

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019384.D
 Acq On : 24 Mar 2019 10:23
 Operator : JU/SJ
 Sample : K2031-21
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5X8

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	3.146	24	27	36	rVB	32251	47894	1.71%	0.170%
2	3.752	126	130	134	rVB2	10243	14866	0.53%	0.053%
3	3.911	155	157	162	rBV6	4019	4577	0.16%	0.016%
4	4.752	295	300	307	rBV	12840	20052	0.72%	0.071%
5	6.793	641	647	660	rBV	175554	394569	14.09%	1.399%
6	6.963	670	676	692	rBV	156501	311227	11.11%	1.103%
7	7.140	701	706	718	rBV	223712	390806	13.95%	1.386%
8	7.610	779	786	796	rBV	505680	862491	30.79%	3.058%
9	7.675	796	797	803	rVB4	5217	5165	0.18%	0.018%
10	8.322	901	907	923	rBV	235426	479663	17.13%	1.701%
11	8.781	978	985	999	rBV	188719	370262	13.22%	1.313%
12	9.110	1038	1041	1047	rVB2	12065	16386	0.59%	0.058%
13	9.493	1100	1106	1118	rBV	151992	284260	10.15%	1.008%
14	9.851	1164	1167	1170	rBV3	1901	2835	0.10%	0.010%
15	10.028	1191	1197	1218	rBV	185880	438535	15.66%	1.555%
16	10.387	1251	1258	1270	rBV	741972	1282937	45.80%	4.549%
17	10.563	1282	1288	1308	rBV	156398	424777	15.17%	1.506%
18	12.857	1675	1678	1681	rBV3	2535	3195	0.11%	0.011%
19	13.686	1813	1819	1824	rBV	578834	865640	30.91%	3.069%
20	13.733	1824	1827	1838	rVB	109615	173336	6.19%	0.615%
21	13.957	1858	1865	1878	rBV	609316	929562	33.19%	3.296%
22	14.151	1893	1898	1900	rBV3	2493	3506	0.13%	0.012%
23	14.269	1911	1918	1932	rBV2	1122530	1773895	63.33%	6.289%
24	14.528	1956	1962	1973	rBV2	53992	179293	6.40%	0.636%
25	14.692	1987	1990	1997	rVB6	9148	16293	0.58%	0.058%
