

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
 Data File : BM023673.D
 Acq On : 12 Nov 2019 20:14
 Operator : JU
 Sample : K5565-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNA6

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-BM111119MA.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	3.075	29	32	43	rVB	51316	88577	0.75%	0.063%
2	3.581	114	118	124	rVB	51992	74603	0.63%	0.053%
3	3.704	134	139	146	rVB	69008	118808	1.00%	0.085%
4	3.787	149	153	159	rVB2	43146	60963	0.51%	0.044%
5	4.704	305	309	313	rBV2	21980	33344	0.28%	0.024%
6	6.245	564	571	577	rBV3	30976	62202	0.52%	0.044%
7	6.728	644	653	667	rBV	1314454	2250313	18.99%	1.607%
8	6.887	674	680	691	rBV	986300	1601606	13.52%	1.144%
9	7.081	702	713	724	rBV	1302795	2119746	17.89%	1.514%
10	7.187	727	731	738	rVB7	12854	26703	0.23%	0.019%
11	7.545	784	792	802	rBV	2006563	3266875	27.57%	2.333%
12	7.628	802	806	810	rVV3	19937	34898	0.29%	0.025%
13	7.686	810	816	820	rVB2	66053	102332	0.86%	0.073%
14	7.775	825	831	834	rBV4	28467	45888	0.39%	0.033%
15	8.257	905	913	922	rBV	1593791	2575248	21.73%	1.839%
16	8.369	928	932	939	rVB	30780	54427	0.46%	0.039%
17	8.692	980	987	999	rBV	1291036	2098545	17.71%	1.499%
18	8.781	999	1002	1007	rVB6	16858	25727	0.22%	0.018%
19	9.157	1059	1066	1071	rBV	34443	55960	0.47%	0.040%
