

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019863.D
 Acq On : 10 Apr 2019 14:45
 Operator : JU/SJ
 Sample : K2303-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF8A1

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	3.116	18	22	32	rVB	30907	55650	2.53%	0.232%
2	3.605	103	105	106	rBV2	3158	2380	0.11%	0.010%
3	3.805	137	139	146	rVB4	4458	5790	0.26%	0.024%
4	4.704	289	292	298	rVB4	4314	6984	0.32%	0.029%
5	6.745	633	639	658	rBV	210732	480903	21.90%	2.007%
6	6.910	661	667	687	rVV	200070	390255	17.77%	1.629%
7	7.087	691	697	711	rVV	299537	517543	23.57%	2.160%
8	7.551	769	776	788	rBV	363252	604812	27.55%	2.524%
9	8.275	893	899	919	rBV	288053	592418	26.98%	2.472%
10	8.728	969	976	990	rBV	240492	464827	21.17%	1.940%
11	9.034	1025	1028	1035	rVB	11401	14147	0.64%	0.059%
12	9.439	1091	1097	1116	rBV	203372	398585	18.15%	1.663%
13	9.975	1181	1188	1209	rBV	217085	558276	25.43%	2.330%
14	10.328	1237	1248	1258	rBV	523572	872012	39.72%	3.639%
15	10.504	1270	1278	1294	rBV	210371	541349	24.66%	2.259%
16	11.957	1521	1525	1527	rBV3	3412	4329	0.20%	0.018%
17	13.639	1805	1811	1816	rBV	579403	894331	40.73%	3.732%
18	13.686	1816	1819	1835	rVB	156913	242486	11.04%	1.012%
19	13.910	1850	1857	1866	rBV	680038	1025533	46.71%	4.280%
20	14.098	1886	1889	1897	rVB2	3204	4282	0.20%	0.018%
