

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018174.D
 Acq On : 14 Dec 2018 18:56
 Operator : JU/SJ
 Sample : J6297-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E41

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-BM121318MA.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	3.104	33	37	45	rVB	21984	31071	1.15%	0.097%
2	3.363	79	81	84	rVB4	3349	3219	0.12%	0.010%
3	3.593	118	120	126	rVB4	2876	3567	0.13%	0.011%
4	3.704	134	139	143	rVB3	11424	16551	0.61%	0.052%
5	3.799	150	155	159	rVB4	3675	6730	0.25%	0.021%
6	3.899	169	172	176	rVB4	7699	10174	0.38%	0.032%
7	4.204	222	224	228	rVB3	2548	2973	0.11%	0.009%
8	4.675	299	304	306	rBV	15314	19787	0.73%	0.062%
9	4.699	306	308	314	rVB3	10955	16081	0.60%	0.050%
10	5.934	513	518	524	rBV3	7822	12781	0.47%	0.040%
11	6.704	642	649	666	rVV	385050	759090	28.11%	2.372%
12	6.863	669	676	686	rBV	341236	528761	19.58%	1.652%
13	7.045	699	707	718	rBV	449637	740266	27.42%	2.313%
14	7.351	754	759	762	rBV2	1884	2838	0.11%	0.009%
15	7.504	779	785	794	rBV	501808	818059	30.30%	2.556%
16	7.587	797	799	803	rVB3	3296	4324	0.16%	0.014%
17	8.222	901	907	921	rBV	491956	876678	32.47%	2.739%
18	8.351	928	929	934	rVB2	3556	2747	0.10%	0.009%
19	8.663	975	982	998	rBV	425491	709319	26.27%	2.216%
20	9.045	1042	1047	1052	rBV2	13235	17117	0.63%	0.053%
21	9.375	1097	1103	1115	rBV	359080	608578	22.54%	1.902%
