

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM018005.D
 Acq On : 07 Dec 2018 18:24
 Operator : JU/SJ
 Sample : J6077-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y39

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-BM111918MA.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	3.163	26	30	39	rBV	28900	42149	1.38%	0.138%
2	3.446	75	78	83	rBV4	5495	10613	0.35%	0.035%
3	3.516	87	90	93	rVB3	3567	4752	0.16%	0.016%
4	3.816	138	141	144	rBV4	3886	4594	0.15%	0.015%
5	3.887	151	153	158	rVB4	4023	5815	0.19%	0.019%
6	3.940	158	162	163	rBV2	3357	4380	0.14%	0.014%
7	4.175	198	202	207	rVV4	8552	14518	0.48%	0.048%
8	4.381	233	237	239	rBV4	1860	3116	0.10%	0.010%
9	6.098	526	529	533	rVB4	2234	3365	0.11%	0.011%
10	6.745	633	639	657	rBV2	435385	905800	29.75%	2.974%
11	6.910	660	667	681	rVB	379965	620799	20.39%	2.039%
12	7.093	692	698	710	rBV	520375	871353	28.62%	2.861%
13	7.557	770	777	786	rVV	465747	785991	25.81%	2.581%
14	7.640	789	791	793	rVB3	4545	3505	0.12%	0.012%