21	14.216	1902	1909	1921	rVV2	732469	1121956	51.10%	4.682%
22	14.521	1955	1961	1975	rBV4	55962	212153	9.66%	0.885%
23	14.651	1980	1983	1990	rVB6	6619	16237	0.74%	0.068%
24	14.839	2012	2015	2019	rVB3	1542	2605	0.12%	0.011%
25	14.892	2022	2024	2027	rVB3	2804	2381	0.11%	0.010%
26	14.998	2040	2042	2046	rVB2	3085	3741	0.17%	0.016%
27	15.057	2049	2052	2058	rVB3	4308	6294	0.29%	0.026%
28	15.221	2074	2080	2095	rBV	850312	1315423	59.91%	5.489%
29	15.386	2103	2108	2118	rBV	143780	254615	11.60%	1.063%
30	15.463	2118	2121	2126	rVB4	11606	17526	0.80%	0.073%
31	15.927	2195	2200	2202	rBV4	2685	3983	0.18%	0.017%
32	16.010	2210	2214	2218	rVB3	2712	3975	0.18%	0.017%
33	16.139	2233	2236	2239	rVB2	1989	2279	0.10%	0.010%
34	16.398	2273	2280	2282	rBV4	4260	8311	0.38%	0.035%

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35	16.663	2319	2325	2326	rBV2	2217	3247	0.15%	0.014%
36	16.715	2329	2334	2339	rBV5	3375	7791	0.35%	0.033%
37	16.768	2339	2343	2346	rVV6	4183	5769	0.26%	0.024%
38	16.892	2360	2364	2370	rVB5	3465	6532	0.30%	0.027%
39	16.980	2370	2379	2390	rBV	947883	1351138	61.54%	5.638%
40	17.080	2390	2396	2408	rVV	933253	1396541	63.60%	5.828%
41	17.262	2425	2427	2434	rVB4	2834	2902	0.13%	0.012%
42	17.327	2434	2438	2440	rVB4	2385	2707	0.12%	0.011%
43	17.362	2440	2444	2447	rBV4	5063	6929	0.32%	0.029%
