

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027047.D
 Acq On : 12 Aug 2020 14:16
 Operator : JU/CG
 Sample : L3612-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFN6

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-BM080720MA.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	3.199	32	36	40	rVB	14929	18497	1.25%	0.103%
2	3.263	44	47	51	rVB4	1853	2928	0.20%	0.016%
3	3.305	51	54	56	rBV4	1458	2108	0.14%	0.012%
4	3.475	80	83	87	rBV4	2402	2778	0.19%	0.016%
5	3.605	103	105	107	rBV3	1610	1814	0.12%	0.010%
6	3.699	118	121	125	rVB3	4423	5963	0.40%	0.033%
7	3.758	129	131	134	rVV4	1629	2554	0.17%	0.014%
8	3.828	138	143	152	rBV	24413	38310	2.59%	0.214%
9	3.916	152	158	163	rVB2	6655	10677	0.72%	0.060%
10	4.128	189	194	197	rBV2	6299	7152	0.48%	0.040%
11	4.275	213	219	222	rBV6	2590	4177	0.28%	0.023%
12	4.369	231	235	237	rBV3	1485	1920	0.13%	0.011%
13	4.528	259	262	265	rVB3	3223	3898	0.26%	0.022%
14	4.805	303	309	314	rVB	14600	21201	1.44%	0.118%
15	5.399	406	410	411	rBV3	1583	1952	0.13%	0.011%
16	5.704	460	462	467	rVB3	2233	2685	0.18%	0.015%
17	6.363	567	574	578	rVB2	19739	28209	1.91%	0.158%
18	6.657	619	624	630	rVB6	2401	3283	0.22%	0.018%
