

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018177.D
 Acq On : 14 Dec 2018 20:45
 Operator : JU/SJ
 Sample : J6297-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E42

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	34	37	44	rVB	29977	39083	1.15%	0.103%
2	3.375	80	83	88	rBV	15429	25595	0.75%	0.067%
3	3.704	134	139	145	rVB2	7632	13003	0.38%	0.034%
4	3.904	168	173	177	rBV4	6275	10352	0.30%	0.027%
5	4.675	298	304	307	rBV2	9477	14504	0.43%	0.038%
6	5.934	514	518	522	rBV2	4733	7119	0.21%	0.019%
7	6.698	642	648	662	rBV2	508505	1005910	29.48%	2.652%
8	6.863	669	676	687	rBV	443711	689752	20.22%	1.818%
9	7.045	700	707	715	rBV	584865	937834	27.49%	2.472%
10	7.504	779	785	795	rBV	499526	790040	23.16%	2.083%
11	7.581	795	798	804	rVB3	4215	6908	0.20%	0.018%
12	8.222	901	907	922	rBV	690387	1163997	34.12%	3.069%
13	8.663	974	982	994	rBV	562601	923215	27.06%	2.434%
14	9.045	1041	1047	1051	rBV2	14727	18929	0.55%	0.050%
15	9.375	1096	1103	1113	rBV	487174	814448	23.87%	2.147%
16	9.910	1187	1194	1219	rBV	685202	1254789	36.78%	3.308%
