

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
 Data File : BM018014.D
 Acq On : 08 Dec 2018 12:23
 Operator : JU/SJ
 Sample : J6077-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y35

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	3.158	26	29	36	rVB2	36249	51168	1.54%	0.144%
2	3.440	74	77	78	rBV2	5408	5707	0.17%	0.016%
3	4.558	264	267	272	rVB4	3271	3999	0.12%	0.011%
4	4.752	295	300	305	rVV4	14249	24534	0.74%	0.069%
5	4.811	305	310	313	rVB6	5489	8632	0.26%	0.024%
6	5.034	344	348	350	rVB4	4458	4457	0.13%	0.013%
7	5.534	428	433	437	rVB3	2584	4896	0.15%	0.014%
8	6.063	521	523	529	rBV5	5170	8626	0.26%	0.024%
9	6.122	529	533	538	rVB6	8386	11196	0.34%	0.032%
10	6.205	540	547	548	rVV4	5041	8409	0.25%	0.024%
11	6.228	548	551	554	rVV4	7618	10446	0.31%	0.029%
12	6.687	623	629	633	rBV4	7441	10479	0.32%	0.030%
13	6.740	633	638	653	rBV2	480770	1006860	30.33%	2.835%
14	6.905	660	666	679	rVB	448375	695714	20.96%	1.959%
15	7.028	686	687	691	rBV4	4660	4313	0.13%	0.012%
16	7.093	691	698	709	rVB	595947	981793	29.58%	2.764%
17	7.552	770	776	786	rVV	533746	883374	26.61%	2.487%
18	7.628	786	789	792	rVB3	4739	5388	0.16%	0.015%
19	8.087	862	867	875	rBV5	3364	8198	0.25%	0.023%