20	9.410	1102	1109	1118	rBV	1085384	1779995	15.02%	1.271%
21	9.951	1192	1201	1209	rBV	1859229	3145821	26.55%	2.247%
22	10.322	1254	1264	1270	rBV	3051693	5148361	43.45%	3.677%
23	10.463	1280	1288	1303	rBV	1285404	2314133	19.53%	1.653%
24	11.316	1429	1433	1438	rBV7	12476	26630	0.22%	0.019%
25	11.374	1438	1443	1449	rVV7	16608	34553	0.29%	0.025%
26	11.774	1506	1511	1520	rVB	32468	62048	0.52%	0.044%
27	11.916	1530	1535	1541	rBV	36234	58305	0.49%	0.042%
28	11.992	1543	1548	1554	rVB3	36577	65904	0.56%	0.047%
29	12.086	1557	1564	1568	rBV7	10716	22606	0.19%	0.016%
30	12.216	1582	1586	1592	rVB2	23748	38406	0.32%	0.027%
31	12.557	1636	1644	1649	rBV2	17717	36831	0.31%	0.026%
32	12.751	1673	1677	1682	rVV2	25201	36653	0.31%	0.026%
33	12.810	1682	1687	1693	rVB4	15767	22675	0.19%	0.016%
34	13.045	1720	1727	1734	rVV2	68020	107026	0.90%	0.076%

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35	13.121	1734	1740	1745	rVV4	29932	53645	0.45%	0.038%
36	13.363	1776	1781	1789	rBV6	58675	130387	1.10%	0.093%
37	13.474	1795	1800	1803	rBV5	25850	42454	0.36%	0.030%
38	13.527	1803	1809	1813	rVV3	73456	123833	1.05%	0.088%
39	13.574	1813	1817	1819	rVV3	28912	42978	0.36%	0.031%
40	13.621	1819	1825	1829	rVV	3725648	5162348	43.57%	3.687%
41	13.668	1829	1833	1838	rVV	1336916	1854298	15.65%	1.324%
