

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019875.D
 Acq On : 10 Apr 2019 22:08
 Operator : JU/SJ
 Sample : K2303-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF8A4

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	3.110	18	21	31	rVB	31098	54294	3.00%	0.233%
2	4.587	270	272	276	rVB3	1693	1966	0.11%	0.008%
3	4.704	288	292	298	rVB4	3501	6625	0.37%	0.028%
4	5.116	358	362	364	rBV4	1526	1984	0.11%	0.009%
5	6.745	632	639	652	rBV	223940	503407	27.85%	2.158%
6	6.904	660	666	687	rBV	204021	397258	21.98%	1.703%
7	7.087	691	697	714	rVB	313311	534871	29.59%	2.293%
8	7.551	769	776	786	rBV	411535	706477	39.09%	3.028%
9	7.957	841	845	848	rVB2	1104	1864	0.10%	0.008%
10	8.204	885	887	892	rVB4	1447	2292	0.13%	0.010%
11	8.275	892	899	917	rBV	291976	599127	33.15%	2.568%
12	8.645	958	962	965	rBV3	1333	1998	0.11%	0.009%
13	8.722	968	975	993	rBV	252151	499500	27.64%	2.141%
14	9.034	1023	1028	1032	rBV	10564	13567	0.75%	0.058%
15	9.351	1078	1082	1085	rBV	1202	2148	0.12%	0.009%
16	9.434	1090	1096	1111	rBV	207119	401882	22.23%	1.723%
17	9.663	1132	1135	1137	rVB2	1467	1857	0.10%	0.008%
18	9.975	1182	1188	1209	rBV3	221605	569508	31.51%	2.441%
19	10.128	1212	1214	1221	rVB3	3500	5396	0.30%	0.023%
20	10.328	1241	1248	1260	rBV	613237	1029583	56.96%	4.414%
21	10.504	1271	1278	1299	rBV	194744	537970	29.76%	2.306%
