

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018142.D
 Acq On : 13 Dec 2018 23:07
 Operator : JU/SJ
 Sample : J6271-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E27

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	3.105	32	37	46	rBV	21006	30826	0.79%	0.085%
2	3.369	77	82	84	rBV4	3386	4130	0.11%	0.011%
3	3.699	133	138	143	rBV	5194	6729	0.17%	0.018%
4	3.899	167	172	179	rBV6	5333	9859	0.25%	0.027%
5	4.675	300	304	307	rBV	6759	9927	0.25%	0.027%
6	4.704	307	309	312	rVB2	5226	4895	0.13%	0.013%
7	5.940	515	519	524	rBV	4494	8391	0.21%	0.023%
8	6.704	643	649	664	rBV2	441051	883099	22.61%	2.426%
9	6.863	670	676	686	rBV	393819	601994	15.41%	1.654%
10	7.046	701	707	718	rBV	498238	816610	20.91%	2.244%
11	7.510	780	786	795	rBV	422331	689130	17.65%	1.893%
12	8.228	901	908	922	rBV	604760	1028833	26.34%	2.827%
13	8.669	976	983	992	rBV	487867	811025	20.77%	2.228%
14	9.051	1043	1048	1056	rBV2	12037	18494	0.47%	0.051%
15	9.381	1097	1104	1113	rBV	425043	723270	18.52%	1.987%
16	9.910	1188	1194	1204	rBV	563132	1035076	26.50%	2.844%
17	10.275	1249	1256	1267	rBV	655314	1056688	27.06%	2.903%
18	10.439	1277	1284	1305	rBV	395838	909114	23.28%	2.498%
19	11.910	1529	1534	1538	rBV2	5658	11336	0.29%	0.031%
20	13.592	1813	1820	1825	rBV	1254072	1874028	47.99%	5.149%
21	13.639	1825	1828	1840	rVB	159732	227333	5.82%	0.625%
22	13.857	1858	1865	1880	rBV	1451389	2150690	55.07%	5.909%
23	14.169	1911	1918	1928	rVB2	816471	1277298	32.71%	3.509%
24	14.410	1953	1959	1973	rBV	321429	655112	16.77%	1.800%
25	14.621	1992	1995	1999	rVB3	3784	4487	0.11%	0.012%
26	15.027	2061	2064	2069	rVB4	4225	6046	0.15%	0.017%
27	15.169	2082	2088	2102	rBV	1710038	2401522	61.49%	6.598%
28	15.321	2108	2114	2123	rBV	513824	797043	20.41%	2.190%
29	15.410	2126	2129	2136	rVB	21242	27451	0.70%	0.075%
30	16.080	2239	2243	2247	rVB3	3139	4029	0.10%	0.011%
31	16.316	2276	2283	2285	rBV3	2568	4211	0.11%	0.012%
32	16.368	2289	2292	2296	rBV4	3556	4623	0.12%	0.013%
33	16.715	2344	2351	2353	rBV3	5409	9426	0.24%	0.026%
34	16.927	2381	2387	2395	rBV2	1174508	1611501	41.26%	4.427%

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35	17.027	2397	2404	2418	rVB2	1814264	2692339	68.94%	7.397%
36	17.710	2516	2520	2525	rBV2	5056	7162	0.18%	0.020%
37	17.839	2536	2542	2551	rBV	248945	360813	9.24%	0.991%
38	18.127	2588	2591	2595	rBV3	3238	5646	0.14%	0.016%
39	18.280	2615	2617	2620	rVB3	3871	3980	0.10%	0.011%
40	18.315	2620	2623	2625	rBV2	4257	4938	0.13%	0.014%
41	18.662	2679	2682	2683	rBV2	3263	4248	0.11%	0.012%
42	18.709	2688	2690	2693	rBV4	5192	5825	0.15%	0.016%
43	18.768	2698	2700	2703	rBV3	5657	5513	0.14%	0.015%
44	18.892	2718	2721	2724	rBV4	4156	6896	0.18%	0.019%
45	18.974	2729	2735	2738	rBV2	20568	36242	0.93%	0.100%
46	19.133	2757	2762	2769	rBV2	141245	213359	5.46%	0.586%
47	19.221	2774	2777	2783	rVB	20487	30767	0.79%	0.085%
48	19.339	2790	2797	2804	rBV	2297231	3222086	82.50%	8.852%
49	19.398	2804	2807	2813	rVB5	22705	27169	0.70%	0.075%
50	19.874	2886	2888	2890	rBV2	6192	6116	0.16%	0.017%
51	19.992	2906	2908	2909	rBV2	5495	4205	0.11%	0.012%
52	20.286	2956	2958	2962	rVB2	26811	27576	0.71%	0.076%
53	20.398	2974	2977	2981	rVB5	18779	24143	0.62%	0.066%
54	20.433	2981	2983	2986	rBV4	10710	13580	0.35%	0.037%
55	20.868	3053	3057	3063	rBV	182387	229541	5.88%	0.631%
56	21.139	3098	3103	3112	rBV	1556455	2172854	55.64%	5.970%
57	21.309	3128	3132	3135	rBV5	27890	48892	1.25%	0.134%
58	21.727	3201	3203	3205	rBV2	39250	40201	1.03%	0.110%
59	23.168	3441	3448	3458	rBV	2188424	3905358	100.00%	10.730%
60	23.303	3465	3471	3482	rVB	1279026	2278830	58.35%	6.261%
61	23.797	3551	3555	3560	rBV4	83545	145378	3.72%	0.399%
62	25.597	3854	3861	3872	rVB4	450591	1160320	29.71%	3.188%