22	9.910	1187	1194	1214	rBV	503773	940903	34.85%	2.940%
23	10.039	1214	1216	1220	rVB3	3284	4070	0.15%	0.013%
24	10.269	1248	1255	1270	rVB	734995	1240963	45.96%	3.877%
25	10.433	1276	1283	1306	rBV	367106	806766	29.88%	2.521%
26	10.680	1323	1325	1330	rVB3	1531	2732	0.10%	0.009%
27	11.904	1528	1533	1539	rBV3	4970	9891	0.37%	0.031%
28	13.121	1738	1740	1744	rBV4	4340	4723	0.17%	0.015%
29	13.457	1793	1797	1805	rVB2	25448	36468	1.35%	0.114%
30	13.586	1811	1819	1824	rBV	1038323	1464593	54.24%	4.576%
31	13.633	1824	1827	1837	rVB	141647	214001	7.93%	0.669%
32	13.851	1857	1864	1878	rBV	1180254	1732045	64.15%	5.412%
33	13.998	1885	1889	1894	rVB5	19037	25865	0.96%	0.081%
34	14.074	1898	1902	1905	rVV2	3951	3961	0.15%	0.012%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
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35	14.163	1910	1917	1926	rBV2	1139220	1729273	64.05%	5.403%
36	14.257	1931	1933	1936	rBV2	4907	5637	0.21%	0.018%
37	14.410	1953	1959	1971	rBV2	224071	509195	18.86%	1.591%
38	14.633	1992	1997	2001	rVB5	6648	13335	0.49%	0.042%
39	15.027	2061	2064	2069	rBV3	4057	5969	0.22%	0.019%
40	15.163	2081	2087	2098	rBV	1591828	2341414	86.72%	7.316%
41	15.315	2107	2113	2122	rBV	337187	524405	19.42%	1.639%
42	15.410	2125	2129	2133	rVV2	16998	20320	0.75%	0.063%
43	15.904	2207	2213	2218	rBV5	4355	7825	0.29%	0.024%