22	10.739	1315	1318	1319	rVB	2133	1850	0.10%	0.008%
23	11.963	1520	1526	1528	rBV3	2847	4673	0.26%	0.020%
24	13.145	1725	1727	1731	rVB	1513	2059	0.11%	0.009%
25	13.633	1804	1810	1816	rBV	635406	959133	53.07%	4.112%
26	13.686	1816	1819	1831	rVB	131565	197812	10.94%	0.848%
27	13.904	1849	1856	1866	rBV	753244	1105202	61.15%	4.738%
28	14.092	1885	1888	1891	rBV2	2690	3202	0.18%	0.014%
29	14.216	1902	1909	1920	rBV2	825810	1308157	72.38%	5.608%
30	14.521	1955	1961	1973	rBV3	59798	229230	12.68%	0.983%
31	14.998	2040	2042	2049	rVB4	3414	4661	0.26%	0.020%
32	15.051	2049	2051	2054	rBV3	4937	4507	0.25%	0.019%
33	15.216	2073	2079	2093	rBV	907581	1396478	77.26%	5.986%
34	15.386	2103	2108	2118	rBV	151240	284250	15.73%	1.218%

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35	15.463	2118	2121	2126	rVB4	9674	13752	0.76%	0.059%
36	15.915	2195	2198	2201	rBV2	2433	2996	0.17%	0.013%
37	16.010	2211	2214	2217	rBV2	2679	2701	0.15%	0.012%
38	16.392	2275	2279	2281	rBV3	4923	7115	0.39%	0.030%
39	16.710	2332	2333	2336	rBV	3295	2866	0.16%	0.012%
40	16.774	2340	2344	2347	rVB	2367	3657	0.20%	0.016%
41	16.974	2372	2378	2389	rBV	1027669	1441340	79.74%	6.179%
42	17.074	2389	2395	2406	rVV2	964123	1423795	78.77%	6.103%
43	17.145	2406	2407	2412	rVB4	6033	7847	0.43%	0.034%
