

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021445.D
 Acq On : 12 Jul 2019 01:40
 Operator : HP/JU
 Sample : K3762-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF490

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-BM070819MA.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	6.910	661	667	675	rVB	149427	257353	4.19%	0.536%
2	7.075	689	695	704	rBV	480997	774617	12.60%	1.613%
3	7.263	721	727	737	rVB	577357	930073	15.13%	1.937%
4	7.728	800	806	814	rVB	655346	1048844	17.06%	2.185%
5	8.440	921	927	936	rVB	438286	719532	11.70%	1.499%
6	8.834	992	994	997	rVB2	8435	7108	0.12%	0.015%
7	8.892	997	1004	1011	rBV	646688	1062078	17.28%	2.212%
8	9.610	1119	1126	1135	rBV	530362	879988	14.31%	1.833%
9	10.139	1209	1216	1227	rBV	781109	1425600	23.19%	2.969%
10	10.516	1272	1280	1293	rVB	879934	1456888	23.70%	3.034%
11	10.675	1299	1307	1316	rBV	63426	132618	2.16%	0.276%
12	11.363	1418	1424	1428	rBV5	10157	18463	0.30%	0.038%
13	12.098	1546	1549	1550	rVV3	6780	8211	0.13%	0.017%
14	12.116	1550	1552	1557	rVB2	8416	9861	0.16%	0.021%
15	12.533	1621	1623	1632	rVB8	4475	7912	0.13%	0.016%