17	10.269	1246	1255	1263	rBV	721983	1214693	35.60%	3.202%
18	10.427	1276	1282	1304	rBV	563806	1179602	34.57%	3.110%
19	11.898	1527	1532	1540	rVB4	6545	13767	0.40%	0.036%
20	13.463	1794	1798	1801	rBV2	8760	9831	0.29%	0.026%
21	13.586	1812	1819	1824	rBV	1332612	1893973	55.51%	4.993%
22	13.633	1824	1827	1835	rVB	262483	362506	10.63%	0.956%
23	13.851	1857	1864	1877	rBV	1575901	2312988	67.80%	6.098%
24	14.004	1886	1890	1892	rBV3	4457	3752	0.11%	0.010%
25	14.068	1897	1901	1905	rBV3	3627	4378	0.13%	0.012%
26	14.163	1910	1917	1927	rBV2	1091292	1686949	49.45%	4.447%
27	14.410	1953	1959	1973	rBV	362693	769691	22.56%	2.029%
28	14.615	1989	1994	2003	rVB6	8478	21311	0.62%	0.056%
29	14.774	2018	2021	2025	rVB3	2538	4346	0.13%	0.011%
30	14.968	2052	2054	2058	rVV2	3689	4950	0.15%	0.013%
31	15.027	2060	2064	2069	rVB3	6059	10002	0.29%	0.026%
32	15.168	2081	2088	2101	rVB	1961962	2846754	83.44%	7.505%
33	15.315	2108	2113	2124	rBV	494503	744903	21.83%	1.964%
34	15.409	2125	2129	2133	rVB2	23767	34209	1.00%	0.090%