42	13.710	1838	1840	1844	rVV4	61641	80980	0.68%	0.058%
43	13.751	1844	1847	1853	rVB8	26786	41929	0.35%	0.030%
44	13.886	1863	1870	1883	rBV	4221978	6308780	53.24%	4.506%
45	14.127	1906	1911	1915	rBV	90707	124320	1.05%	0.089%
46	14.198	1915	1923	1930	rVV	5361681	7995934	67.48%	5.711%
47	14.263	1930	1934	1943	rVB	83356	141990	1.20%	0.101%
48	14.415	1954	1960	1974	rBV	954991	1566036	13.22%	1.119%
49	14.563	1982	1985	1989	rBV2	72527	107525	0.91%	0.077%
50	14.633	1992	1997	2003	rVB	484732	699900	5.91%	0.500%
51	14.686	2003	2006	2010	rVB5	25426	35671	0.30%	0.025%
52	14.733	2010	2014	2015	rBV2	27762	36062	0.30%	0.026%
53	14.821	2026	2029	2035	rVB7	26264	42181	0.36%	0.030%
54	14.874	2036	2038	2043	rVB5	23479	31742	0.27%	0.023%
55	15.027	2061	2064	2069	rVB2	24940	38251	0.32%	0.027%
56	15.086	2069	2074	2078	rBV	114153	136465	1.15%	0.097%
57	15.198	2086	2093	2099	rBV	5699309	7987439	67.41%	5.705%
58	15.251	2099	2102	2108	rVB	100004	147168	1.24%	0.105%
59	15.327	2109	2115	2122	rBV	1198010	1665370	14.05%	1.189%
60	15.439	2130	2134	2137	rVB2	61335	78508	0.66%	0.056%
61	15.492	2141	2143	2148	rVB3	45399	62838	0.53%	0.045%
62	15.557	2149	2154	2157	rBV3	15198	25802	0.22%	0.018%
63	15.651	2165	2170	2175	rBV9	18022	47202	0.40%	0.034%
64	15.698	2175	2178	2186	rVB6	33883	71235	0.60%	0.051%
