

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019750.D
 Acq On : 05 Apr 2019 15:06
 Operator : JU/SJ
 Sample : K2218-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5Z8

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	19	22	34	rVB	42505	71978	1.99%	0.176%
2	3.810	138	140	144	rVB3	5123	5261	0.15%	0.013%
3	4.716	290	294	299	rVB2	4775	8168	0.23%	0.020%
4	6.751	634	640	656	rBV	399131	766660	21.21%	1.872%
5	6.916	663	668	689	rBV	337727	608625	16.84%	1.486%
6	7.098	693	699	714	rVV	480373	810573	22.43%	1.979%
7	7.563	770	778	787	rBV	568217	933001	25.81%	2.278%
8	7.622	787	788	796	rVB4	6204	10790	0.30%	0.026%
9	8.281	894	900	916	rBV	525109	958453	26.52%	2.340%
10	8.734	970	977	994	rBV	439215	794467	21.98%	1.939%
11	9.057	1027	1032	1036	rVB	10342	15072	0.42%	0.037%
12	9.445	1091	1098	1114	rBV	435581	765231	21.17%	1.868%
13	9.975	1181	1188	1211	rBV	539359	1110604	30.73%	2.711%
14	10.339	1242	1250	1268	rBV	936702	1530931	42.36%	3.737%