26	15.051	2048	2051	2052	rBV2	3122	3311	0.12%	0.012%
27	15.104	2056	2060	2066	rVB2	17616	22596	0.81%	0.080%
28	15.269	2081	2088	2102	rBV	822910	1277456	45.61%	4.529%
29	15.410	2106	2112	2125	rBV	162866	276161	9.86%	0.979%
30	15.516	2125	2130	2132	rVB2	6496	9121	0.33%	0.032%
31	15.886	2191	2193	2197	rVB	4307	3739	0.13%	0.013%
32	15.974	2204	2208	2214	rVV3	4496	8794	0.31%	0.031%
33	16.163	2236	2240	2244	rBV3	5075	7346	0.26%	0.026%
34	16.222	2247	2250	2254	rVB3	4274	5480	0.20%	0.019%

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35	16.769	2341	2343	2347	rBV4	3359	4420	0.16%	0.016%
36	16.810	2347	2350	2351	rBV2	5547	5005	0.18%	0.018%
37	16.939	2370	2372	2376	rVB3	2985	2811	0.10%	0.010%
38	17.021	2380	2386	2396	rBV	1545419	2129556	76.03%	7.551%
39	17.121	2397	2403	2418	rVV2	925790	1425397	50.89%	5.054%
40	17.310	2432	2435	2439	rVB3	4239	4522	0.16%	0.016%
41	17.421	2451	2454	2459	rBV2	2973	4525	0.16%	0.016%
42	17.504	2466	2468	2474	rBV4	3964	4352	0.16%	0.015%
43	17.704	2498	2502	2503	rVB2	2918	2877	0.10%	0.010%
44	17.916	2532	2538	2549	rBV	143068	256430	9.16%	0.909%
45	18.086	2565	2567	2569	rBV3	4218	4087	0.15%	0.014%
46	18.163	2578	2580	2582	rVB3	3913	3880	0.14%	0.014%
47	18.204	2582	2587	2591	rBV6	13075	23709	0.85%	0.084%
48	18.339	2606	2610	2613	rBV4	2820	4704	0.17%	0.017%
49	18.727	2673	2676	2677	rBV3	2942	2885	0.10%	0.010%
50	18.839	2692	2695	2699	rBV2	15828	15656	0.56%	0.056%
51	18.992	2719	2721	2724	rBV4	2634	2946	0.11%	0.010%
52	19.063	2729	2733	2743	rVV7	25015	59979	2.14%	0.213%
53	19.204	2753	2757	2766	rBV2	70128	129070	4.61%	0.458%