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35	15.892	2207	2211	2217	rVB5	5482	10271	0.30%	0.027%
36	15.951	2217	2221	2222	rBV3	4767	4907	0.14%	0.013%
37	16.115	2246	2249	2253	rVB4	3175	3637	0.11%	0.010%
38	16.304	2278	2281	2282	rBV2	4251	3959	0.12%	0.010%
39	16.703	2343	2349	2353	rBV4	5904	14183	0.42%	0.037%
40	16.921	2380	2386	2394	rBV	1529015	2005416	58.78%	5.287%
41	17.021	2397	2403	2413	rBV2	2053898	3062390	89.76%	8.073%
42	17.221	2433	2437	2438	rBV3	2910	3855	0.11%	0.010%
43	17.427	2468	2472	2475	rVB3	3774	6201	0.18%	0.016%
44	17.615	2501	2504	2507	rVV3	5293	5174	0.15%	0.014%
45	17.839	2536	2542	2556	rBV	263676	419680	12.30%	1.106%
46	18.121	2586	2590	2592	rBV2	3180	3947	0.12%	0.010%
47	18.515	2652	2657	2659	rBV4	3615	4517	0.13%	0.012%
48	18.586	2667	2669	2671	rBV3	4930	3683	0.11%	0.010%
49	18.639	2675	2678	2681	rBV3	3898	4802	0.14%	0.013%
50	18.703	2687	2689	2693	rVB4	4359	5633	0.17%	0.015%
51	18.768	2695	2700	2702	rVV5	9115	12824	0.38%	0.034%
52	18.792	2702	2704	2707	rVB3	10539	11970	0.35%	0.032%
53	18.886	2718	2720	2723	rVB4	3528	3624	0.11%	0.010%