19	6.816	644	651	662	rVV	235884	371088	25.13%	2.073%
20	6.981	673	679	688	rBV	199263	306023	20.72%	1.710%
21	7.181	707	713	720	rBV	259088	400102	27.09%	2.235%
22	7.263	723	727	738	rVB3	9604	22213	1.50%	0.124%
23	7.640	784	791	801	rBV	387388	597613	40.47%	3.338%
24	7.881	827	832	834	rBV2	1428	2307	0.16%	0.013%
25	8.345	903	911	923	rBV	250933	395354	26.77%	2.209%
26	8.457	923	930	936	rBV3	7645	13675	0.93%	0.076%
27	8.781	975	985	995	rBV	237729	379267	25.68%	2.119%
28	9.498	1098	1107	1117	rBV	170757	287589	19.47%	1.607%
29	10.039	1192	1199	1211	rBV	293756	479153	32.44%	2.677%
30	10.410	1255	1262	1270	rBV	437259	740340	50.13%	4.136%
31	10.545	1278	1285	1297	rBV	239412	398602	26.99%	2.227%
32	11.045	1364	1370	1374	rVB3	1115	1994	0.14%	0.011%
33	11.757	1489	1491	1498	rVB4	1186	1794	0.12%	0.010%
34	12.010	1528	1534	1540	rVB5	3196	6518	0.44%	0.036%

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35	12.645	1637	1642	1650	rVB5	3718	6166	0.42%	0.034%
36	12.892	1680	1684	1688	rVB5	3453	4911	0.33%	0.027%
37	13.033	1704	1708	1709	rBV3	1556	1936	0.13%	0.011%
38	13.051	1709	1711	1718	rVB3	2641	3474	0.24%	0.019%