20	8.263	889	897	909	rBV	630862	1145733	34.51%	3.226%
21	8.346	909	911	917	rVB4	7668	12473	0.38%	0.035%
22	8.604	952	955	956	rBV3	3807	4080	0.12%	0.011%
23	8.634	958	960	964	rVB2	6591	8681	0.26%	0.024%
24	8.710	964	973	987	rBV	511393	915118	27.57%	2.577%
25	9.093	1034	1038	1042	rVB3	10816	15122	0.46%	0.043%
26	9.169	1047	1051	1055	rVB4	3699	5899	0.18%	0.017%
27	9.240	1057	1063	1066	rBV4	5099	8878	0.27%	0.025%
28	9.422	1087	1094	1103	rBV	448213	783582	23.61%	2.206%
29	9.734	1140	1147	1150	rBV4	9906	16182	0.49%	0.046%
30	9.957	1178	1185	1196	rBV	576016	1102781	33.22%	3.105%
31	10.322	1239	1247	1256	rVV	715956	1193380	35.95%	3.360%
32	10.381	1256	1257	1261	rVB4	5066	4908	0.15%	0.014%
33	10.422	1261	1264	1266	rBV4	3272	3729	0.11%	0.010%
34	10.475	1266	1273	1302	rBV	446256	1096987	33.05%	3.089%

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35	10.793	1322	1327	1331	rVB4	2955	4698	0.14%	0.013%
36	10.975	1357	1358	1361	rVV2	2853	3724	0.11%	0.010%
37	11.016	1361	1365	1370	rVV4	5466	9824	0.30%	0.028%
38	11.345	1417	1421	1428	rBV5	9320	20350	0.61%	0.057%
39	11.745	1483	1489	1494	rBV4	5114	10076	0.30%	0.028%
40	11.881	1509	1512	1518	rVB3	2959	4573	0.14%	0.013%