44	17.639	2488	2491	2492	rBV	2748	2547	0.12%	0.011%
45	17.751	2506	2510	2513	rBV5	3938	6028	0.27%	0.025%
46	17.868	2525	2530	2541	rBV	151391	285869	13.02%	1.193%
47	18.139	2574	2576	2581	rBV5	2586	3362	0.15%	0.014%
48	18.233	2589	2592	2594	rBV4	2610	3102	0.14%	0.013%
49	18.280	2598	2600	2605	rVB6	4587	7293	0.33%	0.030%
50	18.321	2605	2607	2608	rBV2	4281	2740	0.12%	0.011%
51	18.380	2613	2617	2618	rBV3	2514	3736	0.17%	0.016%
52	18.504	2636	2638	2640	rBV3	4096	4515	0.21%	0.019%
53	18.657	2662	2664	2665	rBV2	3638	2960	0.13%	0.012%
54	18.798	2684	2688	2691	rBV5	6276	9313	0.42%	0.039%
55	18.856	2696	2698	2699	rBV2	3297	2253	0.10%	0.009%
56	19.021	2722	2726	2728	rBV3	18015	24333	1.11%	0.102%
57	19.162	2746	2750	2756	rBV2	55979	97010	4.42%	0.405%
58	19.386	2783	2788	2797	rBV2	991262	1471659	67.03%	6.141%
59	19.456	2798	2800	2808	rVB4	18480	30943	1.41%	0.129%
60	19.627	2827	2829	2833	rVB	9225	10373	0.47%	0.043%
61	19.756	2849	2851	2855	rBV4	12556	15760	0.72%	0.066%
62	19.856	2865	2868	2870	rBV3	12211	18811	0.86%	0.078%
63	20.415	2961	2963	2969	rVB5	34034	35344	1.61%	0.147%
64	20.886	3039	3043	3052	rBV	363284	508832	23.17%	2.123%
65	21.192	3090	3095	3107	rBV	1155537	1579517	71.94%	6.591%
66	21.321	3114	3117	3124	rBV2	150460	176799	8.05%	0.738%
