

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019706.D
 Acq On : 03 Apr 2019 00:07
 Operator : JU/SJ
 Sample : K2148-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G6

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	3.122	20	23	30	rVB	21204	29124	0.91%	0.084%
2	3.622	104	108	116	rBV5	12378	22348	0.70%	0.065%
3	3.716	122	124	129	rVB2	10992	11923	0.37%	0.034%
4	4.710	290	293	298	rBV2	9561	14207	0.44%	0.041%
5	4.763	298	302	308	rVB5	7303	13141	0.41%	0.038%
6	6.757	635	641	659	rBV	239707	489262	15.24%	1.414%
7	6.922	664	669	685	rBV	216323	412763	12.86%	1.193%
8	7.104	694	700	713	rBV	302704	517101	16.10%	1.495%
9	7.275	724	729	730	rBV2	7935	10907	0.34%	0.032%
10	7.569	772	779	787	rBV	505371	815936	25.41%	2.358%
11	8.292	895	902	916	rBV	235890	468961	14.61%	1.356%
12	8.422	919	924	933	rVB4	8006	17087	0.53%	0.049%
13	8.740	970	978	992	rBV	274611	518357	16.14%	1.498%
14	9.063	1027	1033	1038	rBV	13958	18262	0.57%	0.053%
15	9.457	1093	1100	1121	rVB	223642	428878	13.36%	1.240%
16	9.634	1124	1130	1134	rBV3	7147	12553	0.39%	0.036%
17	9.992	1183	1191	1207	rBV	274541	601526	18.73%	1.739%
18	10.345	1243	1251	1265	rBV	784735	1326535	41.31%	3.834%
19	10.522	1275	1281	1301	rBV	159918	432696	13.48%	1.251%
20	11.975	1523	1528	1529	rBV2	3715	4569	0.14%	0.013%
21	12.875	1677	1681	1686	rBV2	3089	3731	0.12%	0.011%
22	12.957	1691	1695	1698	rBV3	5078	6576	0.20%	0.019%
23	13.027	1703	1707	1711	rBV4	3496	5220	0.16%	0.015%