41	11.945	1518	1523	1524	rBV2	6439	8284	0.25%	0.023%
42	12.245	1572	1574	1578	rVB3	3514	3659	0.11%	0.010%
43	12.463	1607	1611	1614	rBV3	2962	4149	0.12%	0.012%
44	12.722	1652	1655	1662	rVB4	10564	16046	0.48%	0.045%
45	12.804	1665	1669	1675	rVB3	2126	3645	0.11%	0.010%
46	13.034	1705	1708	1712	rBV4	4468	7223	0.22%	0.020%
47	13.175	1728	1732	1736	rVB4	3302	5464	0.16%	0.015%
48	13.522	1786	1791	1796	rBV4	4255	8463	0.25%	0.024%
49	13.581	1796	1801	1802	rBV3	3258	3907	0.12%	0.011%
50	13.622	1802	1808	1814	rVV	1023391	1634760	49.25%	4.603%
51	13.675	1814	1817	1825	rVB	139989	220663	6.65%	0.621%
52	13.892	1847	1854	1869	rBV	1356473	2032877	61.24%	5.724%
53	14.116	1888	1892	1897	rBV4	3395	5641	0.17%	0.016%
54	14.204	1899	1907	1917	rBV2	924743	1432635	43.16%	4.034%
55	14.451	1943	1949	1966	rBV	141757	477498	14.38%	1.344%
56	14.739	1994	1998	2002	rVB6	6720	10784	0.32%	0.030%
57	14.886	2021	2023	2030	rVB5	2444	4100	0.12%	0.012%
58	14.951	2030	2034	2037	rBV4	3559	4960	0.15%	0.014%
59	15.016	2042	2045	2048	rBV3	4107	3707	0.11%	0.010%
60	15.063	2051	2053	2060	rVB4	7364	11877	0.36%	0.033%
61	15.204	2071	2077	2093	rBV	1634477	2515883	75.79%	7.084%
62	15.345	2096	2101	2113	rBV	390551	660487	19.90%	1.860%
