

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
 Data File : BM019902.D
 Acq On : 11 Apr 2019 20:05
 Operator : JU/SJ
 Sample : K2304-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF894

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	3.099	16	19	27	rVB	32701	49645	1.66%	0.176%
2	3.657	111	114	115	rBV2	3119	3547	0.12%	0.013%
3	6.740	632	638	656	rBV	258436	574506	19.18%	2.036%
4	6.898	660	665	684	rVB	233257	420727	14.05%	1.491%
5	7.081	689	696	707	rBV	337590	585597	19.55%	2.075%
6	7.540	766	774	783	rBV	438898	703638	23.50%	2.494%
7	7.598	783	784	790	rVB4	5857	8769	0.29%	0.031%
8	8.269	891	898	919	rBV	324572	687888	22.97%	2.438%
9	8.587	948	952	955	rVB3	2807	4212	0.14%	0.015%
10	8.716	967	974	986	rBV	277528	516615	17.25%	1.831%
11	9.022	1021	1026	1032	rVB2	16698	24957	0.83%	0.088%
12	9.428	1089	1095	1110	rBV	247384	470717	15.72%	1.668%
13	9.969	1180	1187	1202	rBV	295979	671638	22.43%	2.380%
14	10.098	1208	1209	1214	rVB3	3405	3446	0.12%	0.012%