44	17.262	2421	2427	2430	rVB4	6462	8281	0.46%	0.035%
45	17.315	2432	2436	2440	rVB3	8949	11814	0.65%	0.051%
46	17.357	2440	2443	2444	rBV3	2812	2716	0.15%	0.012%
47	17.457	2456	2460	2462	rBV3	2729	4136	0.23%	0.018%
48	17.492	2462	2466	2468	rVB4	2523	2771	0.15%	0.012%
49	17.580	2478	2481	2484	rBV3	2364	2757	0.15%	0.012%
50	17.633	2487	2490	2495	rBV2	2556	4512	0.25%	0.019%
51	17.739	2504	2508	2513	rBV5	10832	18096	1.00%	0.078%
52	17.868	2524	2530	2537	rBV	155058	255798	14.15%	1.097%
53	18.086	2565	2567	2571	rBV4	2580	2957	0.16%	0.013%
54	18.145	2574	2577	2581	rVV3	3567	6266	0.35%	0.027%
55	18.315	2604	2606	2608	rBV3	2839	2716	0.15%	0.012%
56	18.357	2612	2613	2617	rVB3	2655	1823	0.10%	0.008%
57	18.509	2635	2639	2641	rBV4	2095	2676	0.15%	0.011%
58	18.556	2644	2647	2648	rVV3	3165	3789	0.21%	0.016%
59	18.580	2649	2651	2656	rVB5	7663	11124	0.62%	0.048%
60	18.627	2656	2659	2663	rBV4	12052	15136	0.84%	0.065%
61	18.792	2683	2687	2693	rBV9	6597	13671	0.76%	0.059%
62	18.833	2693	2694	2698	rBV4	3532	4797	0.27%	0.021%
63	18.939	2711	2712	2714	rBV	3668	2242	0.12%	0.010%
64	19.021	2721	2726	2727	rBV2	20891	25510	1.41%	0.109%
65	19.156	2745	2749	2755	rBV2	50926	85469	4.73%	0.366%
66	19.268	2766	2768	2769	rBV2	6517	6447	0.36%	0.028%
67	19.327	2777	2778	2779	rBV	4139	2485	0.14%	0.011%