15	10.510	1272	1279	1302	rBV	477620	1097311	30.36%	2.679%
16	11.904	1511	1516	1524	rBV2	25616	57272	1.58%	0.140%
17	13.645	1806	1812	1817	rBV	1538243	2151407	59.53%	5.252%
18	13.692	1817	1820	1835	rVB	262379	388502	10.75%	0.948%
19	13.916	1851	1858	1872	rBV	1237037	1771422	49.01%	4.324%
20	14.221	1904	1910	1925	rVB2	1389166	2140038	59.21%	5.224%
21	14.480	1949	1954	1979	rBV	216998	672798	18.62%	1.642%
22	14.651	1979	1983	1993	rVB2	49777	82953	2.30%	0.203%
23	15.015	2040	2045	2050	rVV	7599	11548	0.32%	0.028%
24	15.063	2050	2053	2056	rVB4	6057	6479	0.18%	0.016%
25	15.227	2074	2081	2096	rBV	1849987	2765890	76.53%	6.752%
26	15.380	2101	2107	2118	rVV	453545	705308	19.51%	1.722%
27	15.468	2118	2122	2126	rVB2	23697	30415	0.84%	0.074%
28	15.939	2197	2202	2207	rBV4	5198	11724	0.32%	0.029%
29	16.010	2211	2214	2219	rVB2	6890	8527	0.24%	0.021%
30	16.186	2240	2244	2247	rBV4	3340	4207	0.12%	0.010%
31	16.392	2274	2279	2284	rBV3	14093	25228	0.70%	0.062%
32	16.533	2300	2303	2308	rBV3	7716	9666	0.27%	0.024%