54	19.351	2780	2782	2784	rBV3	5154	3916	0.14%	0.014%
55	19.427	2789	2795	2806	rBV	1335471	1855755	66.25%	6.580%
56	19.962	2882	2886	2892	rVB	60016	62946	2.25%	0.223%
57	20.362	2952	2954	2959	rVB	23719	26977	0.96%	0.096%
58	20.462	2967	2971	2976	rBV	109307	135954	4.85%	0.482%
59	20.927	3046	3050	3062	rBV	341112	604974	21.60%	2.145%
60	21.227	3095	3101	3114	rBV	2002005	2753142	98.29%	9.761%
61	21.362	3120	3124	3132	rBV	247697	295228	10.54%	1.047%
62	21.792	3193	3197	3201	rBV	298172	338443	12.08%	1.200%
63	22.245	3270	3274	3281	rVB	374450	446991	15.96%	1.585%
64	22.739	3354	3358	3364	rVB	349828	489061	17.46%	1.734%
65	23.298	3447	3453	3468	rBV2	1400351	2504473	89.42%	8.880%
66	23.445	3471	3478	3490	rVB2	1457641	2800933	100.00%	9.931%
67	23.927	3555	3560	3566	rVB	288845	498107	17.78%	1.766%
68	24.656	3679	3684	3692	rVB	190879	390364	13.94%	1.384%

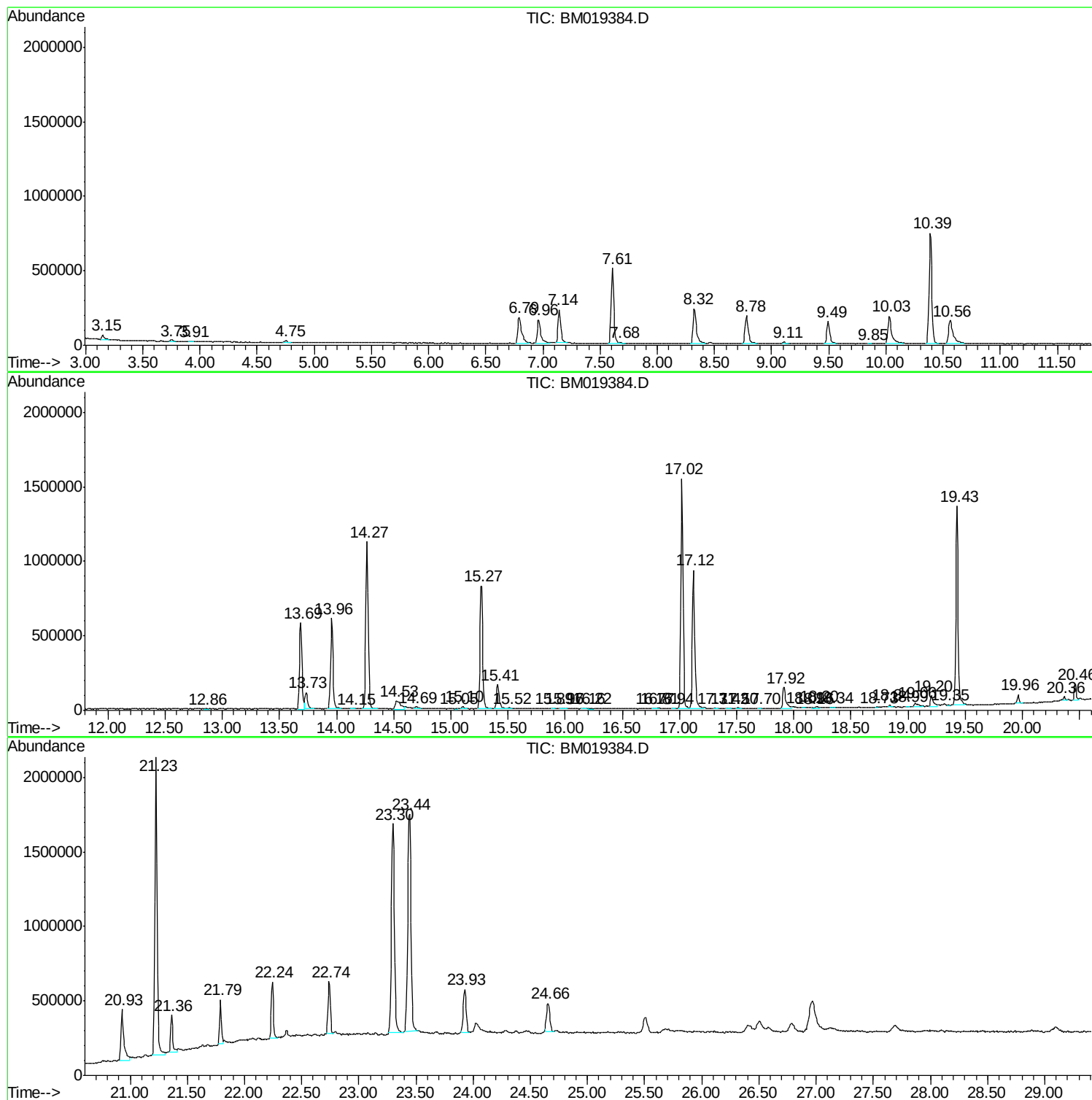
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Quant Title : SVOA CALIBRATION

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



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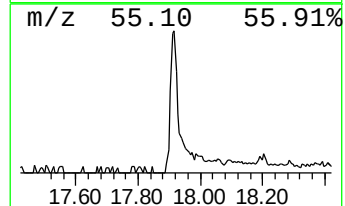
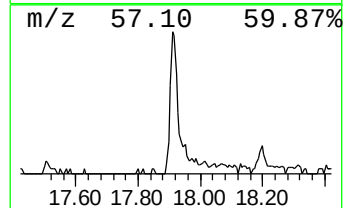
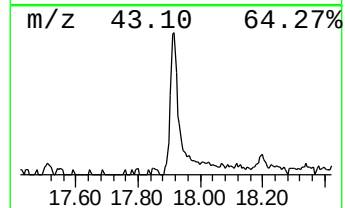
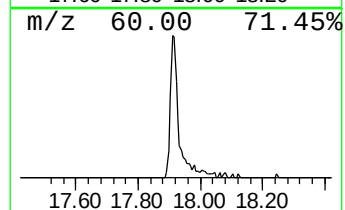
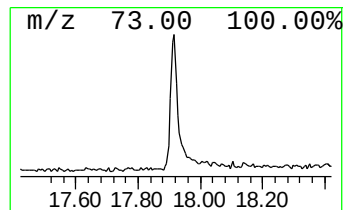
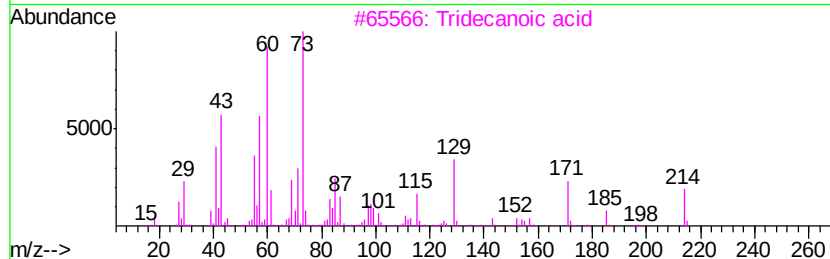
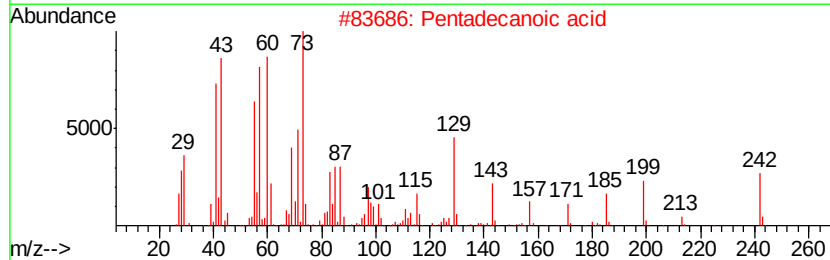
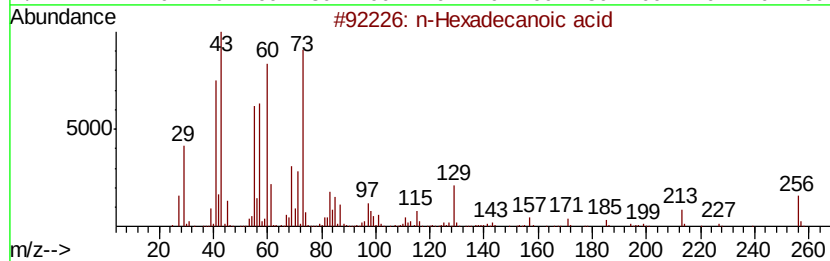
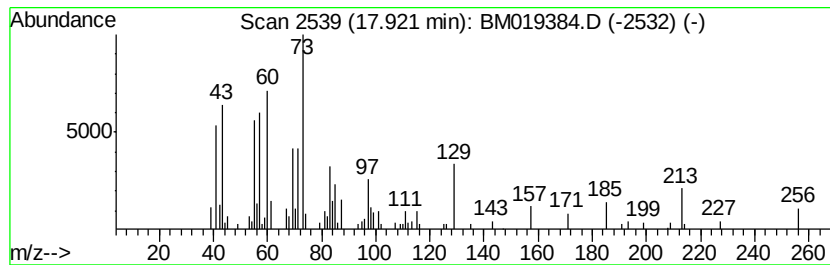