67	21.745	3185	3189	3192	rBV	270290	297334	13.54%	1.241%
68	22.192	3262	3265	3271	rVB	384349	495143	22.55%	2.066%
69	22.686	3345	3349	3355	rVB	456327	631956	28.78%	2.637%
70	23.250	3437	3445	3455	rVB3	856998	2195648	100.00%	9.162%
71	23.391	3464	3469	3478	rVB2	796747	1460834	66.53%	6.096%

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72	23.850	3542	3547	3554	rVB	381934	692922	31.56%	2.892%
73	24.568	3666	3669	3677	rVB3	228196	454716	20.71%	1.898%

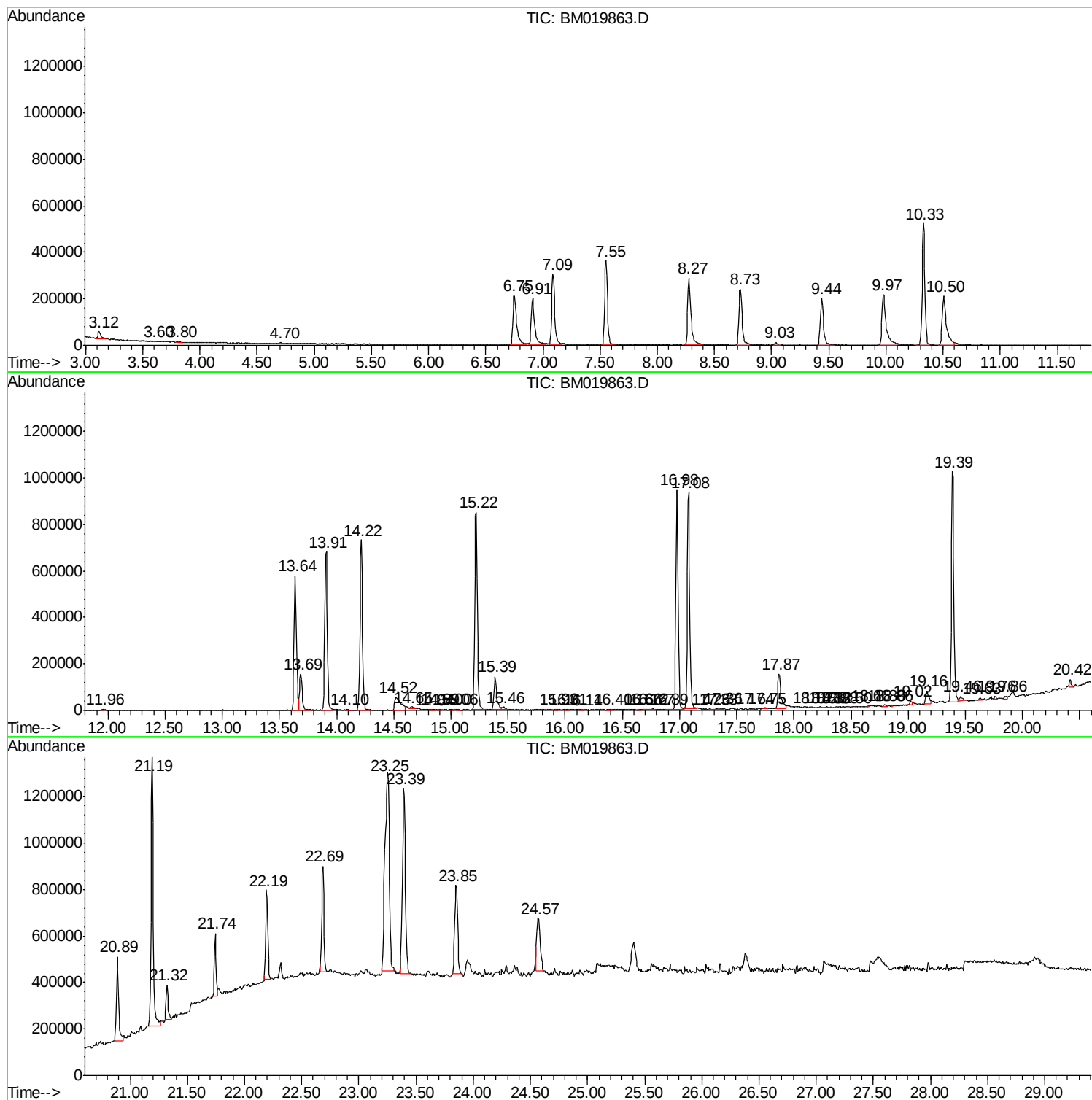
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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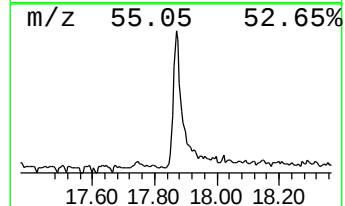
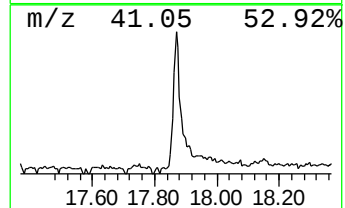
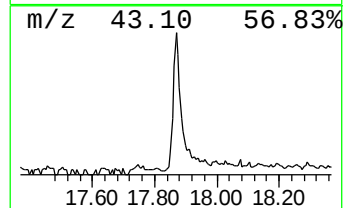
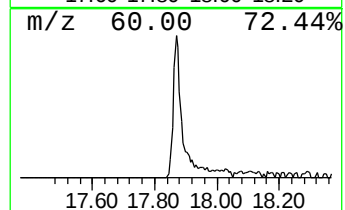
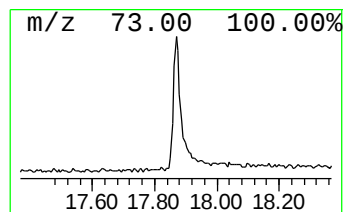
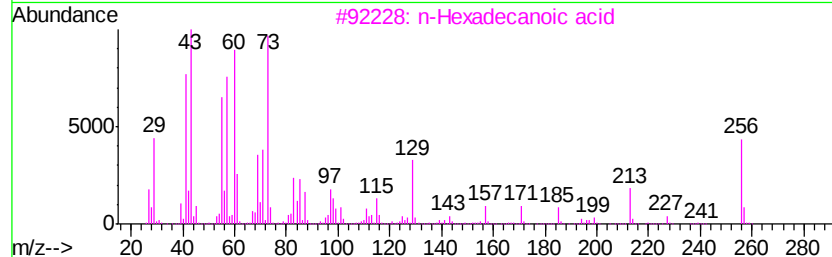
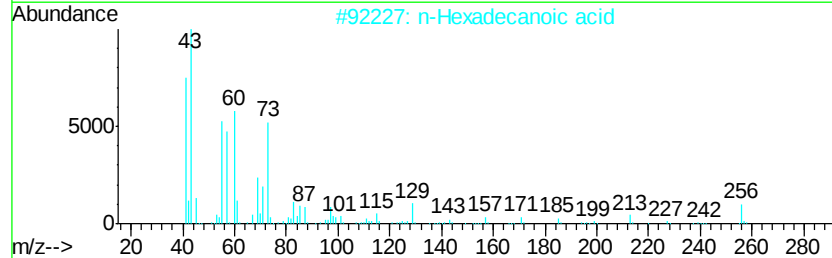
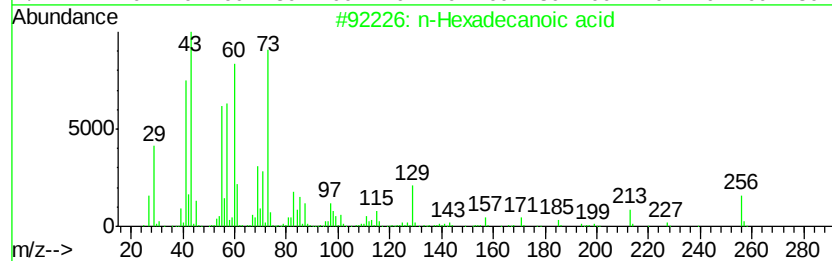
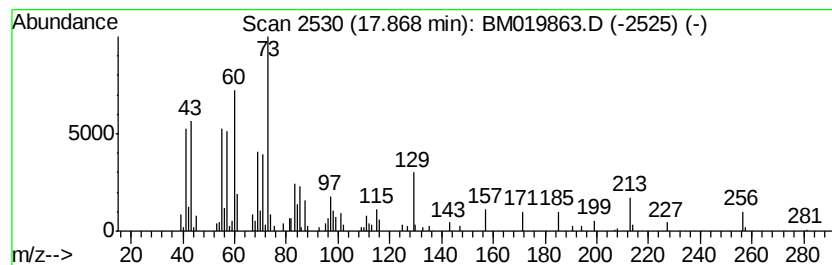
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.23 ng/ul	285869	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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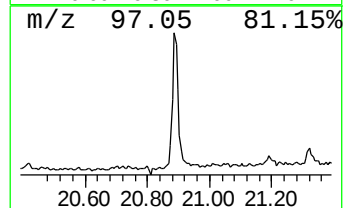
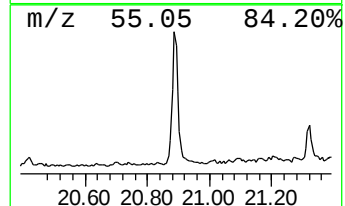
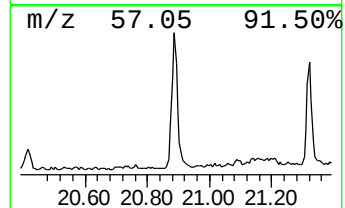
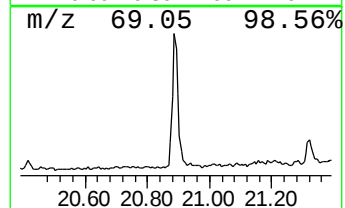