15	8.269	891	898	914	rBV	537459	989383	32.49%	3.249%
16	8.710	966	973	986	rBV	460540	786431	25.83%	2.582%
17	9.092	1036	1038	1044	rVB2	8495	11655	0.38%	0.038%
18	9.422	1087	1094	1105	rBV	373038	667376	21.92%	2.192%
19	9.957	1178	1185	1194	rBV	487666	911004	29.92%	2.992%
20	10.322	1240	1247	1257	rBV	614097	1032925	33.92%	3.392%
21	10.481	1267	1274	1300	rBV	368575	953177	31.30%	3.130%
22	11.969	1521	1527	1533	rVB3	6129	11341	0.37%	0.037%
23	13.627	1802	1809	1814	rBV	898678	1392216	45.72%	4.572%
24	13.674	1814	1817	1829	rVB	137997	222925	7.32%	0.732%
25	13.892	1848	1854	1868	rBV	1180549	1775885	58.32%	5.832%
26	14.204	1900	1907	1919	rVV2	773044	1214891	39.90%	3.989%
27	14.457	1945	1950	1964	rBV2	112581	362264	11.90%	1.190%
28	15.010	2042	2044	2048	rVB4	3097	3771	0.12%	0.012%
29	15.074	2048	2055	2058	rBV5	5524	11705	0.38%	0.038%
30	15.204	2070	2077	2091	rBV	1426570	2186088	71.79%	7.179%
31	15.351	2096	2102	2114	rVV2	317929	544001	17.87%	1.786%