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.92	2.41 ng/ul	256430	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		Tridecanoic acid	214	C13H26O2	000638-53-9	59
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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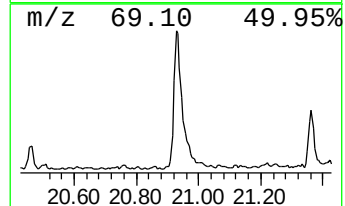
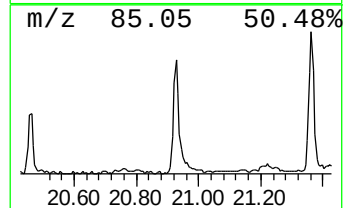
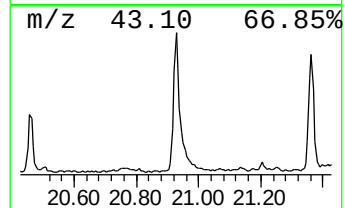
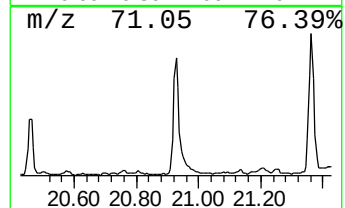
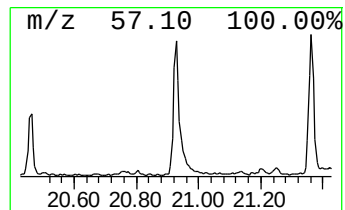
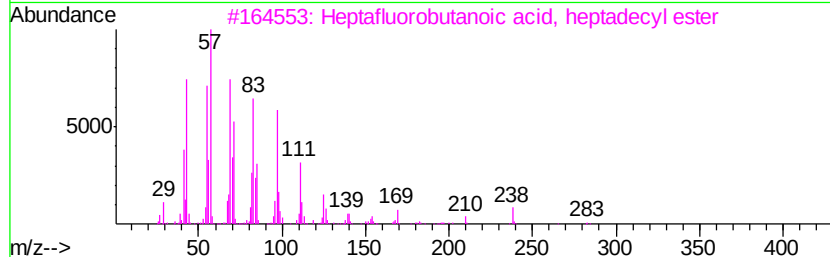
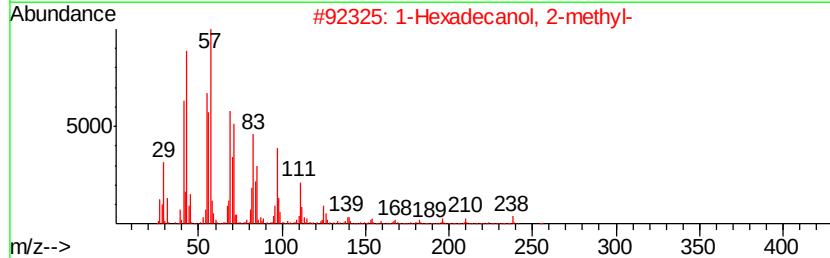
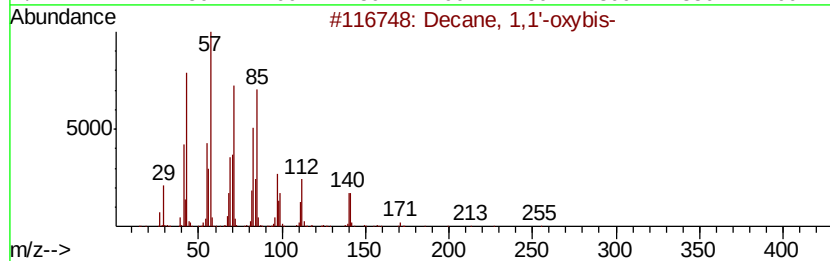
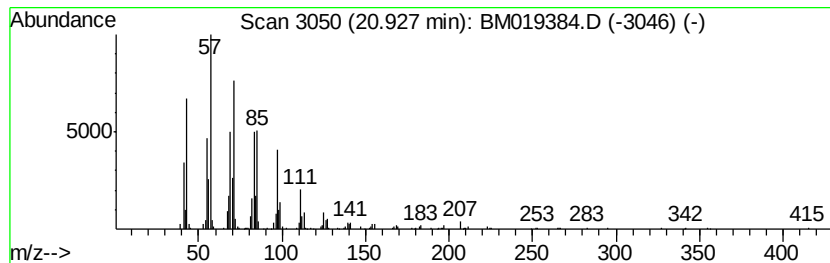
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Decane, 1,1'-oxybis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.39 ng/ul	604974	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2 83
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4 64
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3 60
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1 58
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1 58



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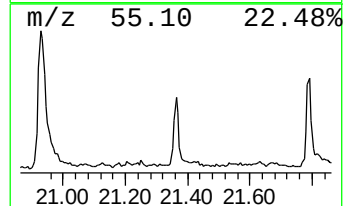
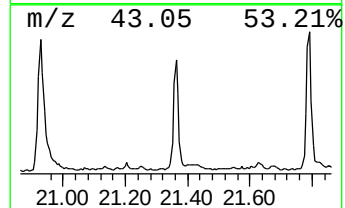
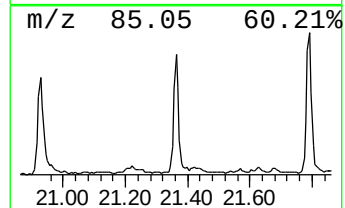
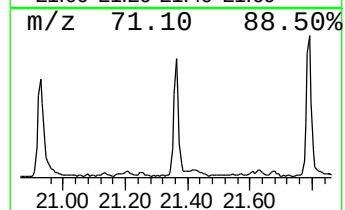
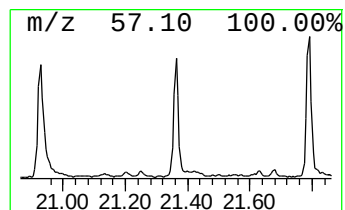
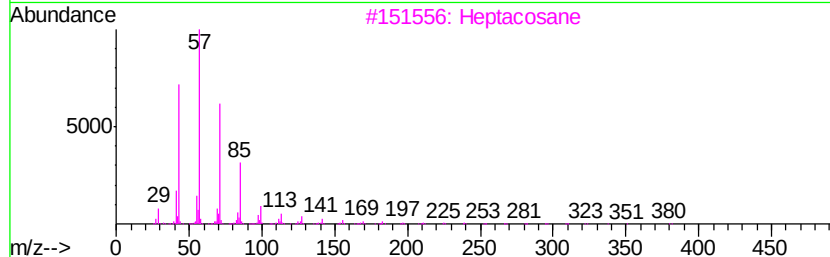
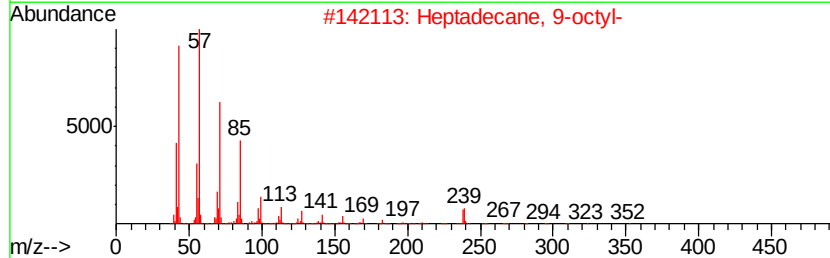
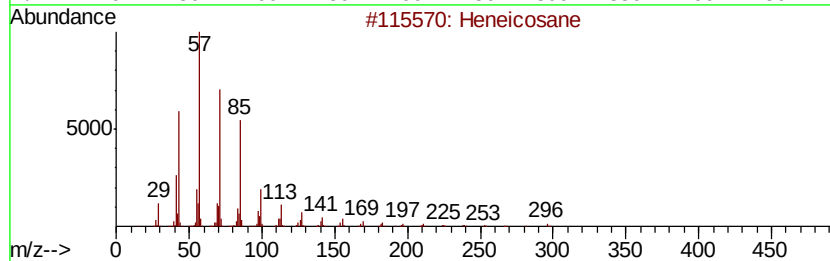
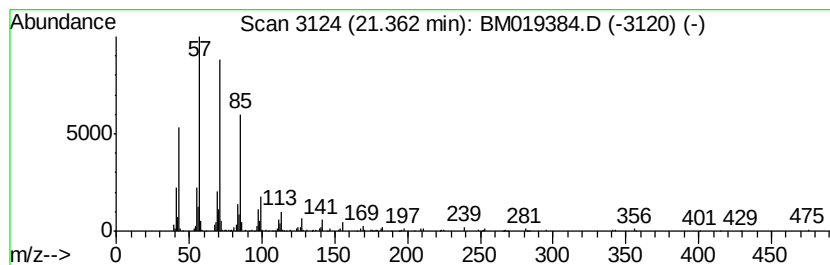
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Quant Title : SVOA CALIBRATION

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.