65	15.774	2186	2191	2197	rBV9	22230	63659	0.54%	0.045%
66	15.904	2209	2213	2215	rBV5	15096	21964	0.19%	0.016%
67	15.951	2216	2221	2223	rVV3	120907	176819	1.49%	0.126%
68	15.980	2223	2226	2235	rVB3	115732	170273	1.44%	0.122%
69	16.745	2351	2356	2361	rBV4	110822	180718	1.53%	0.129%
70	16.798	2362	2365	2370	rVB2	50145	72101	0.61%	0.051%
71	16.951	2384	2391	2396	rBV	6901833	9607990	81.09%	6.863%

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72	16.992	2396	2398	2402	rVV	294704	332705	2.81%	0.238%
73	17.045	2402	2407	2419	rVV	6027958	8759675	73.93%	6.257%
74	17.156	2421	2426	2431	rVV5	91701	126585	1.07%	0.090%
75	17.480	2477	2481	2486	rBV2	109316	153768	1.30%	0.110%
76	17.639	2506	2508	2514	rVB4	21832	31946	0.27%	0.023%
77	17.809	2533	2537	2543	rBV5	57498	112477	0.95%	0.080%
78	17.874	2543	2548	2552	rBV	918935	1184869	10.00%	0.846%
79	17.921	2552	2556	2564	rVB4	286422	495367	4.18%	0.354%
80	18.174	2594	2599	2605	rVB	116910	180904	1.53%	0.129%
81	18.245	2608	2611	2618	rVB7	59323	95491	0.81%	0.068%
82	18.433	2640	2643	2649	rBV8	70833	96236	0.81%	0.069%
83	18.586	2664	2669	2675	rVB	664766	854978	7.22%	0.611%
84	18.721	2688	2692	2695	rBV	95236	133624	1.13%	0.095%
85	18.815	2704	2708	2713	rBV3	99832	189834	1.60%	0.136%
86	18.980	2733	2736	2738	rBV2	76945	97917	0.83%	0.070%
87	19.015	2738	2742	2746	rVV	291001	390618	3.30%	0.279%