54	18.962	2730	2733	2734	rBV	22180	19889	0.58%	0.052%
55	19.009	2738	2741	2748	rVB8	15131	26541	0.78%	0.070%
56	19.133	2757	2762	2768	rBV2	139628	208873	6.12%	0.551%
57	19.221	2773	2777	2780	rVB	22034	27251	0.80%	0.072%
58	19.280	2783	2787	2789	rBV5	7023	9467	0.28%	0.025%
59	19.333	2789	2796	2804	rBV	2461269	3411722	100.00%	8.994%
60	19.868	2885	2887	2890	rBV4	10108	10493	0.31%	0.028%
61	20.862	3052	3056	3062	rBV2	185306	248015	7.27%	0.654%
62	21.139	3098	3103	3112	rBV	1574421	2129753	62.42%	5.615%
63	22.650	3357	3360	3364	rVB2	94663	119085	3.49%	0.314%
64	23.162	3441	3447	3459	rVB	1350326	2629001	77.06%	6.931%
65	23.297	3464	3470	3480	rVB	876976	1635102	47.93%	4.311%
66	25.591	3853	3860	3870	rVB4	414487	1031508	30.23%	2.719%

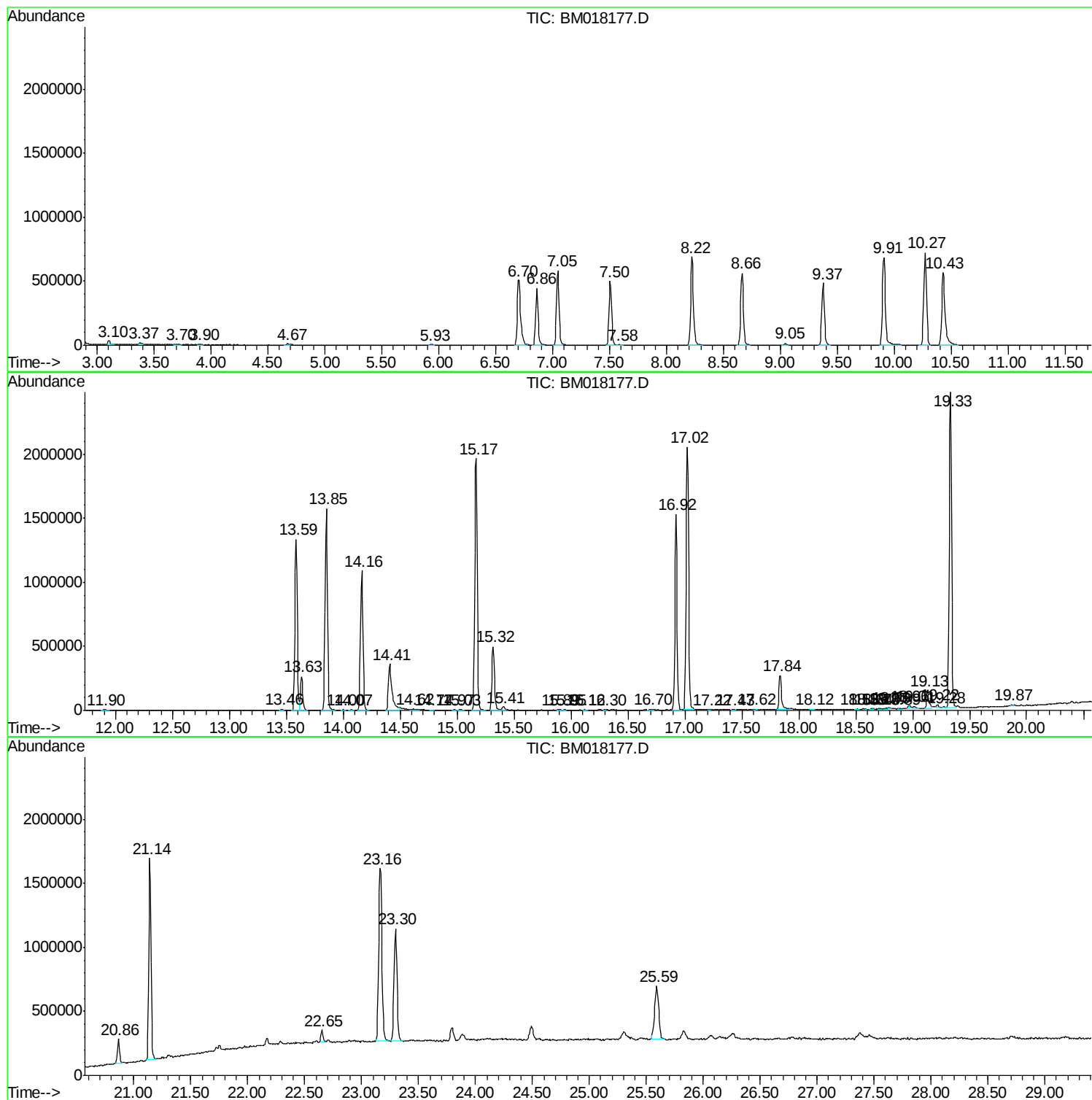
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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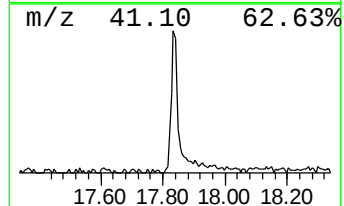
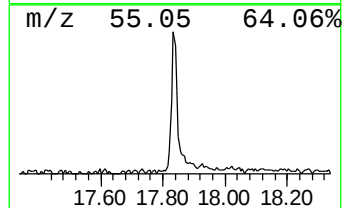
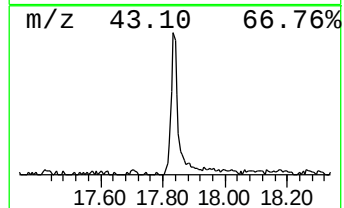
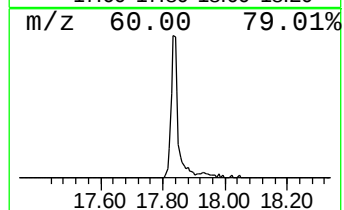
