 ng/ul	685241	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heptacosane	380	C27H56	000593-49-7	87



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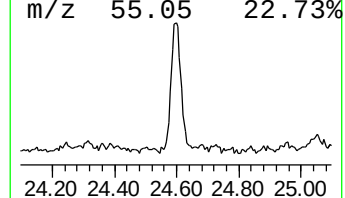
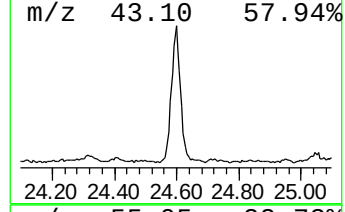
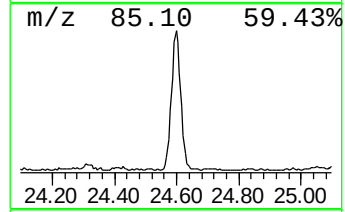
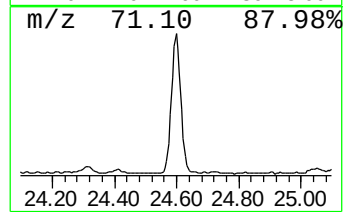
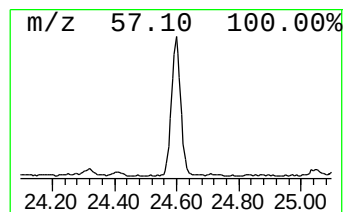
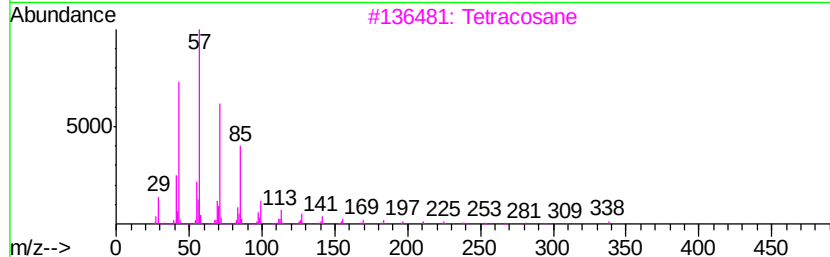
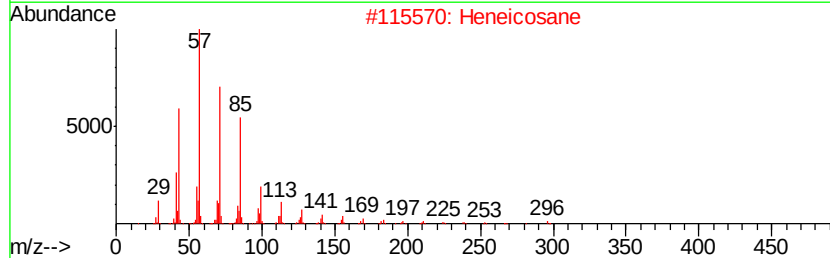
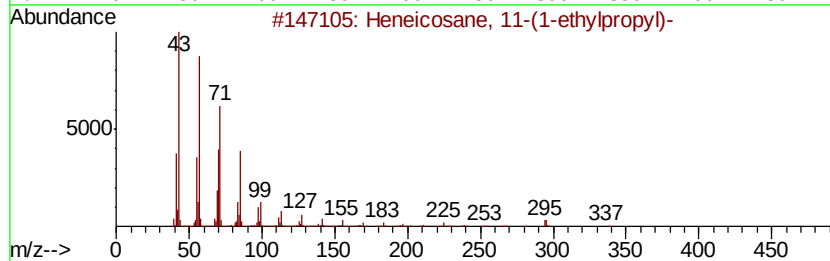
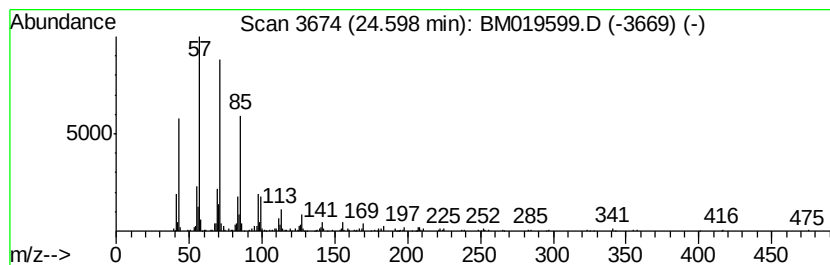
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.68 ng/ul	543575	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
2		Heneicosane	296	C21H44	000629-94-7	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Octadecane	254	C18H38	000593-45-3	83
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019599.D
Acq On : 30 Mar 2019 02:53
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Sample : K2084-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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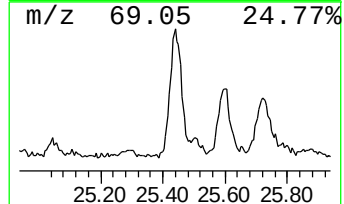
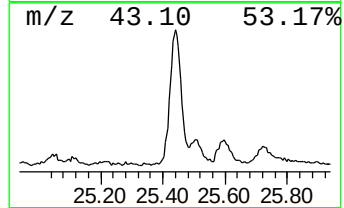
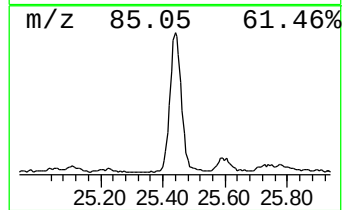
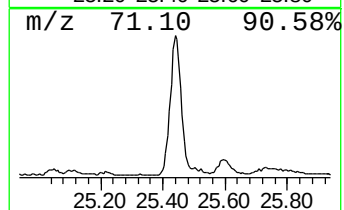
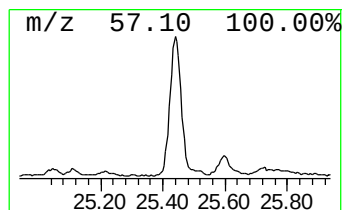