88	19.086	2748	2754	2761	rVB	9281222	11849075	100.00%	8.463%
89	19.162	2763	2767	2773	rBV2	238014	339826	2.87%	0.243%
90	19.350	2793	2799	2809	rBV	7443416	10074913	85.03%	7.196%
91	19.809	2873	2877	2881	rVB	497242	598316	5.05%	0.427%
92	19.933	2896	2898	2902	rVB2	148922	149248	1.26%	0.107%
93	20.892	3056	3061	3072	rBV2	2426995	3659704	30.89%	2.614%
94	21.150	3100	3105	3110	rBV	6875323	8720825	73.60%	6.229%
95	21.333	3133	3136	3141	rVB	347929	367849	3.10%	0.263%
96	21.762	3204	3209	3217	rBV2	1102882	2190922	18.49%	1.565%
97	22.203	3281	3284	3289	rVB	501001	597174	5.04%	0.427%
98	22.691	3364	3367	3371	rVB	761867	999660	8.44%	0.714%
99	23.174	3443	3449	3456	rBV	4072248	7027273	59.31%	5.019%
100	23.309	3466	3472	3482	rVB	4154131	7420909	62.63%	5.300%

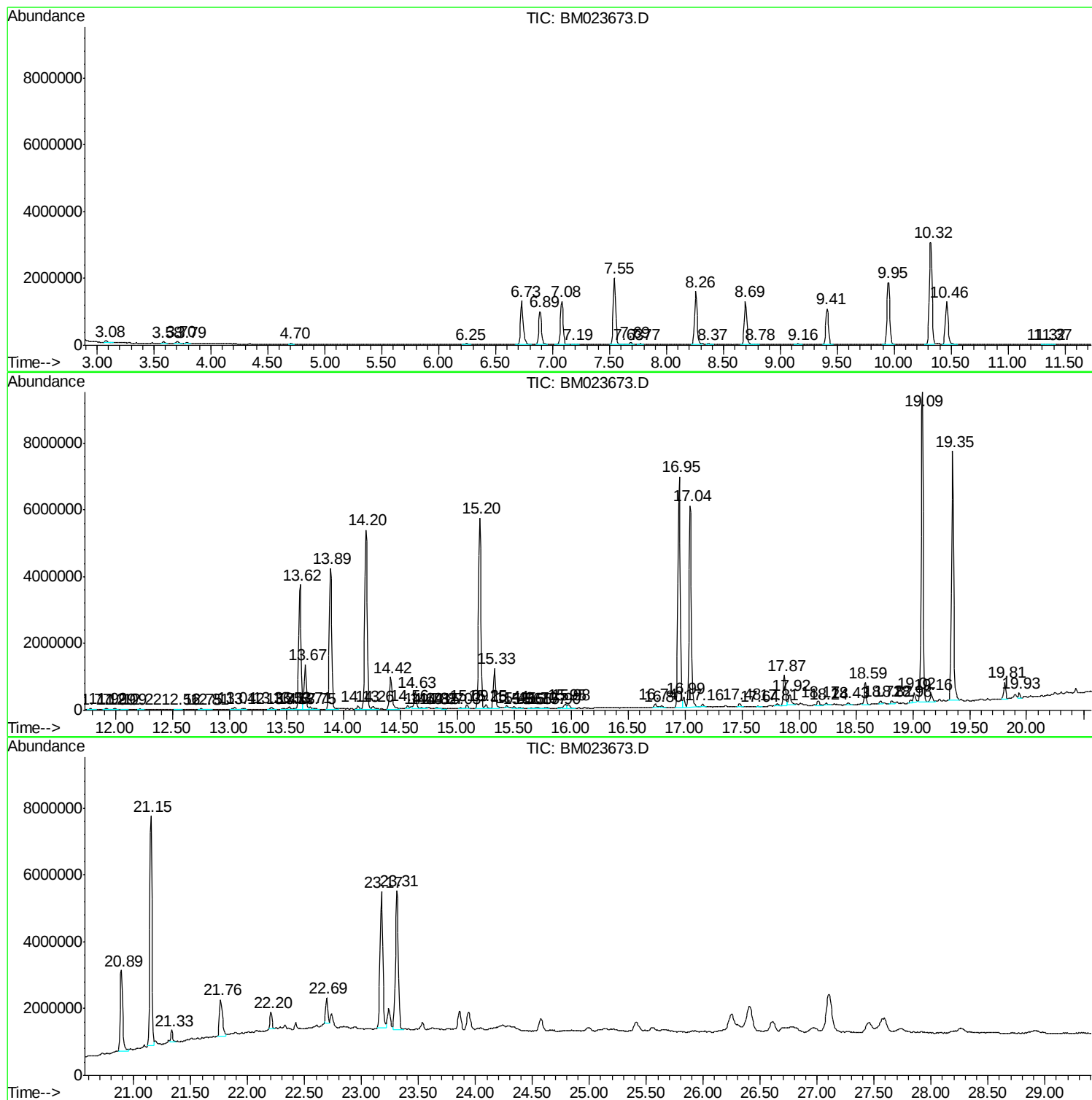
Sum of corrected areas: 140006195

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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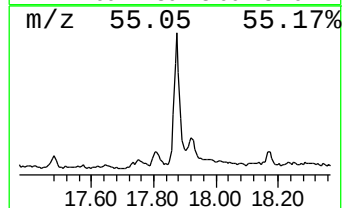
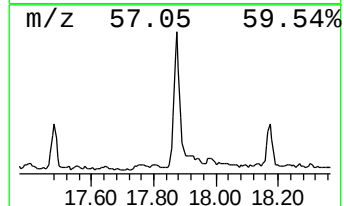
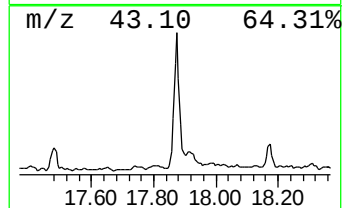
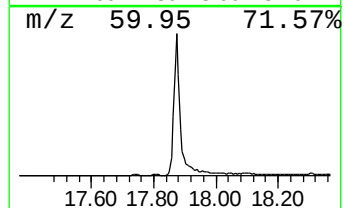
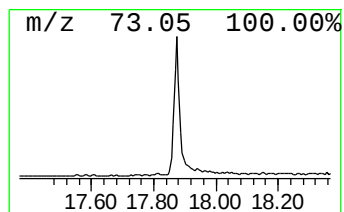
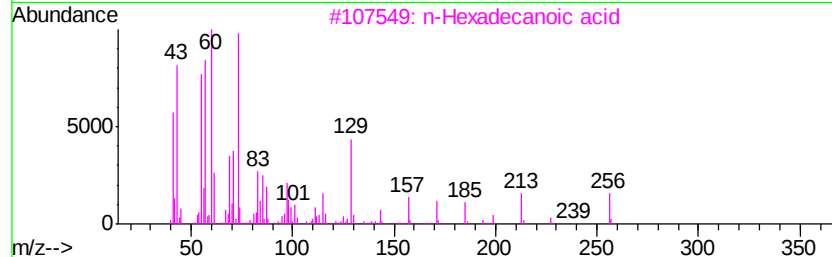
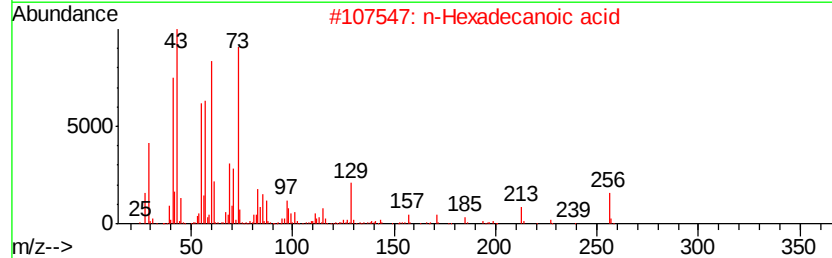
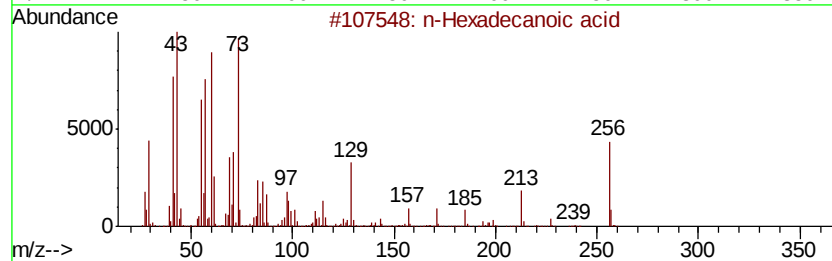