15	10.316	1239	1246	1258	rBV	569582	969154	32.36%	3.435%
16	10.492	1268	1276	1298	rBV	263187	692233	23.11%	2.453%
17	11.498	1445	1447	1452	rVV2	2266	3755	0.13%	0.013%
18	11.869	1507	1510	1513	rBV3	2862	4300	0.14%	0.015%
19	11.939	1515	1522	1526	rVV3	4125	9312	0.31%	0.033%
20	12.557	1624	1627	1630	rVB3	2501	3296	0.11%	0.012%
21	12.986	1696	1700	1704	rBV3	2800	5339	0.18%	0.019%
22	13.074	1712	1715	1718	rBV2	2920	4269	0.14%	0.015%
23	13.627	1801	1809	1814	rBV	778511	1093474	36.51%	3.875%
24	13.674	1814	1817	1828	rVB	187646	276664	9.24%	0.981%
25	13.898	1848	1855	1864	rBV	895717	1301138	43.45%	4.611%
26	14.121	1883	1893	1901	rBV	25940	76900	2.57%	0.273%
27	14.204	1901	1907	1916	rVB2	804092	1228016	41.00%	4.352%
28	14.504	1953	1958	1978	rBV2	113642	423191	14.13%	1.500%
29	14.633	1978	1980	1989	rVB5	10109	23394	0.78%	0.083%
30	14.980	2035	2039	2041	rBV4	2322	3526	0.12%	0.012%
31	15.051	2045	2051	2057	rVV7	5310	8846	0.30%	0.031%