33	16.610	2314	2316	2321	rBV4	3085	3811	0.11%	0.009%
34	16.727	2332	2336	2339	rBV2	4761	6669	0.18%	0.016%

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35	16.774	2341	2344	2348	rVB3	7871	8650	0.24%	0.021%
36	16.898	2361	2365	2367	rVB3	4275	5680	0.16%	0.014%
37	16.986	2373	2380	2390	rBV	1819356	2484271	68.74%	6.065%
38	17.086	2390	2397	2413	rVB	2047907	3030151	83.84%	7.397%
39	17.374	2442	2446	2452	rBV7	5814	13235	0.37%	0.032%
40	17.462	2458	2461	2465	rBV3	6510	7633	0.21%	0.019%
41	17.739	2502	2508	2509	rBV4	3222	4808	0.13%	0.012%
42	17.821	2519	2522	2526	rBV4	5771	7241	0.20%	0.018%
43	17.874	2526	2531	2542	rBV	237265	400783	11.09%	0.978%
44	18.156	2575	2579	2587	rBV8	11771	25164	0.70%	0.061%
45	18.745	2676	2679	2683	rVB5	7409	10287	0.28%	0.025%
46	18.798	2685	2688	2696	rVB5	13956	21208	0.59%	0.052%
47	18.951	2712	2714	2720	rVB7	6539	8331	0.23%	0.020%
48	19.027	2722	2727	2729	rBV2	40698	58945	1.63%	0.144%