68	19.386	2782	2788	2798	rVV	1168429	1645754	91.05%	7.055%
69	19.721	2841	2845	2848	rBV	74806	83767	4.63%	0.359%
70	19.756	2848	2851	2858	rVB	161254	168049	9.30%	0.720%
71	20.409	2960	2962	2966	rBV3	19496	25068	1.39%	0.107%

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72	20.698	3008	3011	3014	rBV4	26530	35294	1.95%	0.151%
73	20.733	3014	3017	3020	rVV2	46445	51548	2.85%	0.221%
74	20.886	3038	3043	3052	rBV	323129	513829	28.43%	2.203%
75	21.186	3089	3094	3106	rBV	1105369	1493684	82.64%	6.403%
76	21.315	3113	3116	3121	rBV2	73477	75522	4.18%	0.324%
77	21.739	3185	3188	3191	rBV2	114717	126204	6.98%	0.541%
78	22.186	3261	3264	3269	rVB	151459	195335	10.81%	0.837%
79	22.309	3282	3285	3290	rVB	211985	249670	13.81%	1.070%
80	22.674	3344	3347	3353	rVB	190955	275060	15.22%	1.179%
81	23.244	3436	3444	3453	rVB	830496	1807467	100.00%	7.748%
82	23.386	3463	3468	3480	rVB2	756514	1474535	81.58%	6.321%
83	23.844	3542	3546	3556	rVB2	174799	328276	18.16%	1.407%

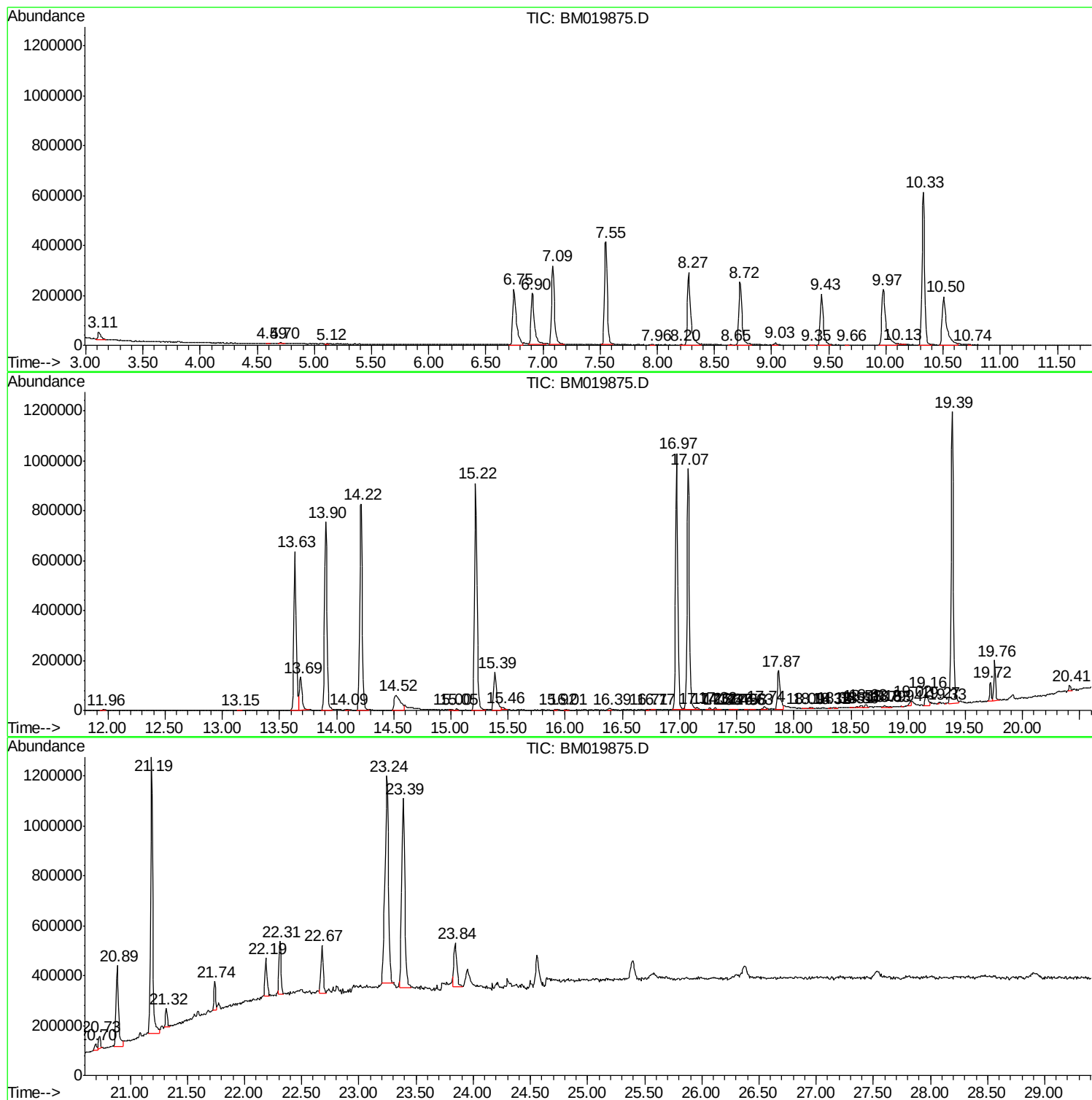
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Instrument :
BNA_M
ClientSampled :
BF8A4

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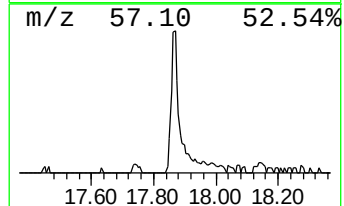
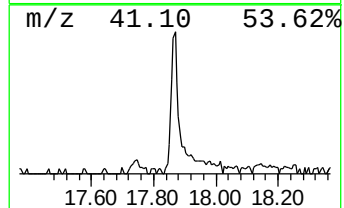
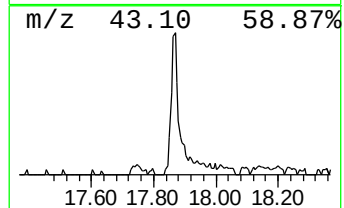
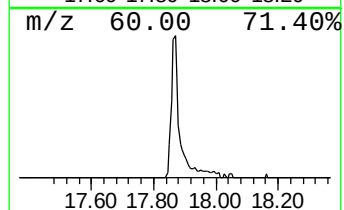