24	13.069	1711	1714	1719	rVB3	7578	9163	0.29%	0.026%
25	13.516	1788	1790	1795	rVB2	3684	4929	0.15%	0.014%
26	13.651	1806	1813	1818	rBV	780839	1117525	34.80%	3.230%
27	13.698	1818	1821	1832	rVB	126667	202012	6.29%	0.584%
28	13.922	1852	1859	1874	rBV	893106	1337751	41.66%	3.867%
29	14.045	1877	1880	1884	rVB2	3316	4114	0.13%	0.012%
30	14.233	1905	1912	1918	rBV2	1225905	1901942	59.23%	5.498%
31	14.504	1952	1958	1972	rBV2	86230	275728	8.59%	0.797%
32	14.669	1982	1986	1990	rVB5	5327	8841	0.28%	0.026%
33	14.745	1998	1999	2005	rVB3	3950	4211	0.13%	0.012%
34	15.021	2042	2046	2050	rBV2	4275	6045	0.19%	0.017%

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35	15.074	2050	2055	2060	rVB3	12537	16112	0.50%	0.047%
36	15.133	2060	2065	2071	rBV4	3715	5729	0.18%	0.017%
37	15.233	2076	2082	2093	rBV	1204711	1741319	54.23%	5.033%
38	15.386	2102	2108	2117	rBV	247303	396922	12.36%	1.147%
39	15.474	2119	2123	2128	rVB5	22948	37249	1.16%	0.108%
40	15.551	2133	2136	2143	rVB4	5181	7681	0.24%	0.022%
41	15.810	2179	2180	2184	rVB4	4103	3992	0.12%	0.012%
42	15.863	2184	2189	2194	rBV6	3881	8816	0.27%	0.025%
43	15.945	2197	2203	2205	rBV4	6302	10514	0.33%	0.030%
44	15.998	2208	2212	2213	rVV3	4034	4983	0.16%	0.014%
45	16.015	2213	2215	2223	rVB4	5311	7048	0.22%	0.020%
46	16.110	2228	2231	2234	rBV4	2781	3999	0.12%	0.012%
47	16.192	2242	2245	2251	rVB6	4990	7701	0.24%	0.022%