16	12.663	1638	1645	1650	rVB5	9428	17510	0.28%	0.036%
17	12.733	1650	1657	1661	rBV4	5396	12200	0.20%	0.025%
18	13.163	1726	1730	1735	rVV7	3977	6951	0.11%	0.014%
19	13.275	1743	1749	1755	rBV8	6613	13941	0.23%	0.029%
20	13.663	1810	1815	1820	rBV8	7158	16929	0.28%	0.035%
21	13.722	1820	1825	1828	rVV4	6066	10105	0.16%	0.021%
22	13.792	1830	1837	1848	rVV	1625143	2270057	36.92%	4.728%
23	13.892	1850	1854	1862	rVB4	41108	59206	0.96%	0.123%
24	14.069	1873	1884	1897	rVB	1797438	2735703	44.50%	5.698%
25	14.222	1903	1910	1915	rBV	132050	200029	3.25%	0.417%
26	14.292	1919	1922	1927	rVB4	6803	9896	0.16%	0.021%
27	14.374	1927	1936	1947	rBV2	1345814	2017115	32.81%	4.201%
28	14.569	1963	1969	1972	rBV2	76735	122771	2.00%	0.256%
29	14.610	1972	1976	1986	rVB	86783	174844	2.84%	0.364%
30	14.792	2002	2007	2009	rBV6	7518	11184	0.18%	0.023%
31	14.863	2015	2019	2024	rVB7	6076	11676	0.19%	0.024%
32	14.957	2030	2035	2043	rBV	32086	58246	0.95%	0.121%
33	15.033	2043	2048	2057	rVB	179982	246516	4.01%	0.513%
34	15.133	2061	2065	2068	rBV	8492	13043	0.21%	0.027%