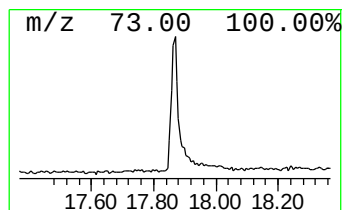
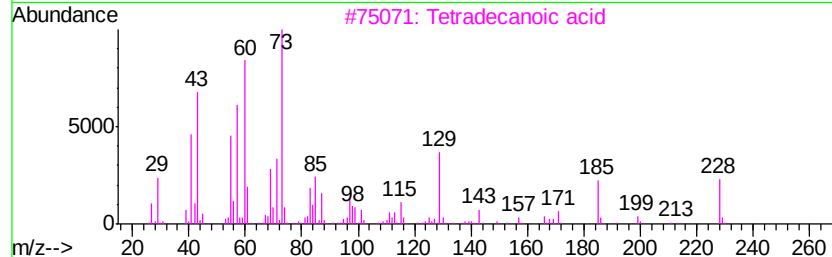
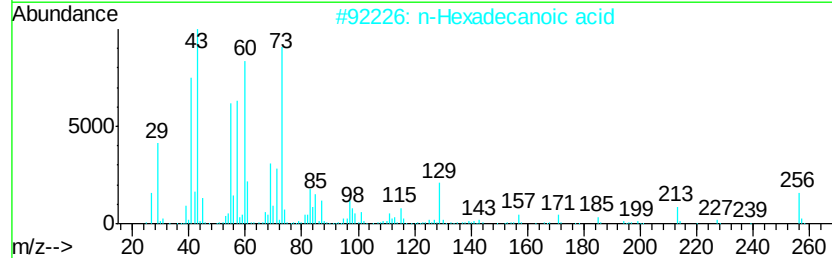
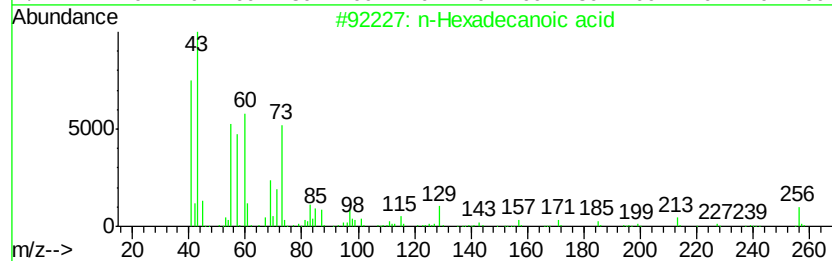
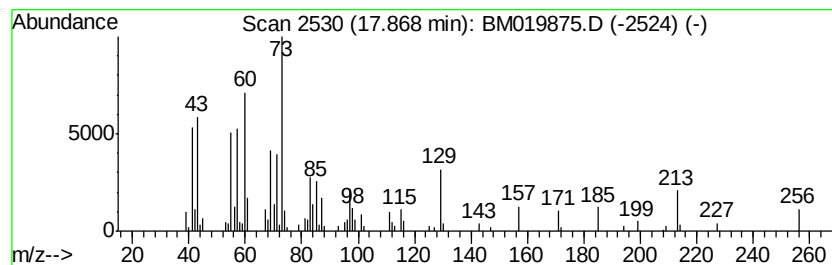
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	3.55 ng/ul	255798	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5		Amyl Nitrite	117	C5H11NO2	000110-46-3	27



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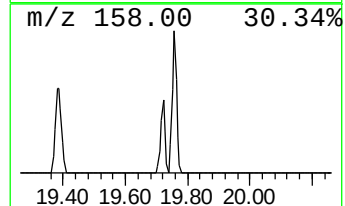
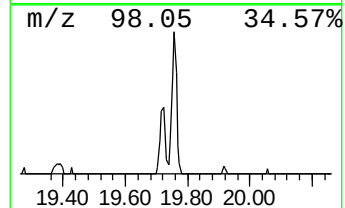
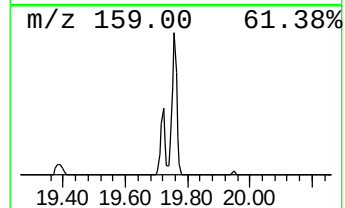
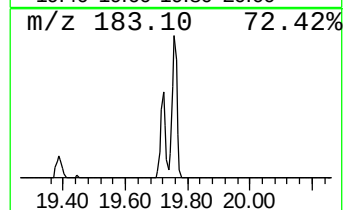
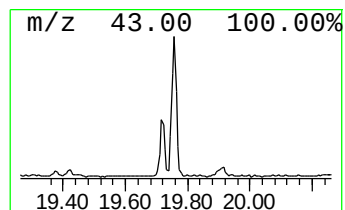
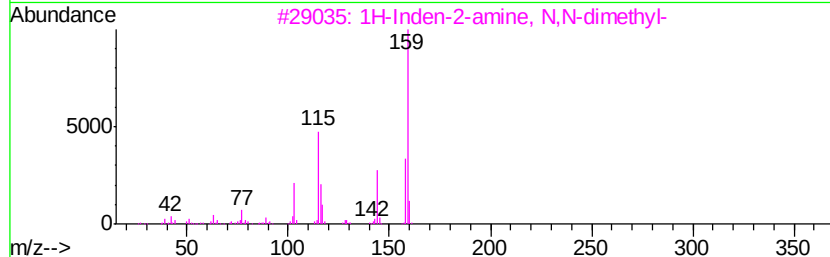
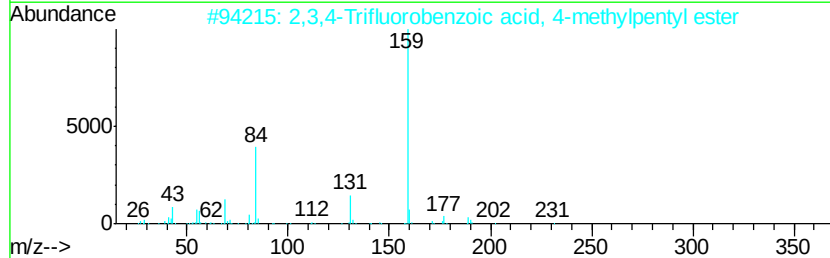
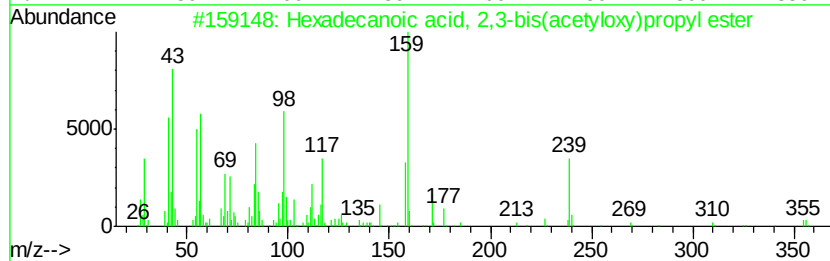
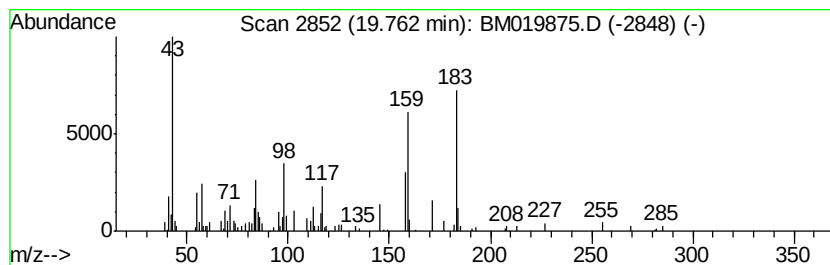
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.76	2.25 ng/ul	168049	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	70
2		2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14
3		1H-Inden-2-amine, N,N-dimethyl-	159	C11H13N	035336-08-4	12
4		5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	12
5		Lauric anhydride	382	C24H46O3	000645-66-9	12



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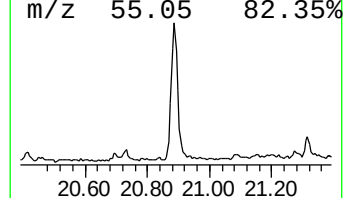
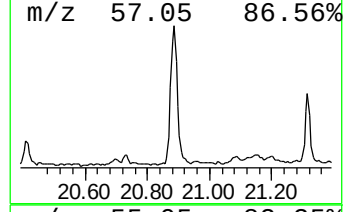