49	19.168	2747	2751	2759	rBV	143608	226590	6.27%	0.553%
50	19.280	2767	2770	2774	rBV	18702	21624	0.60%	0.053%
51	19.392	2783	2789	2800	rBV	2635072	3614240	100.00%	8.823%
52	19.580	2819	2821	2824	rBV5	7486	9126	0.25%	0.022%
53	19.768	2850	2853	2857	rBV5	10377	12582	0.35%	0.031%
54	19.921	2874	2879	2884	rVB4	28242	49119	1.36%	0.120%
55	20.427	2961	2965	2970	rBV2	41924	56522	1.56%	0.138%
56	20.897	3040	3045	3052	rBV	568570	781974	21.64%	1.909%
57	21.097	3075	3079	3084	rBV	207886	216921	6.00%	0.530%
58	21.192	3090	3095	3108	rBV2	1751563	2397531	66.34%	5.853%
59	21.327	3115	3118	3126	rVB	114506	132436	3.66%	0.323%
60	21.750	3187	3190	3193	rBV	208714	230612	6.38%	0.563%
61	22.203	3263	3267	3272	rVB	292619	383077	10.60%	0.935%
62	22.691	3346	3350	3355	rVB	393622	534960	14.80%	1.306%
63	23.256	3439	3446	3457	rVB	1585369	3175441	87.86%	7.752%
64	23.397	3464	3470	3478	rVB	1066959	2049998	56.72%	5.005%
65	23.862	3544	3549	3558	rVB	346796	642537	17.78%	1.569%

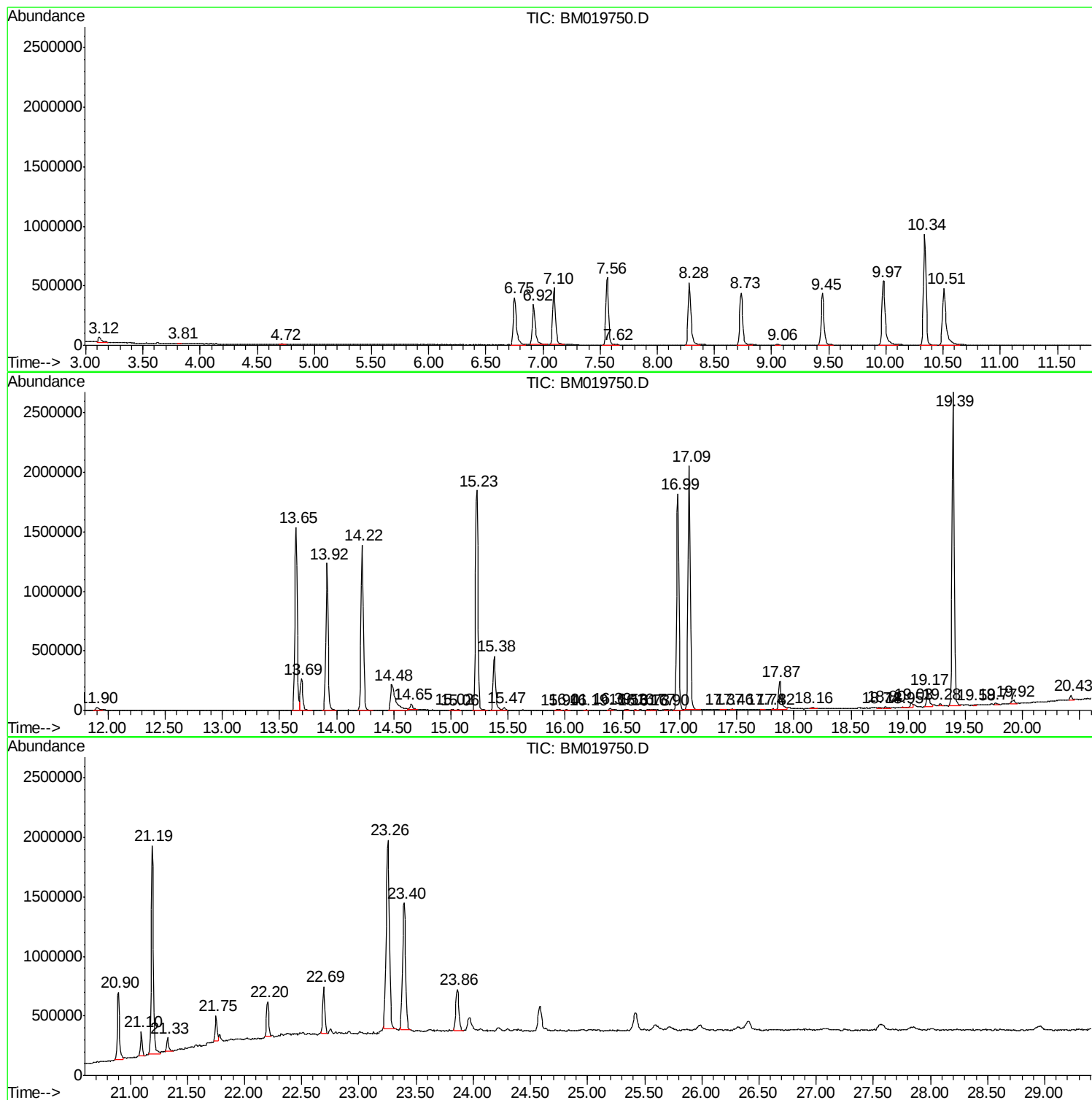