48	16.286	2257	2261	2265	rBV2	3092	4174	0.13%	0.012%
49	16.345	2268	2271	2276	rVB3	5976	7617	0.24%	0.022%
50	16.404	2276	2281	2283	rBV2	6216	9012	0.28%	0.026%
51	16.539	2300	2304	2311	rBV2	15558	20822	0.65%	0.060%
52	16.733	2332	2337	2338	rBV2	5860	7075	0.22%	0.020%
53	16.763	2338	2342	2343	rVV2	6728	10097	0.31%	0.029%
54	16.780	2343	2345	2352	rVB4	7991	15554	0.48%	0.045%
55	16.892	2357	2364	2370	rBV5	13162	25442	0.79%	0.074%
56	16.992	2372	2381	2391	rBV2	1564470	2318714	72.21%	6.702%
57	17.092	2391	2398	2410	rVV	1285183	1864249	58.06%	5.389%
58	17.280	2425	2430	2434	rVB5	9467	13304	0.41%	0.038%
59	17.380	2442	2447	2451	rBV5	5770	10479	0.33%	0.030%
60	17.468	2457	2462	2465	rBV2	6378	9597	0.30%	0.028%
61	17.627	2486	2489	2490	rBV3	3738	3387	0.11%	0.010%
62	17.651	2490	2493	2497	rVB4	6295	8466	0.26%	0.024%
63	17.768	2506	2513	2514	rBV6	10913	19248	0.60%	0.056%
64	17.827	2519	2523	2527	rBV4	14349	18861	0.59%	0.055%
65	17.886	2528	2533	2542	rBV	225069	361357	11.25%	1.045%
66	18.180	2577	2583	2590	rBV7	15212	34826	1.08%	0.101%
67	18.345	2608	2611	2613	rBV4	5771	7005	0.22%	0.020%
68	18.386	2614	2618	2622	rVB4	43752	55852	1.74%	0.161%
69	18.639	2658	2661	2664	rVB4	11116	12185	0.38%	0.035%
70	18.756	2677	2681	2686	rVB5	6991	10773	0.34%	0.031%
71	18.809	2686	2690	2694	rBV4	10772	14016	0.44%	0.041%

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72	18.874	2699	2701	2704	rBV4	4028	4660	0.15%	0.013%