32	15.451	2116	2119	2128	rVB2	19151	34182	1.12%	0.112%
33	15.792	2174	2177	2178	rVB3	3499	3302	0.11%	0.011%
34	15.933	2198	2201	2205	rBV4	4049	4528	0.15%	0.015%

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35	16.345	2269	2271	2276	rVB3	4315	5709	0.19%	0.019%
36	16.392	2276	2279	2281	rBV3	2744	4158	0.14%	0.014%
37	16.745	2337	2339	2343	rVB4	4610	5638	0.19%	0.019%
38	16.962	2369	2376	2385	rBV	930282	1336509	43.89%	4.389%
39	17.062	2387	2393	2411	rVV	1456615	2267946	74.48%	7.448%
40	17.204	2414	2417	2420	rVV4	4046	5656	0.19%	0.019%
41	17.274	2427	2429	2435	rVB5	3781	4474	0.15%	0.015%
42	17.874	2524	2531	2543	rBV3	71100	152000	4.99%	0.499%
43	18.157	2577	2579	2582	rVV4	4316	5321	0.17%	0.017%
44	18.539	2642	2644	2647	rBV3	3348	4337	0.14%	0.014%
45	18.751	2678	2680	2684	rBV4	2934	4329	0.14%	0.014%
46	18.809	2687	2690	2694	rVB4	8569	10020	0.33%	0.033%
47	19.009	2719	2724	2727	rBV2	10651	19614	0.64%	0.064%
48	19.104	2737	2740	2741	rBV2	4021	3579	0.12%	0.012%