21.36	2.14 ng/ul	295228	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	Heptacosane	380 C27H56	000593-49-7	87
4	Hexadecane	226 C16H34	000544-76-3	86
5	Eicosane	282 C20H42	000112-95-8	86



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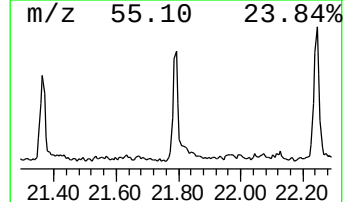
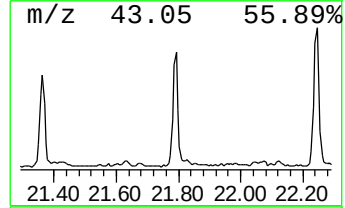
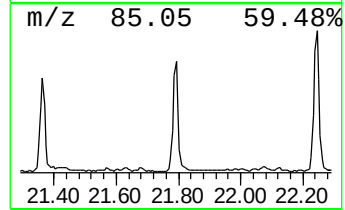
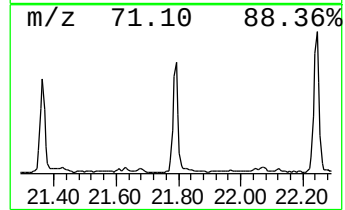
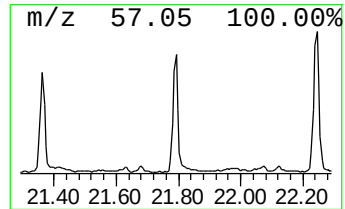
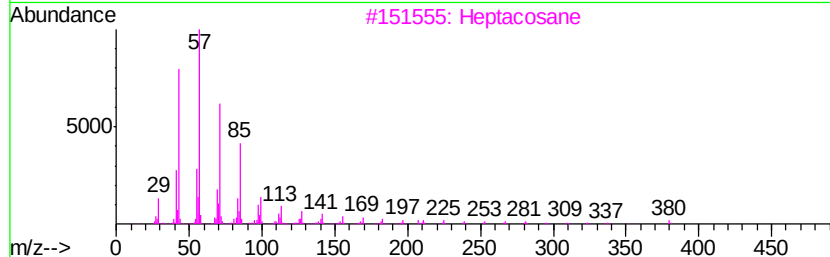
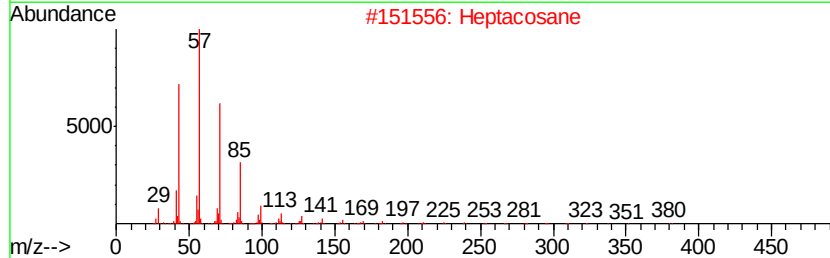
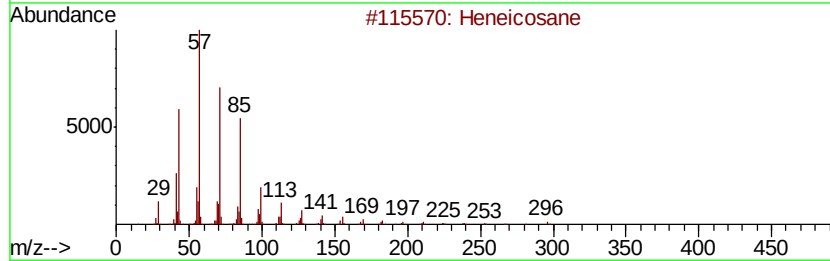
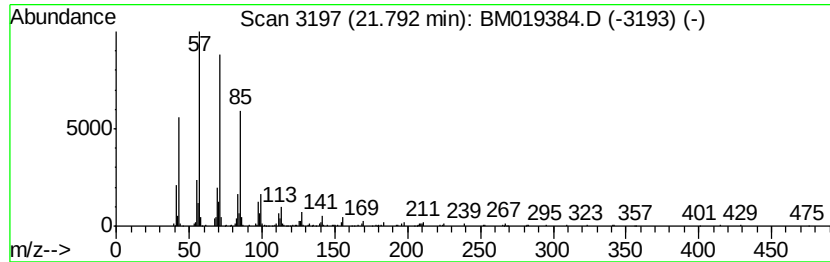
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.46 ng/ul	338443	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



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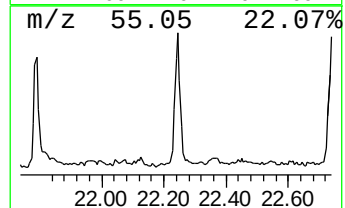
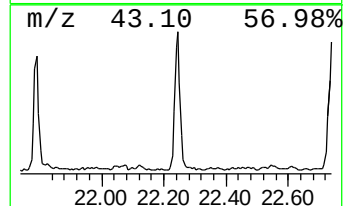
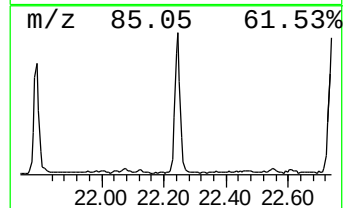
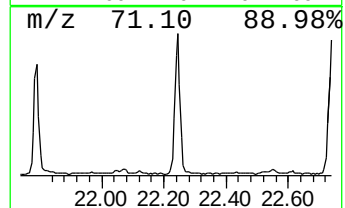
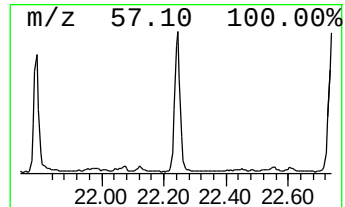
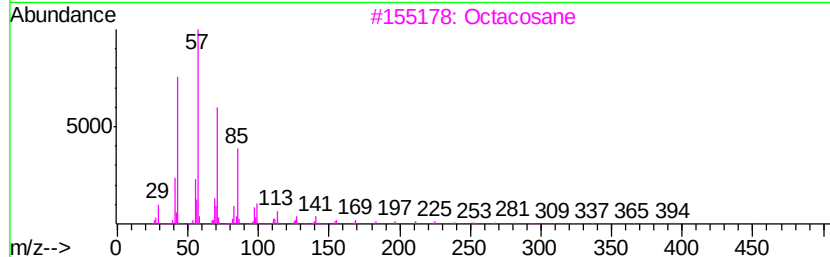