63	15.451	2115	2119	2121	rBV3	15507	17677	0.53%	0.050%
64	15.780	2170	2175	2178	rBV2	3684	5737	0.17%	0.016%
65	15.886	2190	2193	2196	rVV4	2247	3755	0.11%	0.011%
66	15.945	2198	2203	2204	rVV2	8727	12018	0.36%	0.034%
67	15.986	2208	2210	2214	rVB3	3280	4070	0.12%	0.011%
68	16.110	2227	2231	2235	rBV3	4464	5163	0.16%	0.015%
69	16.286	2257	2261	2263	rVV2	3235	4743	0.14%	0.013%
70	16.345	2263	2271	2273	rVB6	5588	9703	0.29%	0.027%
71	16.745	2332	2339	2341	rBV3	6975	13590	0.41%	0.038%

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72	16.775	2341	2344	2345	rVV2	6733	8371	0.25%	0.024%
73	16.957	2369	2375	2386	rVV2	1132531	1607075	48.41%	4.525%
74	17.057	2386	2392	2413	rVB2	1654105	2614784	78.77%	7.362%
75	17.751	2508	2510	2514	rVB4	4278	4998	0.15%	0.014%
76	17.874	2526	2531	2539	rBV2	91341	173821	5.24%	0.489%
77	17.945	2541	2543	2544	rVV2	6675	5345	0.16%	0.015%
78	17.969	2545	2547	2549	rVV2	5194	3851	0.12%	0.011%
79	17.992	2549	2551	2555	rVB2	3913	4412	0.13%	0.012%
80	18.163	2576	2580	2584	rBV4	7369	9388	0.28%	0.026%
81	18.804	2686	2689	2692	rVB4	10682	12391	0.37%	0.035%
82	19.004	2719	2723	2727	rBV	16653	31072	0.94%	0.087%
83	19.168	2747	2751	2760	rBV6	29914	54283	1.64%	0.153%