49	19.168	2747	2751	2755	rBV5	31969	44496	1.46%	0.146%
50	19.256	2762	2766	2772	rBV3	15127	22187	0.73%	0.073%
51	19.309	2773	2775	2779	rVB3	11028	11809	0.39%	0.039%
52	19.368	2779	2785	2795	rBV	1863815	2583113	84.83%	8.482%
53	19.856	2863	2868	2871	rBV6	6720	16320	0.54%	0.054%
54	19.933	2878	2881	2888	rVB3	19876	23840	0.78%	0.078%
55	20.374	2954	2956	2959	rBV5	13252	10819	0.36%	0.036%
56	20.433	2963	2966	2969	rBV3	49352	49573	1.63%	0.163%
57	20.903	3042	3046	3051	rBV	118229	157169	5.16%	0.516%
58	21.180	3088	3093	3105	rBV	1063818	1615496	53.06%	5.305%
59	21.339	3117	3120	3124	rBV	92359	90567	2.97%	0.297%
60	21.768	3189	3193	3197	rBV2	101666	126717	4.16%	0.416%
61	22.215	3265	3269	3274	rBV	138543	181921	5.97%	0.597%
62	22.697	3348	3351	3358	rVB	140202	195193	6.41%	0.641%
63	23.215	3432	3439	3455	rBV	1528391	3044919	100.00%	9.999%
64	23.356	3457	3463	3475	rVB	831278	1650371	54.20%	5.420%
65	23.856	3544	3548	3554	rVB2	129577	215579	7.08%	0.708%