39	13.192	1727	1735	1740	rBV5	6139	12850	0.87%	0.072%
40	13.616	1800	1807	1812	rBV2	78580	109113	7.39%	0.610%
41	13.692	1813	1820	1824	rBV	537867	757514	51.29%	4.232%
42	13.739	1824	1828	1833	rVB	162058	221863	15.02%	1.239%
43	13.875	1846	1851	1853	rBV4	1197	1764	0.12%	0.010%
44	13.963	1859	1866	1877	rBV	539575	774721	52.46%	4.328%
45	14.139	1891	1896	1901	rVB4	5346	7190	0.49%	0.040%
46	14.186	1901	1904	1906	rBV3	1683	2128	0.14%	0.012%
47	14.275	1911	1919	1926	rVV	675593	981060	66.43%	5.480%
48	14.369	1928	1935	1940	rBV3	8292	12967	0.88%	0.072%
49	14.469	1945	1952	1962	rBV	202052	296666	20.09%	1.657%
50	14.551	1962	1966	1971	rVV3	19103	28847	1.95%	0.161%
51	14.610	1971	1976	1983	rVV3	11810	22068	1.49%	0.123%
52	14.716	1990	1994	2001	rVB6	2410	4877	0.33%	0.027%
53	15.104	2056	2060	2066	rBV2	3269	4190	0.28%	0.023%
54	15.163	2066	2070	2075	rVB4	2303	2738	0.19%	0.015%
55	15.227	2075	2081	2083	rBV	58419	77681	5.26%	0.434%
56	15.269	2083	2088	2096	rVB	742674	1015151	68.74%	5.671%
57	15.321	2096	2097	2101	rVB2	1837	1800	0.12%	0.010%
58	15.386	2101	2108	2115	rBV	174861	244912	16.58%	1.368%
59	15.510	2126	2129	2133	rBV3	7131	9091	0.62%	0.051%