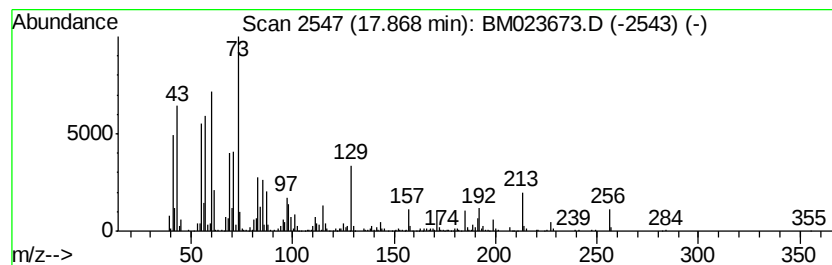
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.47 ng/ul	1184870	Phenanthrene-d10	16.95

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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	



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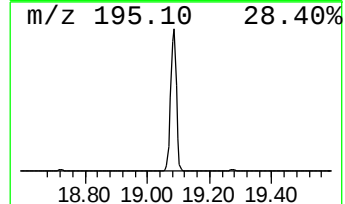
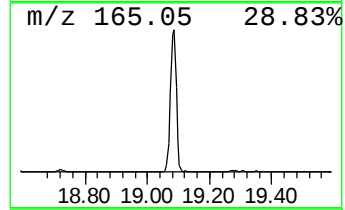
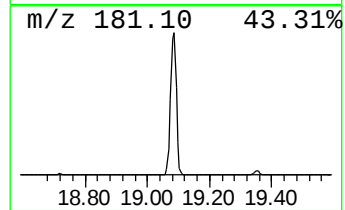
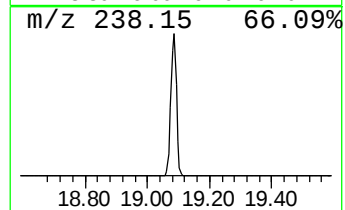
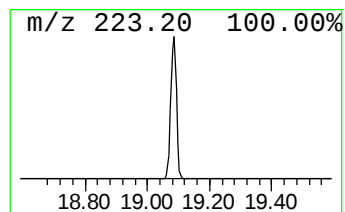
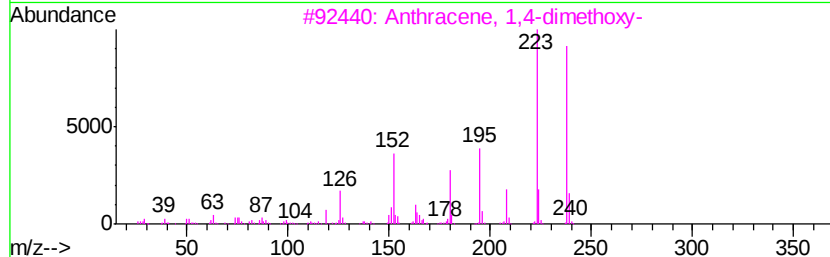
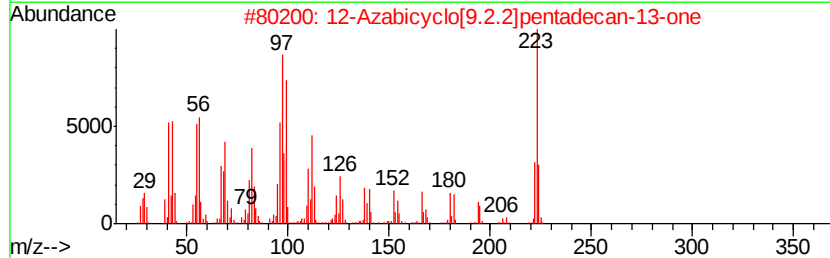
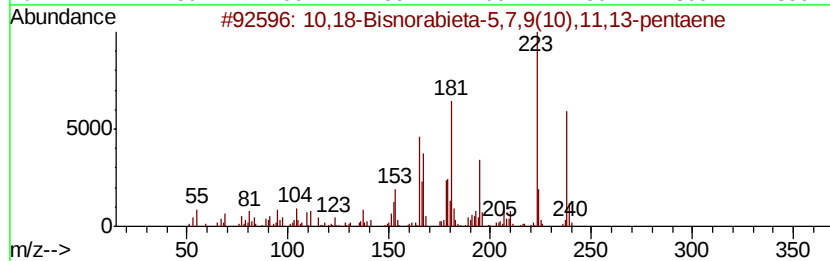
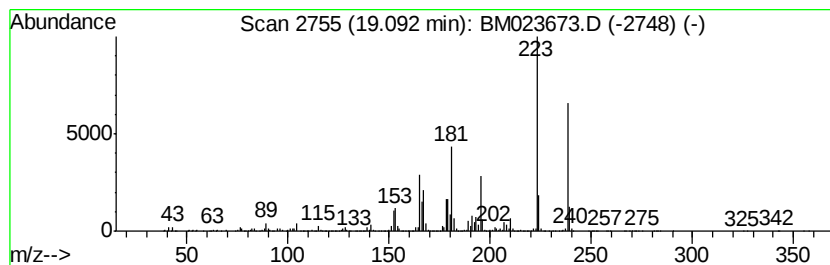
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 10,18-Bisnorabieta-5,7,9(10)... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.09	27.17 ng/ul	11849100	Chrysene-d12	21.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99	
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74	
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	64	
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60	
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50	



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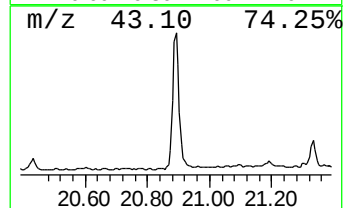
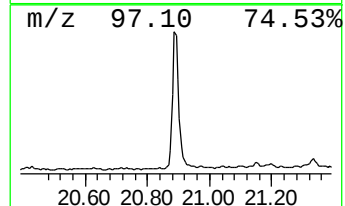
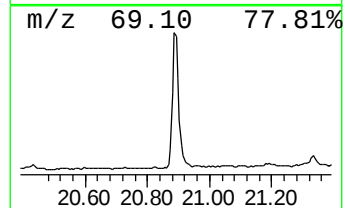