66	24.562	3665	3668	3675	rVB2	104611	183142	6.01%	0.601%

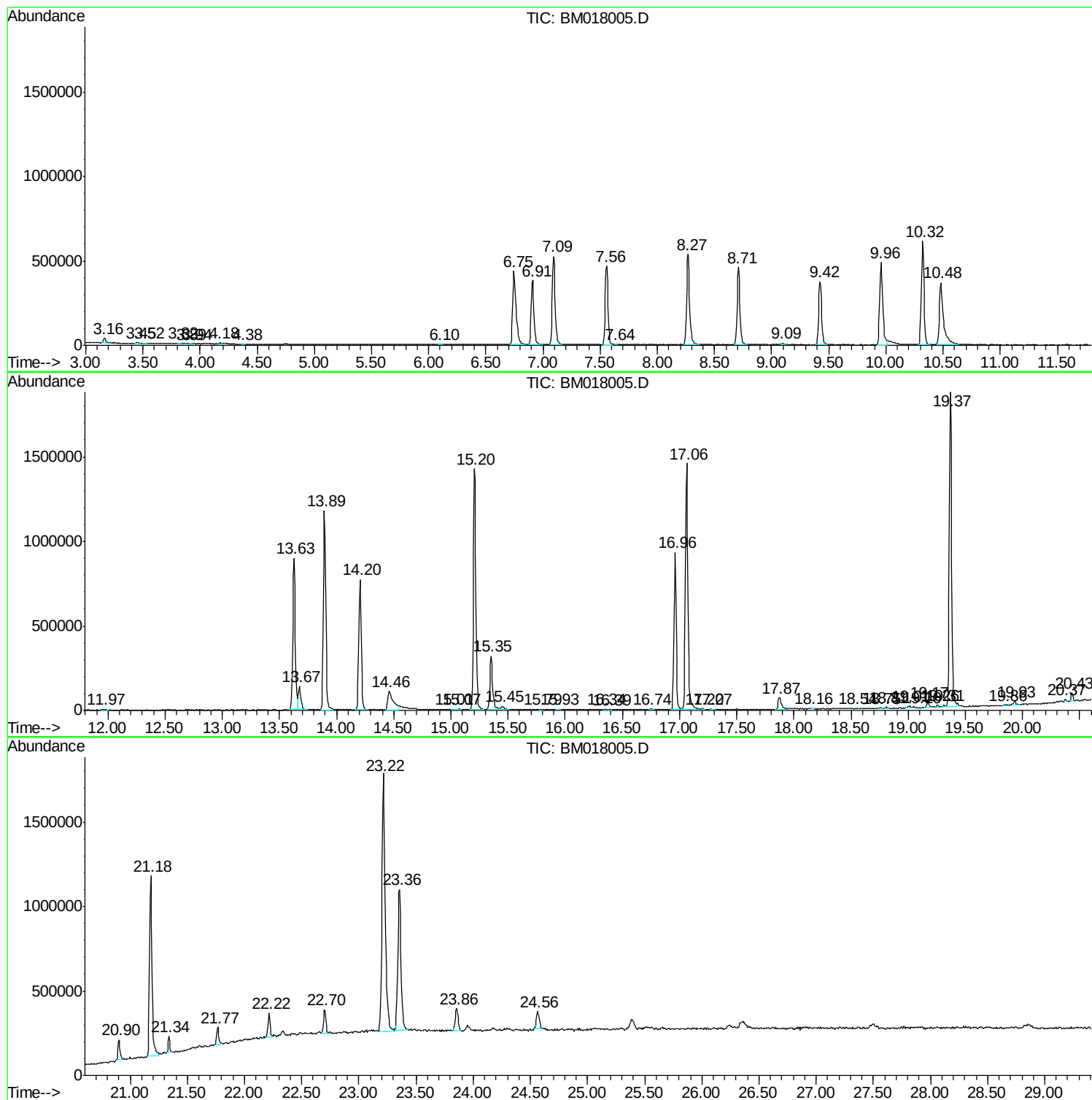
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Quant Title : SVOA CALIBRATION

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



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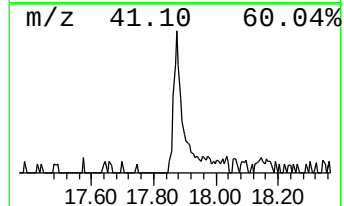
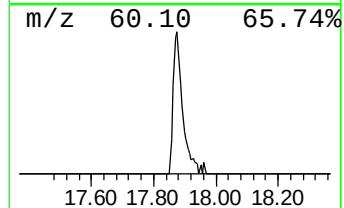
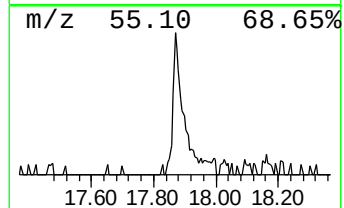
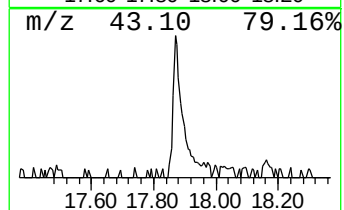
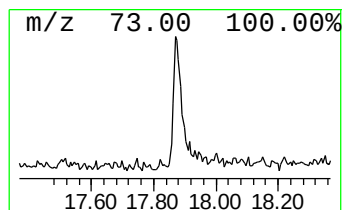
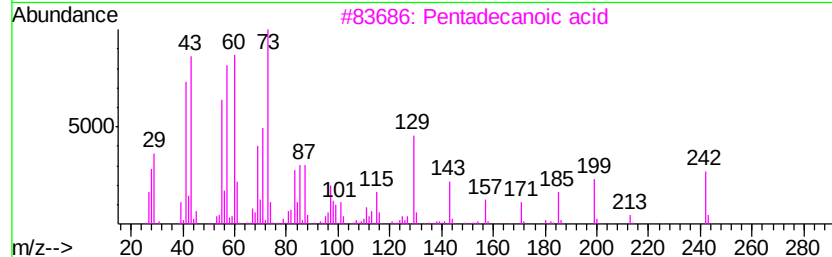
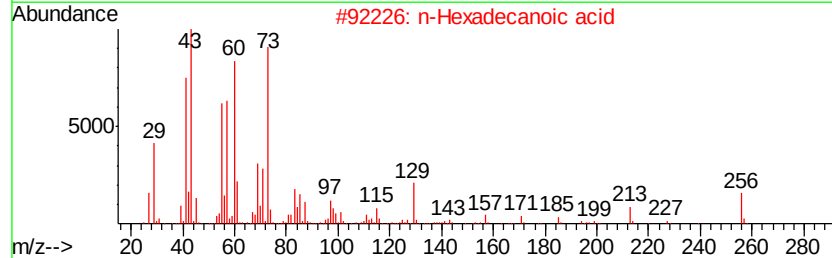
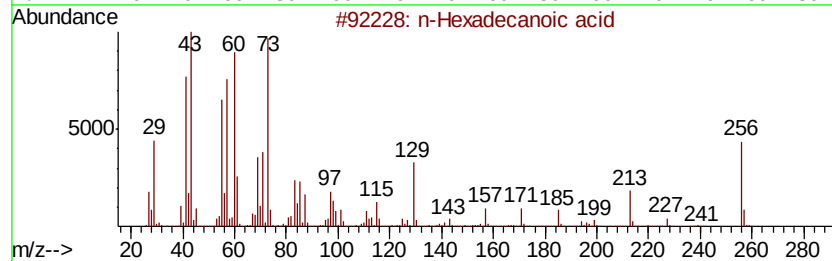
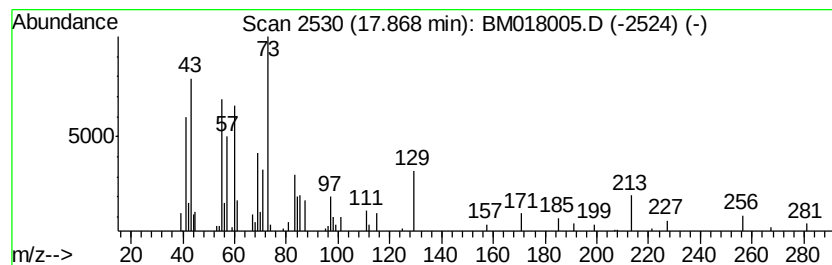
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.27 ng/ul	152000	Phenanthrene-d10		16.96	
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	91	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	



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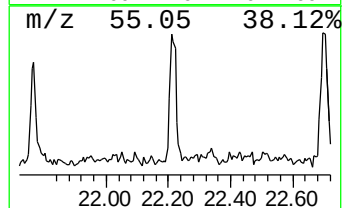