60	15.627	2144	2149	2152	rBV4	8808	14025	0.95%	0.078%
61	15.669	2152	2156	2160	rVB3	46586	59083	4.00%	0.330%
62	15.769	2166	2173	2181	rVB4	24844	40697	2.76%	0.227%
63	15.868	2185	2190	2195	rBV6	4214	8834	0.60%	0.049%
64	15.957	2201	2205	2208	rBV5	4650	7052	0.48%	0.039%
65	15.992	2208	2211	2212	rVV3	4775	5012	0.34%	0.028%
66	16.010	2212	2214	2219	rVV4	5640	7830	0.53%	0.044%
67	16.051	2219	2221	2231	rVB6	3806	8046	0.54%	0.045%
68	16.186	2241	2244	2250	rVB5	2063	3484	0.24%	0.019%
69	16.292	2258	2262	2268	rVB4	2369	4005	0.27%	0.022%
70	16.568	2307	2309	2312	rBV3	4496	5518	0.37%	0.031%
71	16.786	2344	2346	2349	rBV3	2158	2495	0.17%	0.014%

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72	16.921	2366	2369	2370	rBV2	1740	1968	0.13%	0.011%
73	16.963	2375	2376	2379	rBV3	1827	2360	0.16%	0.013%
74	17.015	2379	2385	2391	rVV	814284	1151867	78.00%	6.435%
75	17.057	2391	2392	2396	rVV	13562	12119	0.82%	0.068%
76	17.115	2396	2402	2414	rVB	766610	1044684	70.74%	5.836%
77	17.221	2416	2420	2425	rVV7	7753	10521	0.71%	0.059%
78	17.321	2435	2437	2439	rBV3	2391	2391	0.16%	0.013%
79	17.421	2451	2454	2458	rBV6	1531	2250	0.15%	0.013%
80	17.515	2467	2470	2473	rBV5	3374	3807	0.26%	0.021%