84	19.257	2762	2766	2770	rVB	12802	16274	0.49%	0.046%
85	19.310	2771	2775	2779	rBV	100342	115616	3.48%	0.326%
86	19.368	2779	2785	2794	rBV	2062837	2965962	89.35%	8.351%
87	19.533	2811	2813	2816	rBV4	4182	5172	0.16%	0.015%
88	19.933	2877	2881	2884	rVB	25221	31455	0.95%	0.089%
89	20.368	2951	2955	2959	rVB	61149	63270	1.91%	0.178%
90	20.427	2962	2965	2969	rVB	51635	55186	1.66%	0.155%
91	20.898	3041	3045	3052	rBV	150638	204484	6.16%	0.576%
92	21.174	3087	3092	3108	rBV	1314420	1907942	57.48%	5.372%
93	21.333	3116	3119	3124	rBV	96389	104040	3.13%	0.293%
94	21.757	3188	3191	3197	rBV	100543	119608	3.60%	0.337%
95	22.204	3264	3267	3272	rBV2	138350	175711	5.29%	0.495%
96	22.692	3346	3350	3356	rVB	159563	211954	6.39%	0.597%
97	23.204	3431	3437	3454	rBV	1641331	3319524	100.00%	9.346%
98	23.345	3455	3461	3474	rVB2	954423	1875972	56.51%	5.282%
99	23.845	3542	3546	3553	rVB2	163010	295810	8.91%	0.833%
100	24.550	3663	3666	3673	rVB2	147877	256977	7.74%	0.724%

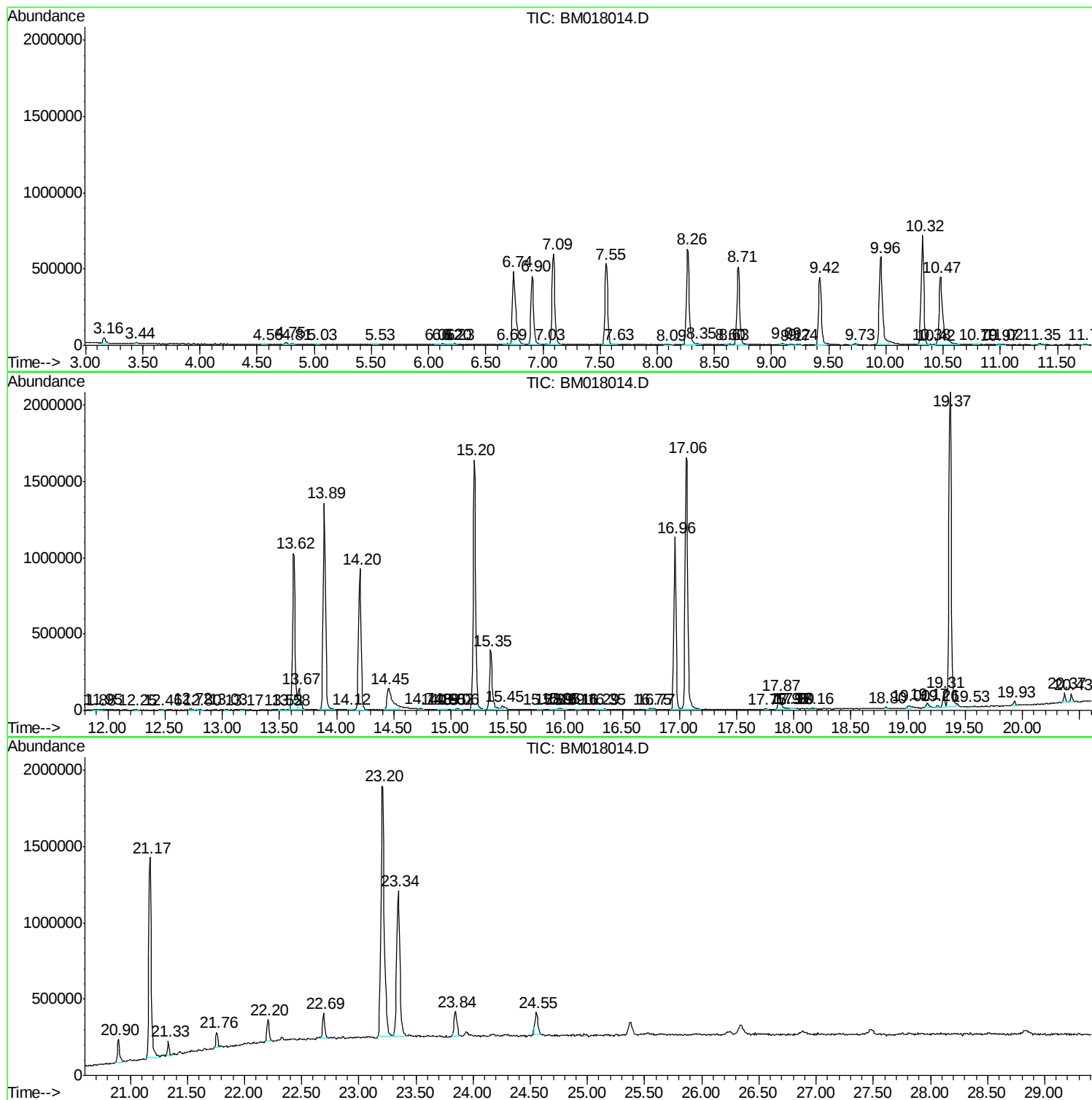
Sum of corrected areas: 35516883

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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



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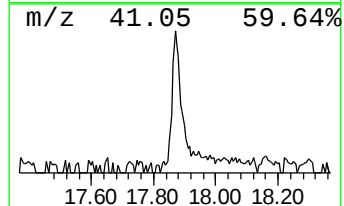