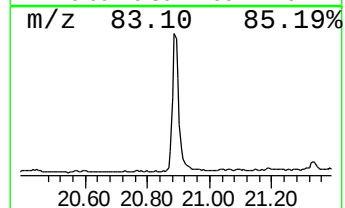
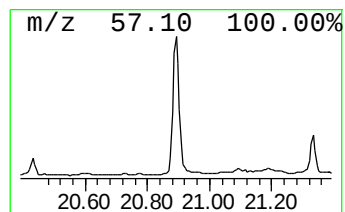
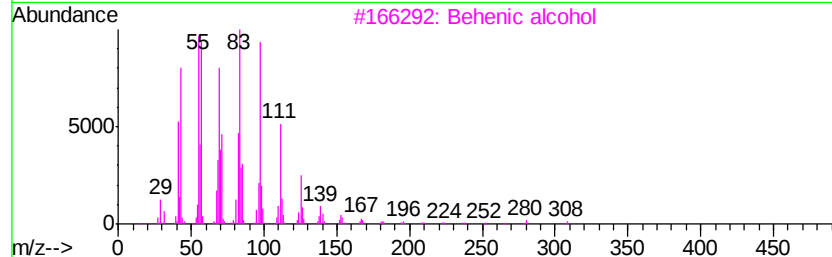
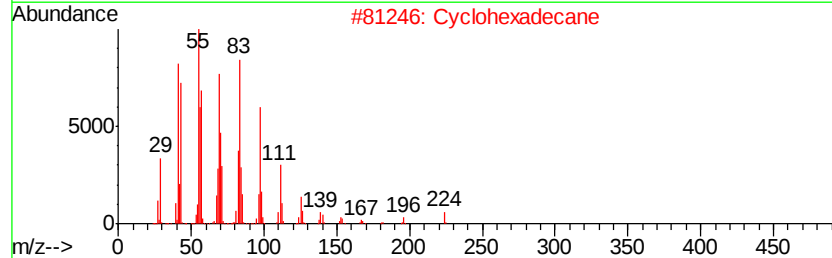
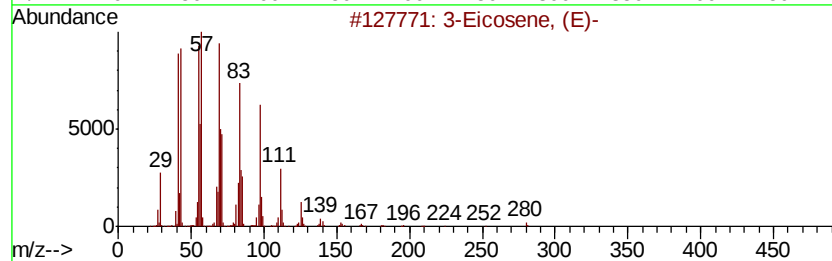
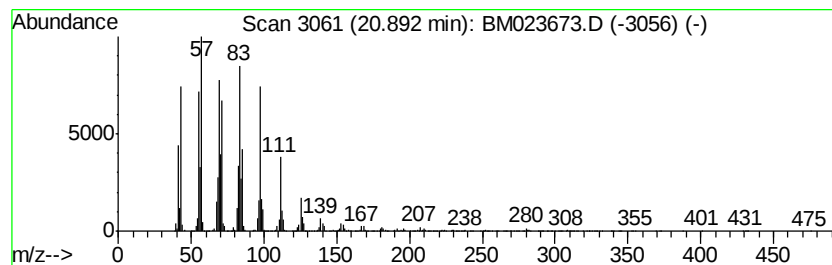
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.39 ng/ul	3659700	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2		Cyclohexadecane	224	C16H32	000295-65-8	97
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		1-Heptacosanol	396	C27H56O	002004-39-9	90
5		1-Heneicosanol	312	C21H44O	015594-90-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023673.D
Acq On : 12 Nov 2019 20:14
Operator : JU
Sample : K5565-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNA6

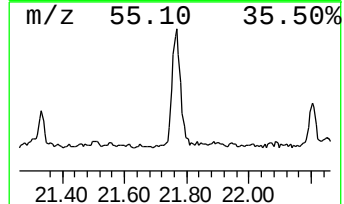
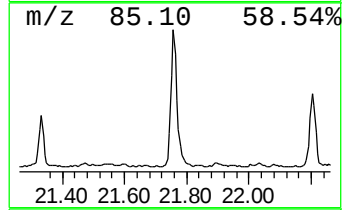
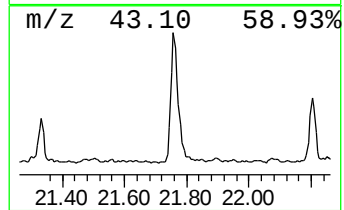
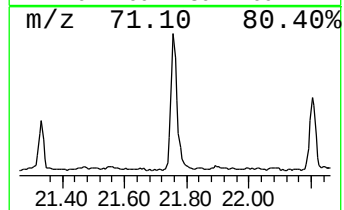
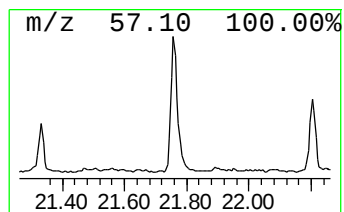
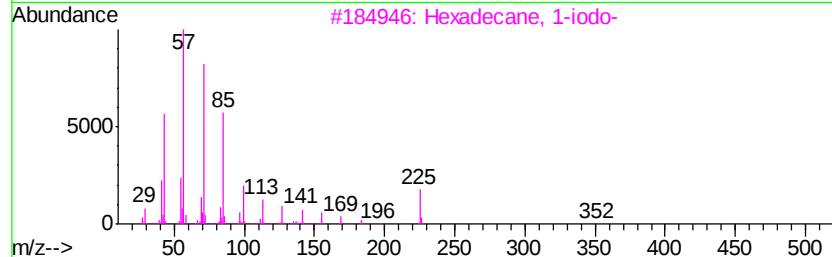
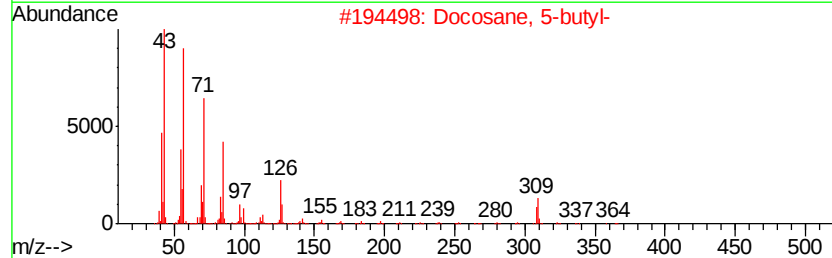
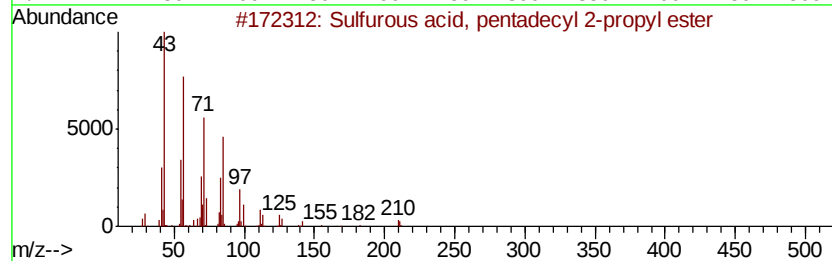
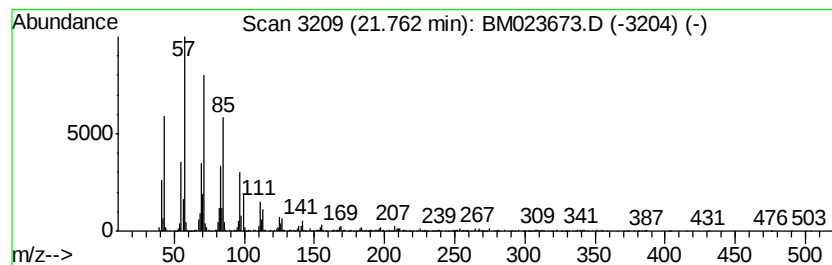
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfurous acid, pentadecyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	5.02 ng/ul	2190920	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91	