44	16.121	2248	2250	2253	rBV3	3616	2727	0.10%	0.009%
45	16.304	2277	2281	2284	rVB2	2827	2875	0.11%	0.009%
46	16.480	2305	2311	2313	rBV4	2118	4085	0.15%	0.013%
47	16.704	2348	2349	2355	rVB2	5253	6067	0.22%	0.019%
48	16.845	2371	2373	2377	rVB3	4028	4222	0.16%	0.013%
49	16.921	2380	2386	2392	rVV2	1453619	2036048	75.41%	6.362%
50	16.962	2392	2393	2397	rVV2	7952	9280	0.34%	0.029%
51	17.021	2397	2403	2415	rVV2	1650407	2387244	88.42%	7.459%
52	17.121	2418	2420	2424	rVB3	3130	3707	0.14%	0.012%
53	17.727	2519	2523	2526	rVB3	3677	5195	0.19%	0.016%
54	17.780	2526	2532	2534	rBV5	2748	5758	0.21%	0.018%
55	17.839	2536	2542	2552	rBV2	150783	246918	9.15%	0.771%
56	17.974	2561	2565	2567	rVB4	2740	3570	0.13%	0.011%
57	18.127	2589	2591	2596	rVV5	3653	6530	0.24%	0.020%
58	18.651	2676	2680	2683	rVB4	3922	6056	0.22%	0.019%
59	18.792	2702	2704	2708	rBV4	5518	6295	0.23%	0.020%
60	18.933	2726	2728	2730	rBV2	4681	5956	0.22%	0.019%
61	18.968	2730	2734	2739	rVV2	16441	31948	1.18%	0.100%
62	19.003	2739	2740	2743	rBV3	5427	6294	0.23%	0.020%
63	19.133	2756	2762	2768	rBV2	72220	124921	4.63%	0.390%
64	19.221	2773	2777	2781	rVB	14539	23149	0.86%	0.072%
65	19.333	2790	2796	2805	rBV	2025226	2700013	100.00%	8.436%
66	19.398	2805	2807	2809	rVB3	10361	8574	0.32%	0.027%
67	19.545	2830	2832	2835	rVB4	5501	5000	0.19%	0.016%
68	19.621	2842	2845	2848	rBV4	7455	12063	0.45%	0.038%