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Quant Title : SVOA CALIBRATION

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



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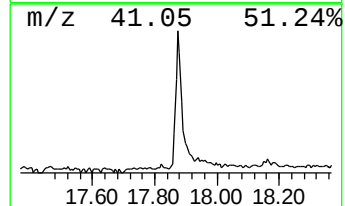
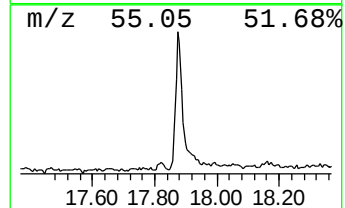
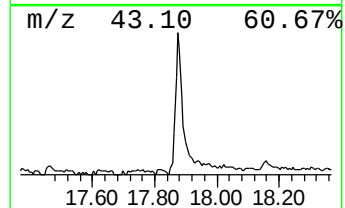
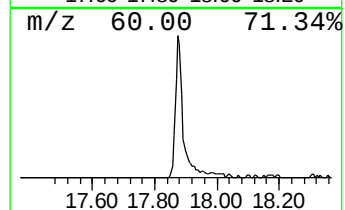
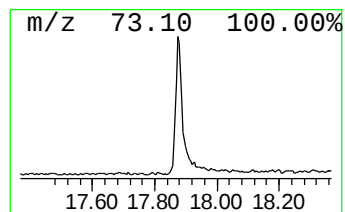
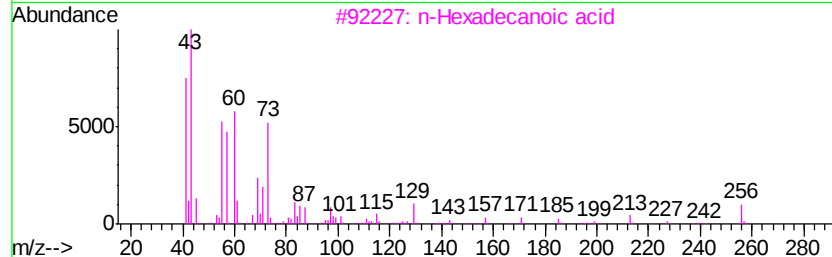
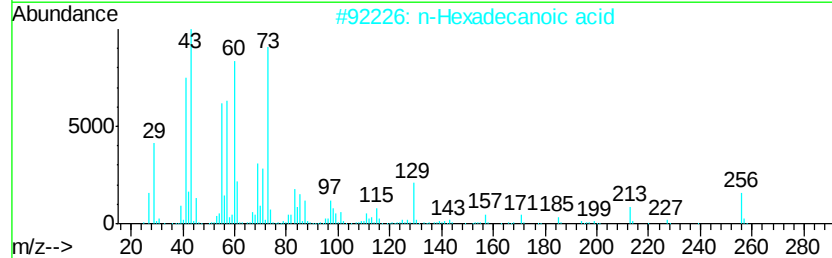
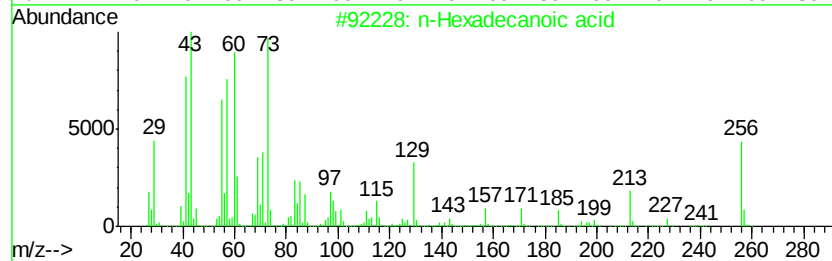
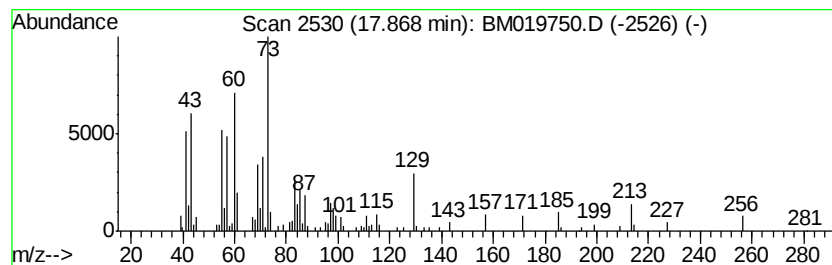
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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	3.23 ng/ul	400783	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
4	Tridecanoic acid	214 C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	64



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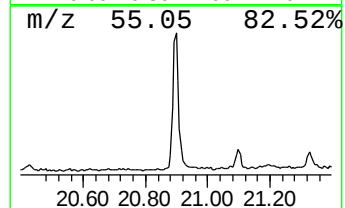
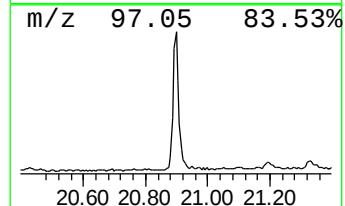