81	17.551	2473	2476	2478	rVB4	2184	2401	0.16%	0.013%
82	17.774	2509	2514	2518	rBV5	12261	17337	1.17%	0.097%
83	17.939	2537	2542	2549	rBV	199869	260703	17.65%	1.456%
84	18.074	2563	2565	2566	rBV2	3441	2463	0.17%	0.014%
85	18.245	2592	2594	2597	rVB3	4356	4575	0.31%	0.026%
86	18.492	2634	2636	2637	rBV2	3783	1989	0.13%	0.011%
87	18.810	2687	2690	2695	rVB6	9077	10720	0.73%	0.060%
88	18.880	2699	2702	2705	rBV4	3591	5139	0.35%	0.029%
89	19.045	2726	2730	2733	rBV4	8374	14900	1.01%	0.083%
90	19.080	2733	2736	2743	rVB	28696	44609	3.02%	0.249%
91	19.227	2756	2761	2768	rBV	147818	207230	14.03%	1.158%
92	19.298	2771	2773	2777	rVB4	11349	15413	1.04%	0.086%
93	19.415	2787	2793	2805	rVB	950149	1253499	84.88%	7.002%
94	19.827	2861	2863	2866	rVB2	14257	14572	0.99%	0.081%
95	20.774	3021	3024	3031	rBV3	48069	67560	4.57%	0.377%
96	20.956	3050	3055	3061	rBV	182257	247210	16.74%	1.381%
97	21.156	3087	3089	3093	rVB	33977	30165	2.04%	0.169%
98	21.215	3094	3099	3104	rBV	1123600	1405019	95.14%	7.849%
99	23.274	3443	3449	3455	rBV	763272	1251118	84.72%	6.989%
100	23.415	3467	3473	3481	rVB2	808860	1476837	100.00%	8.250%

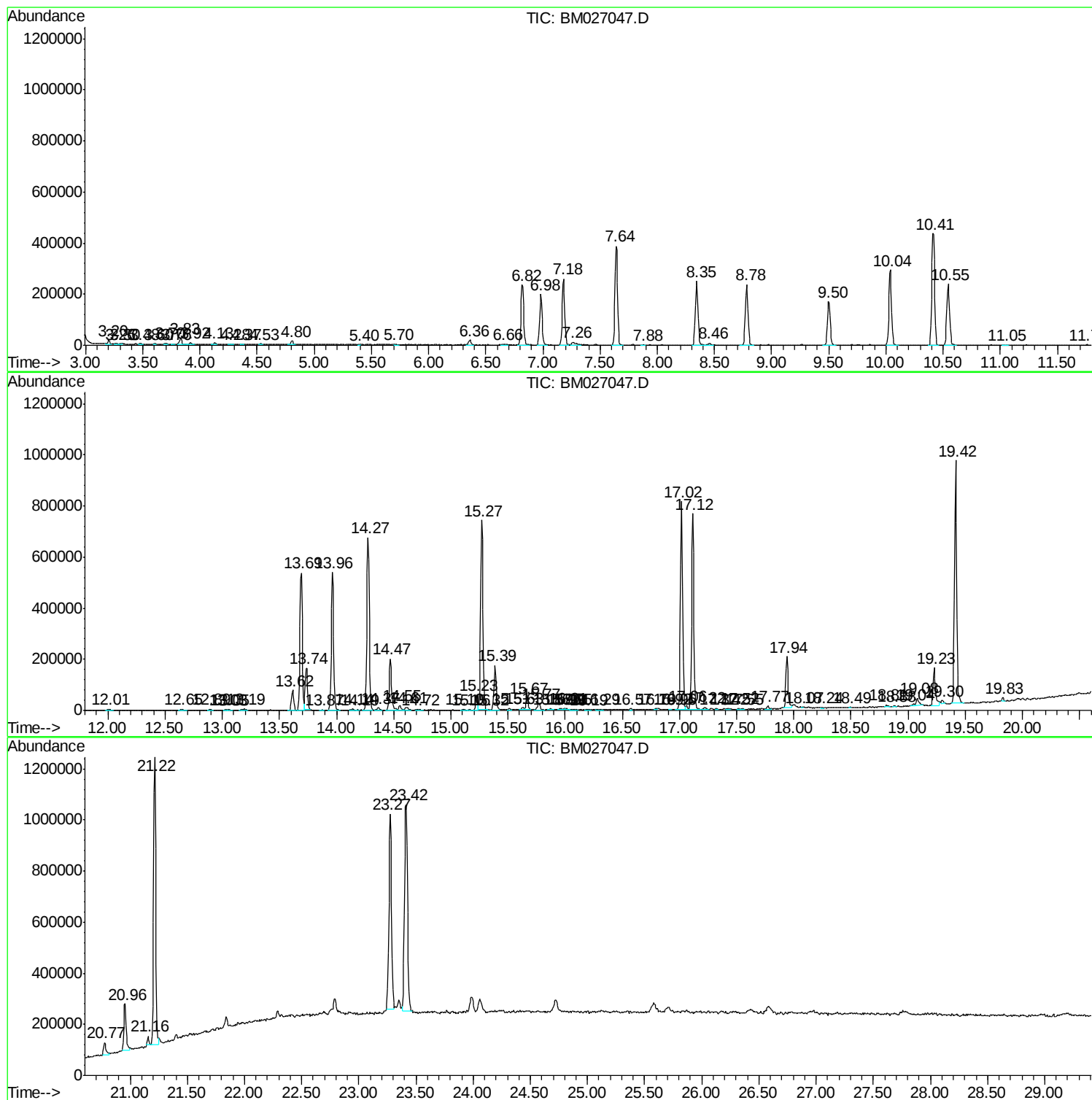