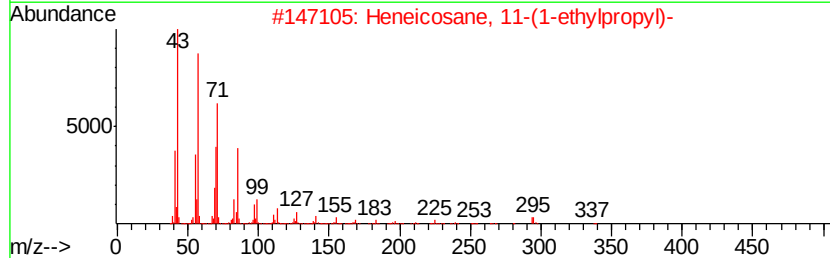
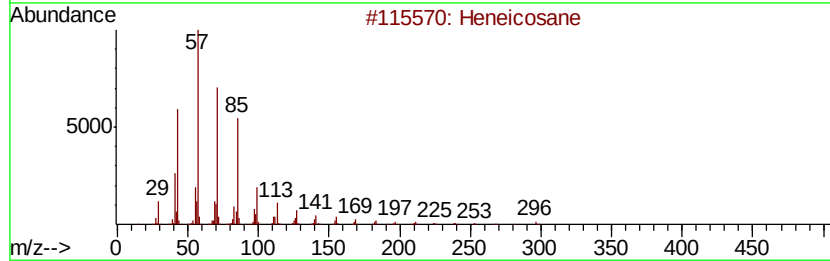
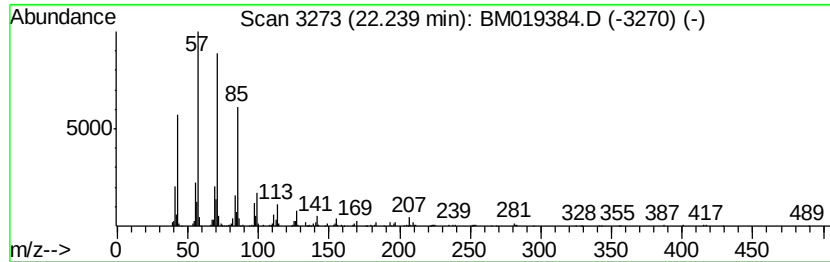
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.25 ng/ul	446991	Chrysene-d12	21.23

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		Octacosane	394	C28H58	000630-02-4	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019384.D
Acq On : 24 Mar 2019 10:23
Operator : JU/SJ
Sample : K2031-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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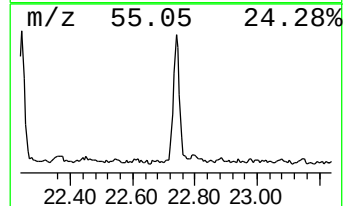
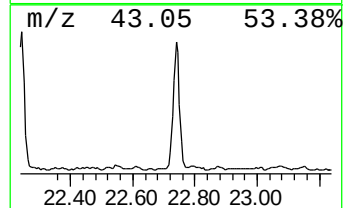
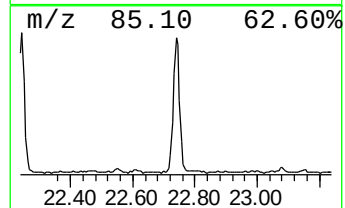
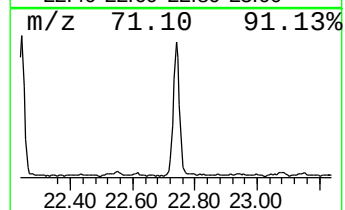
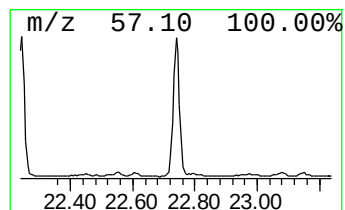
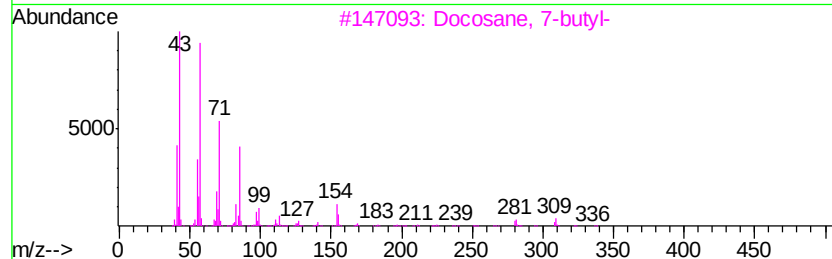
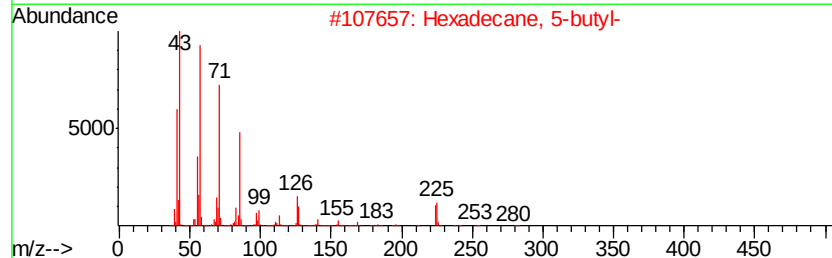
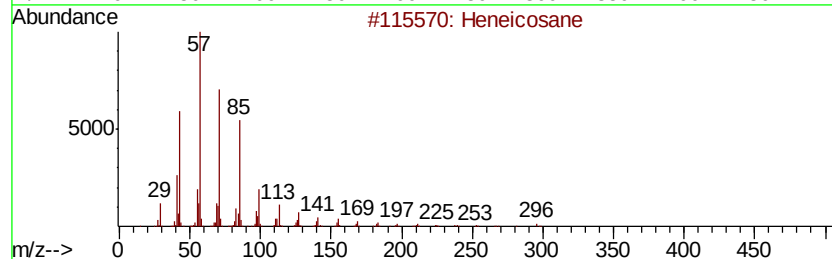
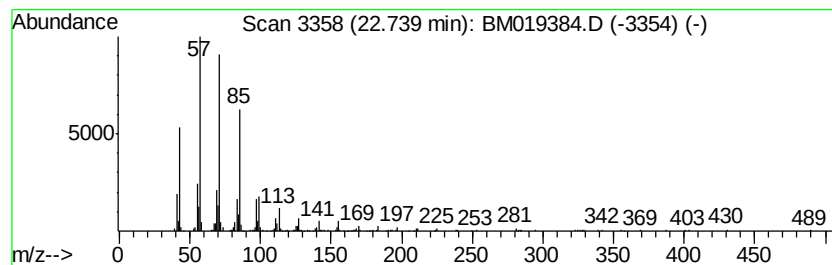
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Quant Title : SVOA CALIBRATION

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.