32	15.210	2071	2078	2091	rBV	1078490	1615871	53.96%	5.727%
33	15.374	2101	2106	2116	rBV	227132	386064	12.89%	1.368%
34	15.445	2116	2118	2123	rVV3	15316	22306	0.74%	0.079%

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35	15.504	2126	2128	2130	rVB2	3467	3114	0.10%	0.011%
36	15.527	2130	2132	2136	rBV3	2041	3401	0.11%	0.012%
37	15.910	2192	2197	2199	rBV3	4367	6336	0.21%	0.022%
38	15.992	2205	2211	2215	rBV6	4254	8163	0.27%	0.029%
39	16.551	2302	2306	2308	rBV4	2538	3075	0.10%	0.011%
40	16.704	2328	2332	2336	rVV5	3484	5785	0.19%	0.021%
41	16.751	2336	2340	2348	rVB4	4440	8593	0.29%	0.030%
42	16.968	2371	2377	2388	rBV	1031500	1434499	47.90%	5.084%
43	17.068	2388	2394	2406	rVV2	1250869	1824365	60.92%	6.466%
44	17.251	2423	2425	2430	rBV3	2741	5014	0.17%	0.018%
45	17.351	2439	2442	2444	rBV3	4856	4788	0.16%	0.017%
46	17.633	2486	2490	2493	rVB6	4803	3782	0.13%	0.013%
47	17.739	2499	2508	2509	rBV7	3755	6238	0.21%	0.022%