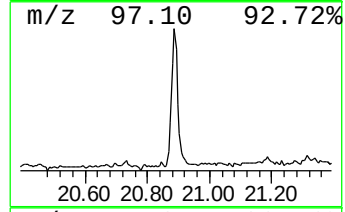
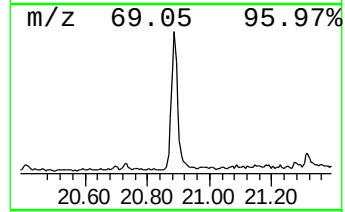
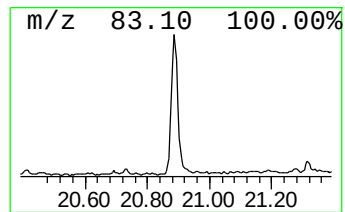
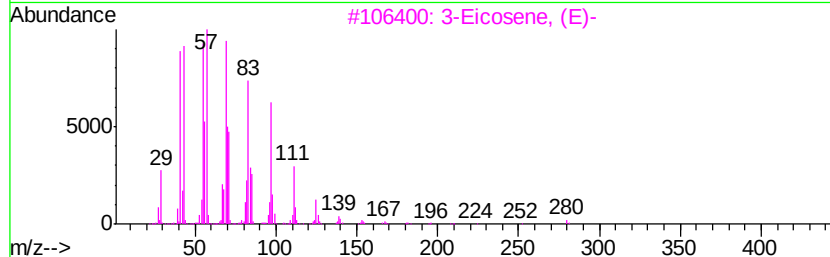
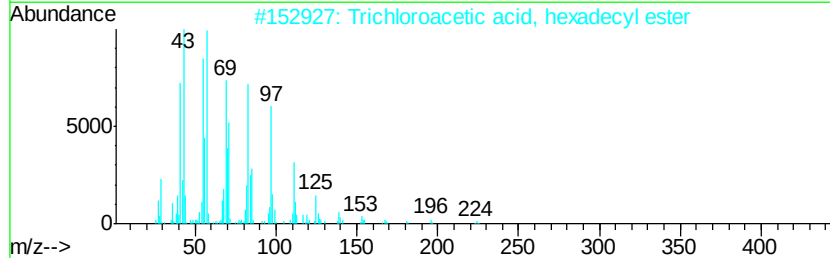
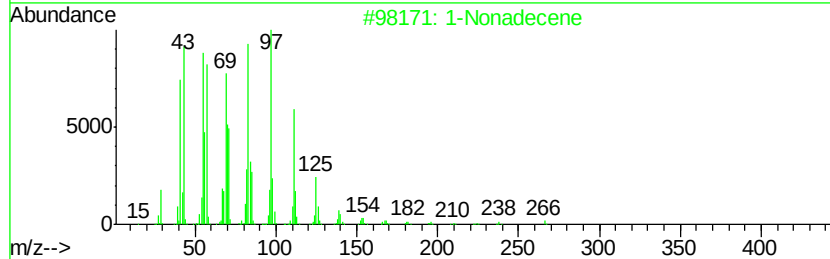
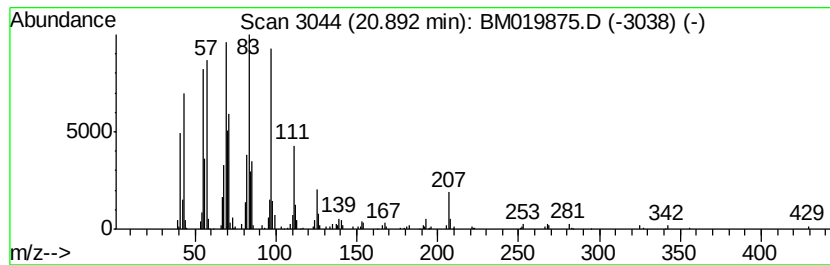
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.88 ng/ul	513829	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5		Isoheptadecanol	256	C17H36O	057289-07-3	87



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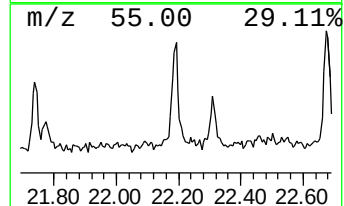
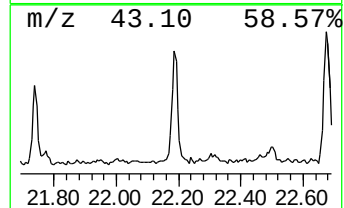
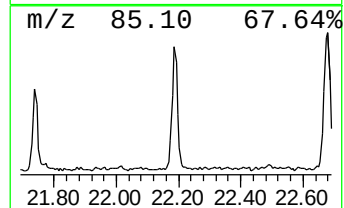
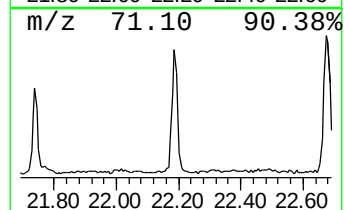
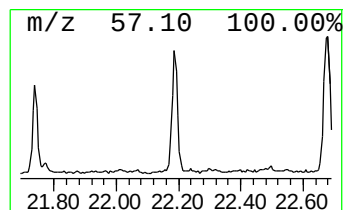
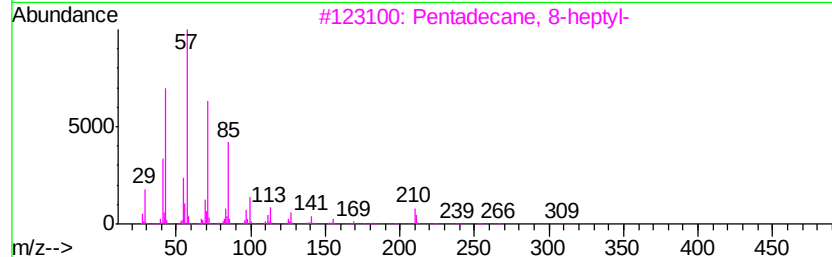
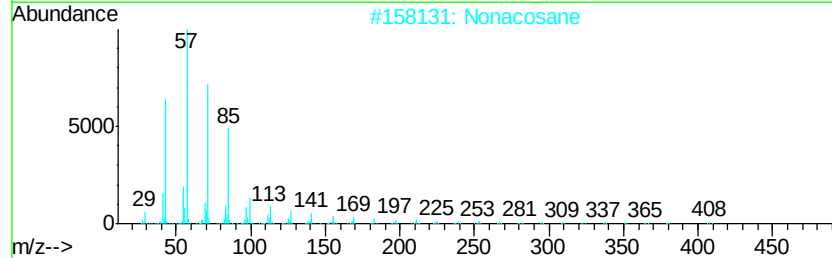
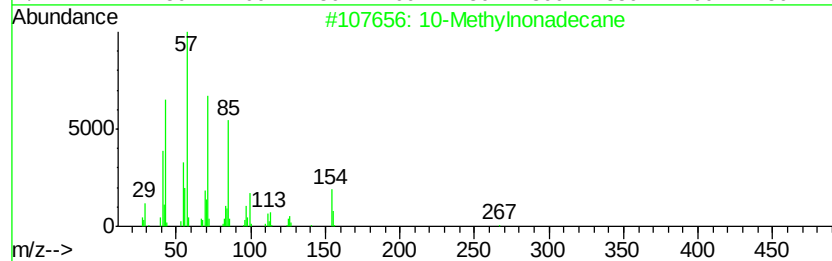
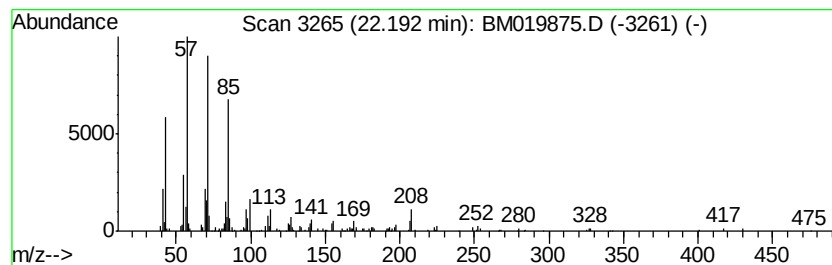
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.62 ng/ul	195335	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	86
2		Nonacosane	408	C29H60	000630-03-5	86
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
5		Docosane	310	C22H46	000629-97-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
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Acq On : 10 Apr 2019 22:08
Operator : JU/SJ