22.74	3.49 ng/ul	489061	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
3		Docosane, 7-butyl-	366	C26H54	055282-15-0	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019384.D
Acq On : 24 Mar 2019 10:23
Operator : JU/SJ
Sample : K2031-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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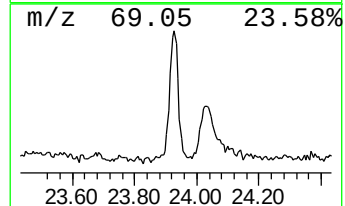
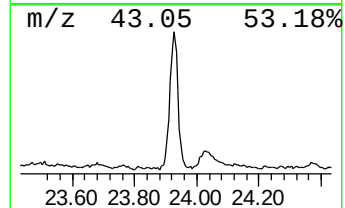
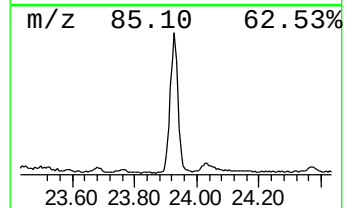
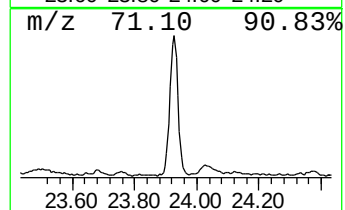
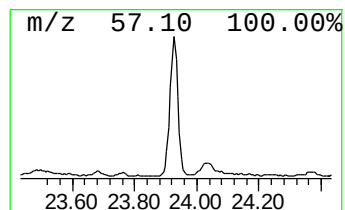
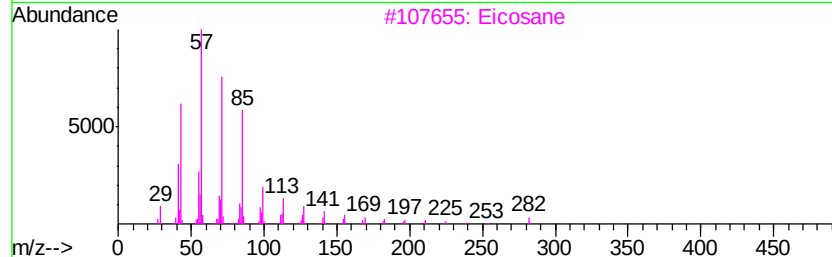
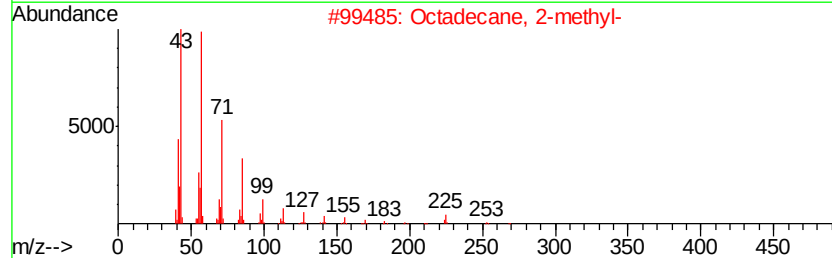
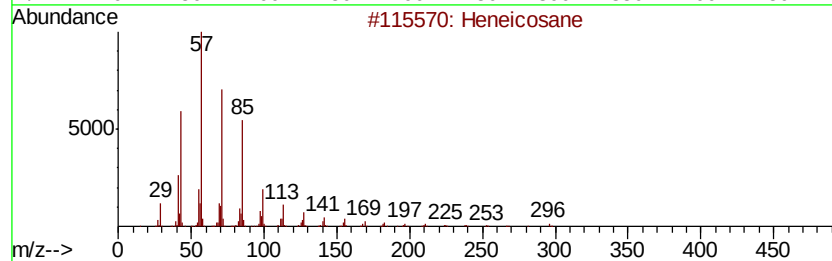
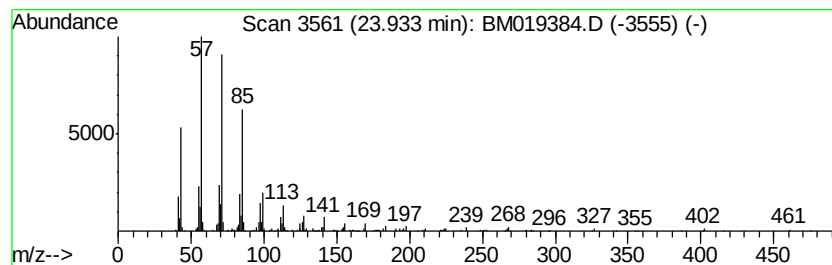
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	3.56 ng/ul	498107	Perylene-d12	23.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019384.D
Acq On : 24 Mar 2019 10:23
Operator : JU/SJ
Sample : K2031-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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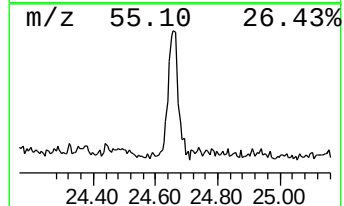
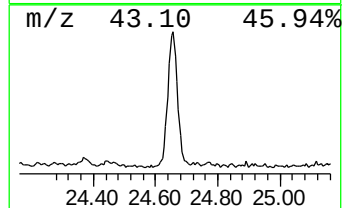
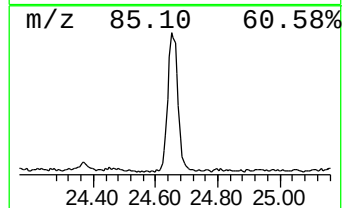