73	18.980	2714	2719	2723	rBV8	13009	19729	0.61%	0.057%
74	19.033	2723	2728	2730	rBV3	23791	35798	1.11%	0.103%
75	19.174	2748	2752	2760	rBV2	72954	134016	4.17%	0.387%
76	19.286	2769	2771	2774	rVB2	13802	10865	0.34%	0.031%
77	19.321	2775	2777	2778	rBV2	5741	3220	0.10%	0.009%
78	19.398	2784	2790	2800	rBV2	1675674	2290360	71.33%	6.620%
79	19.804	2857	2859	2862	rBV4	7116	6927	0.22%	0.020%
80	19.909	2875	2877	2879	rBV2	17002	18936	0.59%	0.055%
81	20.427	2962	2965	2970	rBV5	40543	55642	1.73%	0.161%
82	20.898	3041	3045	3054	rBV	652510	826914	25.75%	2.390%
83	21.103	3076	3080	3086	rBV	152593	179693	5.60%	0.519%
84	21.198	3091	3096	3108	rVV	2424472	3157941	98.35%	9.128%
85	21.333	3116	3119	3124	rVB2	90295	103581	3.23%	0.299%
86	21.756	3187	3191	3194	rBV	200724	246852	7.69%	0.714%
87	22.203	3264	3267	3273	rBV	241379	303664	9.46%	0.878%
88	22.327	3285	3288	3296	rVB	172748	244211	7.61%	0.706%
89	22.697	3347	3351	3357	rVB	413890	576981	17.97%	1.668%
90	23.256	3440	3446	3454	rBV	1498350	2952772	91.96%	8.535%
91	23.403	3465	3471	3485	rVB	1753374	3210905	100.00%	9.281%
92	23.874	3546	3551	3560	rVB	349129	663607	20.67%	1.918%
93	23.974	3564	3568	3579	rVB2	215742	463693	14.44%	1.340%
94	24.597	3669	3674	3684	rVB2	217474	516582	16.09%	1.493%
95	25.433	3812	3816	3825	rVB3	174132	400042	12.46%	1.156%

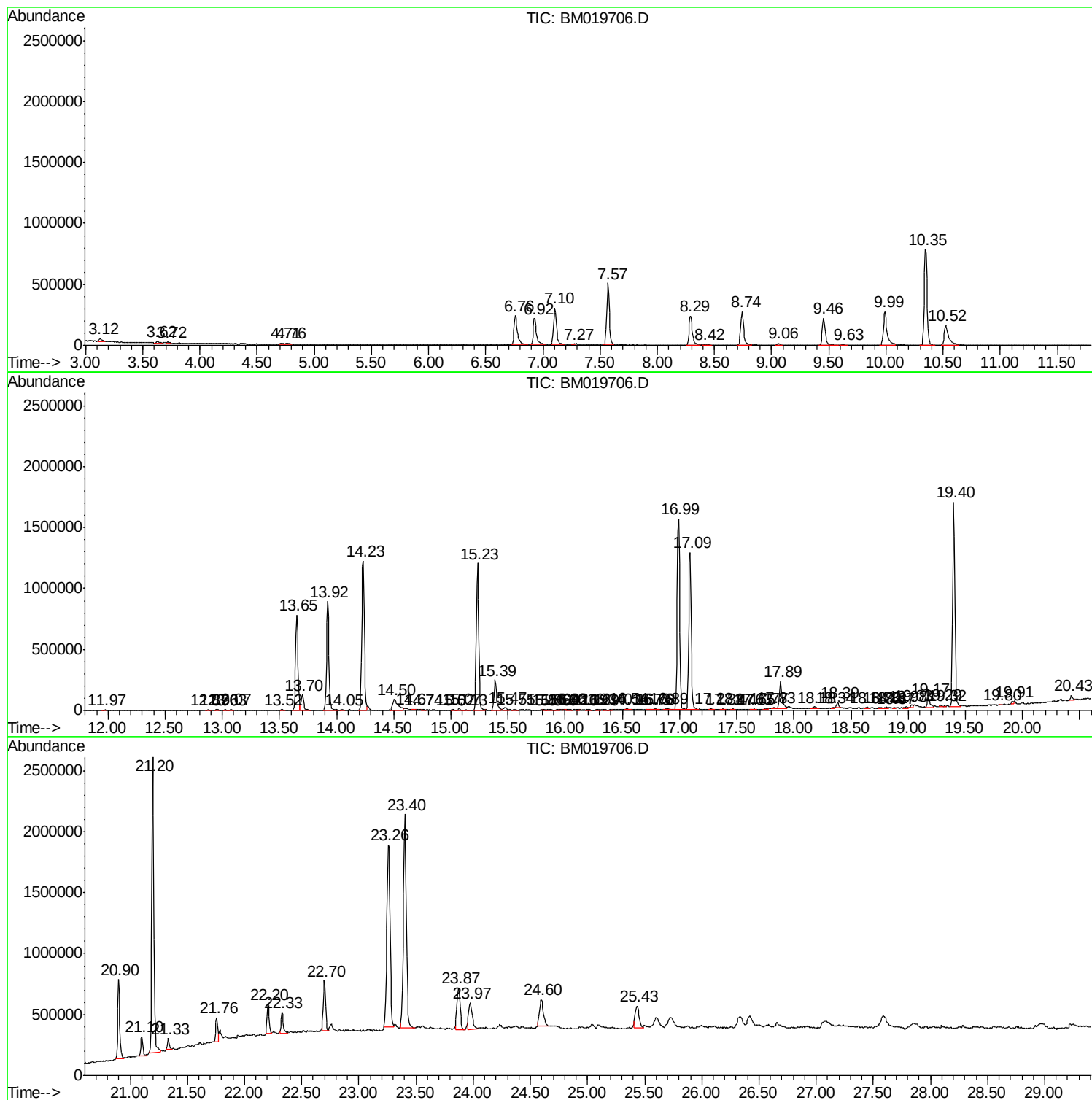
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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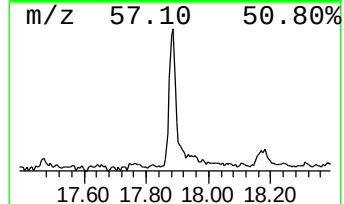