48	17.862	2523	2529	2546	rBV	245937	469127	15.66%	1.663%
49	18.145	2573	2577	2580	rBV6	5971	7324	0.24%	0.026%
50	18.374	2615	2616	2619	rBV3	5327	4532	0.15%	0.016%
51	18.668	2662	2666	2667	rBV4	5914	5677	0.19%	0.020%
52	19.009	2721	2724	2730	rBV2	21729	41250	1.38%	0.146%
53	19.151	2744	2748	2755	rBV	75888	138394	4.62%	0.490%
54	19.380	2781	2787	2796	rBV2	1555854	2175378	72.64%	7.710%
55	19.892	2871	2874	2879	rBV6	20270	36051	1.20%	0.128%
56	20.880	3038	3042	3050	rBV	623669	834946	27.88%	2.959%
57	21.186	3089	3094	3101	rBV	1441396	1826276	60.98%	6.472%
58	21.315	3113	3116	3121	rBV2	66880	97010	3.24%	0.344%
59	21.739	3185	3188	3191	rBV	133175	148417	4.96%	0.526%
60	22.186	3260	3264	3273	rVB	252204	348727	11.64%	1.236%
61	22.674	3343	3347	3352	rVB	340660	435469	14.54%	1.543%
62	23.244	3435	3444	3456	rVB2	1371654	2994822	100.00%	10.614%
63	23.386	3462	3468	3480	rVB2	1002789	1929773	64.44%	6.839%
64	23.838	3540	3545	3554	rVB	281811	529264	17.67%	1.876%