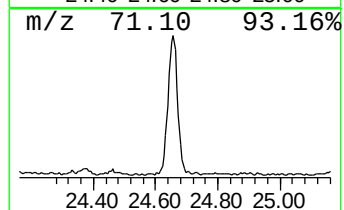
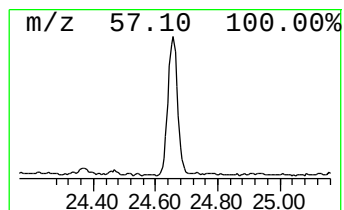
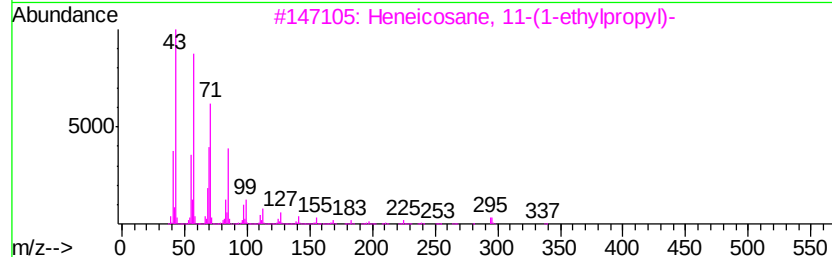
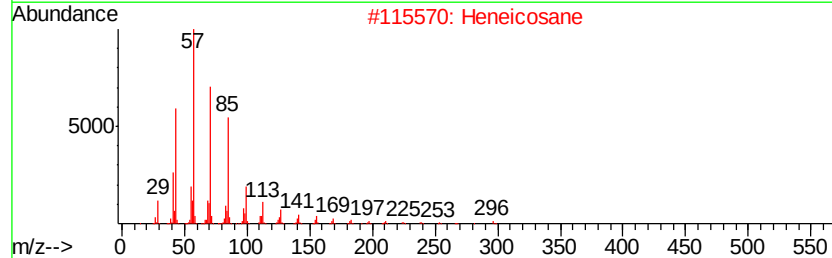
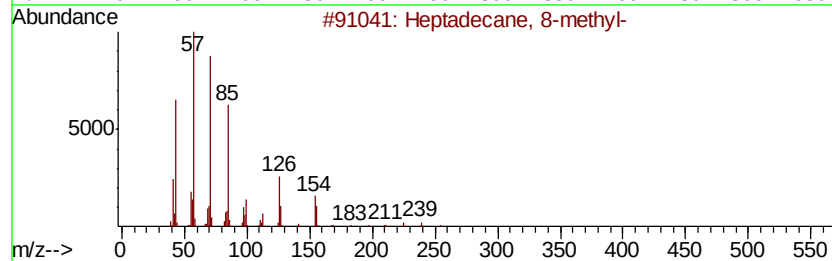
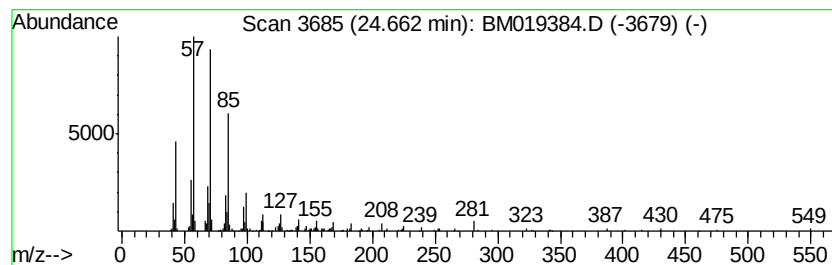
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Quant Title : SVOA CALIBRATION

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.
24.66	2.79 ng/ul	390364	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5		triacontane	422	C30H62	000638-68-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
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Operator : JU/SJ
Sample : K2031-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.4	ng/ul	256430	4	17.02	2129560	20.0
Decane, 1,1'-oxybis-	20.93	4.4	ng/ul	604974	5	21.23	2753140	20.0
(DEL) Alkane: Str...	21.36	2.1	ng/ul	295228	5	21.23	2753140	20.0
(DEL) Alkane: Str...	21.79	2.5	ng/ul	338443	5	21.23	2753140	20.0
(DEL) Alkane: Str...	22.24	3.3	ng/ul	446991	5	21.23	2753140	20.0
(DEL) Alkane: Str...	22.74	3.5	ng/ul	489061	6	23.44	2800930	20.0
(DEL) Alkane: Str...	23.93	3.6	ng/ul	498107	6	23.44	2800930	20.0
(DEL) Alkane: Str...	24.66	2.8	ng/ul	390364	6	23.44	2800930	20.0