69	19.874	2884	2888	2890	rBV4	8881	12790	0.47%	0.040%
70	19.898	2890	2892	2894	rVB3	8839	7749	0.29%	0.024%
71	19.921	2894	2896	2899	rBV4	6192	7046	0.26%	0.022%

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72	20.509	2993	2996	2999	rBV5	14720	19801	0.73%	0.062%
73	20.868	3053	3057	3065	rBV2	163523	214125	7.93%	0.669%
74	21.145	3098	3104	3115	rBV	1568910	2203554	81.61%	6.885%
75	22.174	3276	3279	3283	rBV3	65651	79090	2.93%	0.247%
76	22.656	3358	3361	3365	rVB4	106296	139063	5.15%	0.435%
77	23.168	3442	3448	3457	rVB	1118049	2145656	79.47%	6.704%
78	23.303	3465	3471	3479	rVB2	955855	1716602	63.58%	5.364%
79	23.797	3550	3555	3560	rVB4	152977	279713	10.36%	0.874%
80	25.591	3855	3860	3872	rVB8	267838	690383	25.57%	2.157%

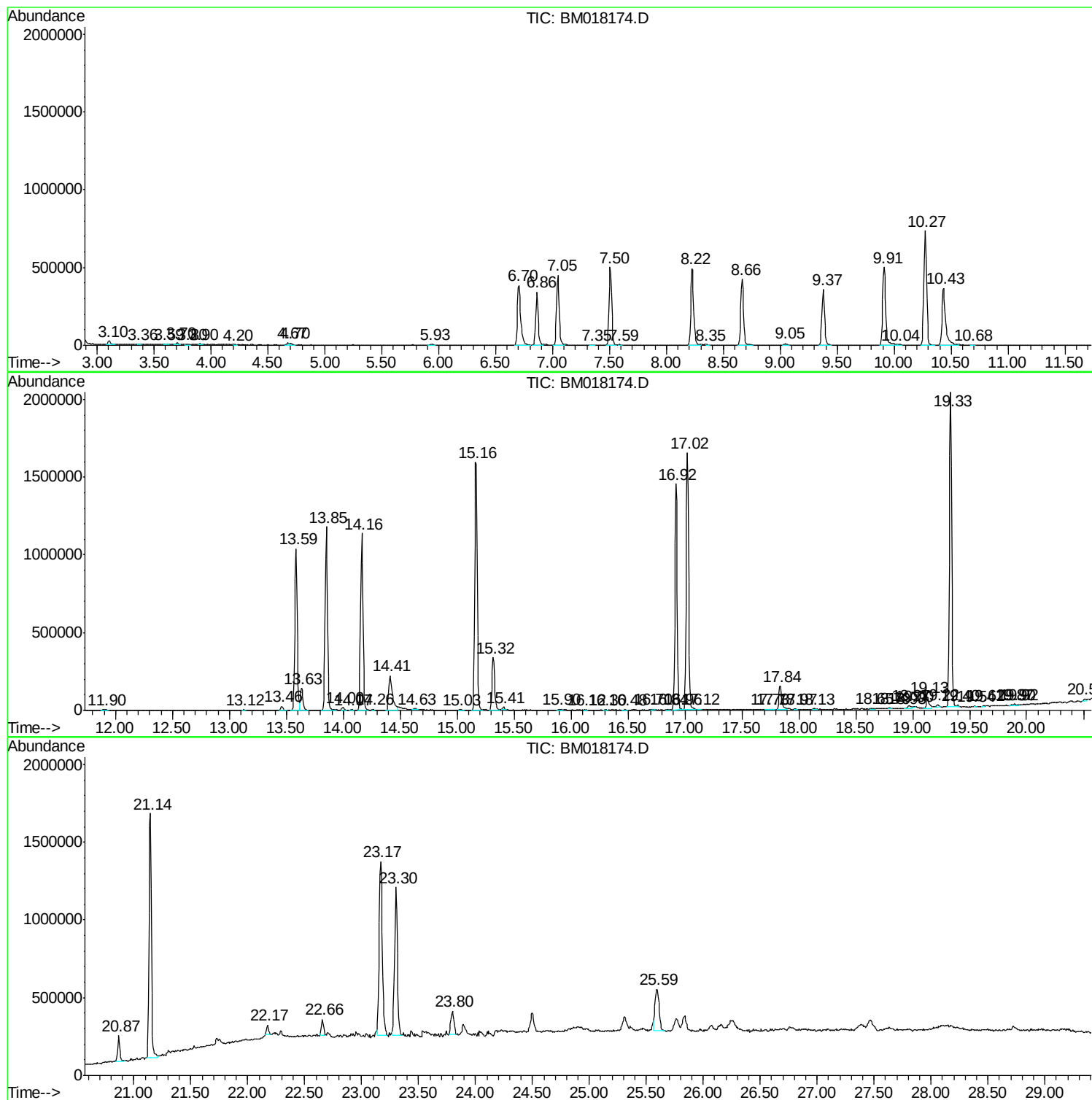
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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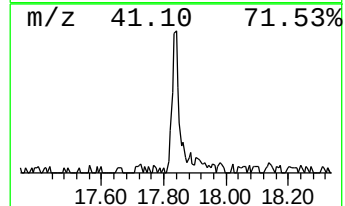
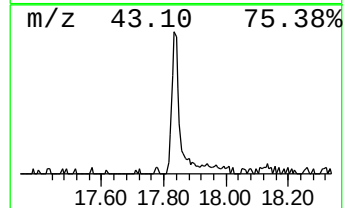
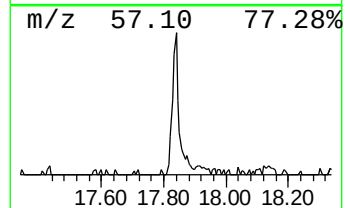
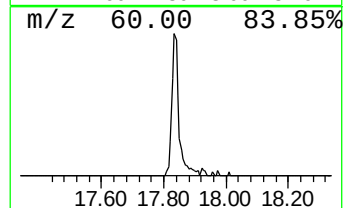
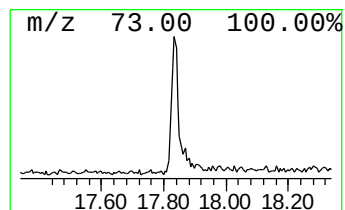
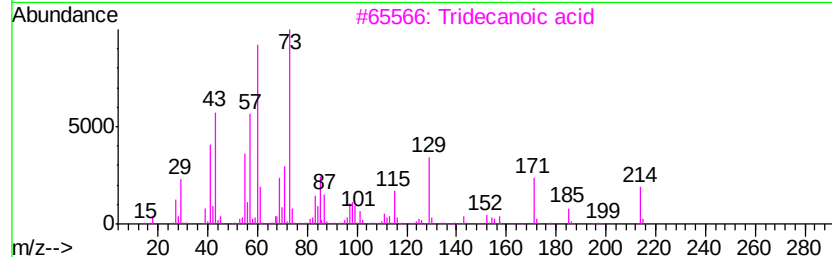
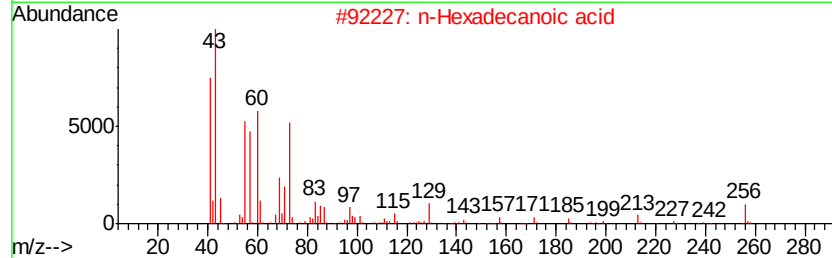
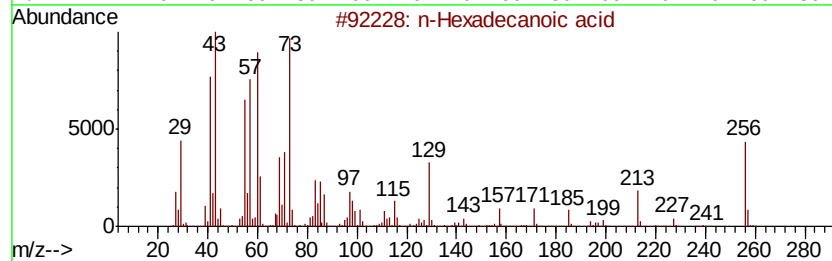
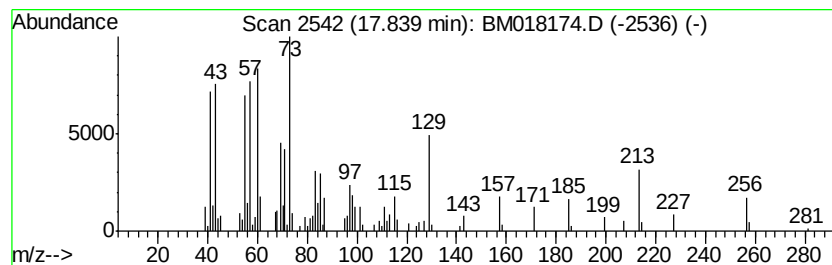
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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.	