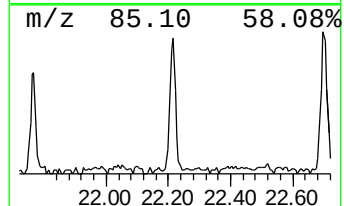
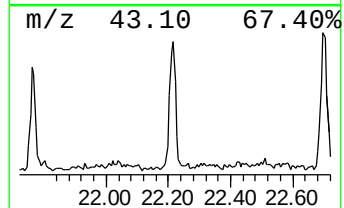
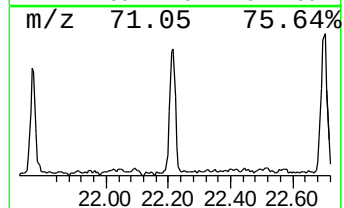
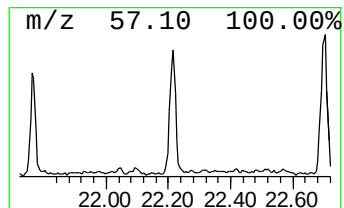
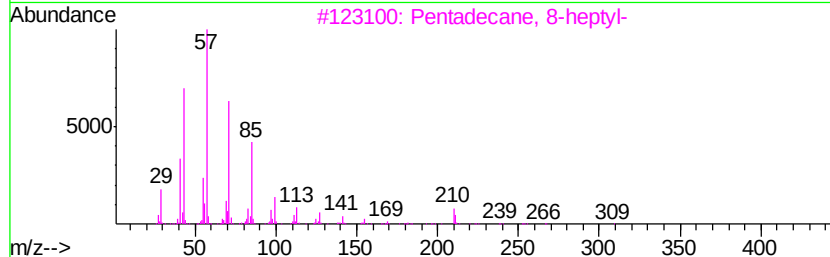
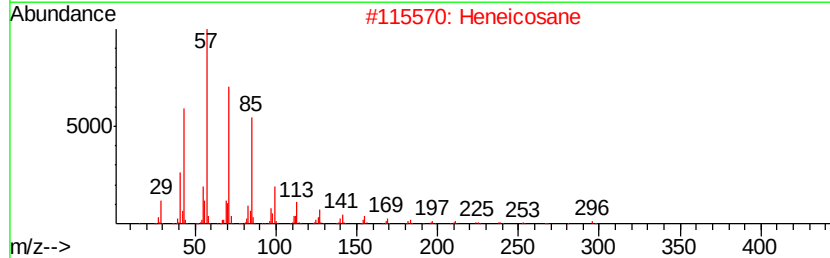
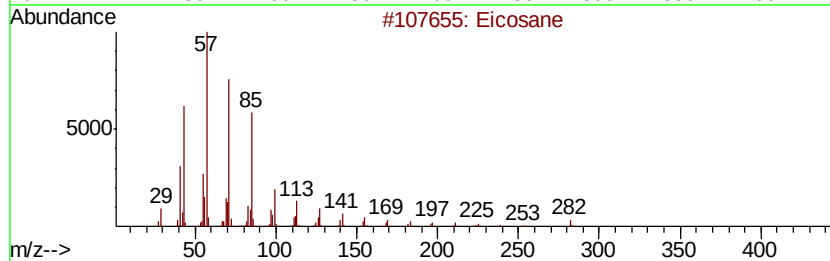
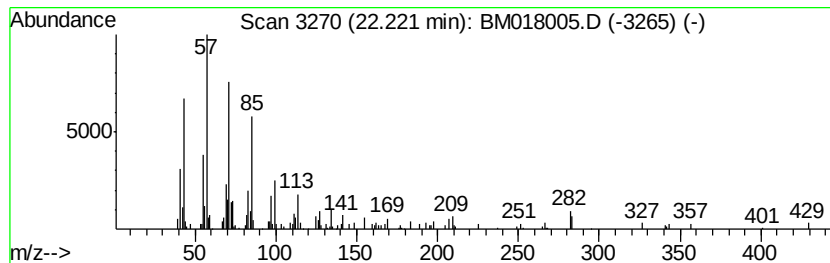
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.25 ng/ul	181921	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Eicosane	282	C20H42	000112-95-8	87



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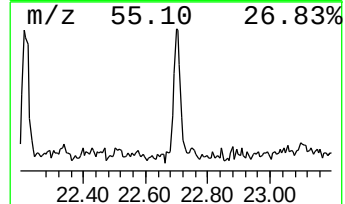
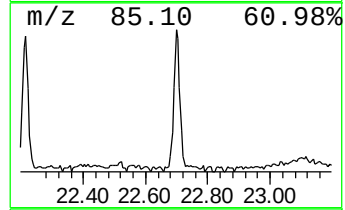
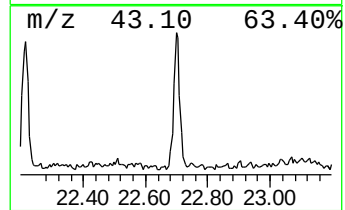
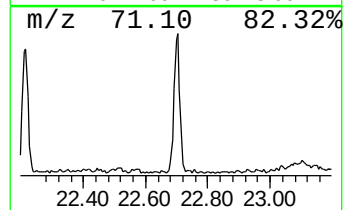
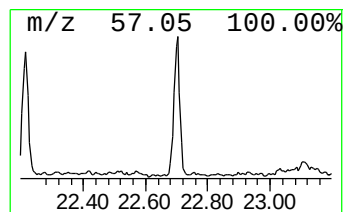
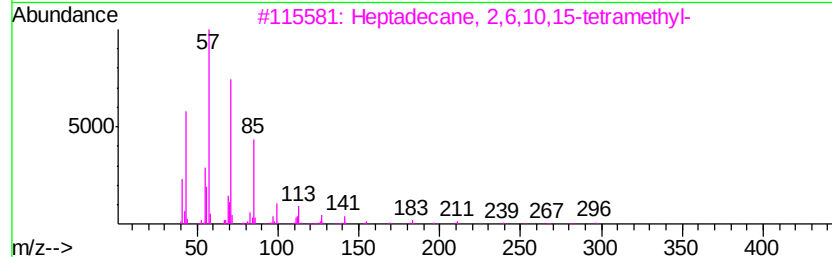
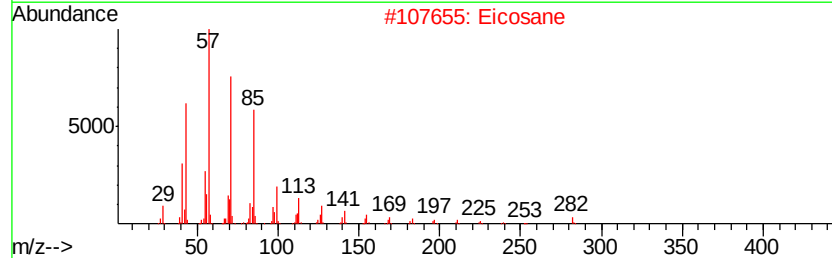
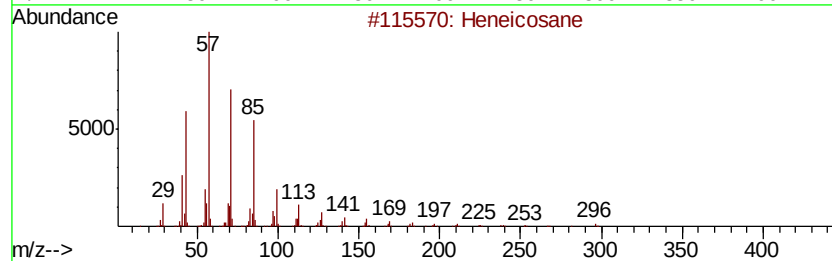
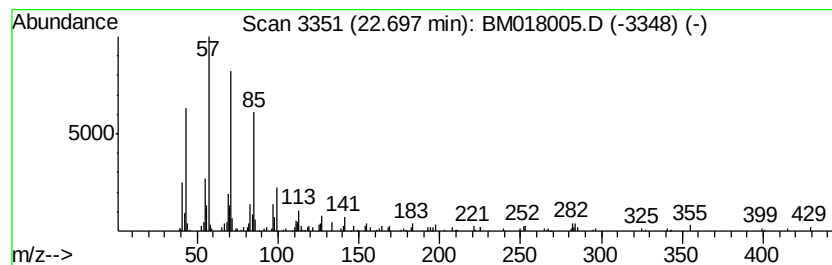
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.37 ng/ul	195193	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	99