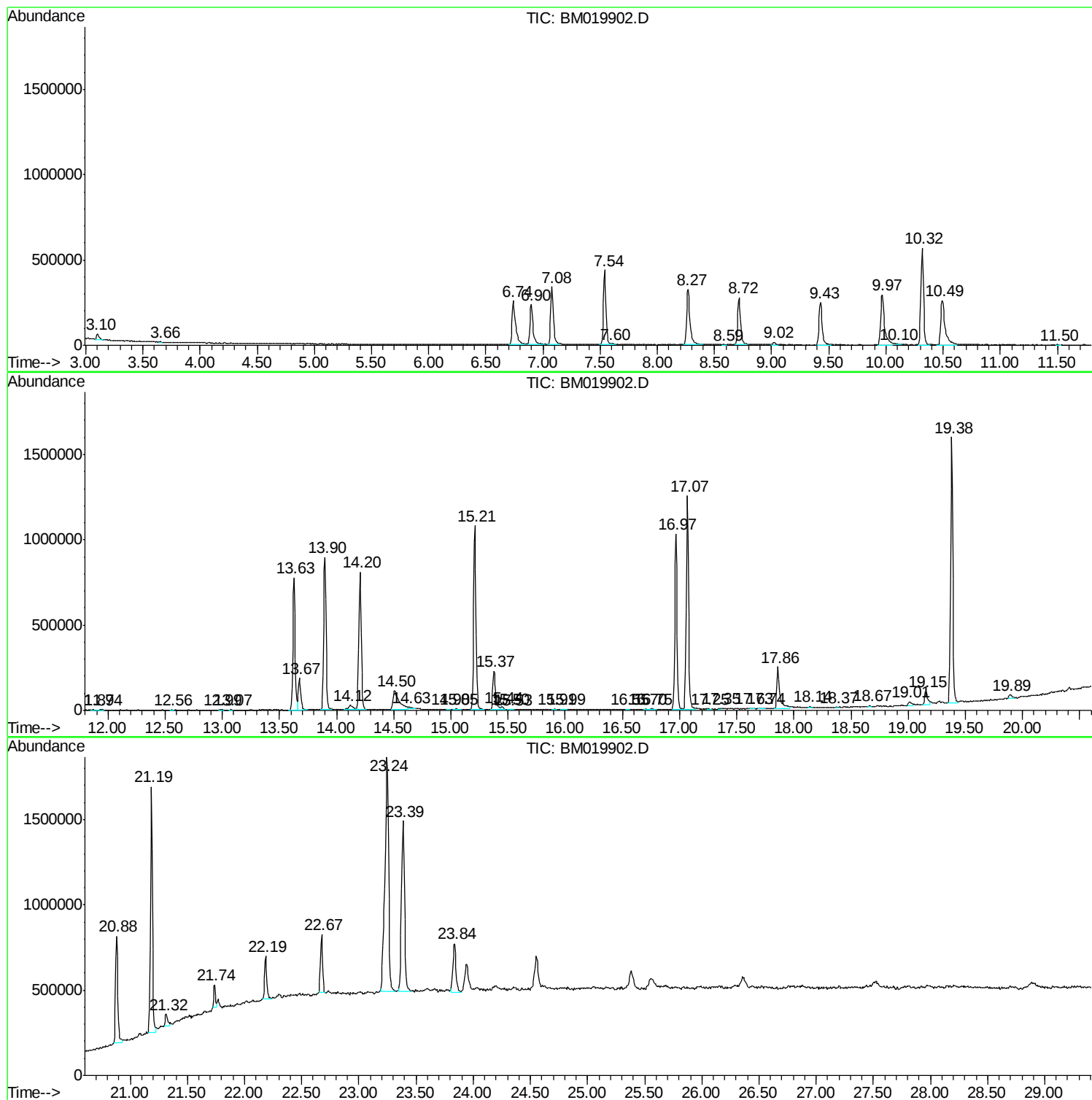
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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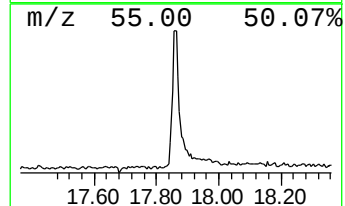
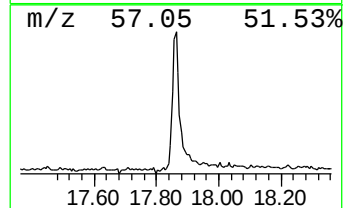
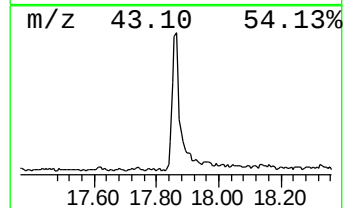
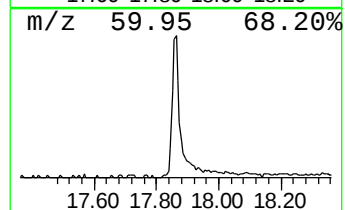
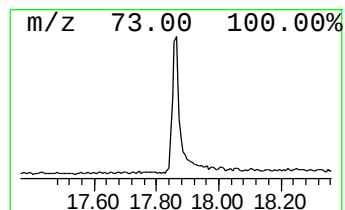
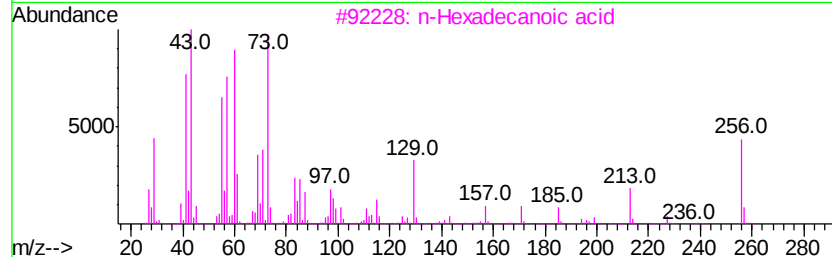
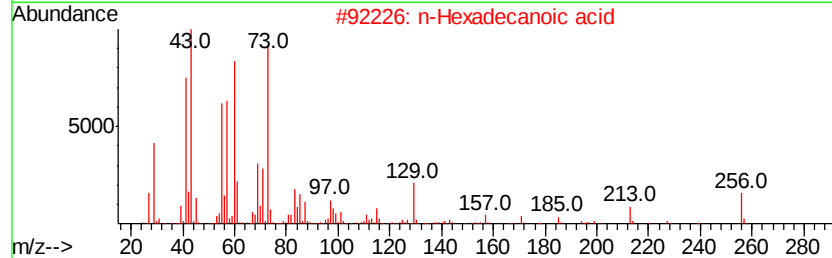
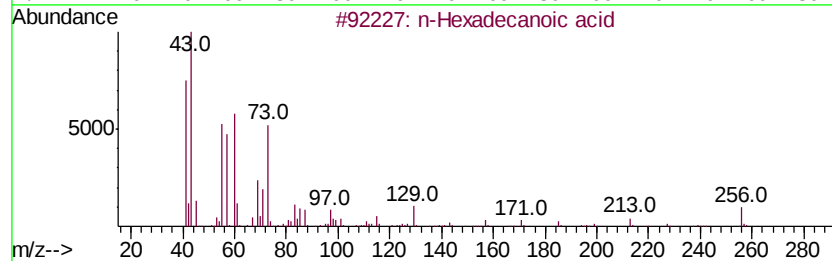
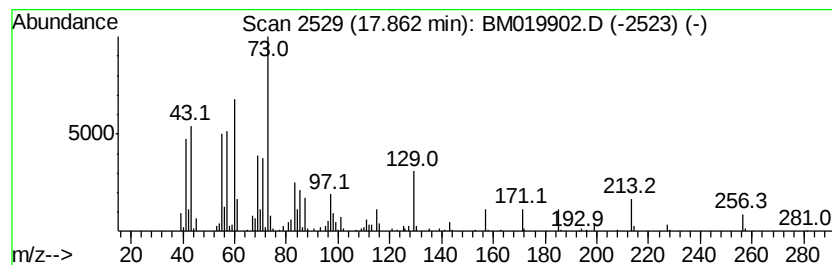
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.54 ng/ul	469127	Phenanthrene-d10	16.97

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	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	50
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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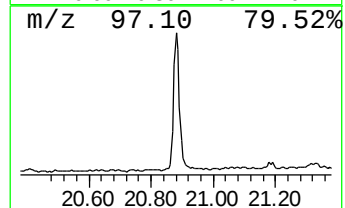
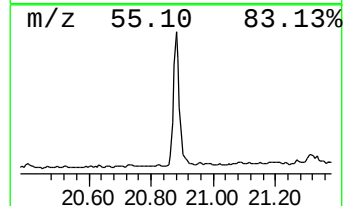
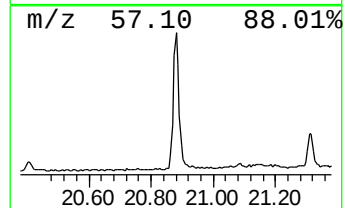