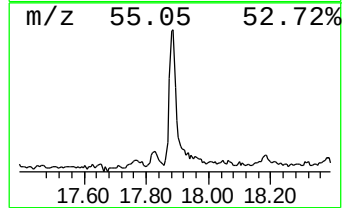
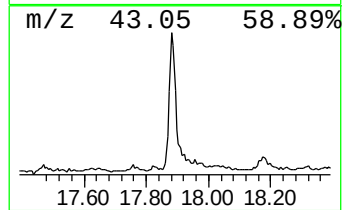
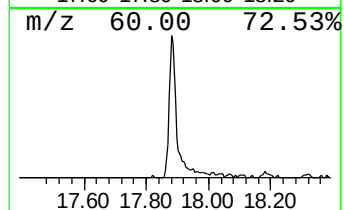
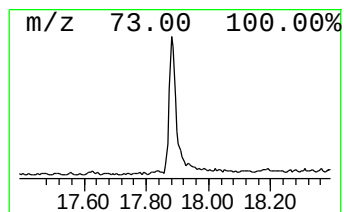
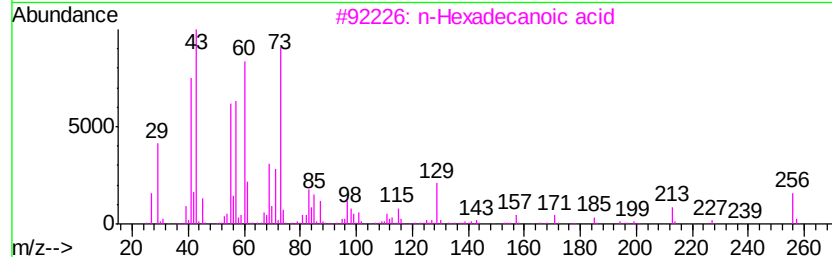
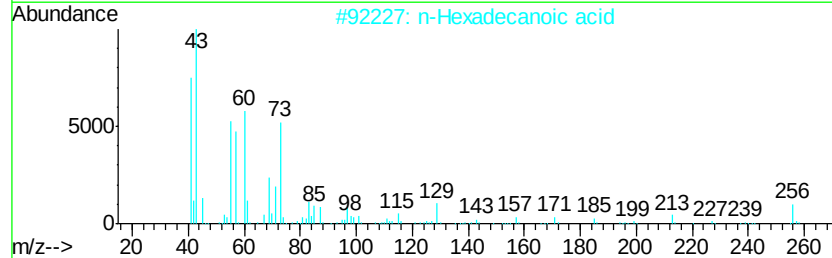
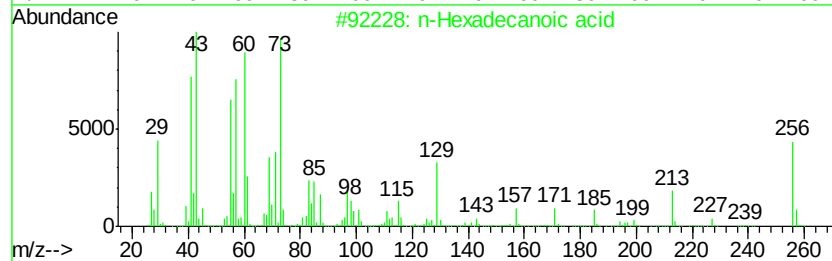
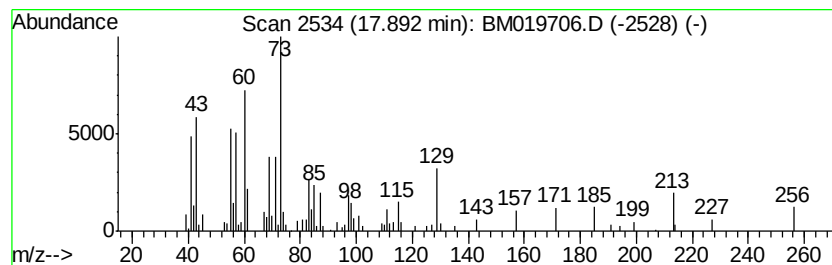
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	3.12 ng/ul	361357	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
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	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



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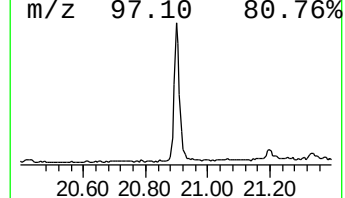
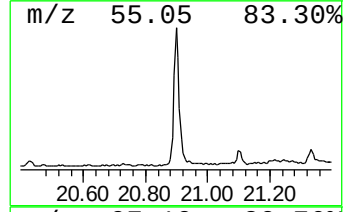
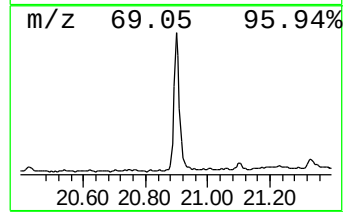
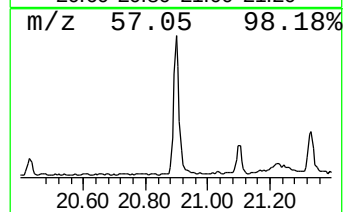
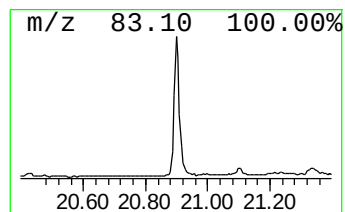
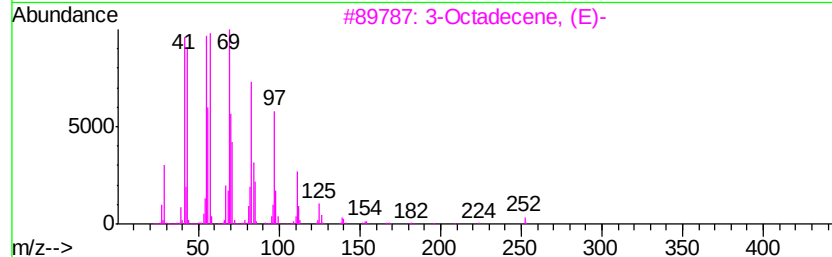
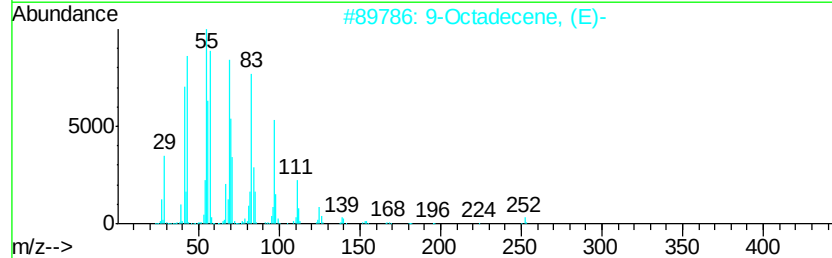
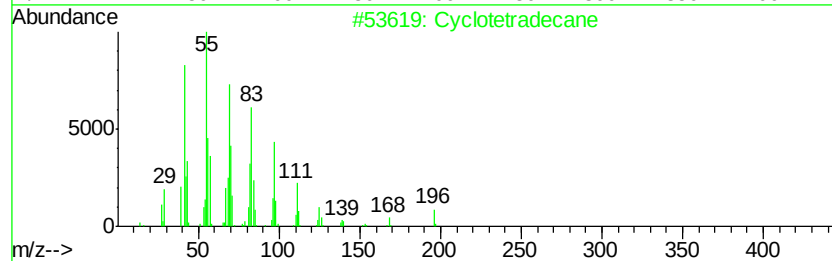
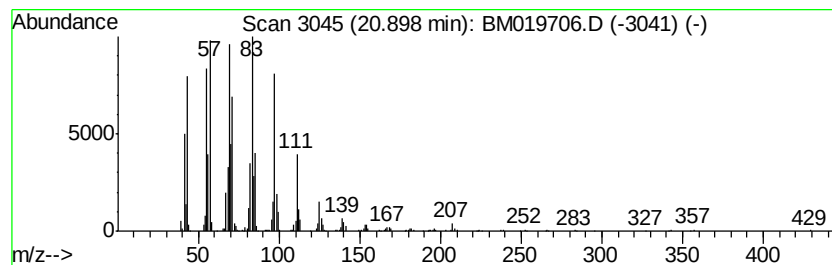
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Quant Title : SVOA CALIBRATION

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	5.24 ng/ul	826914	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3		3-Octadecene, (E)-	252	C18H36	007206-19-1	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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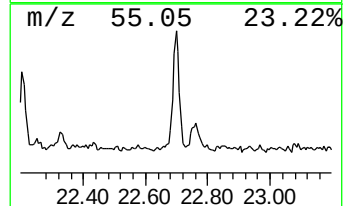