Sample : K2303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

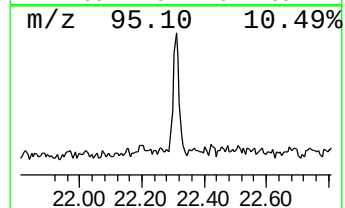
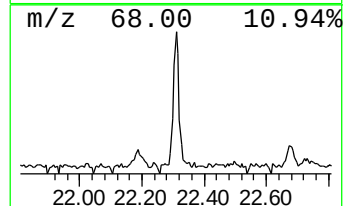
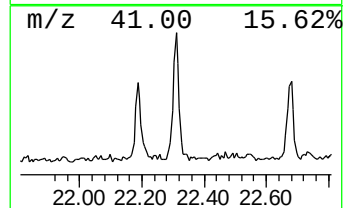
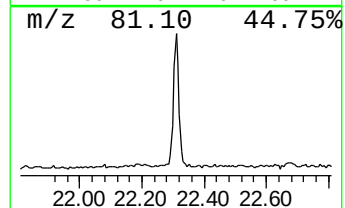
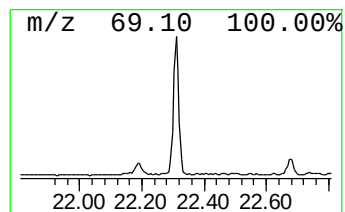
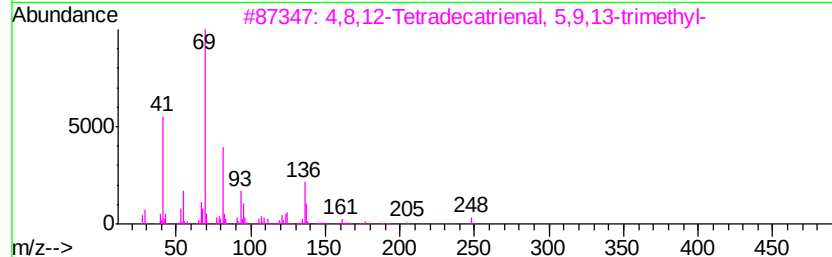
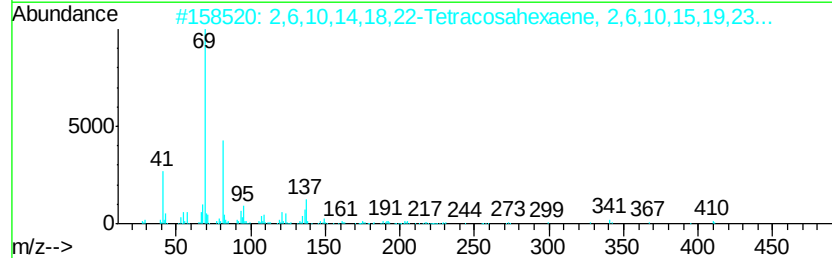
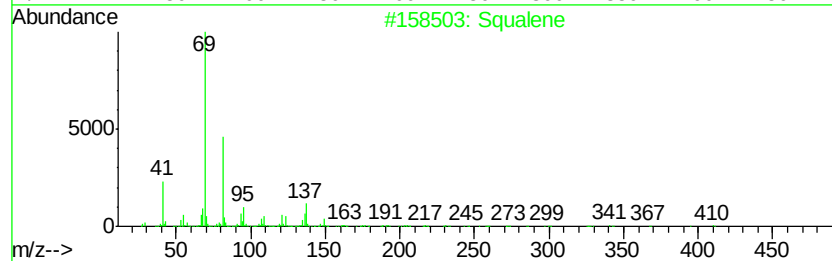
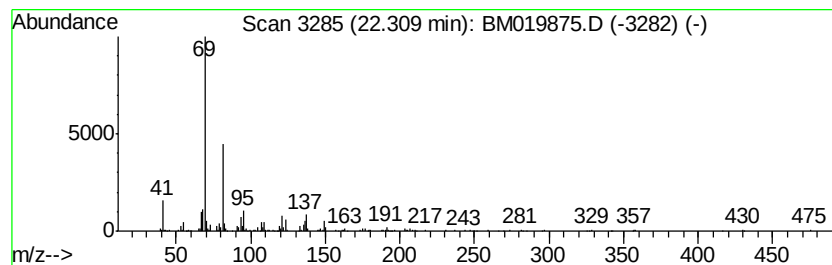
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	3.39 ng/ul	249670	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	86
3	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	80
4	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	78
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019875.D
Acq On : 10 Apr 2019 22:08
Operator : JU/SJ
Sample : K2303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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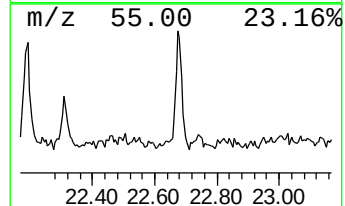
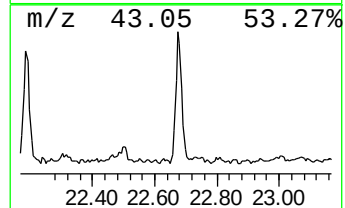
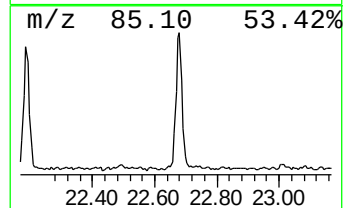
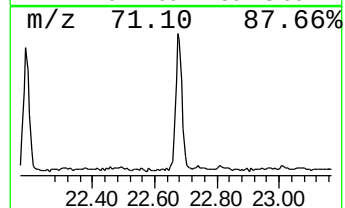
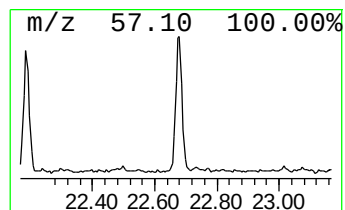
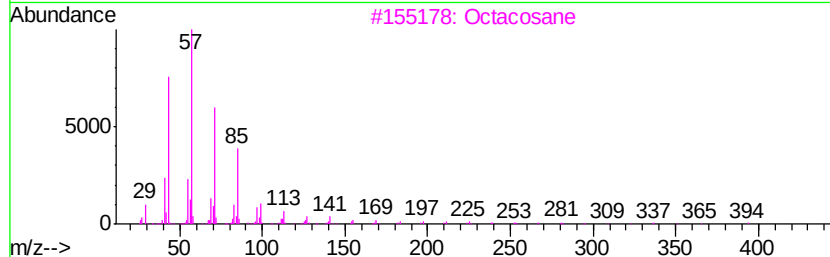
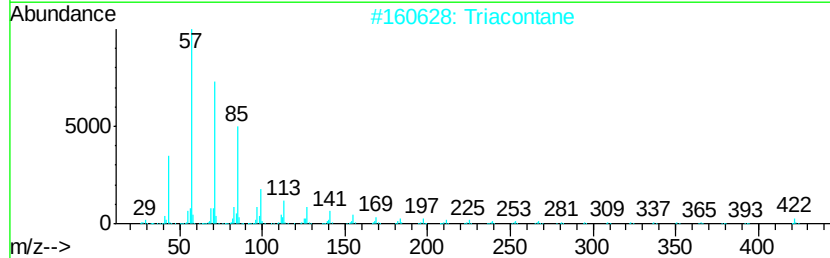
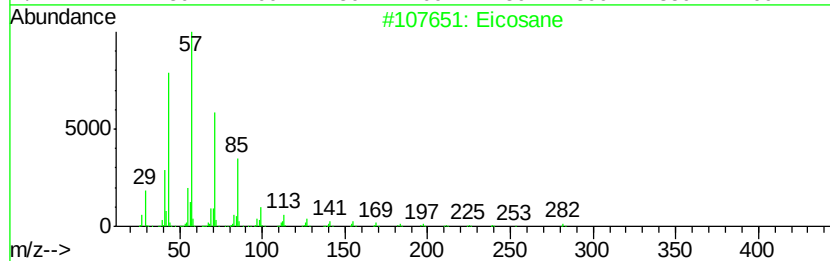
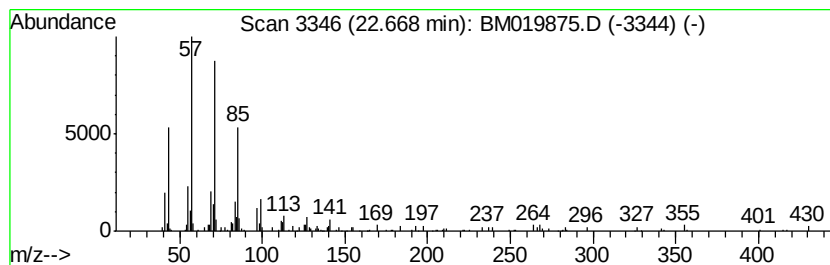