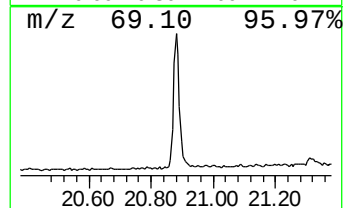
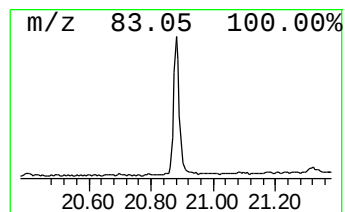
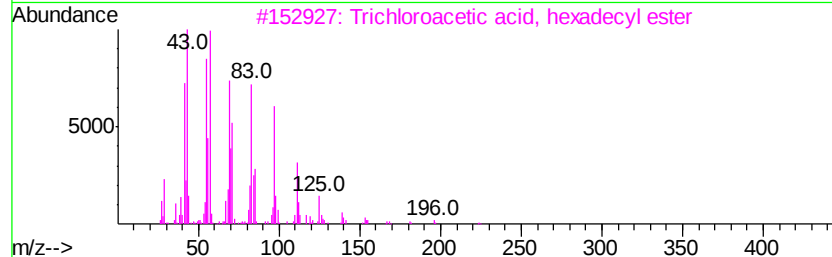
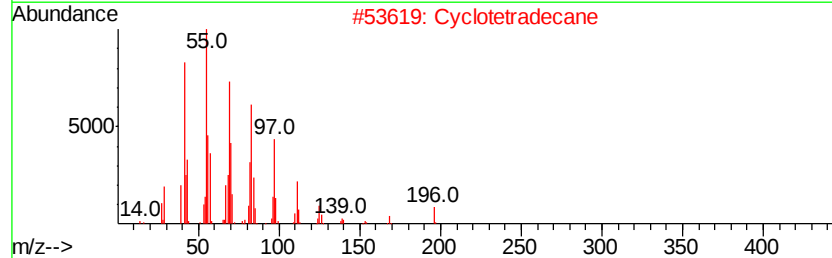
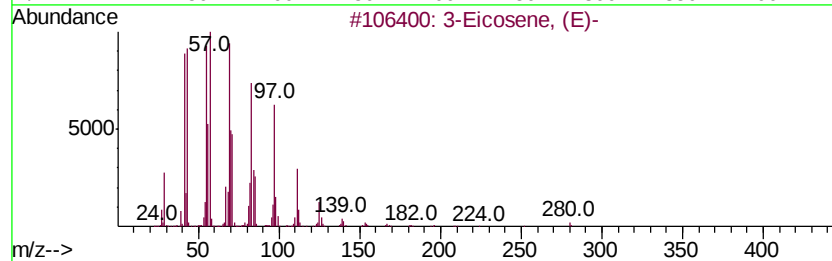
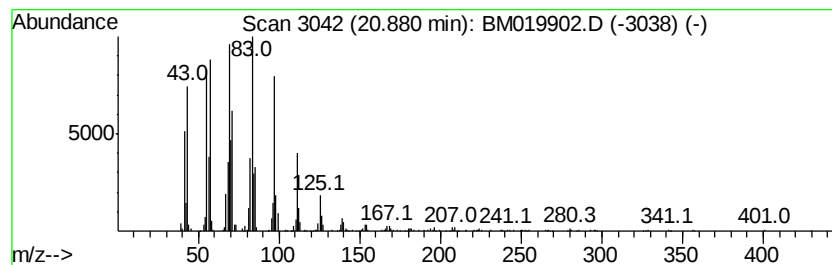
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.88 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	9.14 ng/ul	834946	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2		Cyclotetradecane	196	C14H28	000295-17-0	93
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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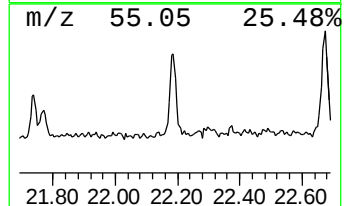
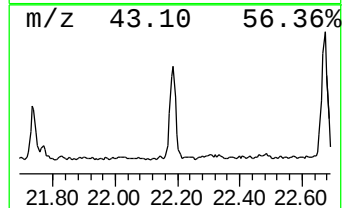
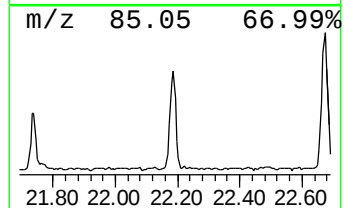
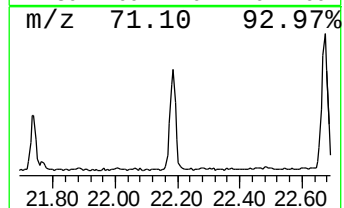
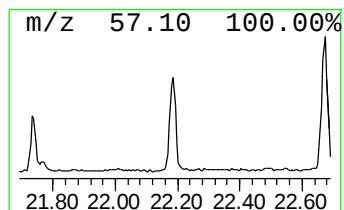
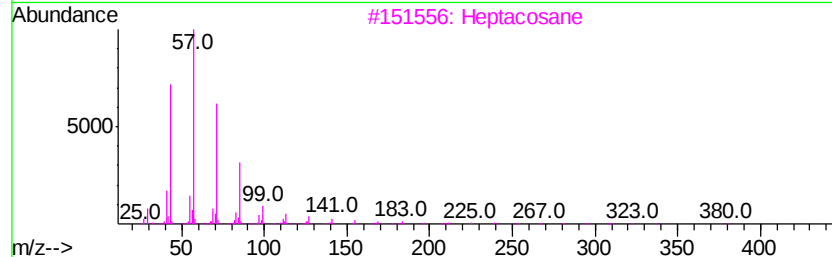
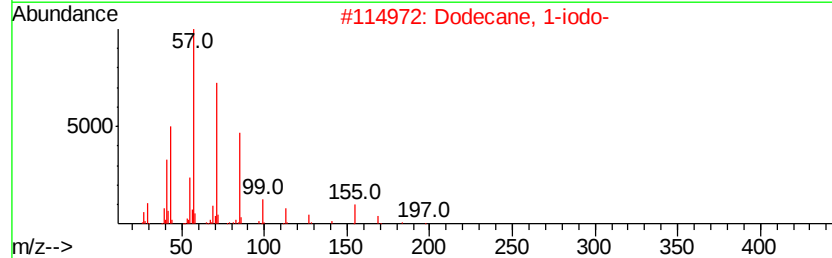
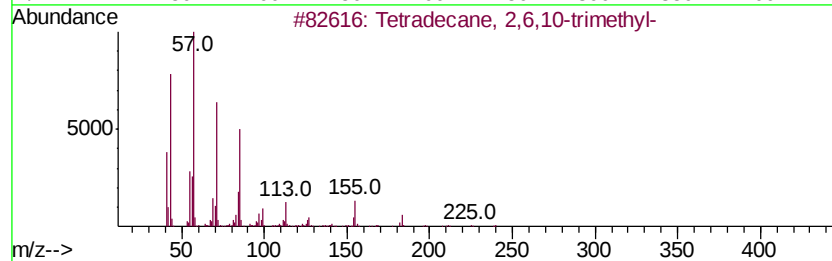
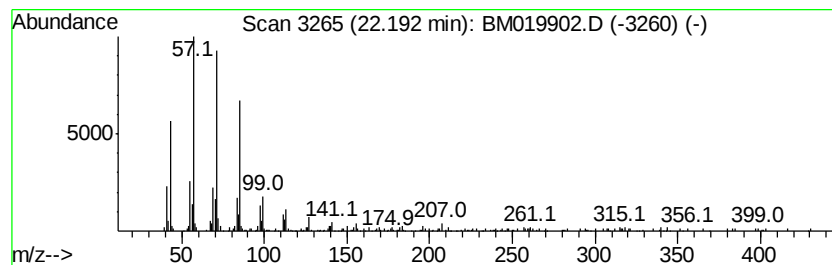