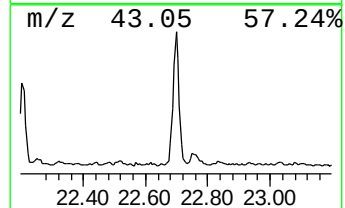
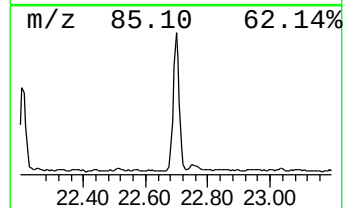
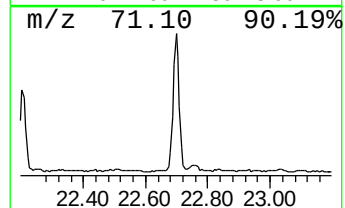
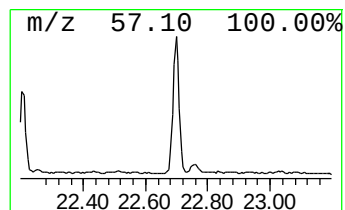
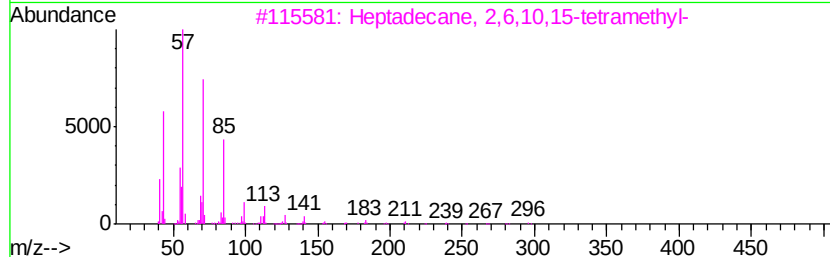
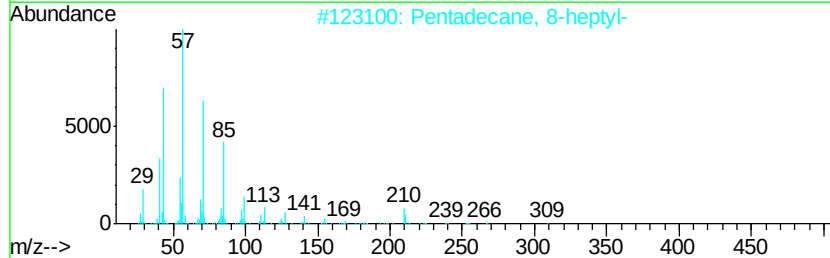
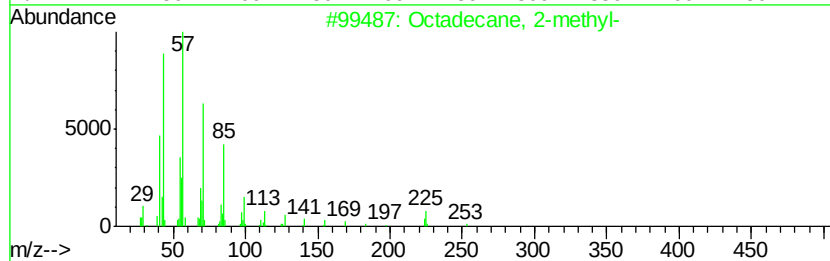
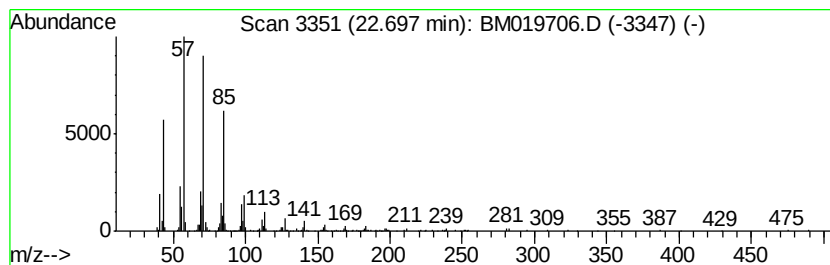
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.59 ng/ul	576981	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Pentacosane	352	C25H52	000629-99-2	86
5		Heptacosane	380	C27H56	000593-49-7	81



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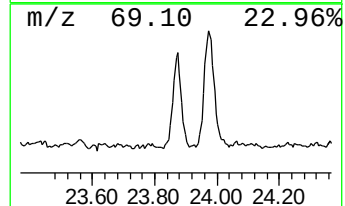
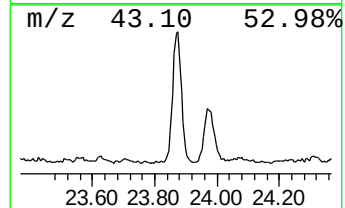
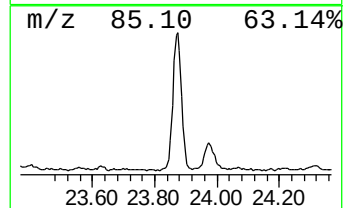
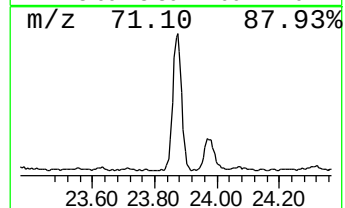
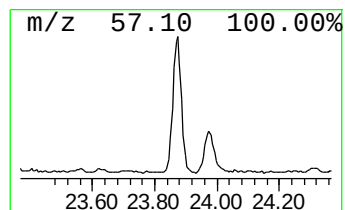
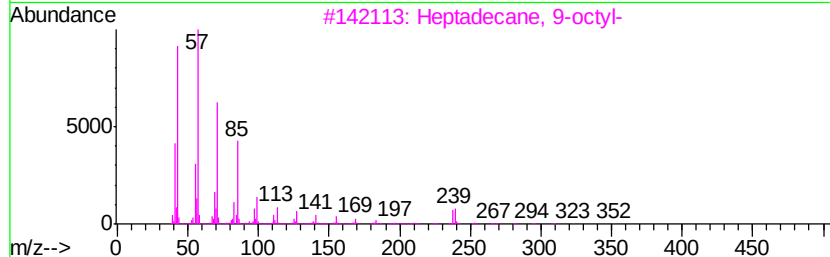
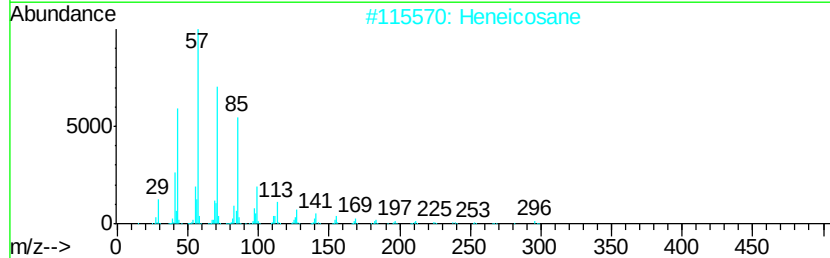
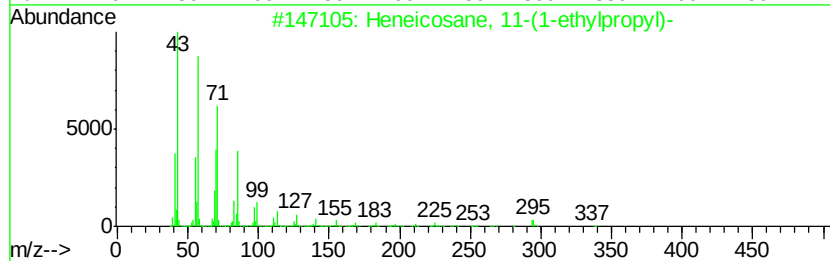
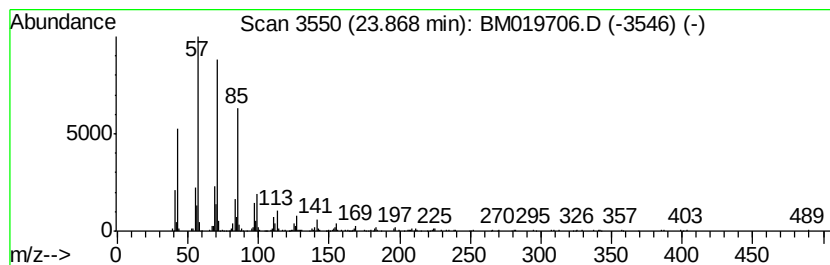
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.13 ng/ul	663607	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5		Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019706.D
Acq On : 03 Apr 2019 00:07
Operator : JU/SJ
Sample : K2148-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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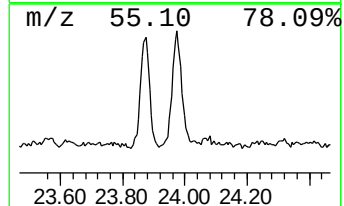
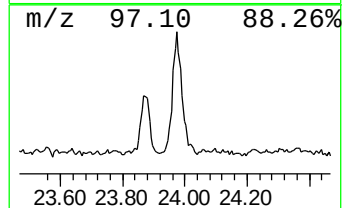