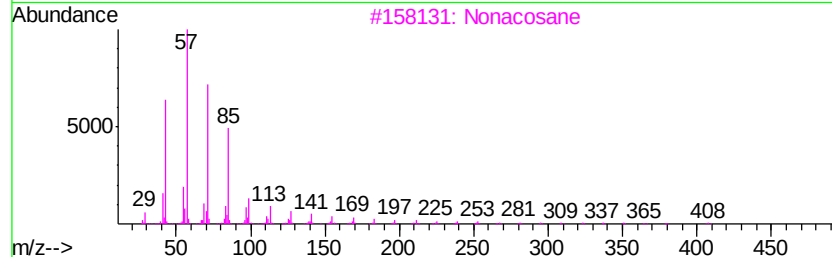
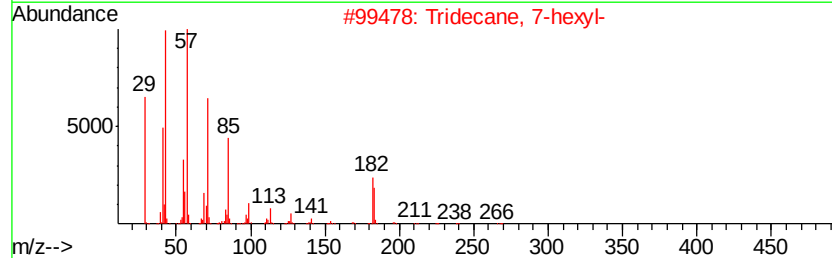
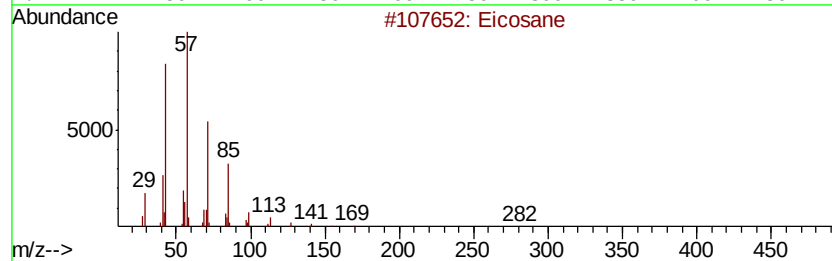
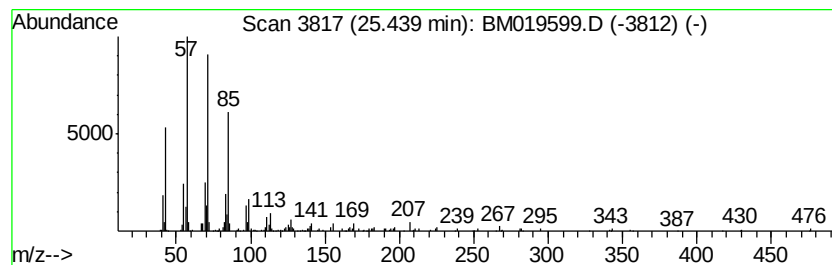
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	3.06 ng/ul	451263	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3		Nonacosane	408	C29H60	000630-03-5	83
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019599.D
 Acq On : 30 Mar 2019 02:53
 Operator : JU/SJ
 Sample : K2084-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7X5

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	6.8	ng/ul	584866	4	16.99	1723390	20.0
Oleic Acid	19.06	3.8	ng/ul	327068	4	16.99	1723390	20.0
Octadecanoic acid	19.18	3.0	ng/ul	372296	5	21.20	2486620	20.0
(1H)Pyrrole, 3,4-...	19.56	5.3	ng/ul	660918	5	21.20	2486620	20.0
Pentafluoropropio...	20.90	3.4	ng/ul	427349	5	21.20	2486620	20.0
(DEL) Alkane: Str...	21.76	3.8	ng/ul	469512	5	21.20	2486620	20.0
(DEL) Alkane: Str...	22.21	3.8	ng/ul	470127	5	21.20	2486620	20.0
(DEL) Alkane: Str...	22.70	3.8	ng/ul	555891	6	23.40	2953810	20.0
(DEL) Alkane: Str...	23.87	4.6	ng/ul	685241	6	23.40	2953810	20.0
(DEL) Alkane: Str...	24.60	3.7	ng/ul	543575	6	23.40	2953810	20.0
(DEL) Alkane: Str...	25.44	3.1	ng/ul	451263	6	23.40	2953810	20.0