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35	15.204	2075	2077	2082	rBV5	10258	14070	0.23%	0.029%
36	15.368	2099	2105	2115	rBV	2350775	3489423	56.76%	7.268%
37	15.504	2121	2128	2140	rBV	652539	953757	15.51%	1.986%
38	15.616	2142	2147	2149	rBV	27630	47277	0.77%	0.098%
39	15.804	2174	2179	2183	rBV5	8082	12862	0.21%	0.027%
40	15.939	2198	2202	2203	rBV4	5561	6225	0.10%	0.013%
41	15.992	2207	2211	2217	rBV2	22710	36347	0.59%	0.076%
42	16.092	2225	2228	2231	rBV5	5742	6817	0.11%	0.014%
43	16.157	2235	2239	2245	rVB7	12259	21335	0.35%	0.044%
44	16.527	2298	2302	2306	rBV7	6743	10648	0.17%	0.022%
45	16.721	2332	2335	2337	rBV3	8229	6859	0.11%	0.014%
46	16.910	2364	2367	2372	rBV4	7391	12457	0.20%	0.026%
47	17.127	2397	2404	2414	rBV2	1739550	2466578	40.12%	5.137%
48	17.227	2414	2421	2429	rBV	2920191	4157784	67.63%	8.660%
49	17.792	2512	2517	2525	rBV	250036	327267	5.32%	0.682%
50	18.015	2551	2555	2564	rBV	212119	306078	4.98%	0.637%
51	18.221	2585	2590	2597	rVB6	16052	32547	0.53%	0.068%
52	18.568	2645	2649	2653	rBV7	10169	15002	0.24%	0.031%
53	19.156	2745	2749	2756	rBV	40288	68853	1.12%	0.143%