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.82 ng/ul	348727	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Heptacosane	380	C27H56	000593-49-7	81
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



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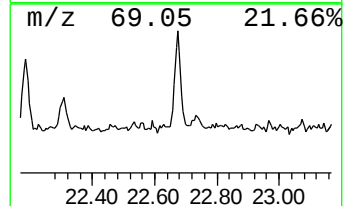
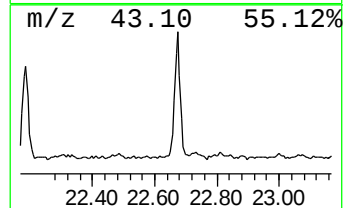
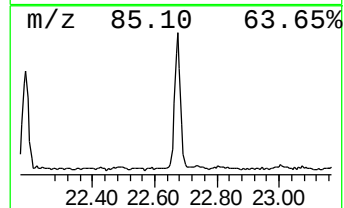
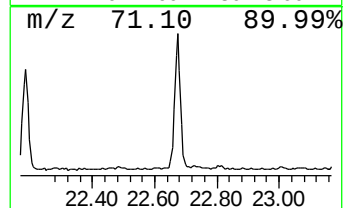
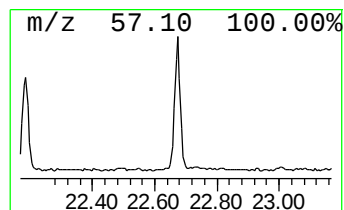
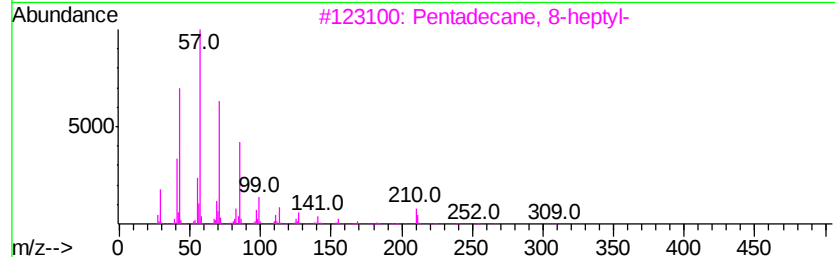
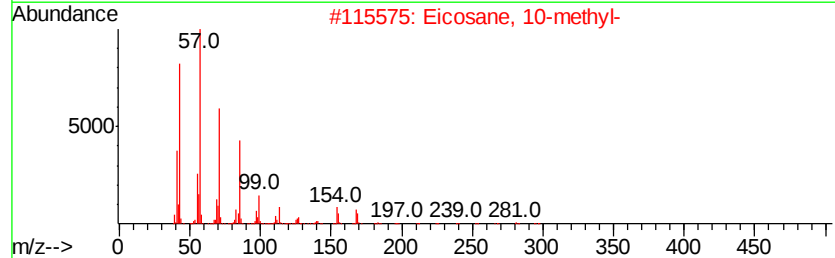
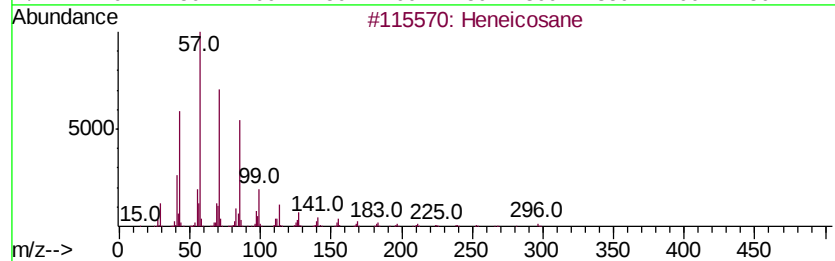
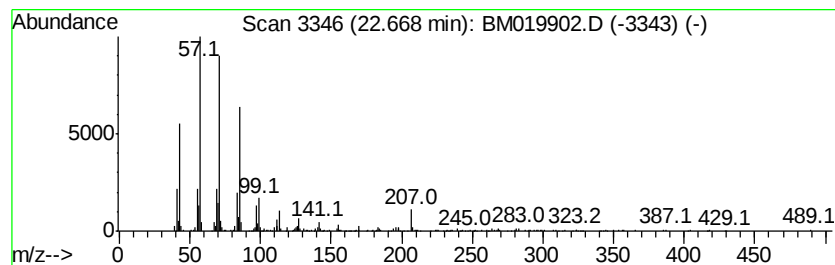
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	4.51 ng/ul	435469	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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ClientSampleId :
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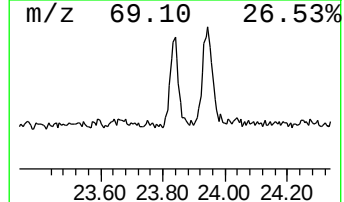
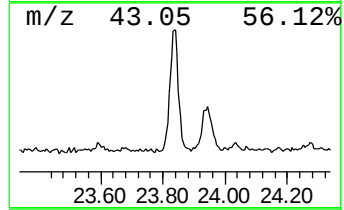