Sum of corrected areas: 17900923

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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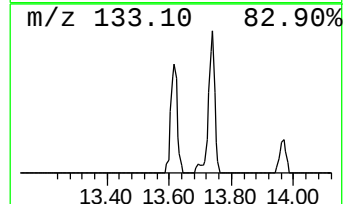
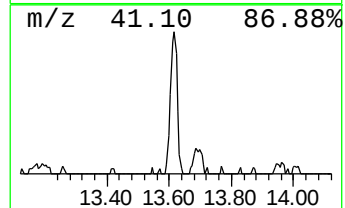
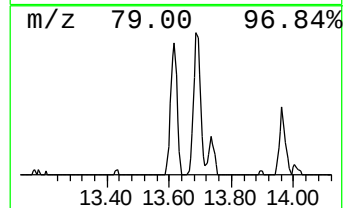
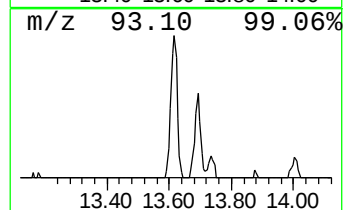
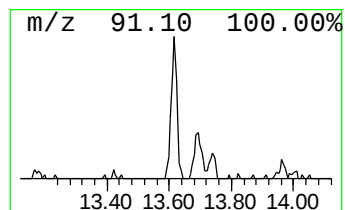
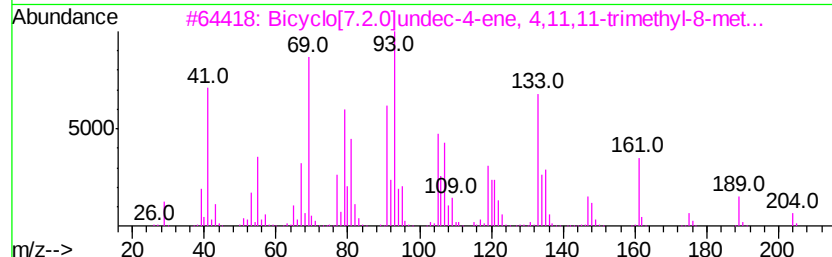
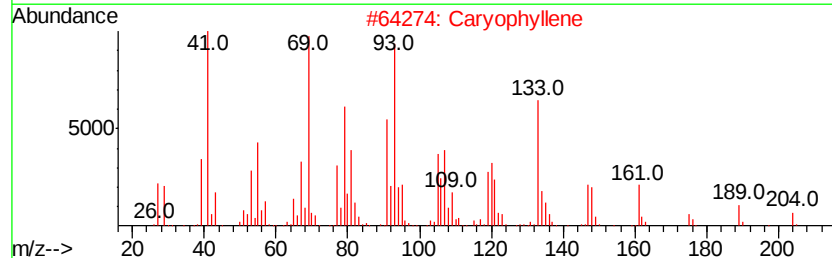
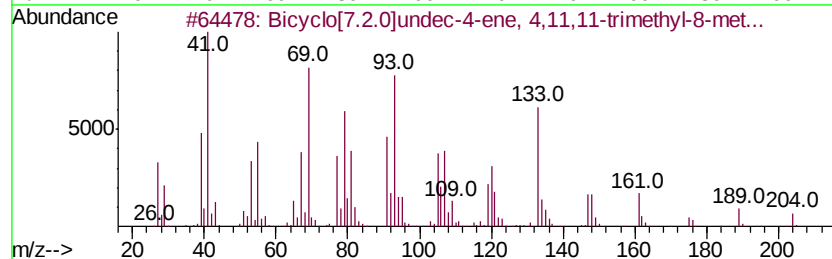
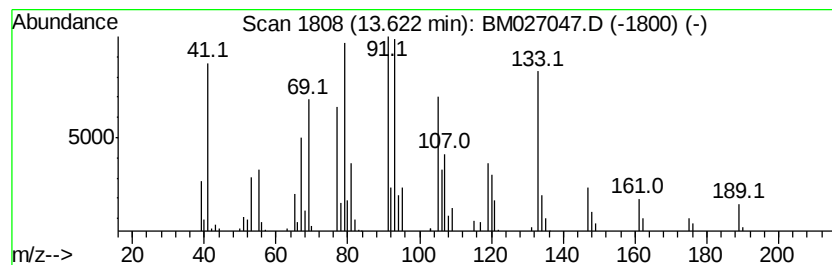
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.22 ng/ul	109113	Acenaphthene-d10	14.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 83
2		Carvophyllene	204 C15H24	000087-44-5 76
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 70
4		Bicyclo[5.2.0]nonane, 2-methyl-...	204 C15H24	242794-76-9 64
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 55



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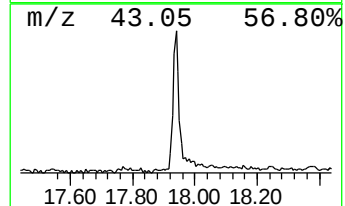
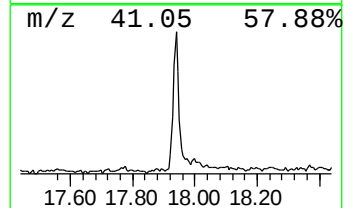
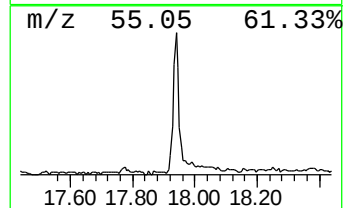
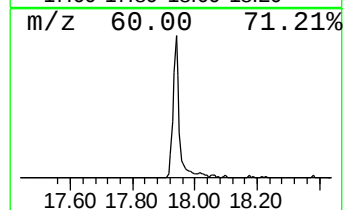
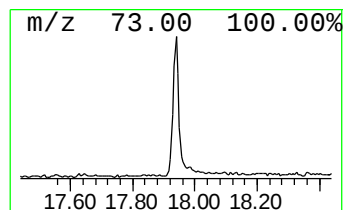