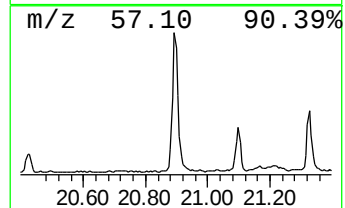
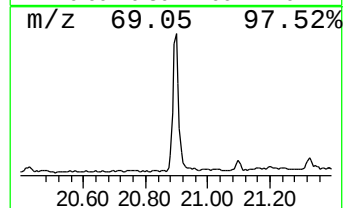
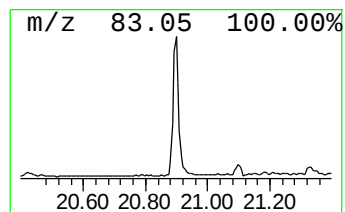
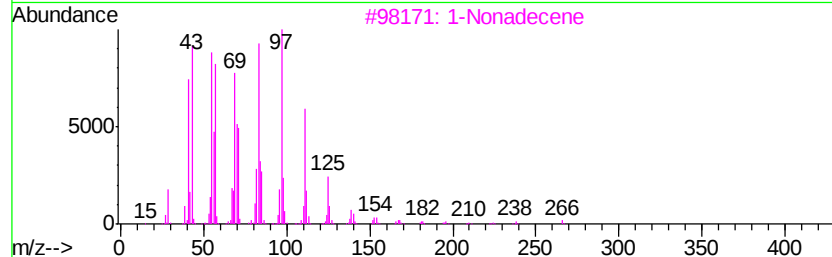
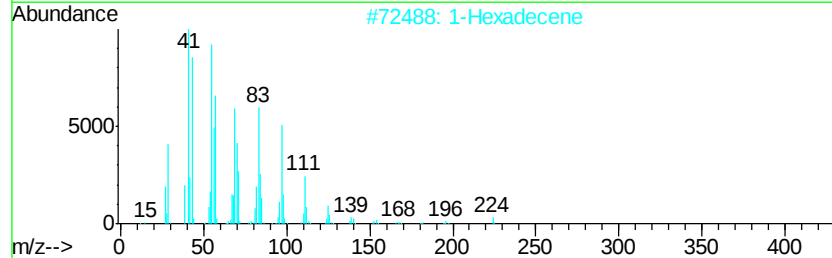
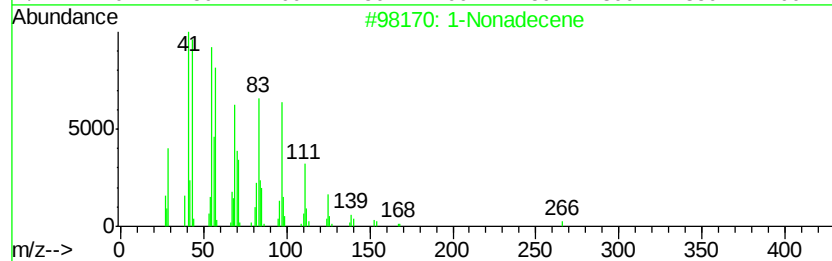
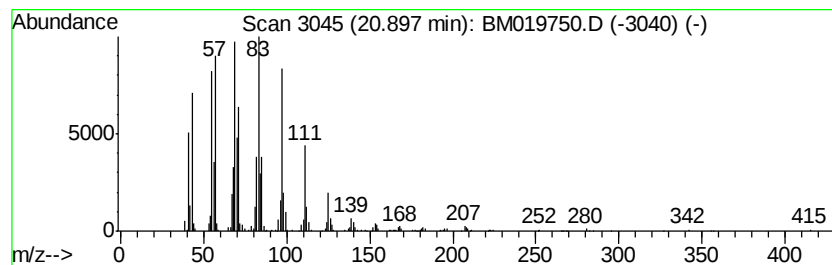
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.52 ng/ul	781974	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			1-Hexadecene	224	C16H32	000629-73-2	96
3			1-Nonadecene	266	C19H38	018435-45-5	95
4			Cyclotetradecane	196	C14H28	000295-17-0	94
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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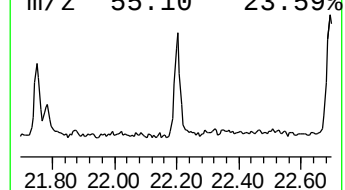
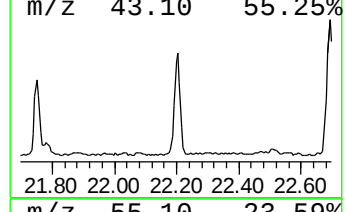
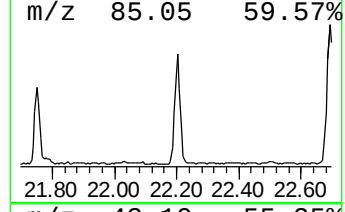
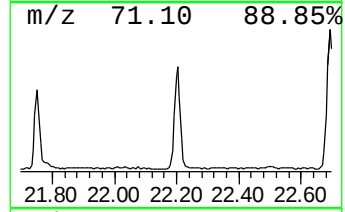
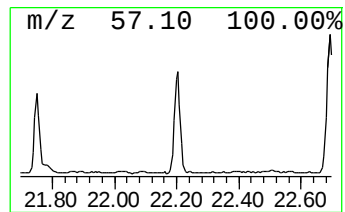
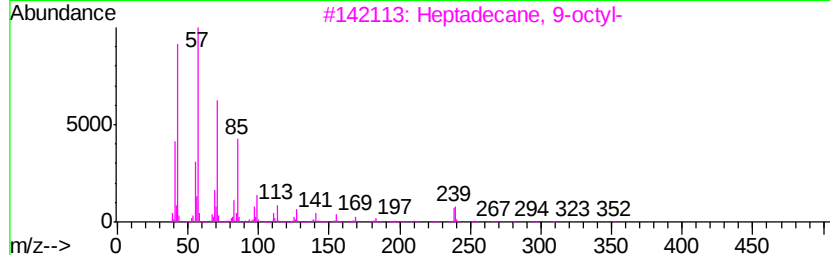
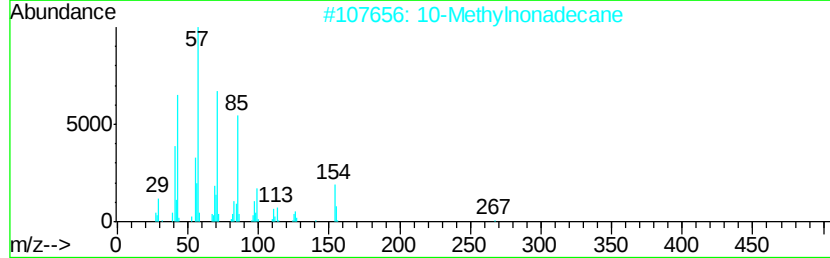
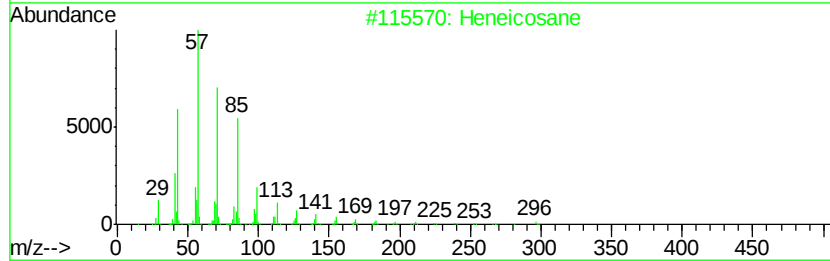