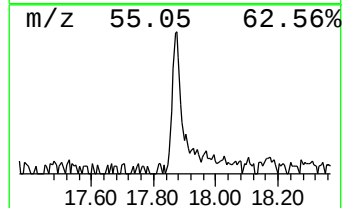
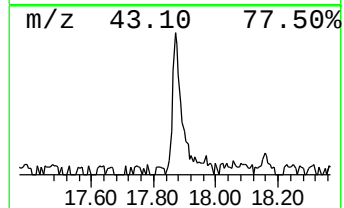
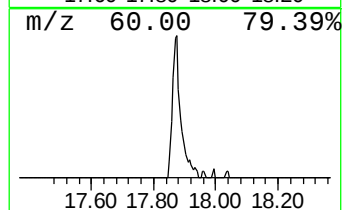
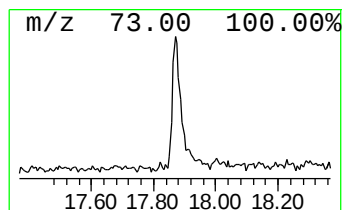
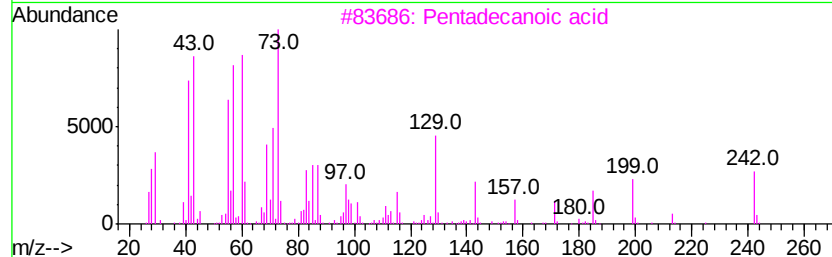
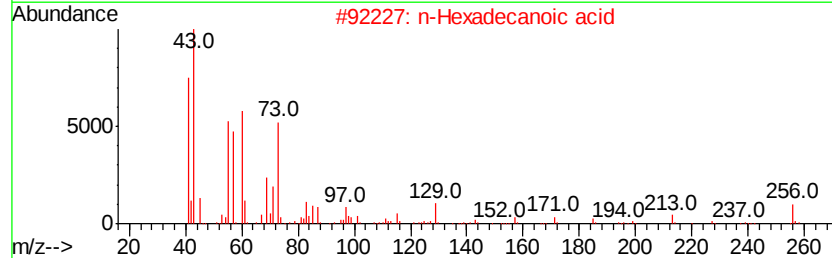
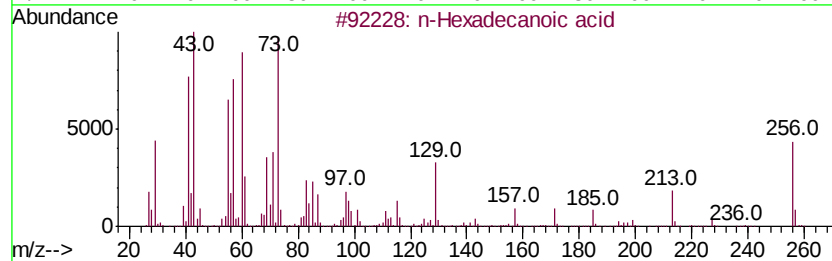
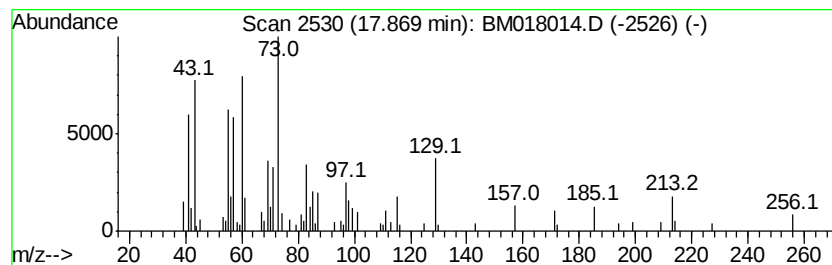
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.16 ng/ul	173821	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	95	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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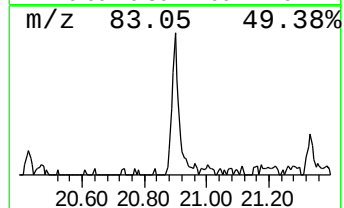
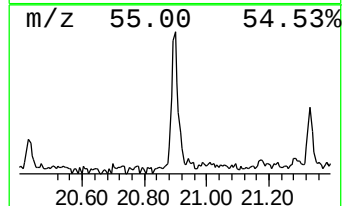
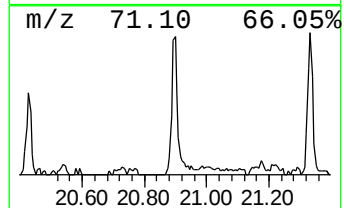
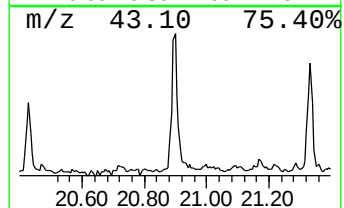
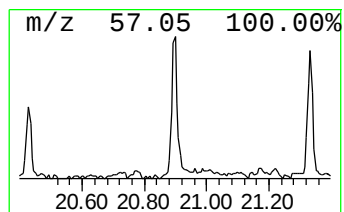
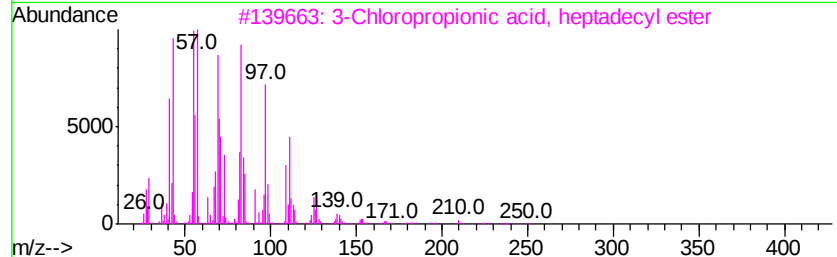
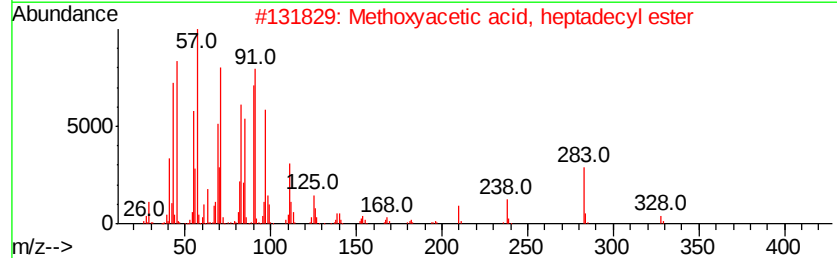
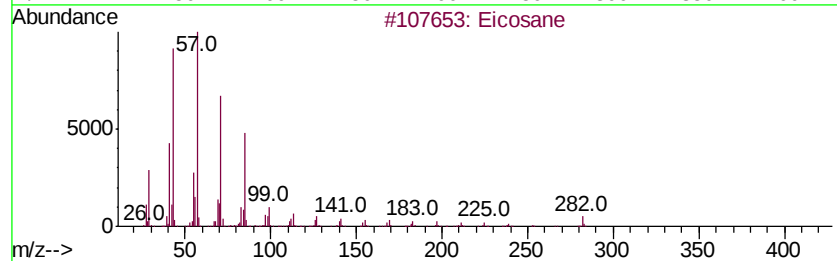
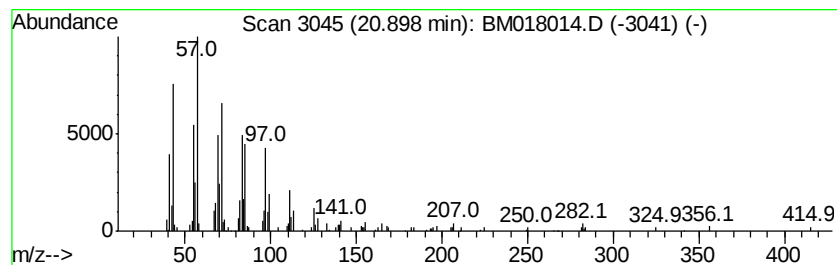
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.14 ng/ul	204484	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	83
3		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	60
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	60