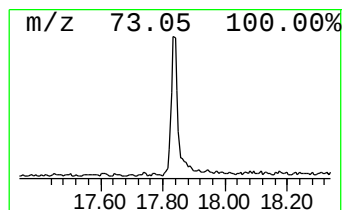
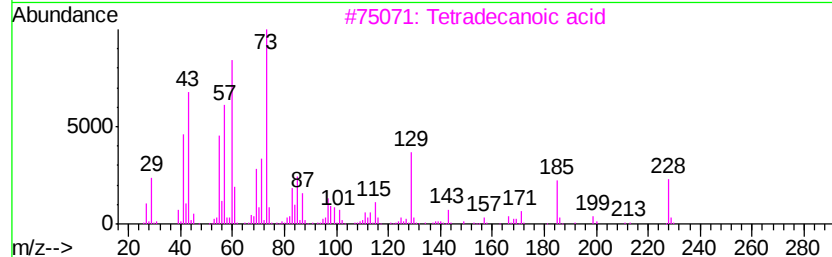
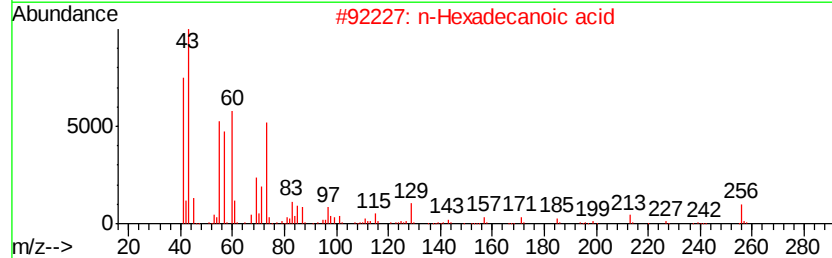
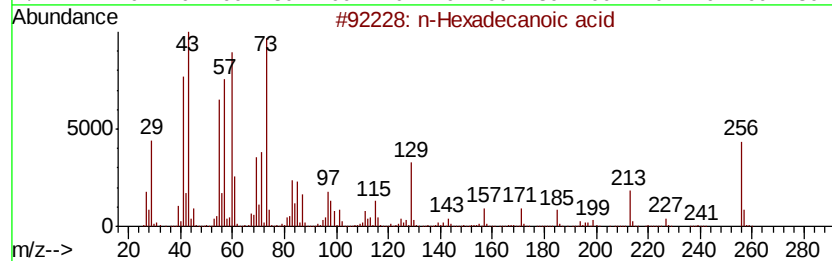
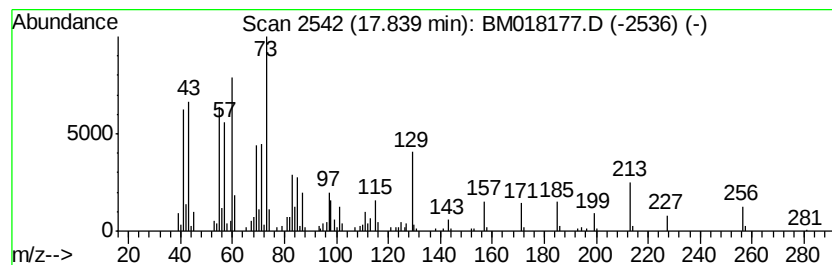
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	4.19 ng/ul	419680	Phenanthrene-d10		16.92
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62



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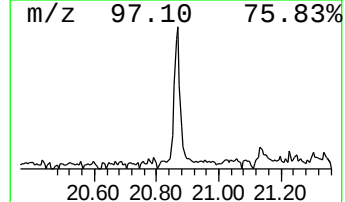
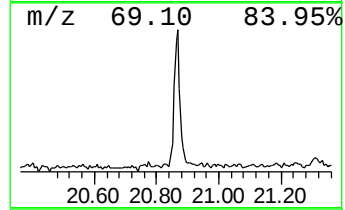
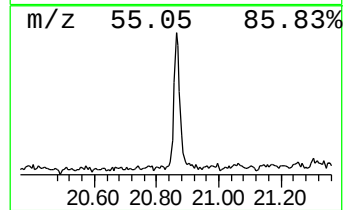
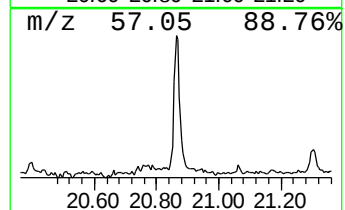
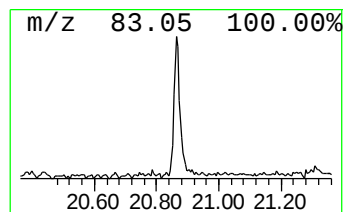
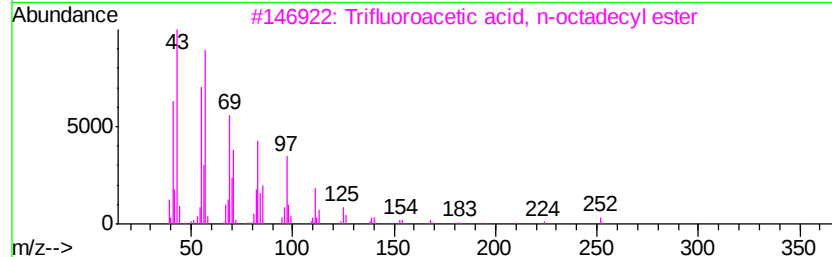
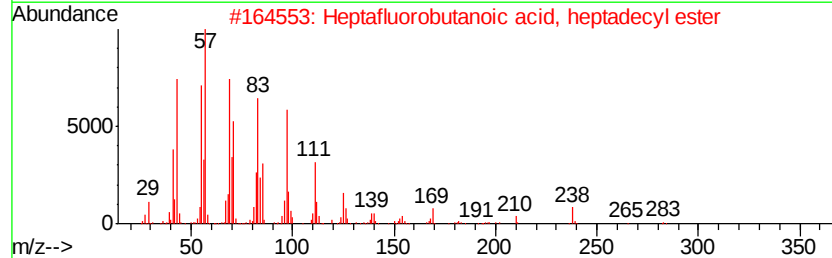
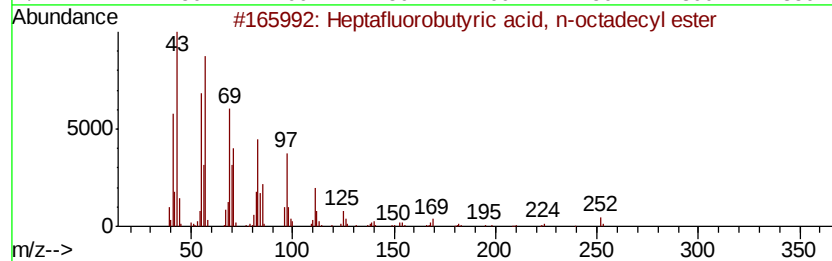
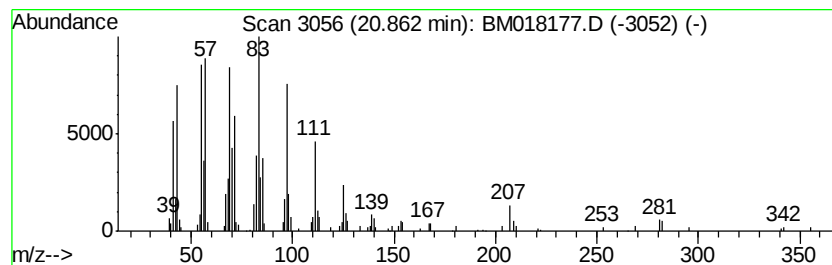
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.33 ng/ul	248015	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
2		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	91
3		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	90