54	19.233	2760	2762	2767	rVB5	10427	14663	0.24%	0.031%
55	19.298	2769	2773	2786	rBV	284373	485273	7.89%	1.011%
56	19.409	2789	2792	2796	rVB	32099	42691	0.69%	0.089%
57	19.521	2805	2811	2822	rBV	4058612	5259958	85.56%	10.955%
58	20.056	2900	2902	2905	rVB3	27548	24406	0.40%	0.051%
59	20.551	2983	2986	2991	rBV	63651	66586	1.08%	0.139%
60	21.015	3062	3065	3074	rBV2	123669	202660	3.30%	0.422%
61	21.309	3110	3115	3123	rBV	2253587	2946611	47.93%	6.137%
62	21.450	3136	3139	3144	rBV	148577	159285	2.59%	0.332%
63	21.886	3210	3213	3219	rBV	182529	208747	3.40%	0.435%
64	22.350	3289	3292	3297	rBV	208393	275072	4.47%	0.573%
65	22.862	3376	3379	3386	rVB	239449	303416	4.94%	0.632%
66	23.427	3469	3475	3492	rVB	3348510	6147965	100.00%	12.805%
67	23.574	3493	3500	3510	rVB	1632785	3135825	51.01%	6.531%

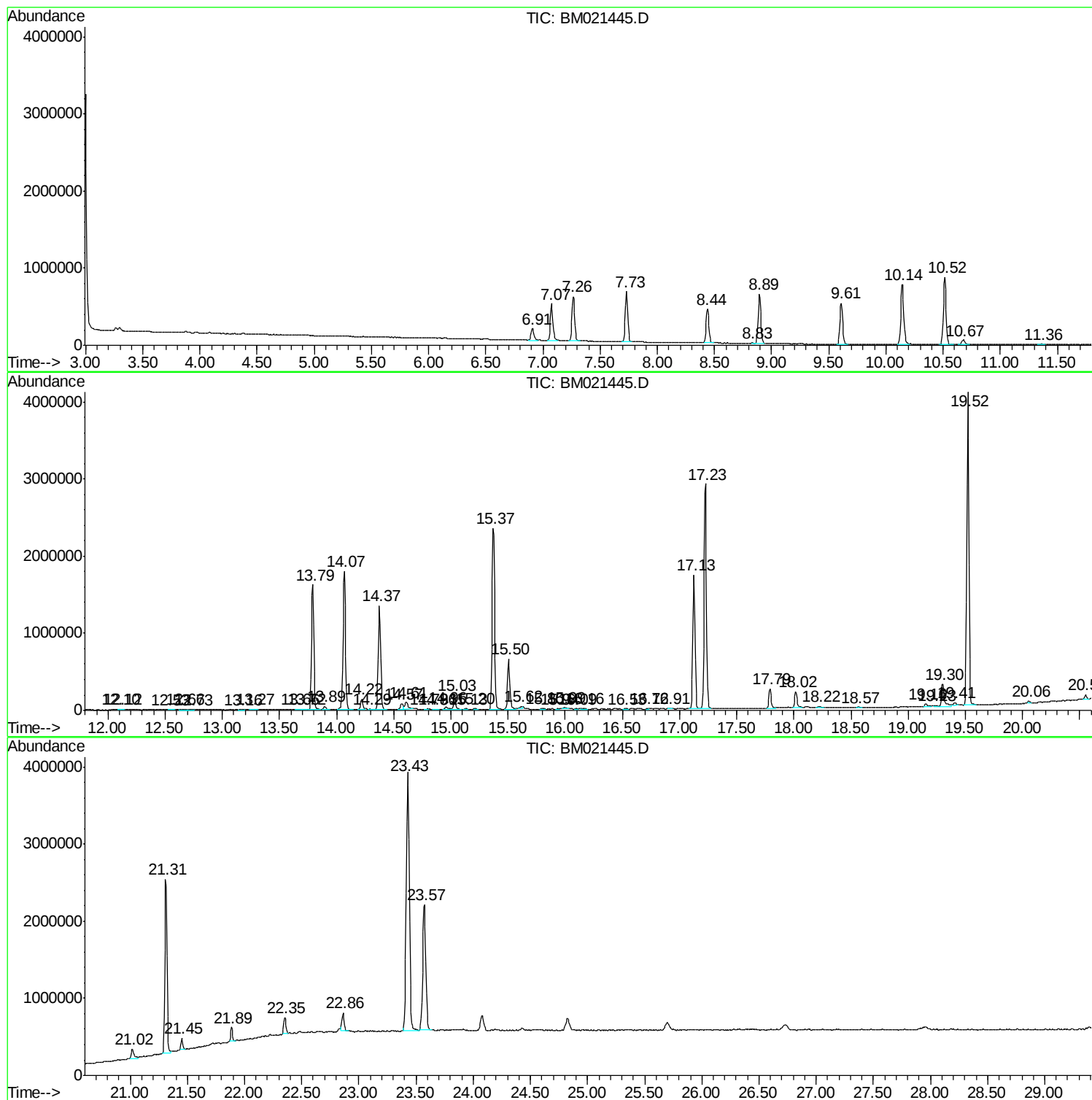
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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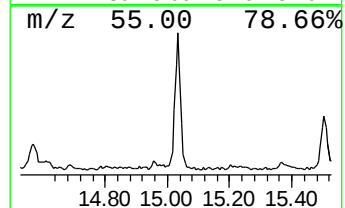
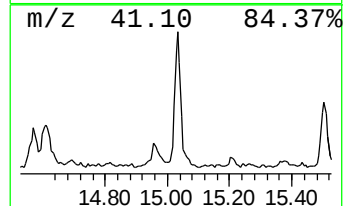
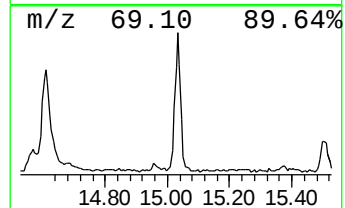
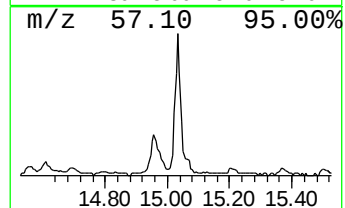