17.84	2.43 ng/ul	246918	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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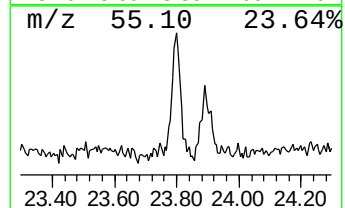
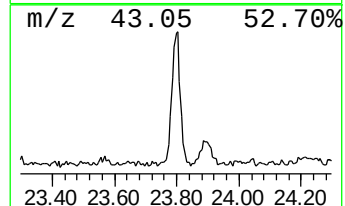
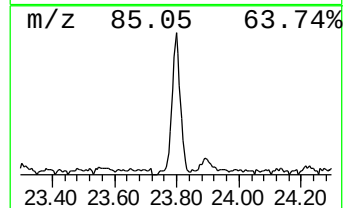
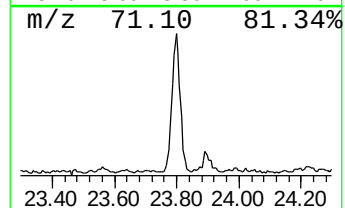
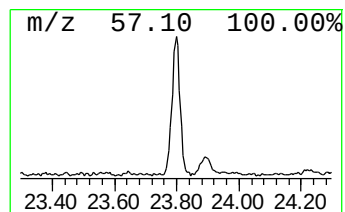
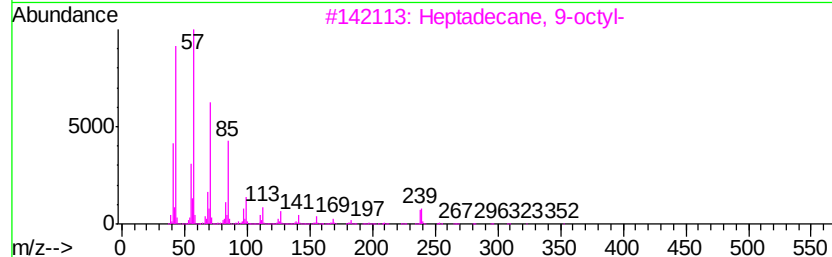
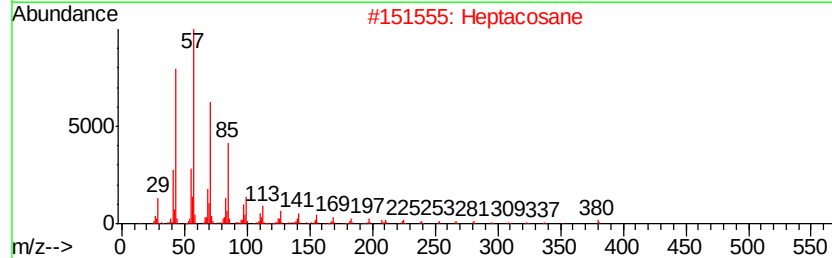
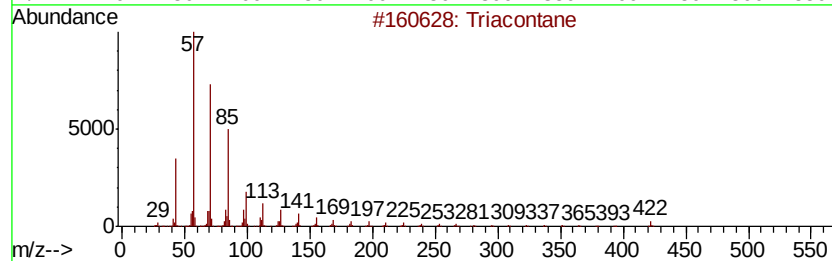
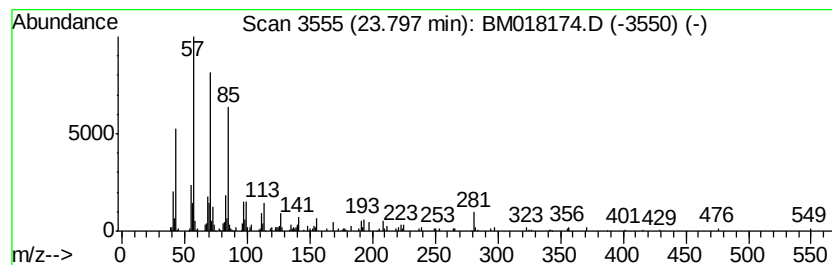
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.26 ng/ul	279713	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Nonacosane	408	C29H60	000630-03-5	87
5		Tetratetracontane	619	C44H90	007098-22-8	86



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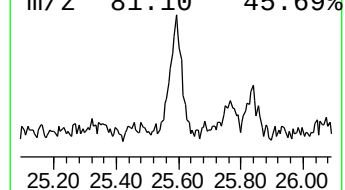
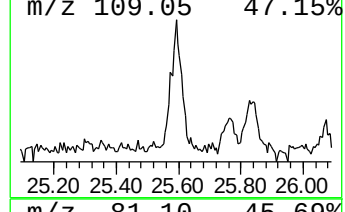
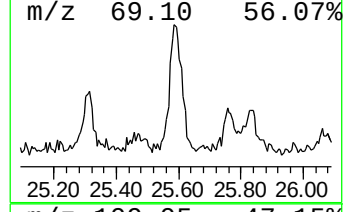