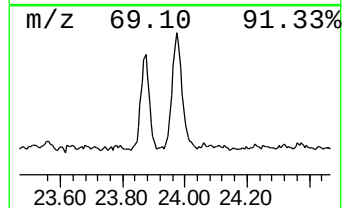
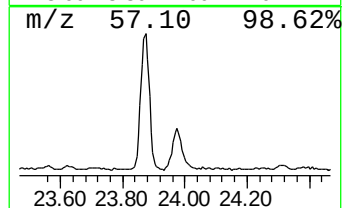
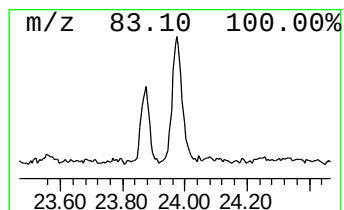
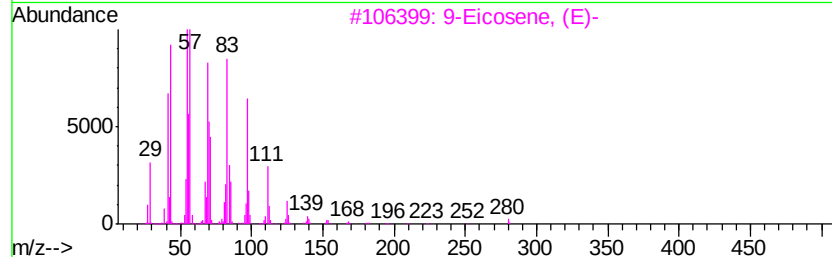
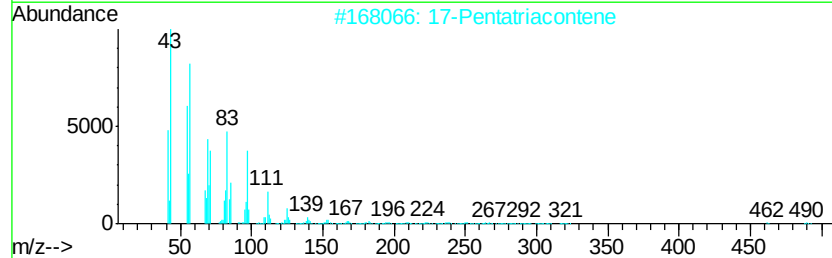
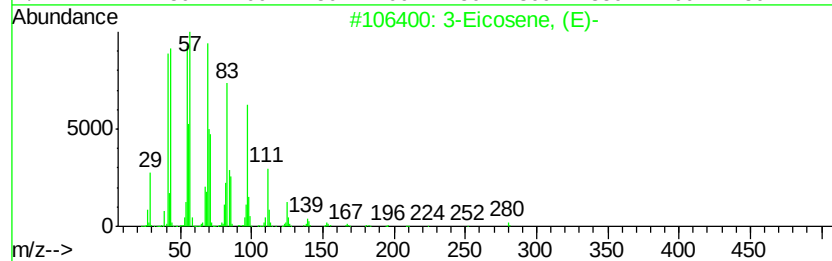
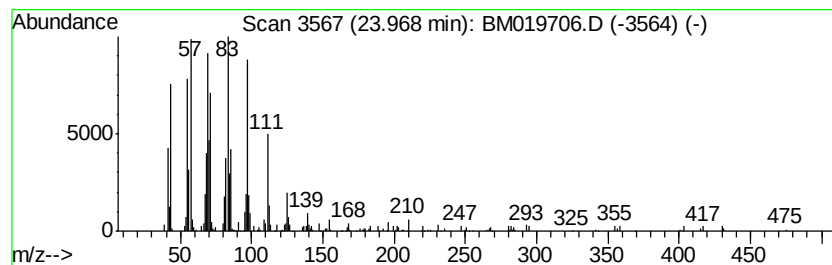
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.89 ng/ul	463693	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	92
2	17-Pentatriacontene		491	C35H70	006971-40-0	91
3	9-Eicosene, (E)-		280	C20H40	074685-29-3	90
4	Cyclopentadecane		210	C15H30	000295-48-7	83
5	1-Docosene		308	C22H44	001599-67-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019706.D
Acq On : 03 Apr 2019 00:07
Operator : JU/SJ
Sample : K2148-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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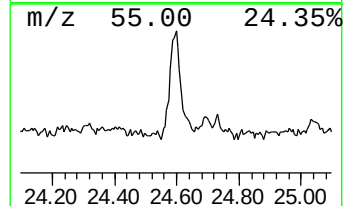
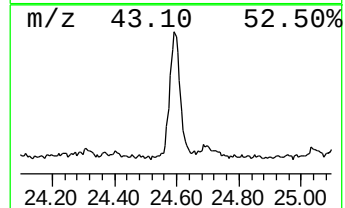
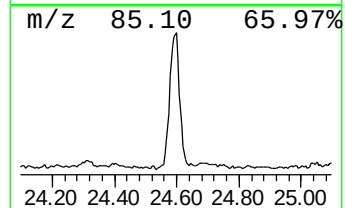
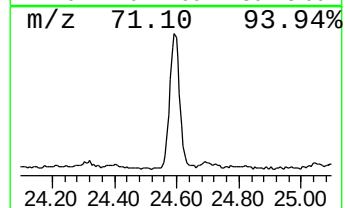
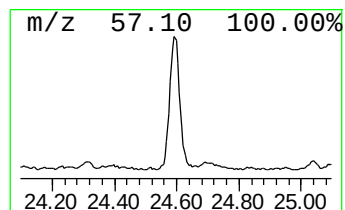
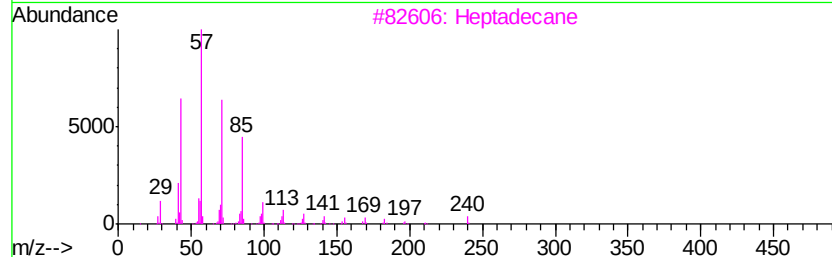
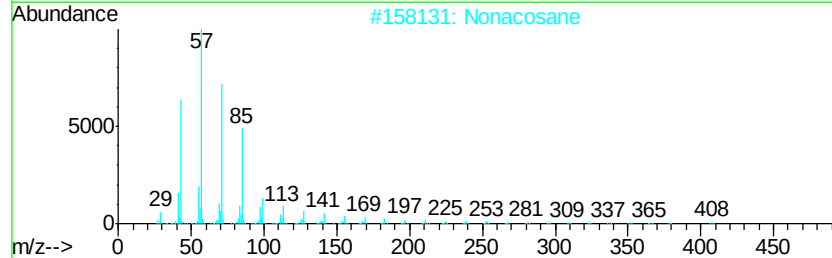
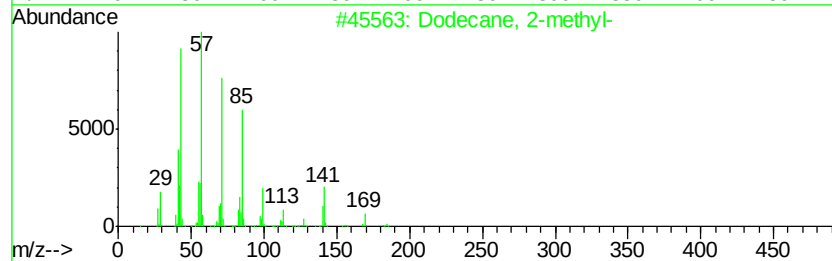
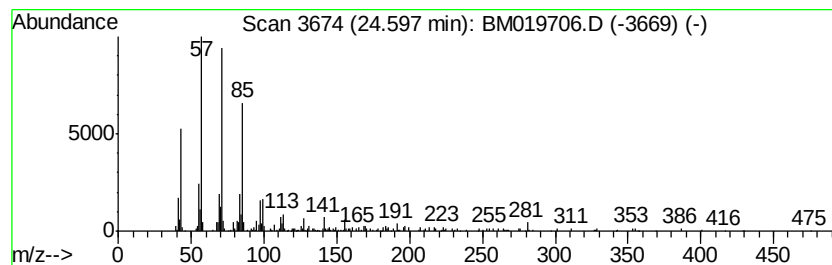
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.22 ng/ul	516582	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2		Nonacosane	408	C29H60	000630-03-5	80
3		Heptadecane	240	C17H36	000629-78-7	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019706.D