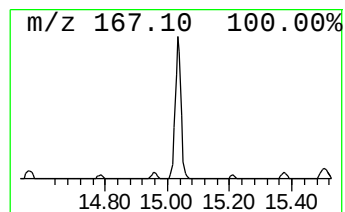
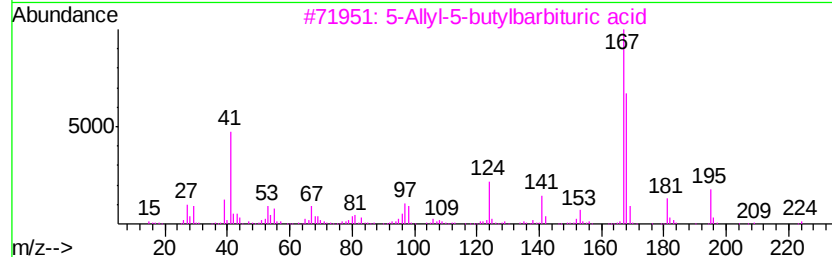
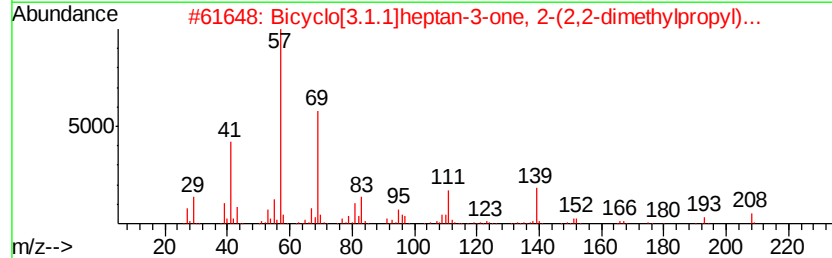
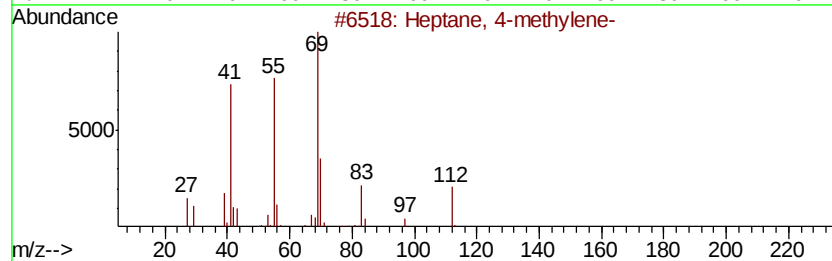
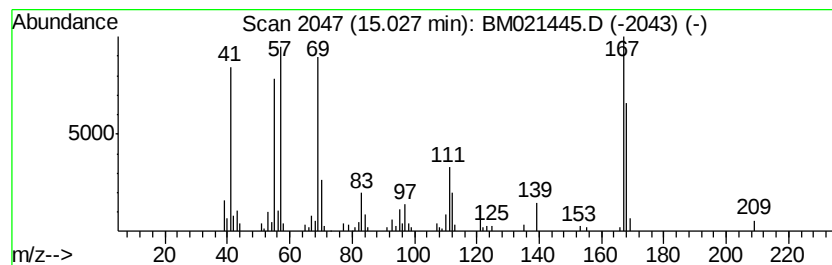
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic15.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.03	2.44 ng/ul	246516	Acenaphthene-d10	14.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methylene-	112	C8H16	015918-08-8	38
2	Bicyclo[3.1.1]heptan-3-one, 2-(2...	208	C14H24O	1000163-96-4	38
3	5-Allyl-5-butylbarbituric acid	224	C11H16N2O3	003146-66-5	38
4	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	30
5	Talbutal	224	C11H16N2O3	000115-44-6	27



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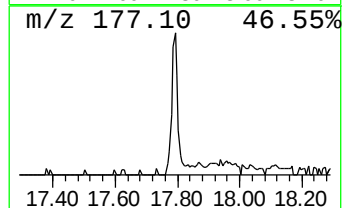
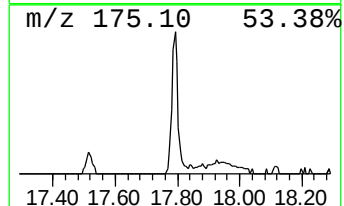
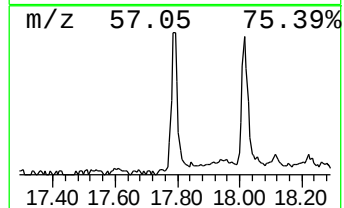
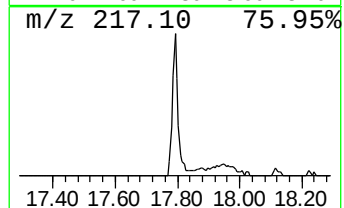
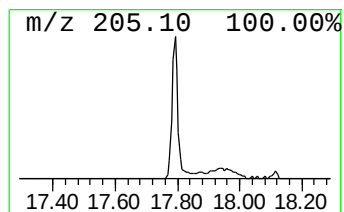
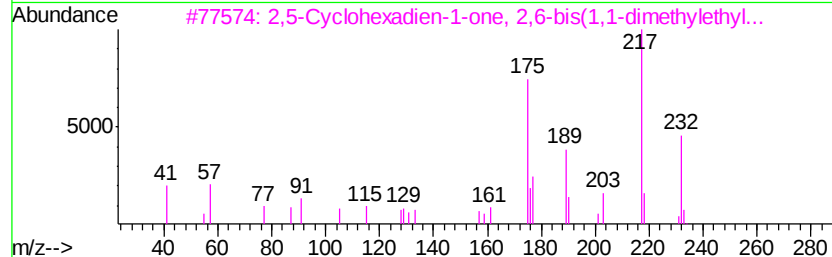
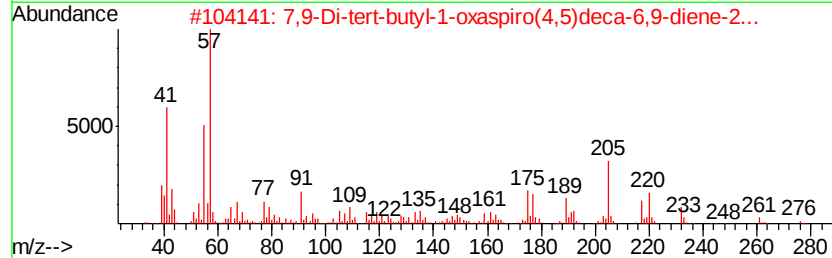
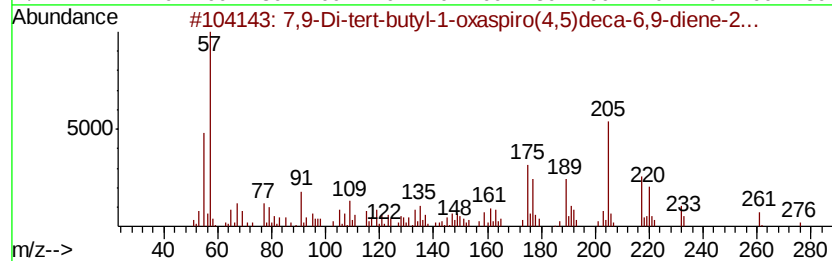
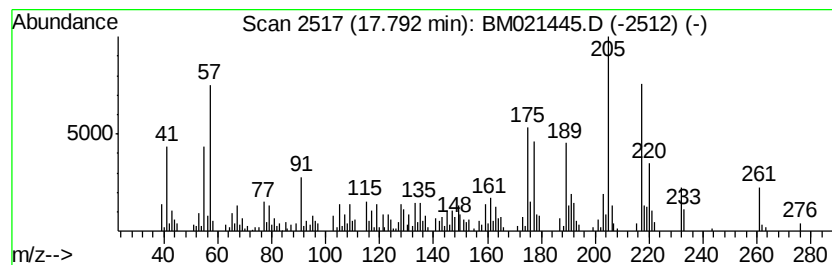