2		Eicosane	282	C20H42	000112-95-8	96
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5		Heneicosane	296	C21H44	000629-94-7	87



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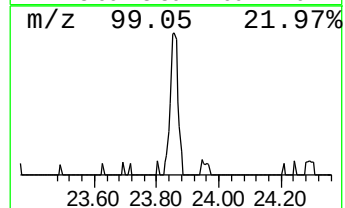
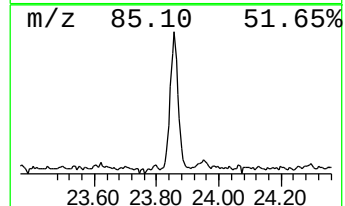
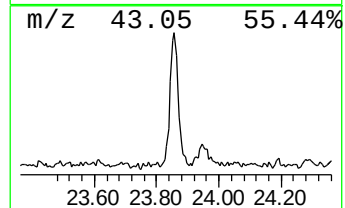
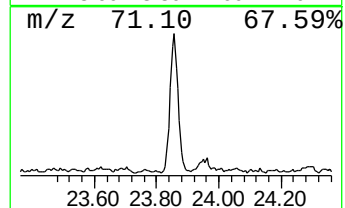
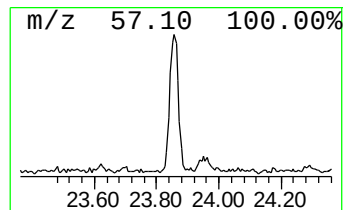
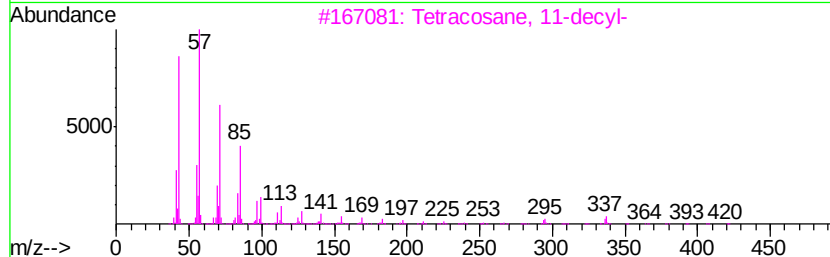
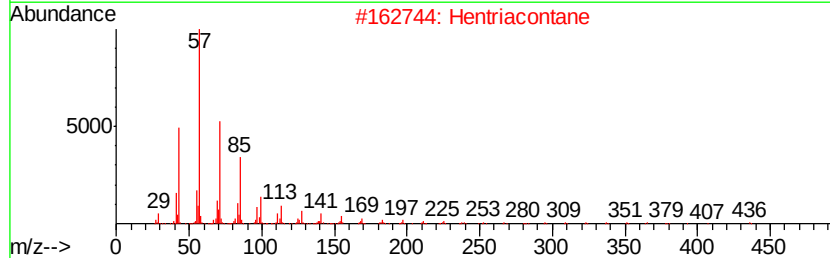
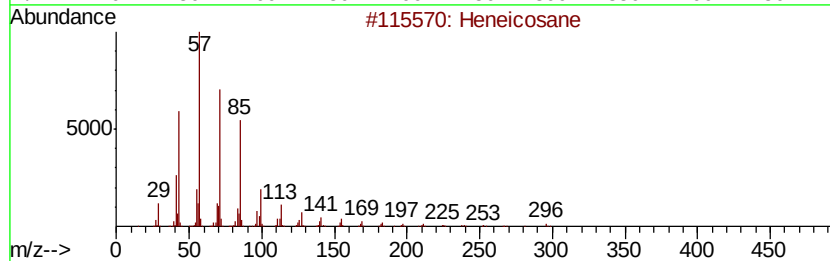
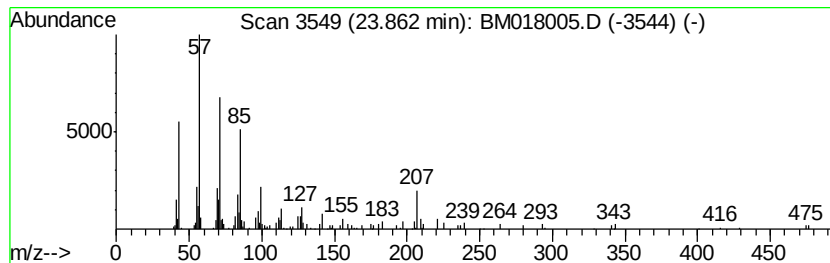
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.61 ng/ul	215579	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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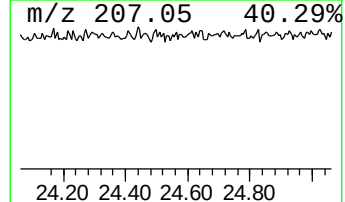
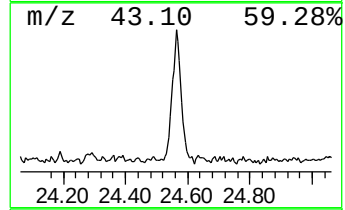
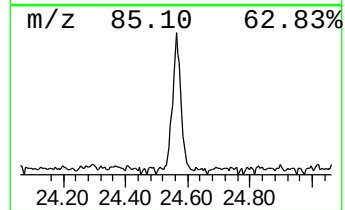
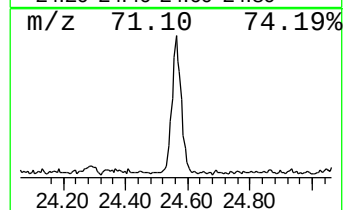