Acq On : 03 Apr 2019 00:07
Operator : JU/SJ
Sample : K2148-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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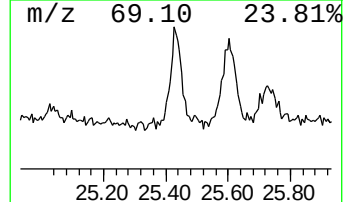
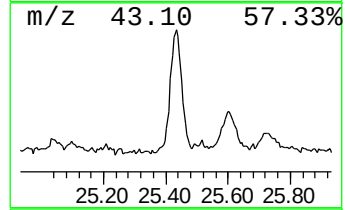
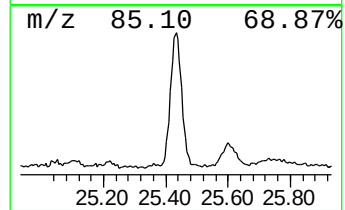
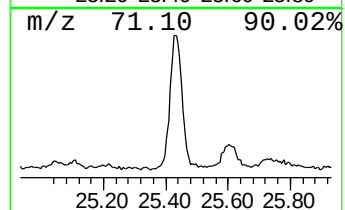
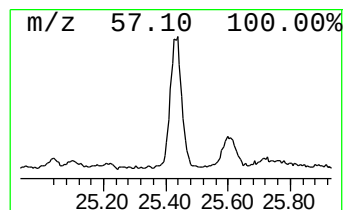
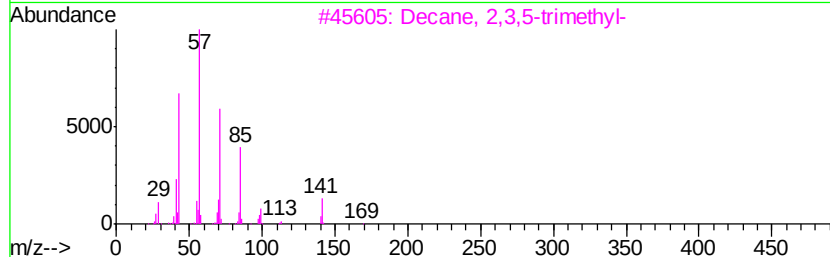
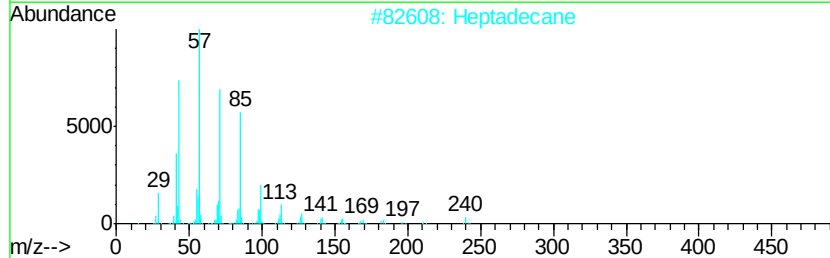
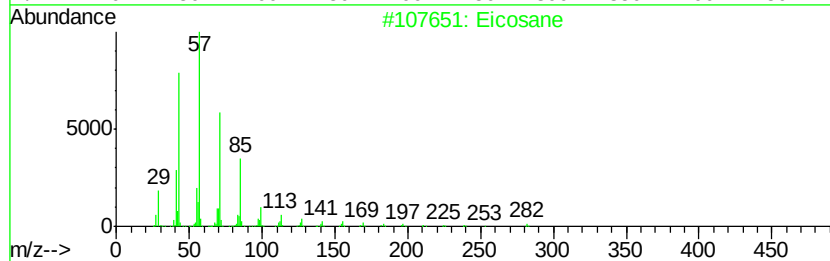
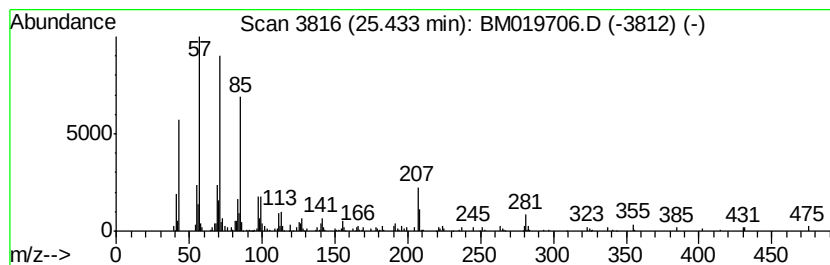
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.43	2.49 ng/ul	400042	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	70
2		Heptadecane	240	C17H36	000629-78-7	58
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
5		Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019706.D
Acq On : 03 Apr 2019 00:07
Operator : JU/SJ
Sample : K2148-19
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	17.89	3.1	ng/ul	361357	4	16.99	2318710	20.0
(DEL) Alkane: Cyc...	20.90	5.2	ng/ul	826914	5	21.20	3157940	20.0
(DEL) Alkane: Str...	22.70	3.6	ng/ul	576981	6	23.40	3210910	20.0
(DEL) Alkane: Str...	23.87	4.1	ng/ul	663607	6	23.40	3210910	20.0
(DEL) Alkane: Cyc...	23.97	2.9	ng/ul	463693	6	23.40	3210910	20.0
(DEL) Alkane: Str...	24.60	3.2	ng/ul	516582	6	23.40	3210910	20.0
(DEL) Alkane: Str...	25.43	2.5	ng/ul	400042	6	23.40	3210910	20.0