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	87	
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86	
4	Hexacosane	366	C26H54	000630-01-3	83	
5	1-Heptadecene	238	C17H34	006765-39-5	78	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023673.D
Acq On : 12 Nov 2019 20:14
Operator : JU
Sample : K5565-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNA6

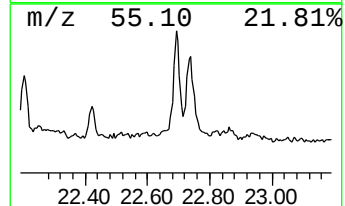
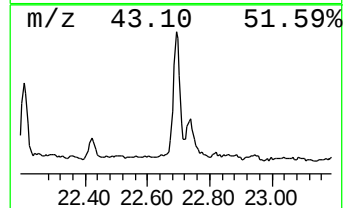
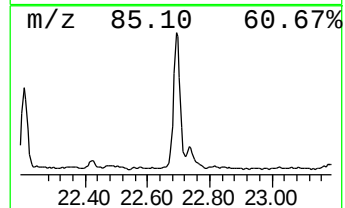
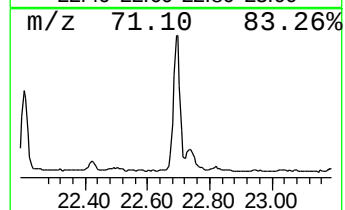
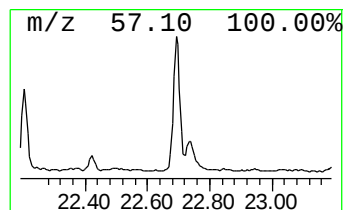
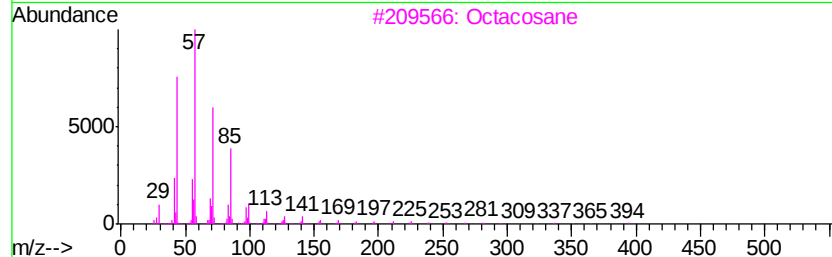
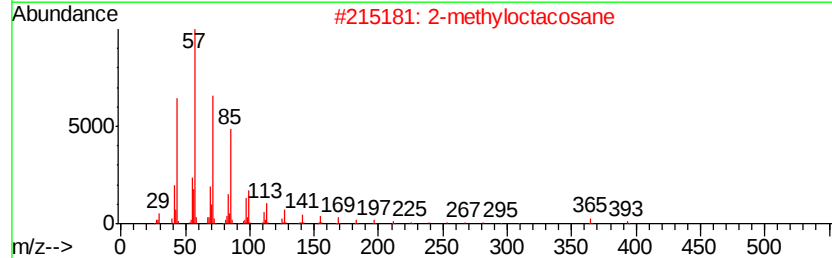
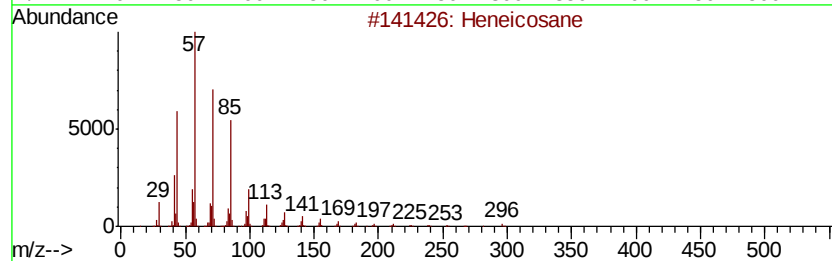
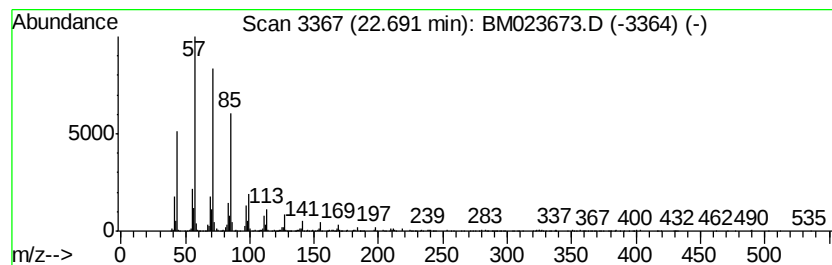
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.69	2.69 ng/ul	999660	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
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Sample : K5565-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.5	ng/ul	1184870	4	16.95	9607990	20.0
10,18-Bisnorabiet...	19.09	27.2	ng/ul	11849100	5	21.15	8720830	20.0
(DEL) Alkane: Cyc...	20.89	8.4	ng/ul	3659700	5	21.15	8720830	20.0
Sulfurous acid, p...	21.76	5.0	ng/ul	2190920	5	21.15	8720830	20.0
(DEL) Alkane: Str...	22.69	2.7	ng/ul	999660	6	23.31	7420910	20.0