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.73 ng/ul	275060	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019875.D
Acq On : 10 Apr 2019 22:08
Operator : JU/SJ
Sample : K2303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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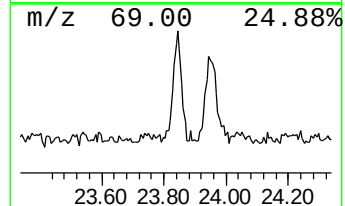
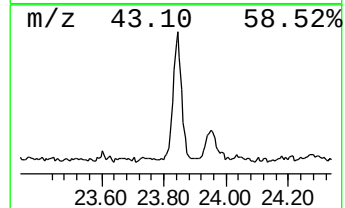
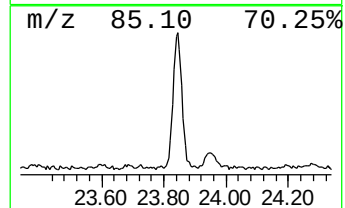
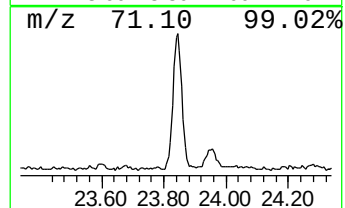
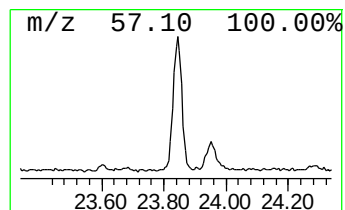
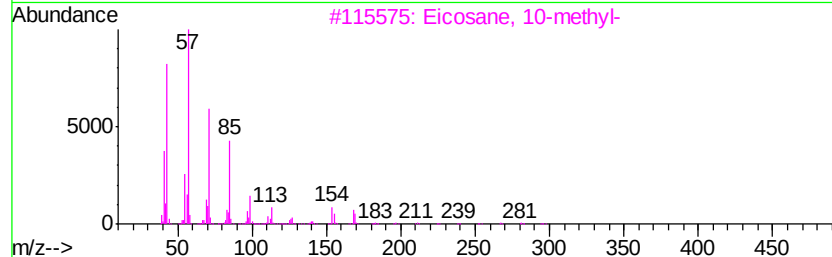
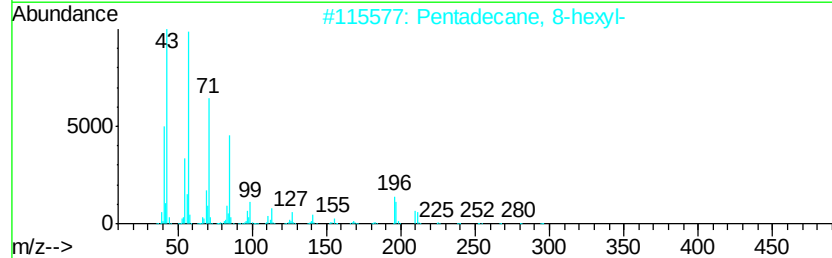
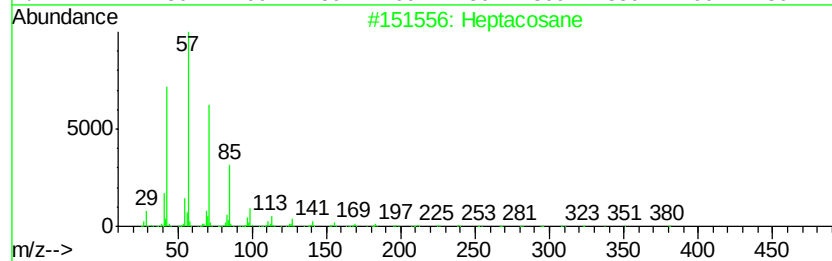
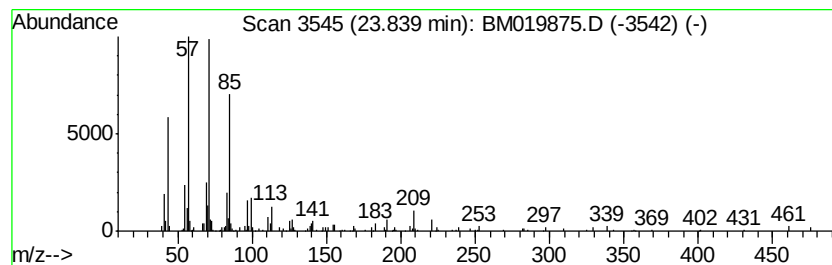
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	4.45 ng/ul	328276	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019875.D
Acq On : 10 Apr 2019 22:08
Operator : JU/SJ
Sample : K2303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.5	ng/ul	255798	4	16.97	1441340	20.0
Hexadecanoic acid...	19.76	2.3	ng/ul	168049	5	21.19	1493680	20.0
(DEL) Alkane: Cyc...	20.89	6.9	ng/ul	513829	5	21.19	1493680	20.0
(DEL) Alkane: Str...	22.19	2.6	ng/ul	195335	5	21.19	1493680	20.0
Squalene	22.31	3.4	ng/ul	249670	6	23.39	1474540	20.0
(DEL) Alkane: Str...	22.67	3.7	ng/ul	275060	6	23.39	1474540	20.0
(DEL) Alkane: Str...	23.84	4.5	ng/ul	328276	6	23.39	1474540	20.0