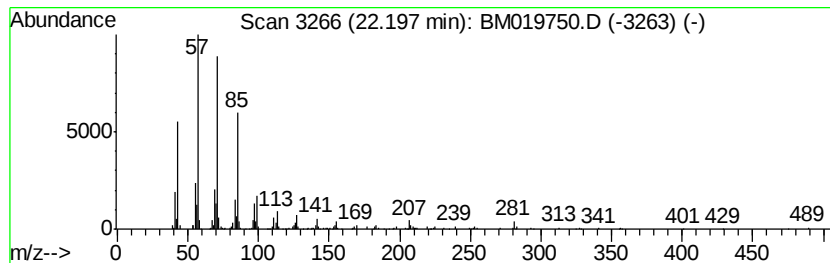
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.20 ng/ul	383077	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	86
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4		Nonacosane	408	C29H60	000630-03-5	80
5		Octadecane	254	C18H38	000593-45-3	80



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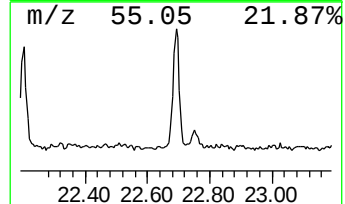
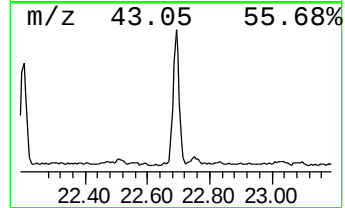
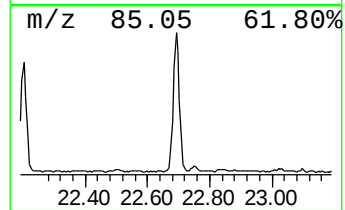
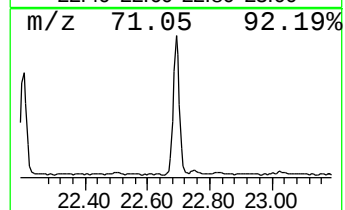
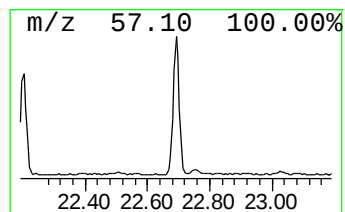
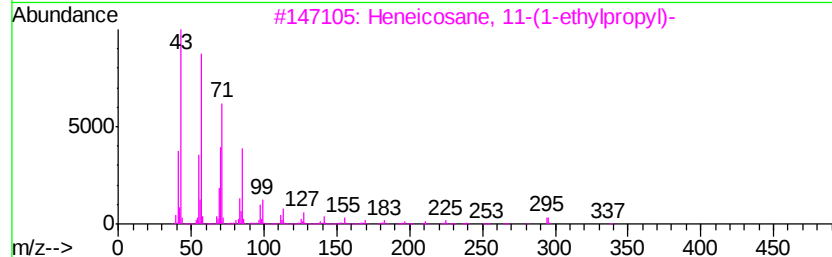
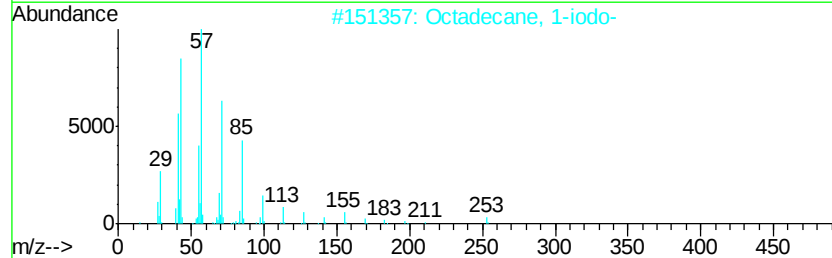
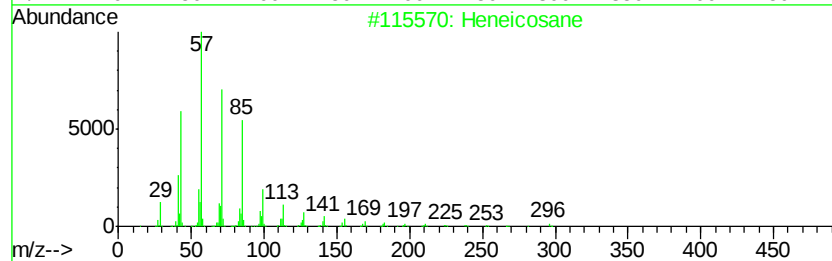
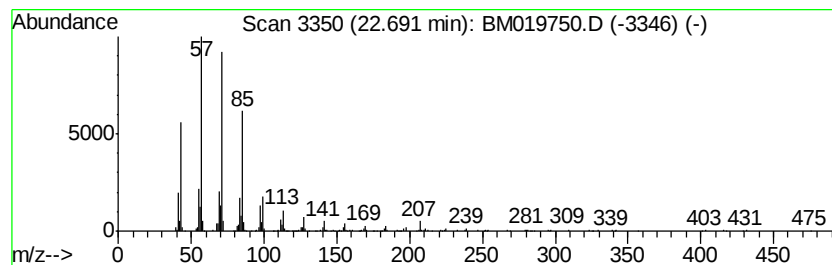
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	5.22 ng/ul	534960	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Heptacosane	380	C27H56	000593-49-7	81



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BF5Z8