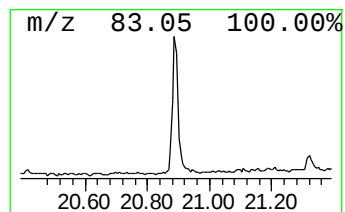
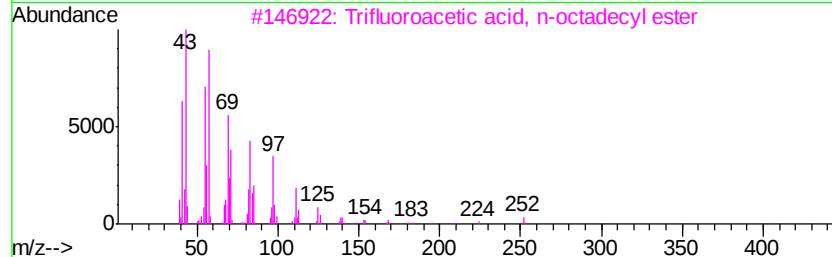
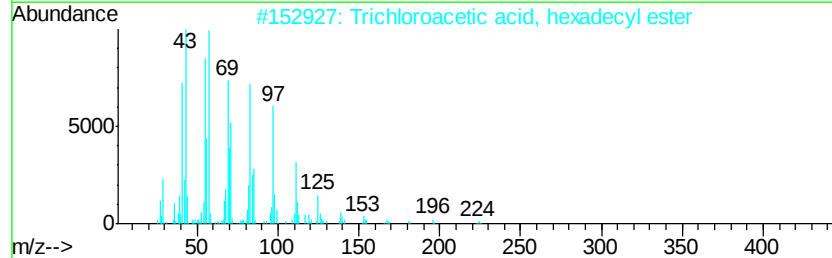
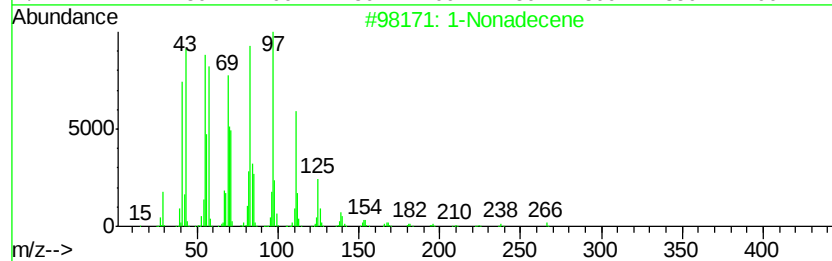
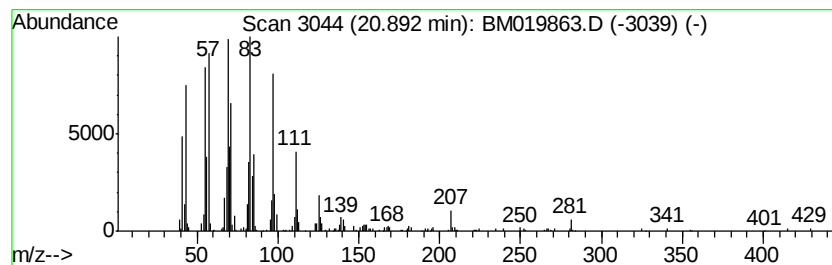
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.44 ng/ul	508832	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3			Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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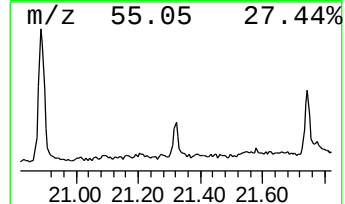
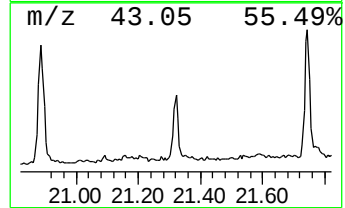
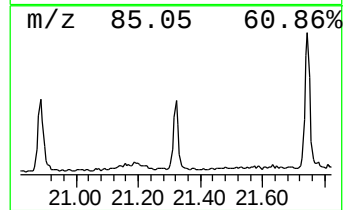
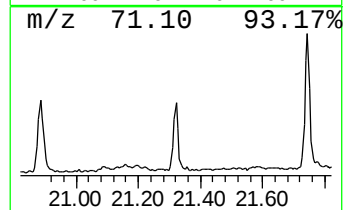
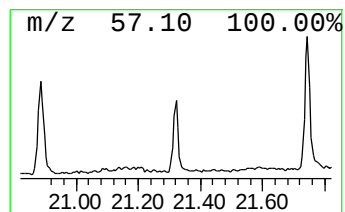
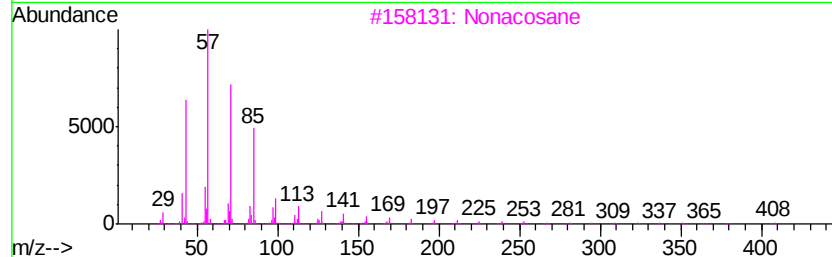
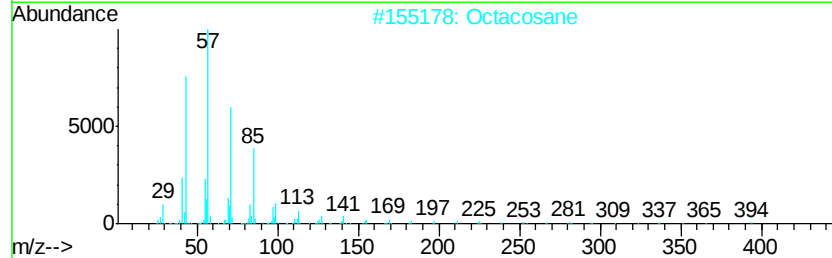
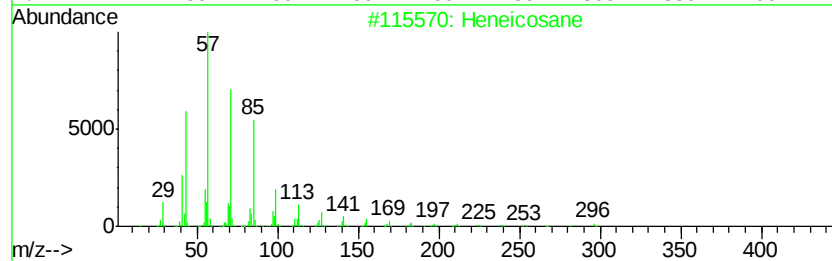
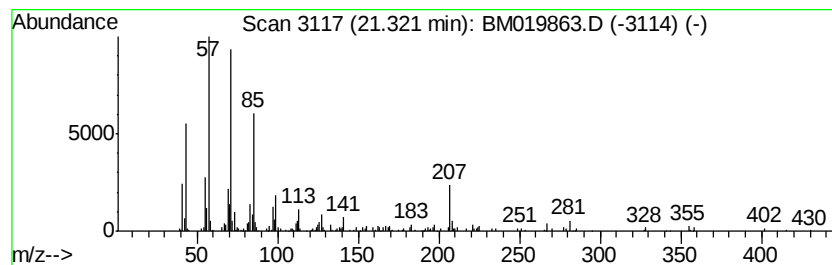
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.24 ng/ul	176799	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	76
2		Octacosane	394	C28H58	000630-02-4	76
3		Nonacosane	408	C29H60	000630-03-5	68
4		Octadecane	254	C18H38	000593-45-3	68
5		Tetracosane	338	C24H50	000646-31-1	68



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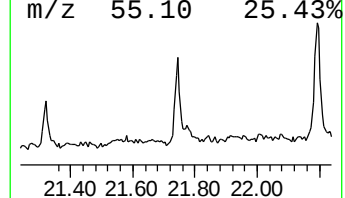
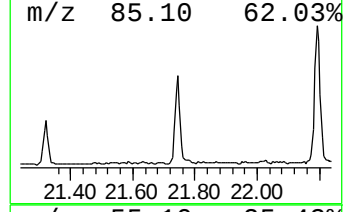
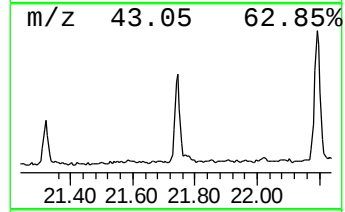
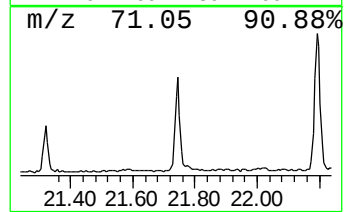