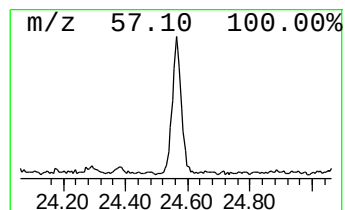
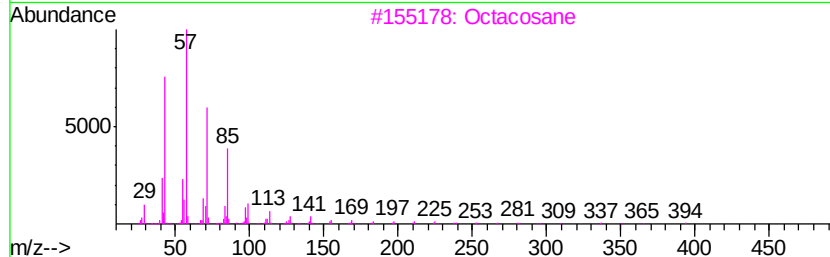
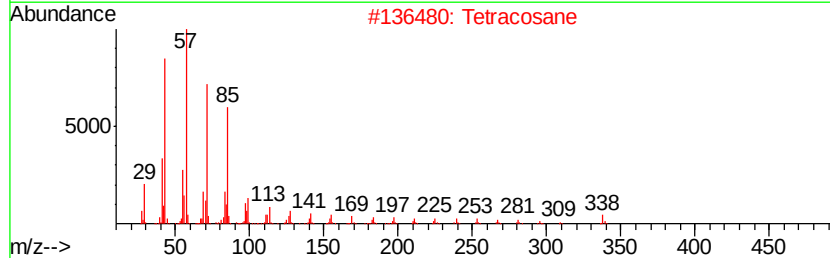
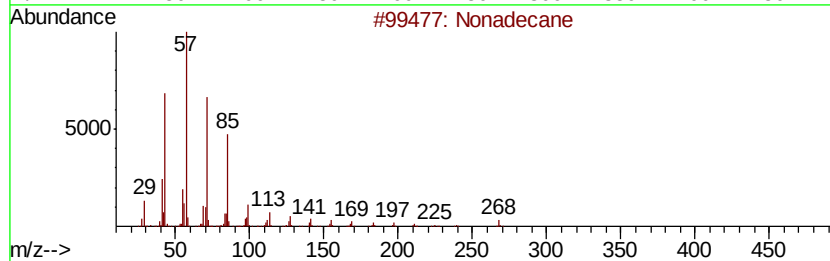
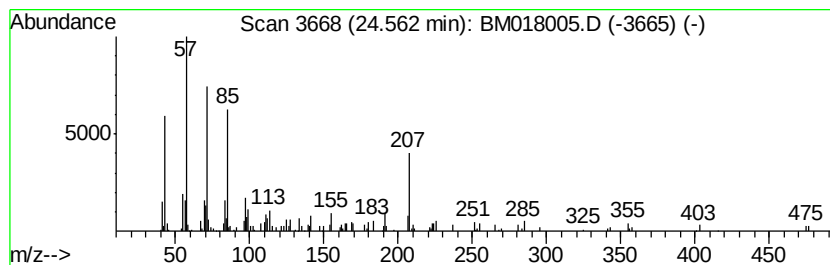
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	2.22 ng/ul	183142	Perylene-d12	23.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Tetracosane		338	C24H50	000646-31-1	58
3	Octacosane		394	C28H58	000630-02-4	53
4	Tetratriacontane		479	C34H70	014167-59-0	53
5	Nonacosane		408	C29H60	000630-03-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM018005.D
Acq On : 07 Dec 2018 18:24
Operator : JU/SJ
Sample : J6077-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	2.3	ng/ul	152000	4	16.96	1336510	20.0
(DEL) Alkane: Str...	22.22	2.3	ng/ul	181921	5	21.18	1615500	20.0
(DEL) Alkane: Str...	22.70	2.4	ng/ul	195193	6	23.36	1650370	20.0
(DEL) Alkane: Str...	23.86	2.6	ng/ul	215579	6	23.36	1650370	20.0
(DEL) Alkane: Str...	24.56	2.2	ng/ul	183142	6	23.36	1650370	20.0