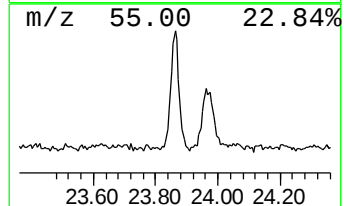
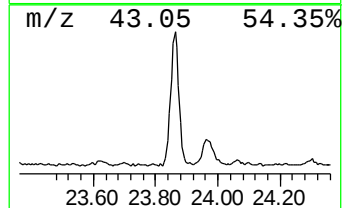
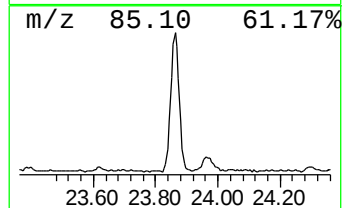
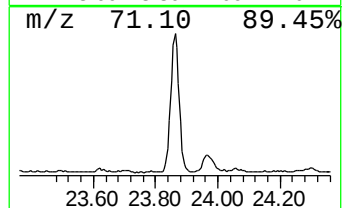
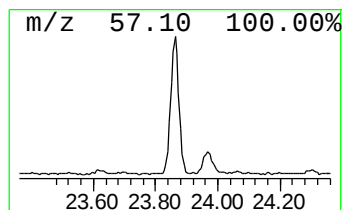
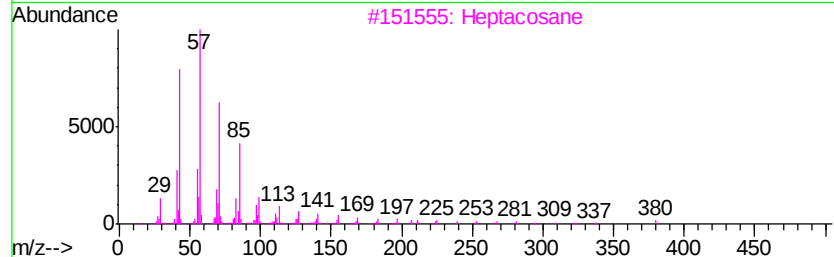
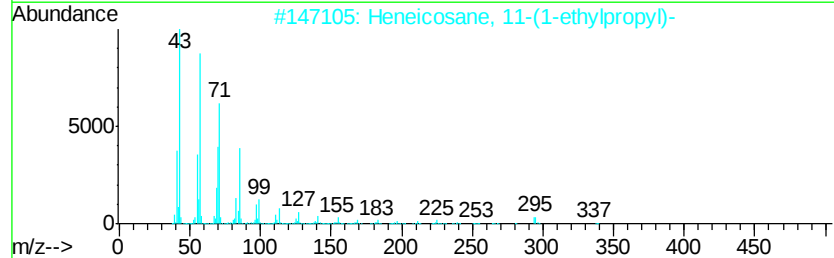
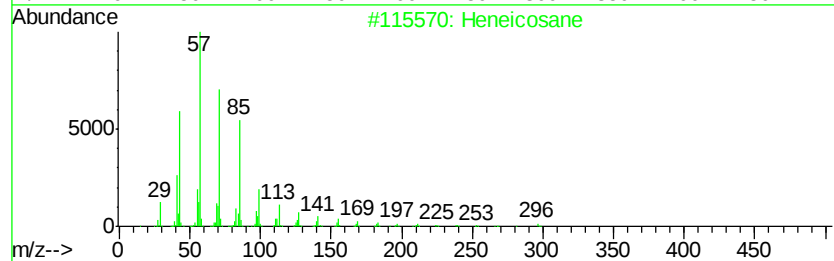
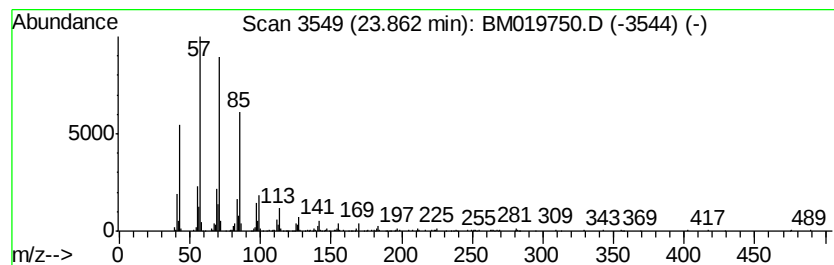
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.27 ng/ul	642537	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019750.D
Acq On : 05 Apr 2019 15:06
Operator : JU/SJ
Sample : K2218-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5Z8

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	3.2	ng/ul	400783	4	16.99	2484270	20.0
(DEL) Alkane: Cyc...	20.90	6.5	ng/ul	781974	5	21.19	2397530	20.0
(DEL) Alkane: Str...	22.20	3.2	ng/ul	383077	5	21.19	2397530	20.0
(DEL) Alkane: Str...	22.69	5.2	ng/ul	534960	6	23.40	2050000	20.0
(DEL) Alkane: Str...	23.86	6.3	ng/ul	642537	6	23.40	2050000	20.0