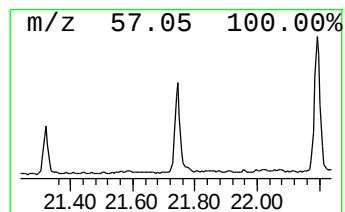
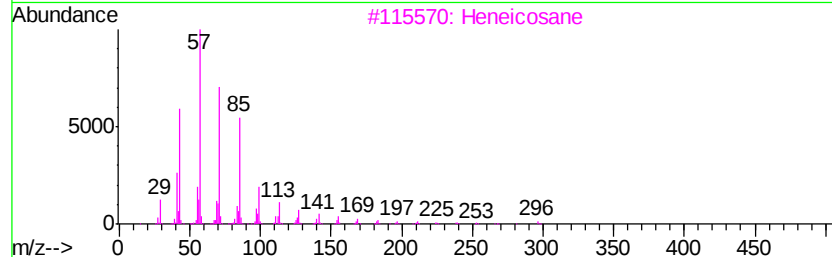
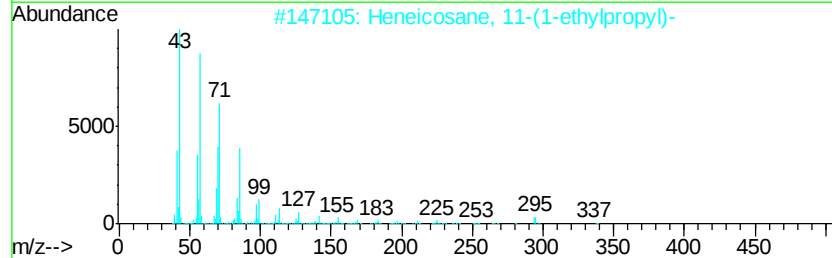
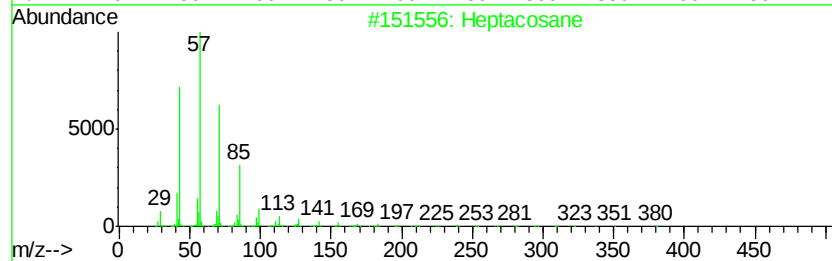
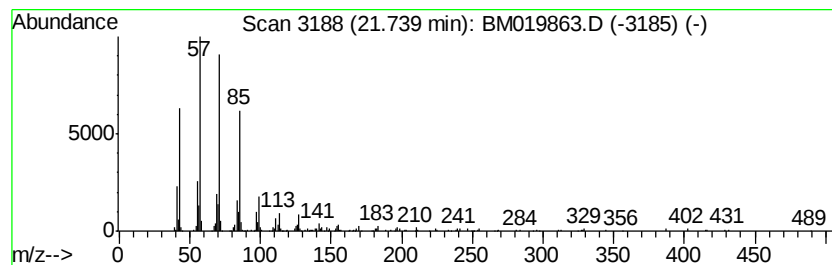
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	3.76 ng/ul	297334	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	76
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019863.D
Acq On : 10 Apr 2019 14:45
Operator : JU/SJ
Sample : K2303-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF8A1

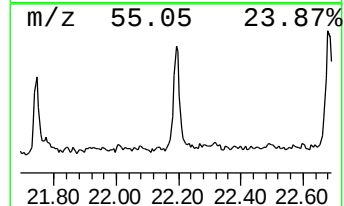
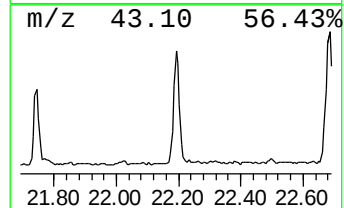
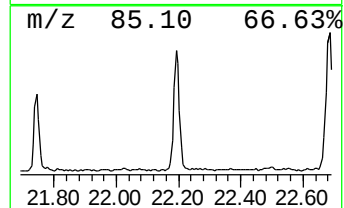
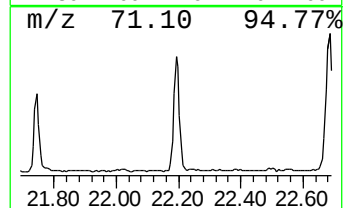
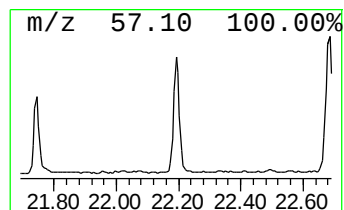
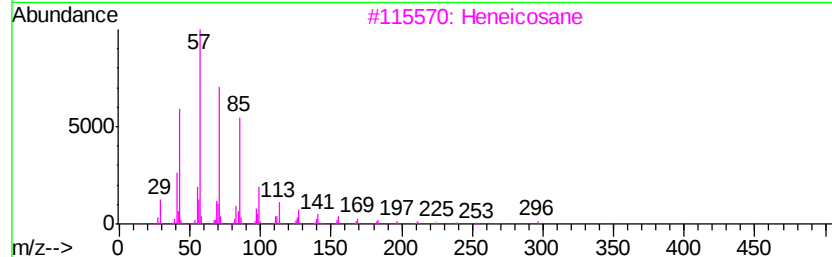
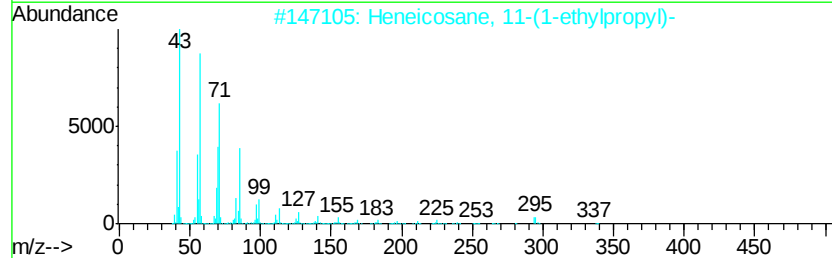
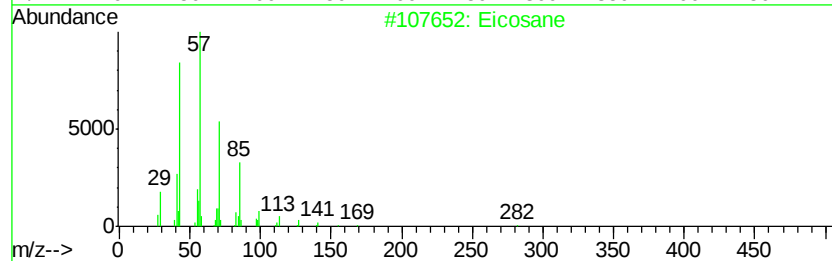
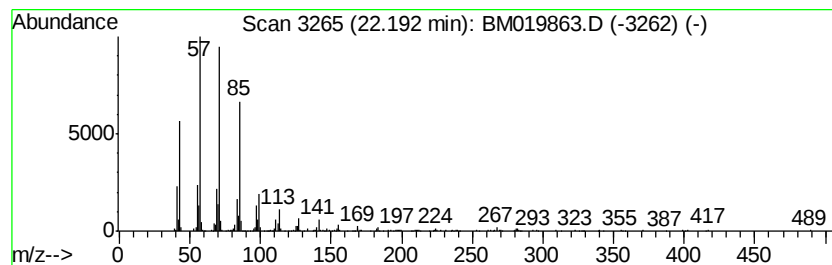
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	6.27 ng/ul	495143	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019863.D
 Acq On : 10 Apr 2019 14:45
 Operator : JU/SJ
 Sample : K2303-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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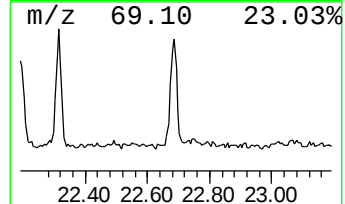
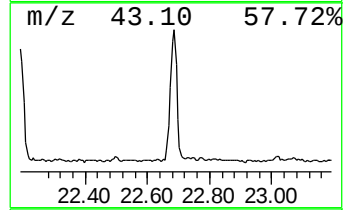