4		1-Octadecanol	270	C18H38O	000112-92-5	90
5		1-Heptadecanol	256	C17H36O	001454-85-9	87



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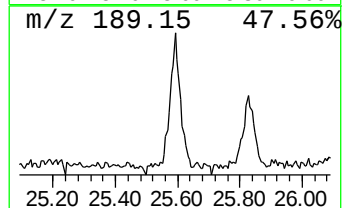
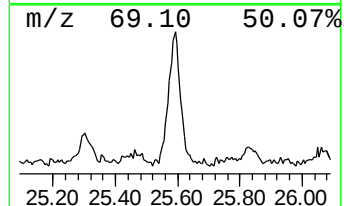
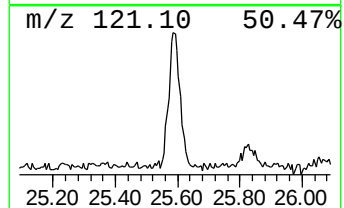
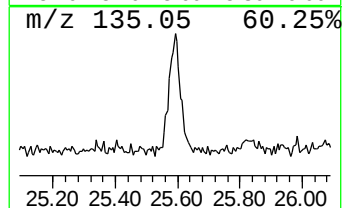
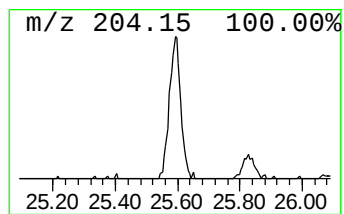
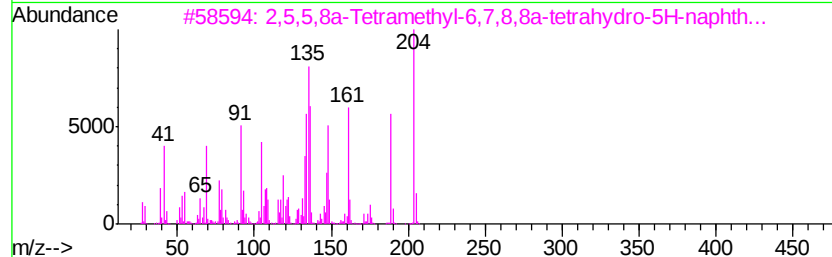
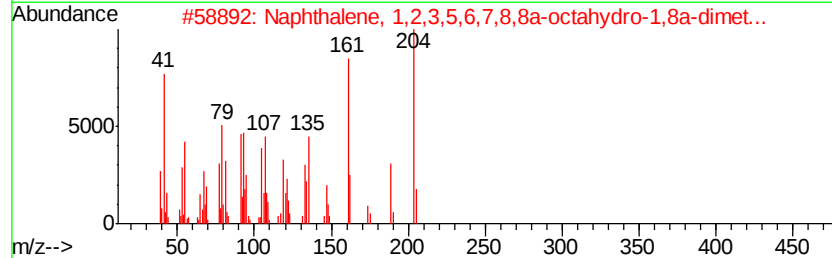
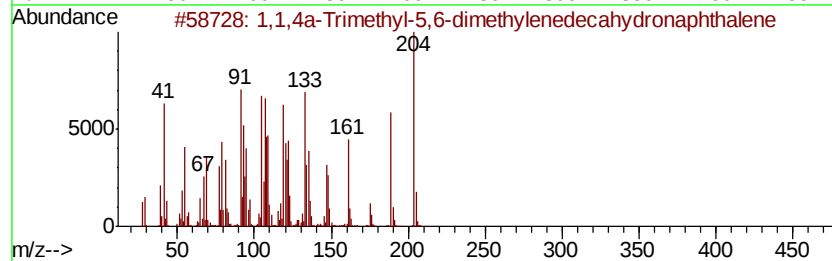
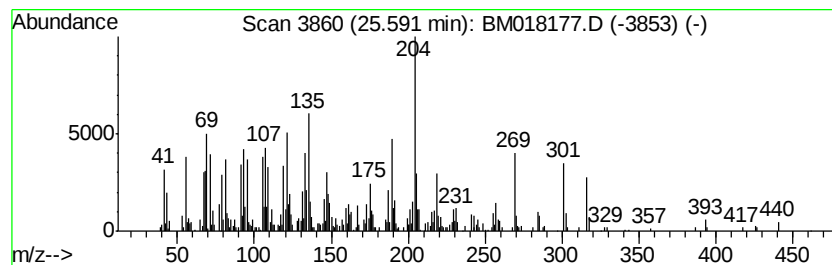
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Peak Number 3 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	12.62 ng/ul	1031510	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	83
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	58
3		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	45
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	4.2	ng/ul	419680	4	16.92	2005420	20.0
Heptafluorobutyri...	20.86	2.3	ng/ul	248015	5	21.14	2129750	20.0
1,1,4a-Trimethyl-...	25.59	12.6	ng/ul	1031510	6	23.30	1635100	20.0