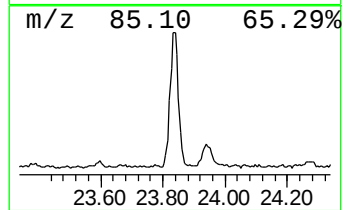
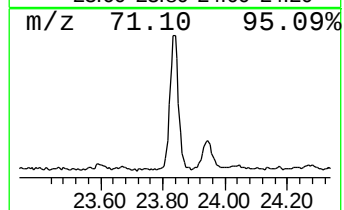
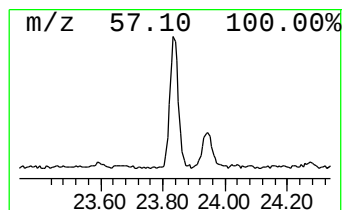
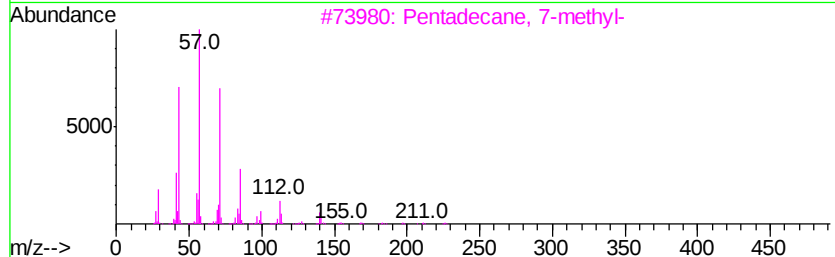
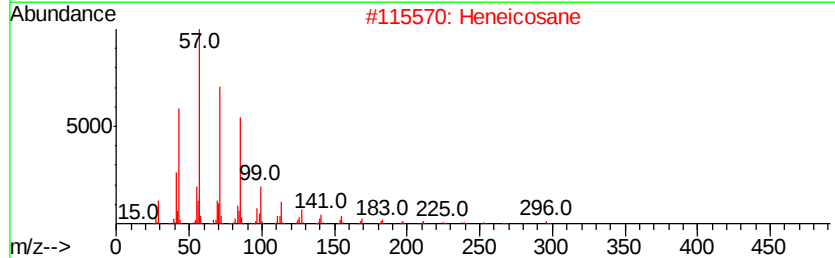
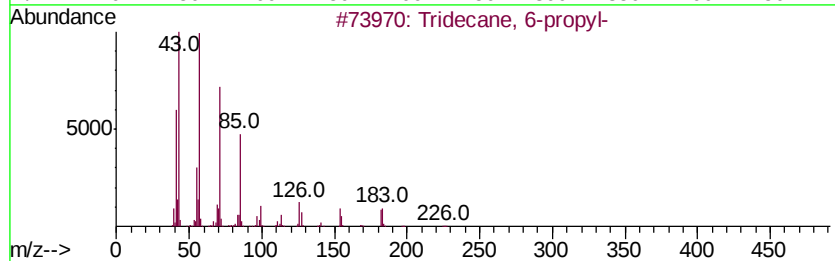
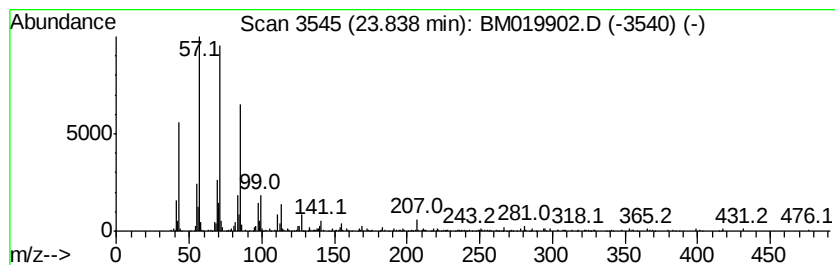
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	5.49 ng/ul	529264	Perylene-d12	23.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041119\
Data File : BM019902.D
Acq On : 11 Apr 2019 20:05
Operator : JU/SJ
Sample : K2304-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF894

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	17.86	6.5	ng/ul	469127	4	16.97	1434500	20.0
(DEL) Alkane: Cyc...	20.88	9.1	ng/ul	834946	5	21.19	1826280	20.0
(DEL) Alkane: Str...	22.19	3.8	ng/ul	348727	5	21.19	1826280	20.0
(DEL) Alkane: Str...	22.67	4.5	ng/ul	435469	6	23.39	1929770	20.0
(DEL) Alkane: Str...	23.84	5.5	ng/ul	529264	6	23.39	1929770	20.0