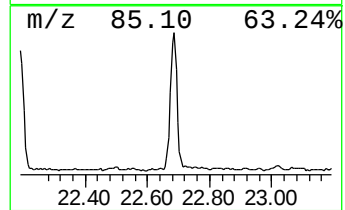
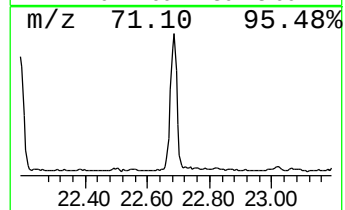
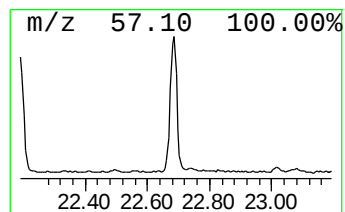
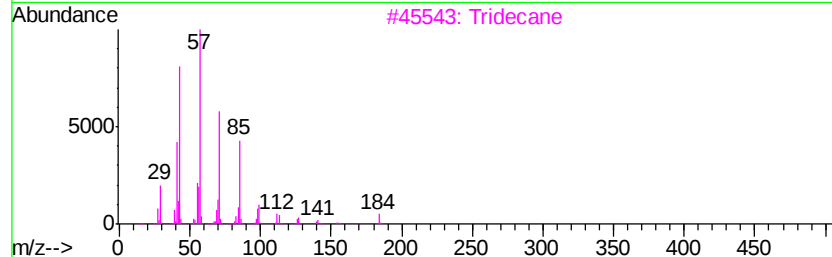
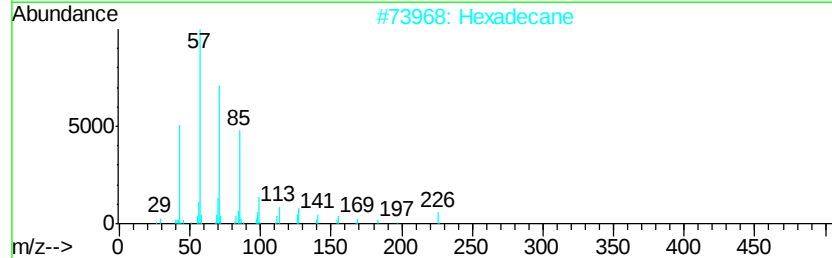
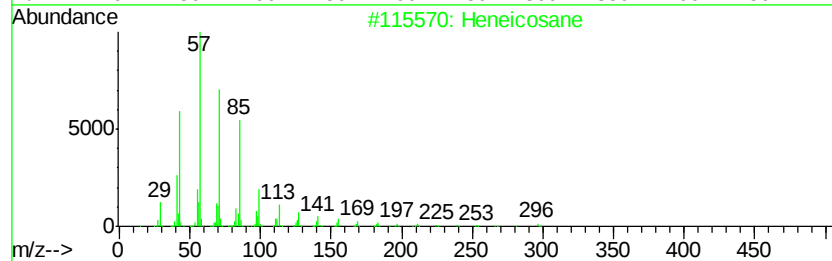
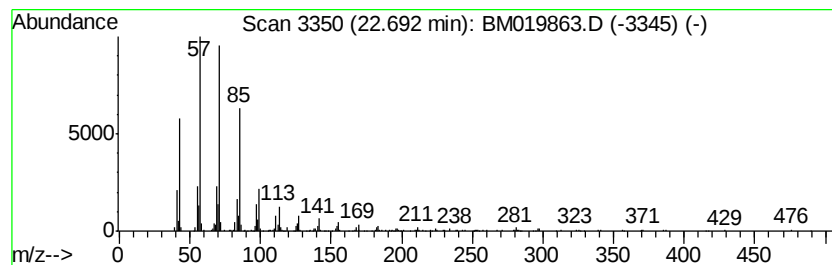
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	8.65 ng/ul	631956	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	87
4		Octadecane	254	C18H38	000593-45-3	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019863.D
Acq On : 10 Apr 2019 14:45
Operator : JU/SJ
Sample : K2303-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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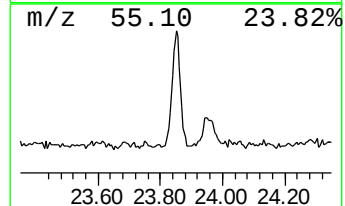
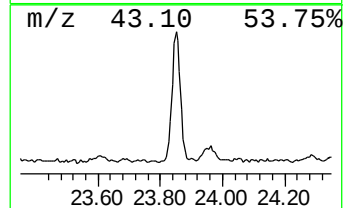
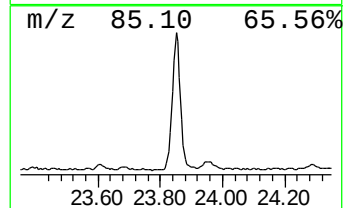
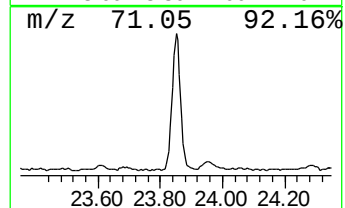
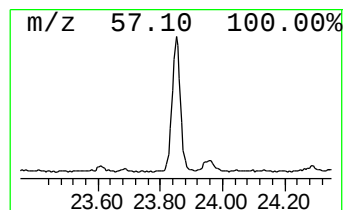
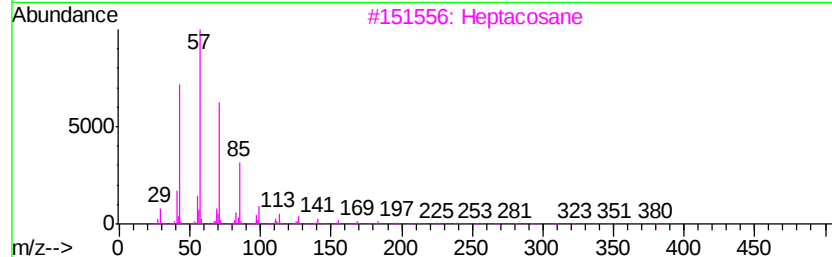
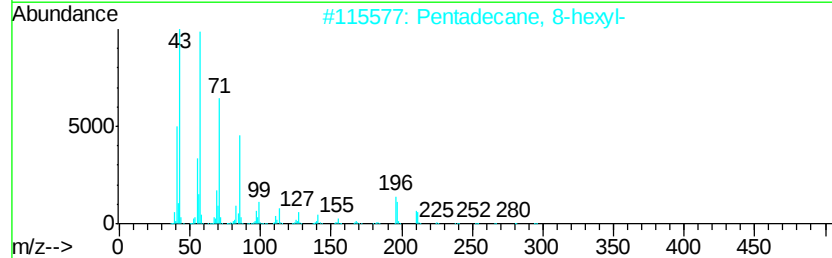
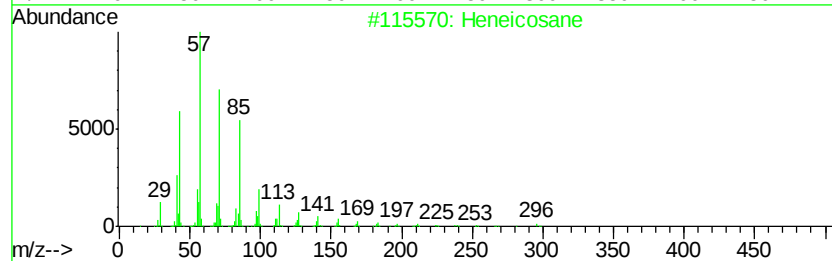
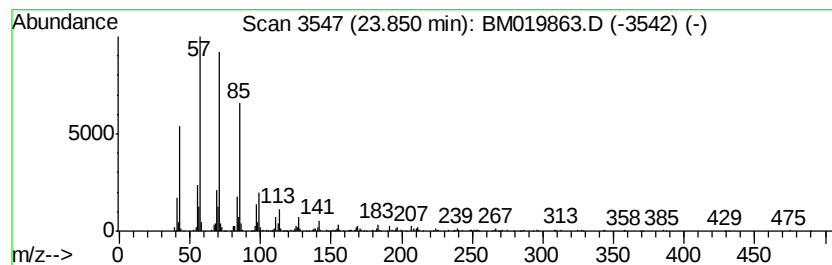
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	9.49 ng/ul	692922	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019863.D
Acq On : 10 Apr 2019 14:45
Operator : JU/SJ
Sample : K2303-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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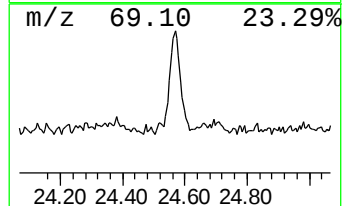