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.79	2.65 ng/ul	327267	Phenanthrene-d10	17.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	87
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	76
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50



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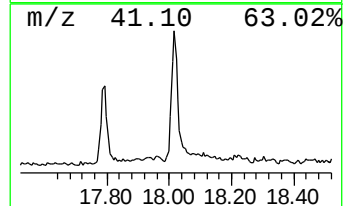
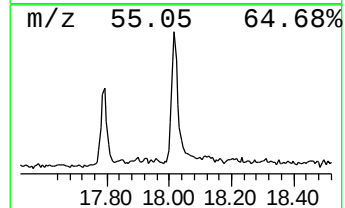
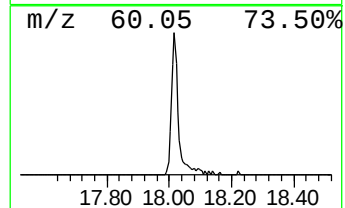
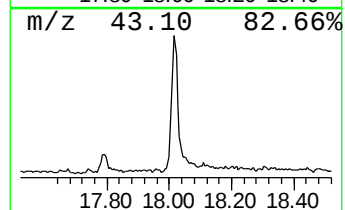
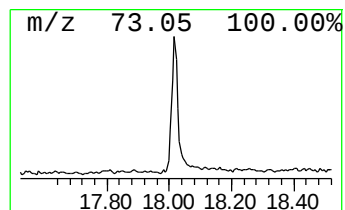
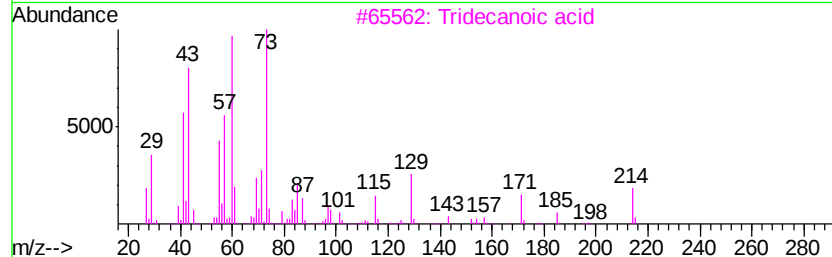
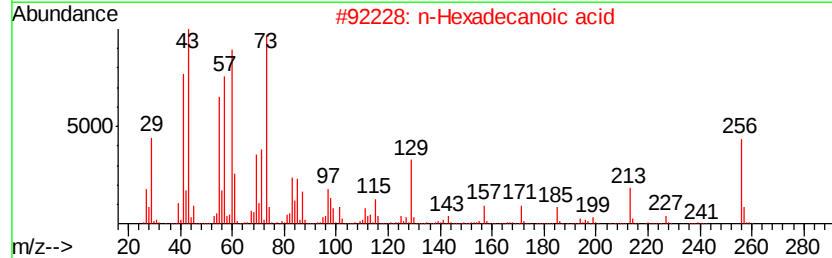
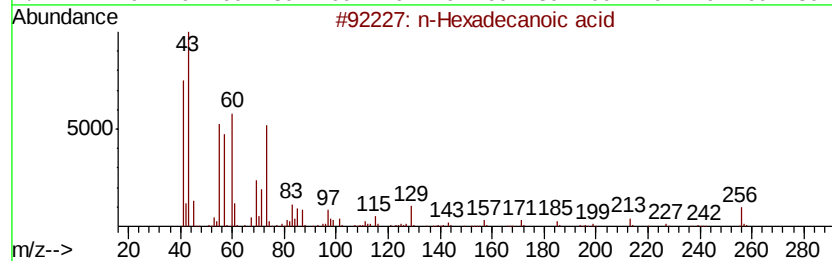
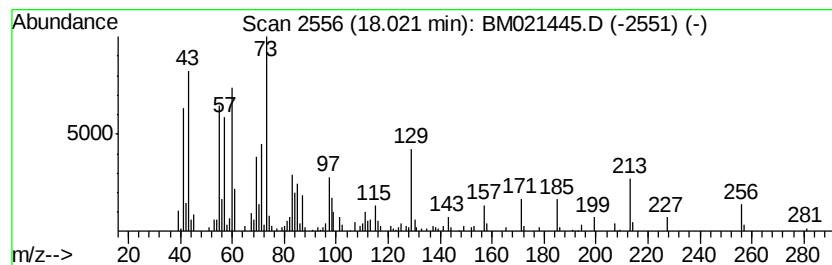
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.02	2.48 ng/ul	306078	Phenanthrene-d10		17.13	
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	Tridecanoic acid		214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	74
5	Tridecanoic acid		214	C13H26O2	000638-53-9	68



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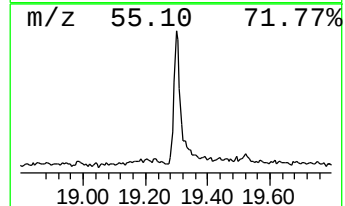