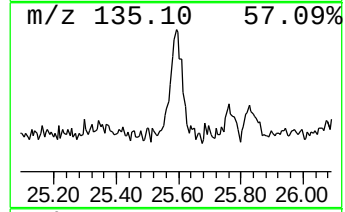
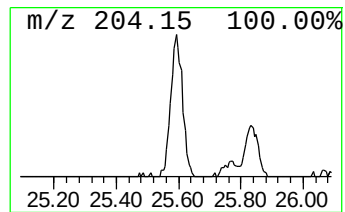
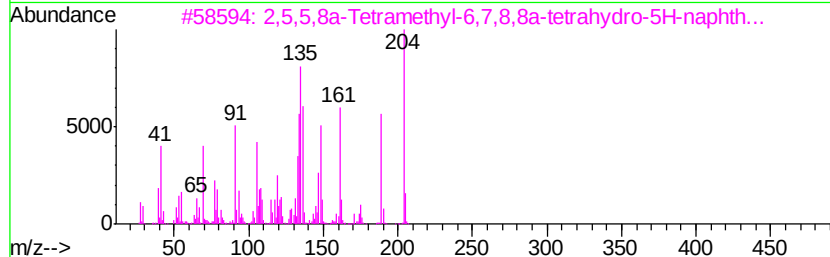
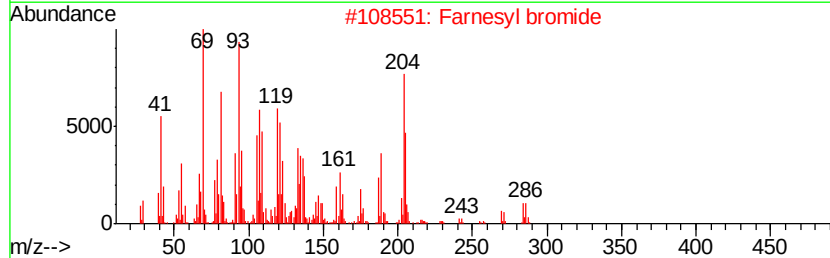
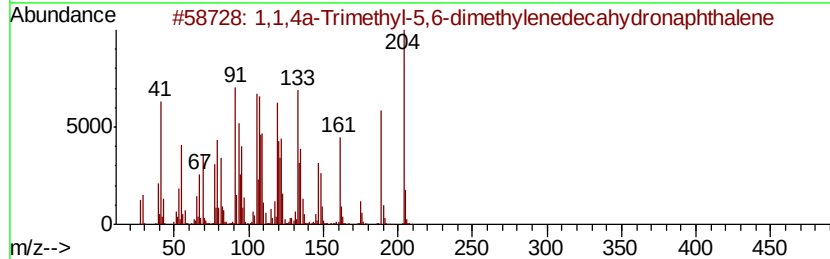
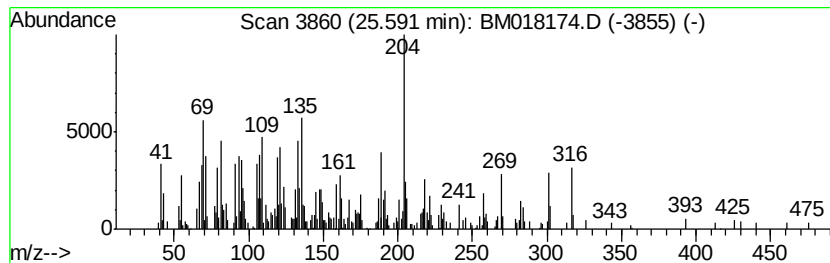
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	8.04 ng/ul	690383	Perylene-d12	23.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8	70
2	Farnesyl bromide	284 C15H25Br	006874-67-5	64
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204 C14H200	124957-09-1	60
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204 C15H24	004630-07-3	58
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204 C15H24	000560-32-7	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	2.4	ng/ul	246918	4	16.92	2036050	20.0
(DEL) Alkane: Str...	23.80	3.3	ng/ul	279713	6	23.30	1716600	20.0
1,1,4a-Trimethyl-...	25.59	8.0	ng/ul	690383	6	23.30	1716600	20.0