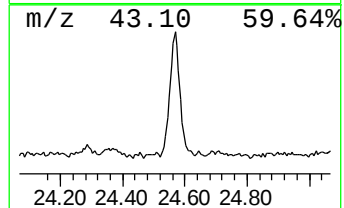
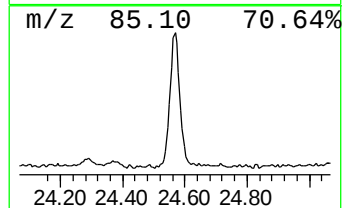
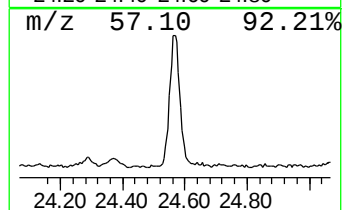
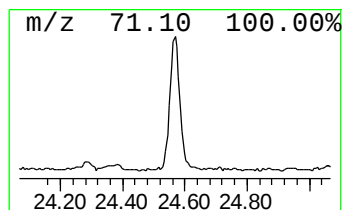
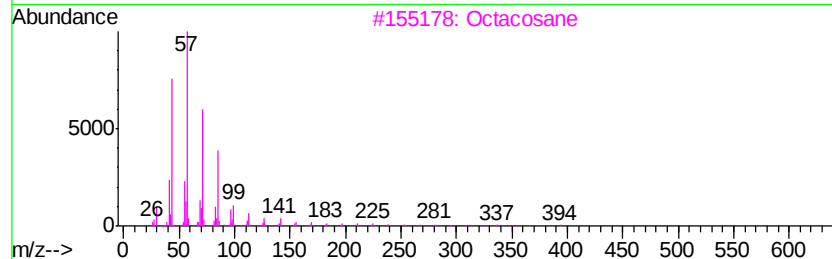
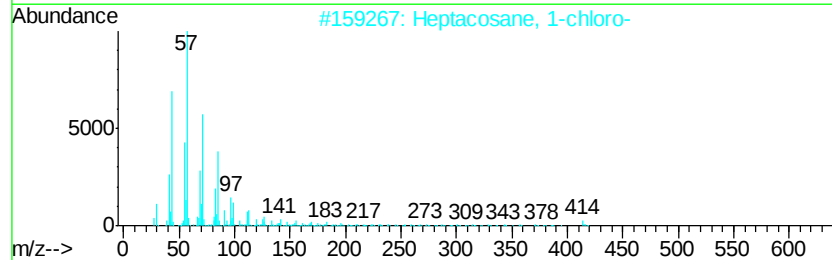
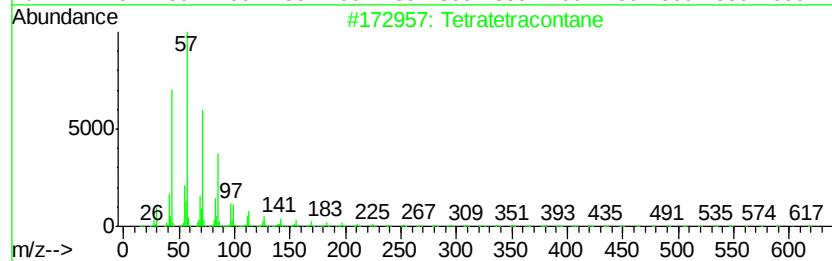
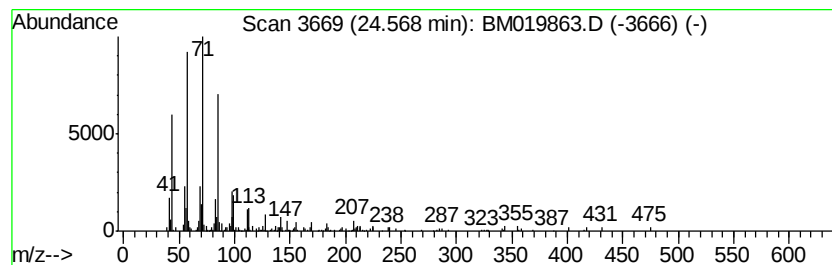
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	6.23 ng/ul	454716	Perylene-d12	23.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3		Octacosane	394	C28H58	000630-02-4	83
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019863.D
Acq On : 10 Apr 2019 14:45
Operator : JU/SJ
Sample : K2303-06
Misc :
ALS Vial : 4 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
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(DEL) Alkane: Cyc...	20.89	6.4	ng/ul	508832	5	21.19	1579520	20.0
(DEL) Alkane: Str...	21.32	2.2	ng/ul	176799	5	21.19	1579520	20.0
(DEL) Alkane: Str...	21.74	3.8	ng/ul	297334	5	21.19	1579520	20.0
(DEL) Alkane: Str...	22.19	6.3	ng/ul	495143	5	21.19	1579520	20.0
(DEL) Alkane: Str...	22.69	8.7	ng/ul	631956	6	23.39	1460830	20.0
(DEL) Alkane: Str...	23.85	9.5	ng/ul	692922	6	23.39	1460830	20.0
(DEL) Alkane: Str...	24.57	6.2	ng/ul	454716	6	23.39	1460830	20.0