5		1-Docosene	308	C22H44	001599-67-3	60



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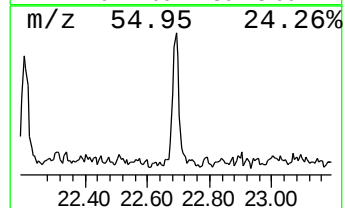
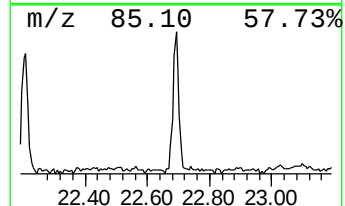
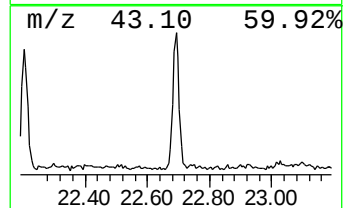
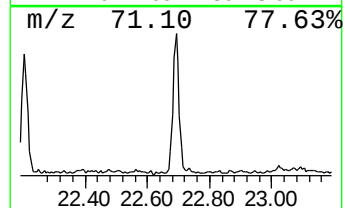
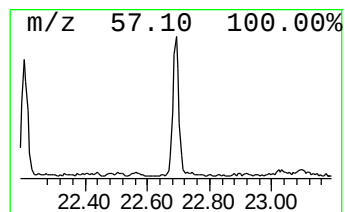
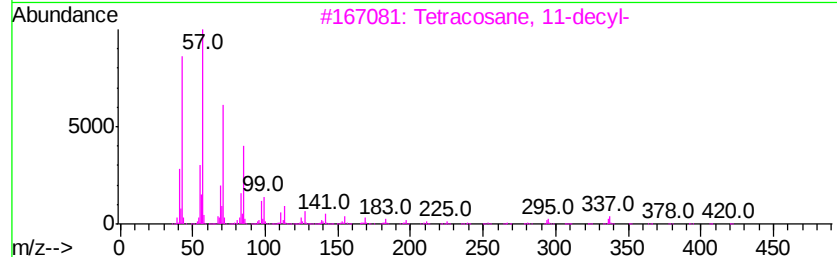
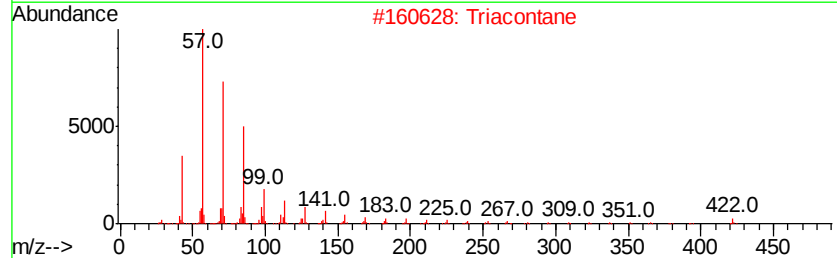
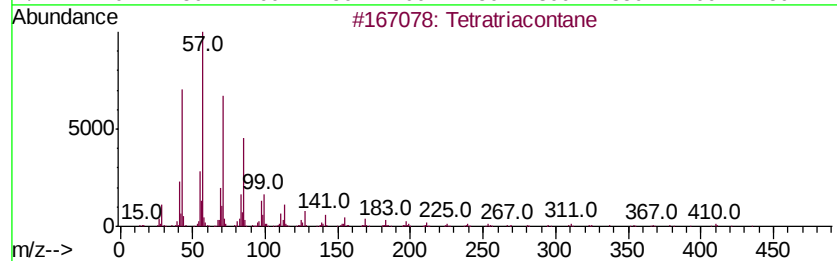
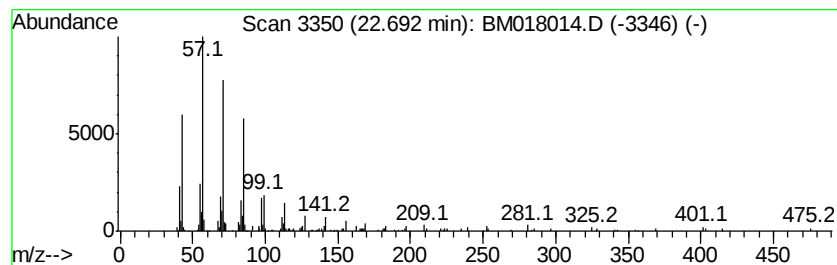
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.26 ng/ul	211954	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018014.D
Acq On : 08 Dec 2018 12:23
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F9Y35

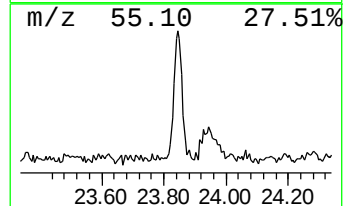
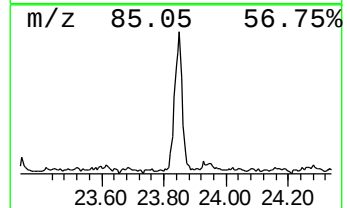
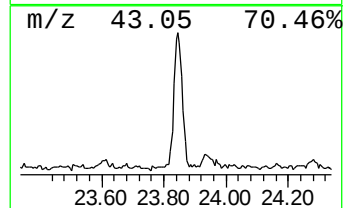
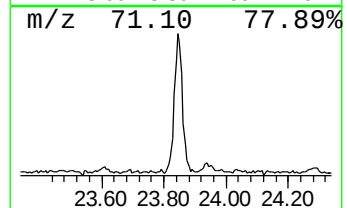
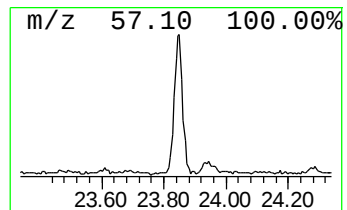
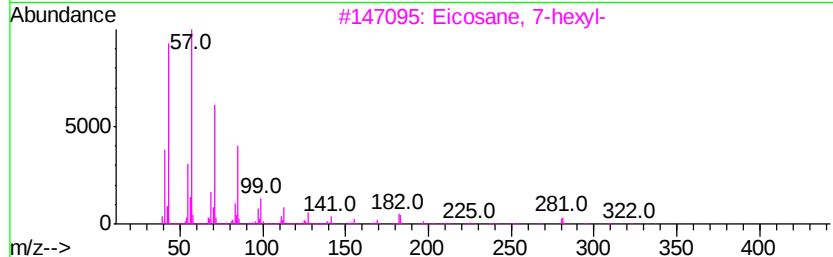
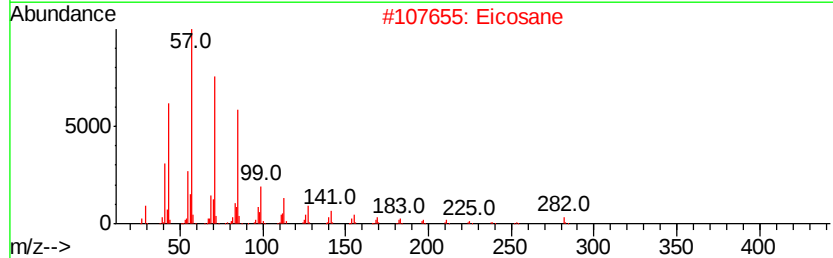
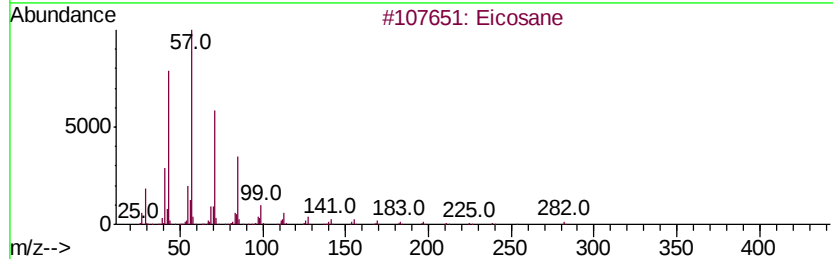
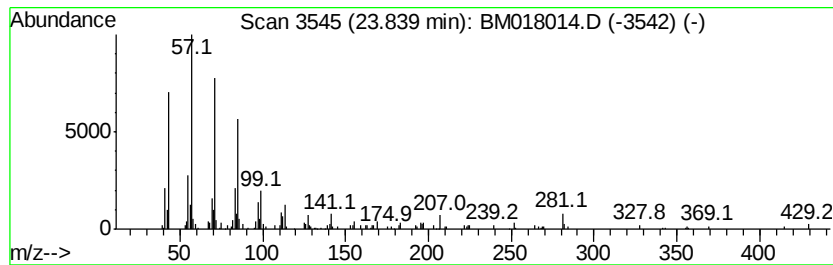
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Quant Title : SVOA CALIBRATION

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.