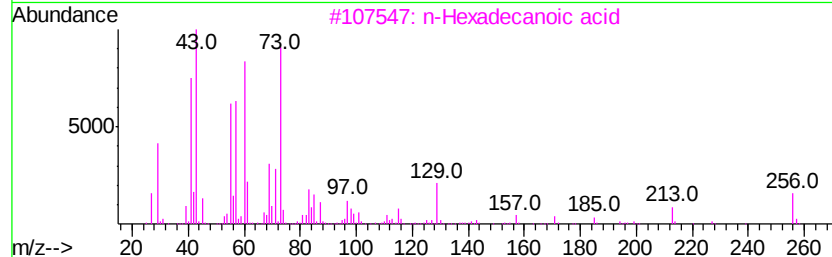
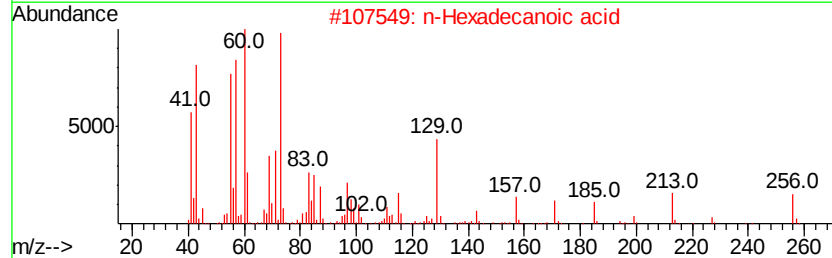
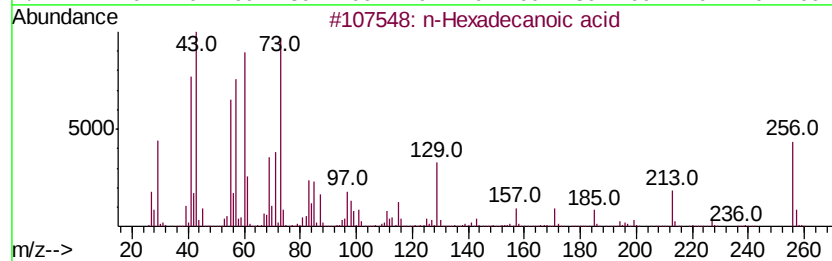
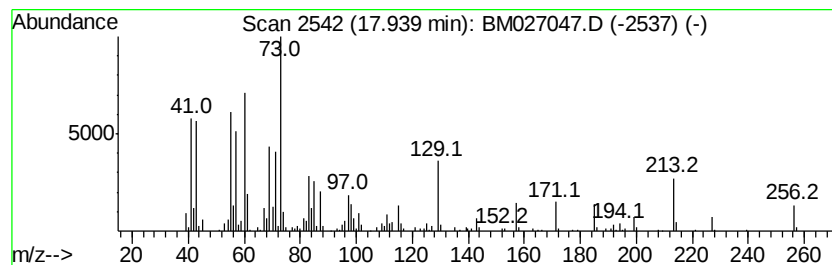
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.94	4.53 ng/ul	260703	Phenanthrene-d10		17.02

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	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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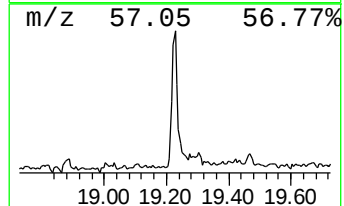
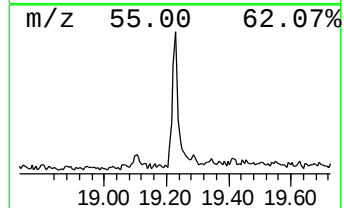
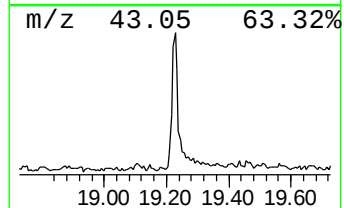
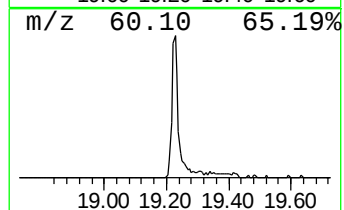
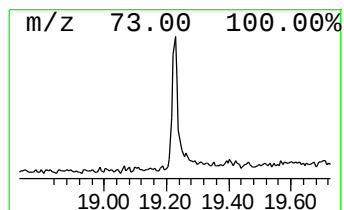
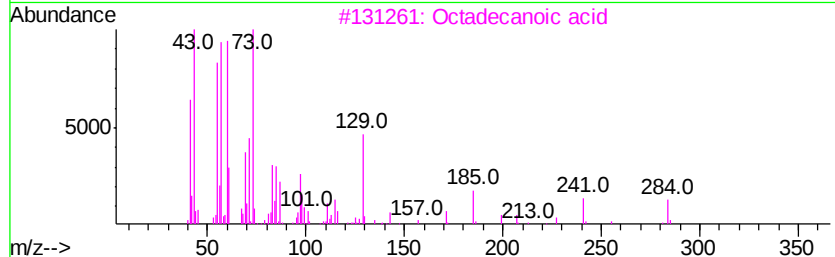
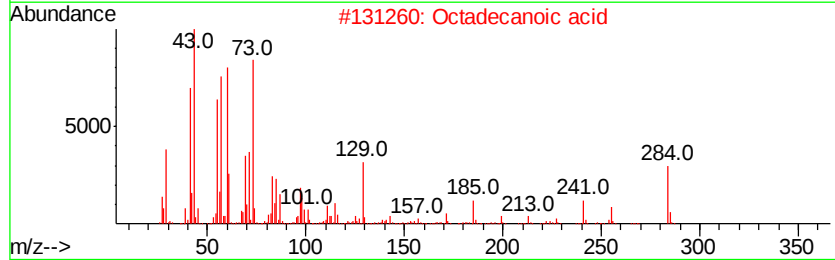
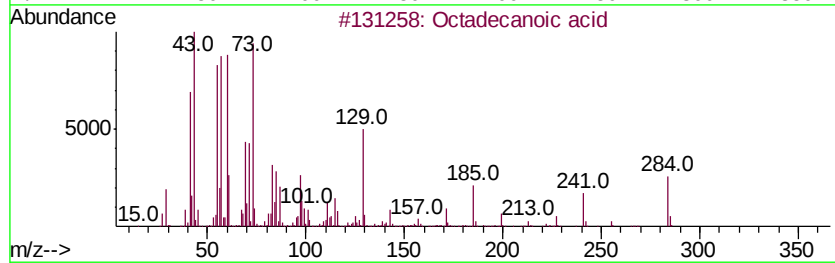
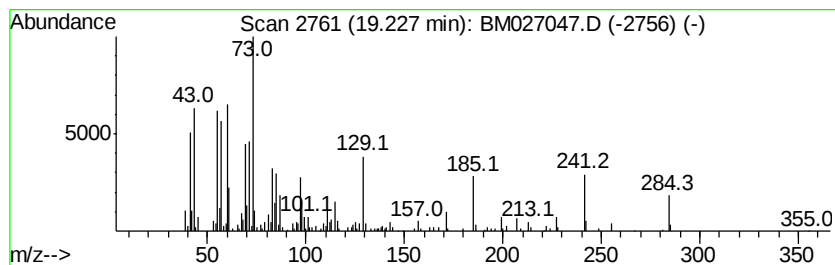
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.95 ng/ul	207230	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	90
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Undecanoic acid	186	C11H22O2	000112-37-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
Data File : BM027047.D
Acq On : 12 Aug 2020 14:16
Operator : JU/CG