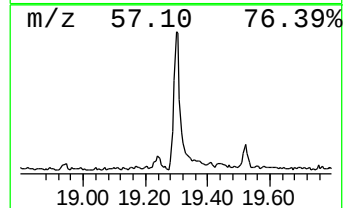
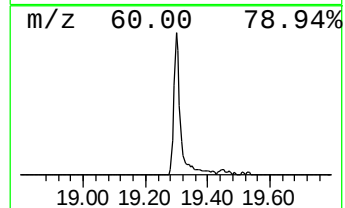
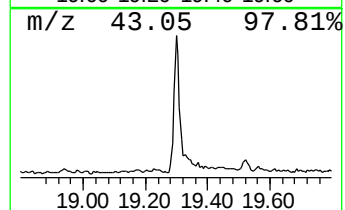
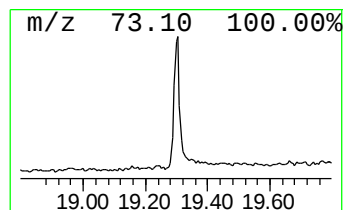
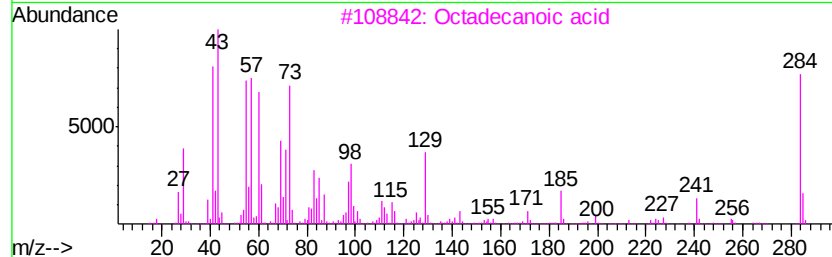
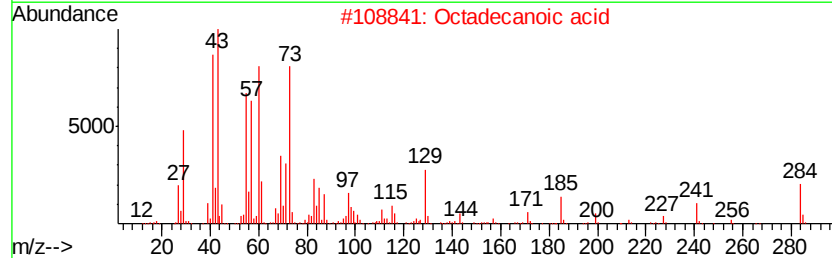
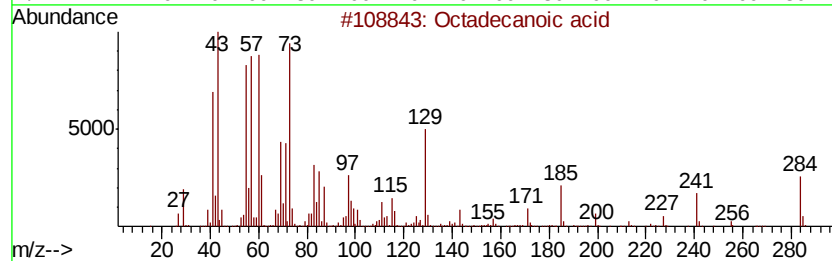
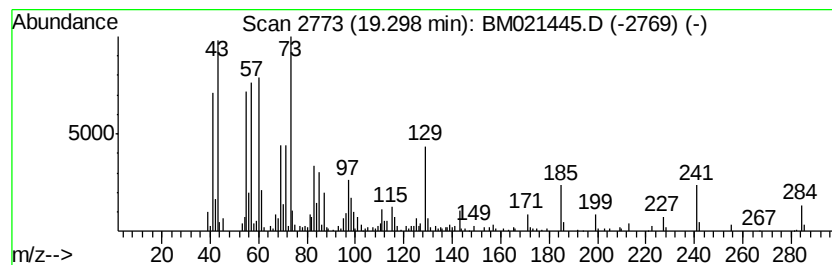
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Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.30	3.29 ng/ul	485273	Chrysene-d12		21.31		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91



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Data File : BM021445.D
Acq On : 12 Jul 2019 01:40
Operator : HP/JU
Sample : K3762-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF490

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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
(DEL) Alkane: Cyc...	15.03	2.4	ng/ul	246516	3	14.37	2017120	20.0
7,9-Di-tert-butyl...	17.79	2.6	ng/ul	327267	4	17.13	2466580	20.0
n-Hexadecanoic acid	18.02	2.5	ng/ul	306078	4	17.13	2466580	20.0
Octadecanoic acid	19.30	3.3	ng/ul	485273	5	21.31	2946610	20.0