23.84	3.15 ng/ul	295810	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Nonacosane	408	C29H60	000630-03-5	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018014.D
Acq On : 08 Dec 2018 12:23
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y35

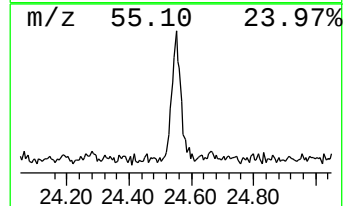
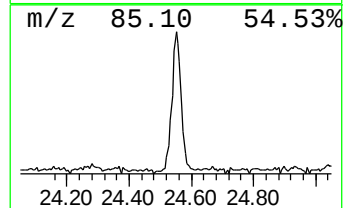
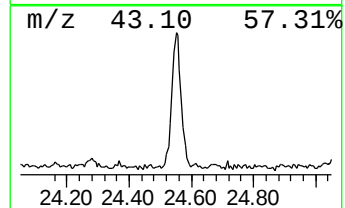
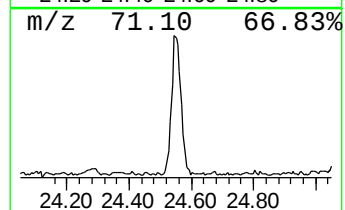
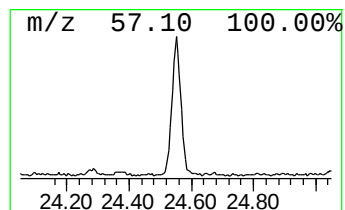
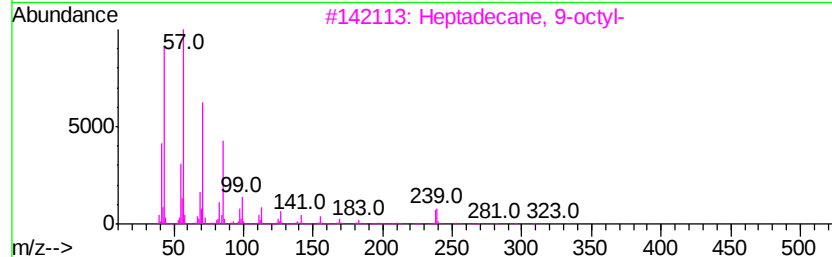
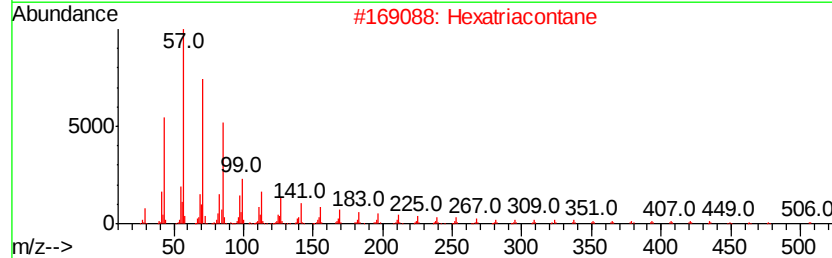
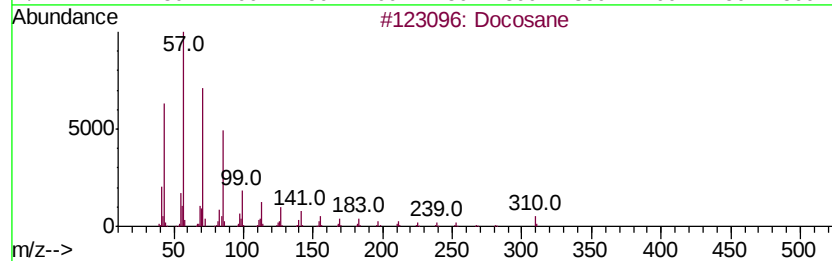
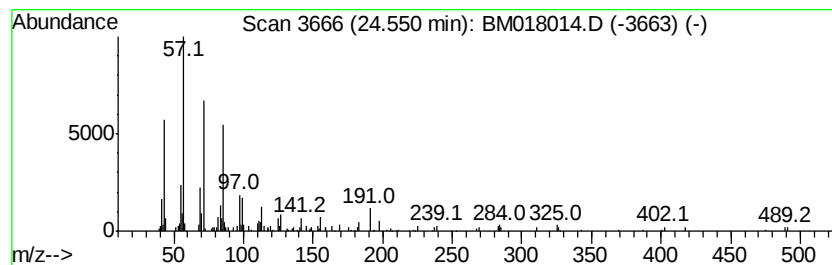
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.55	2.74 ng/ul	256977	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	74
2		Hexatriacontane	507	C36H74	000630-06-8	72
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4		Nonacosane	408	C29H60	000630-03-5	72
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120818\
Data File : BM018014.D
Acq On : 08 Dec 2018 12:23
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y35

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	2.2	ng/ul	173821	4	16.96	1607080	20.0
(DEL) Alkane: Str...	20.90	2.1	ng/ul	204484	5	21.17	1907940	20.0
(DEL) Alkane: Str...	22.69	2.3	ng/ul	211954	6	23.34	1875970	20.0
(DEL) Alkane: Str...	23.84	3.1	ng/ul	295810	6	23.34	1875970	20.0
(DEL) Alkane: Str...	24.55	2.7	ng/ul	256977	6	23.34	1875970	20.0