Sample : L3612-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFN6

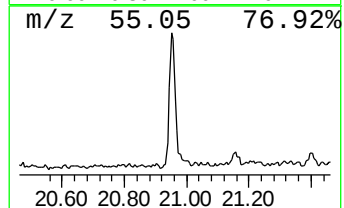
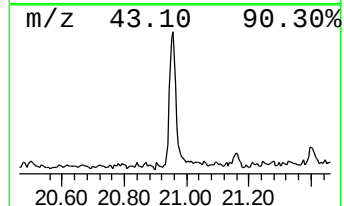
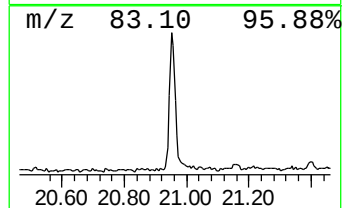
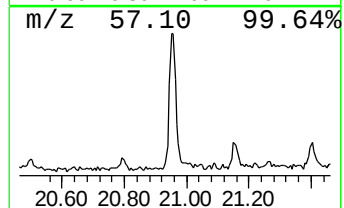
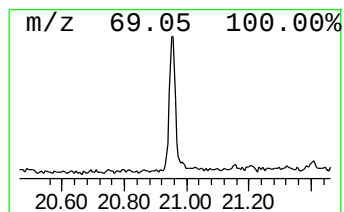
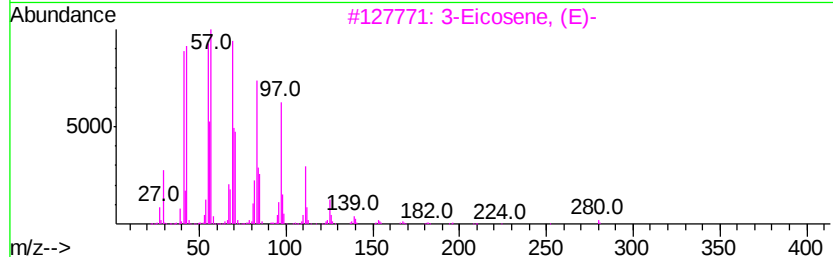
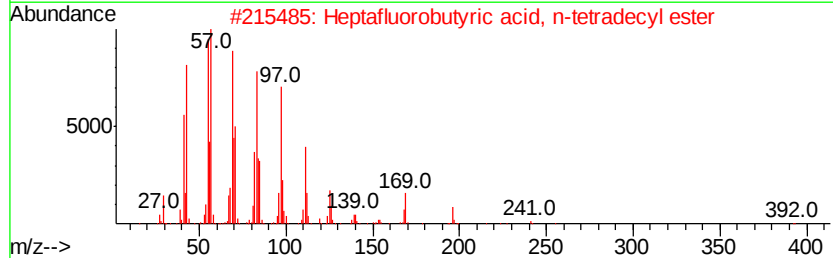
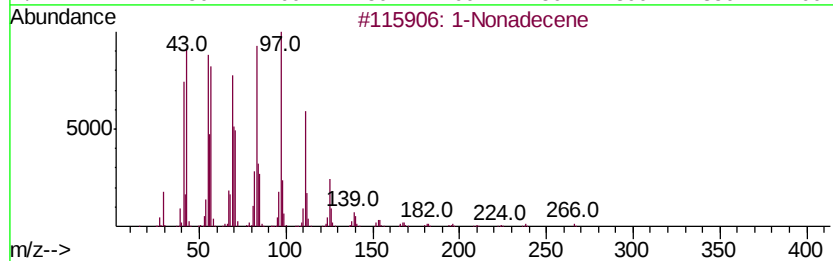
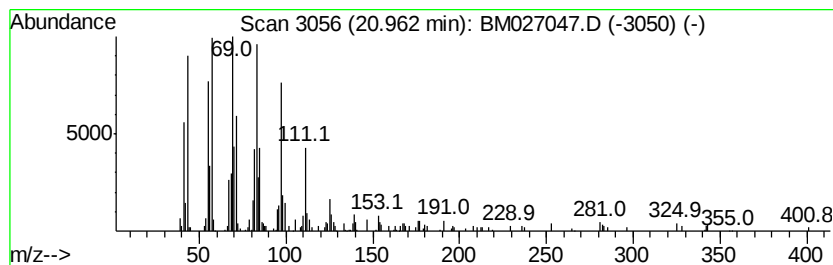
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
20.96	3.52 ng/ul	247210	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	95
2			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			Cetene	224	C16H32	000629-73-2	91
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081220\
Data File : BM027047.D
Acq On : 12 Aug 2020 14:16
Operator : JU/CG
Sample : L3612-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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
Bicyclo[7.2.0]und...	13.62	2.2	ng/ul	109113	3	14.27	981060	20.0
n-Hexadecanoic acid	17.94	4.5	ng/ul	260703	4	17.02	1151870	20.0
Octadecanoic acid	19.23	3.0	ng/ul	207230	5	21.22	1405020	20.0
(DEL) Alkane: Str...	20.96	3.5	ng/ul	247210	5	21.22	1405020	20.0