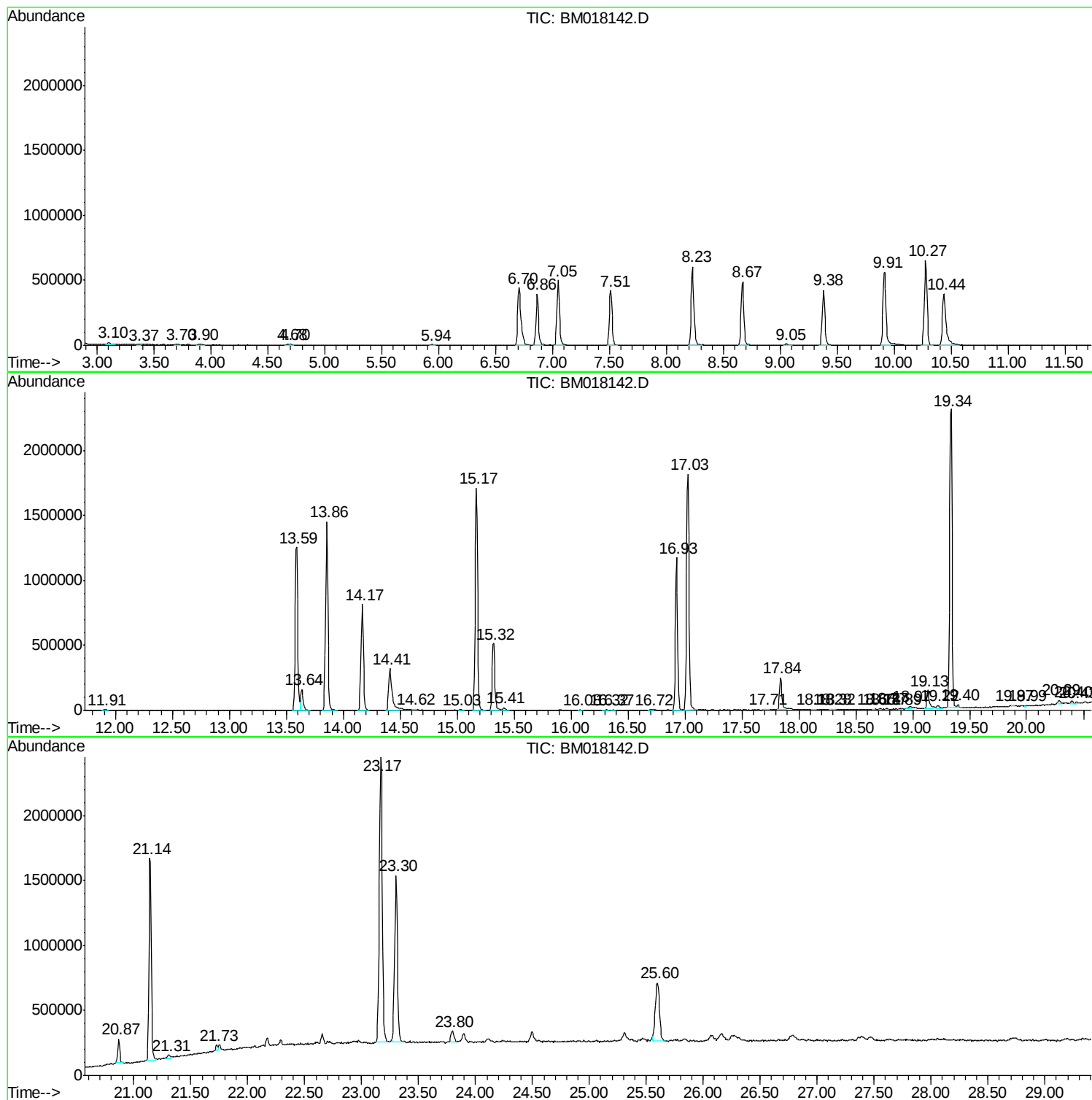
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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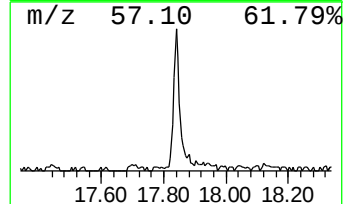
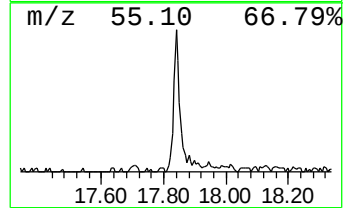
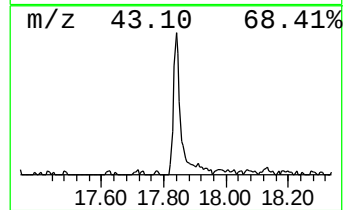
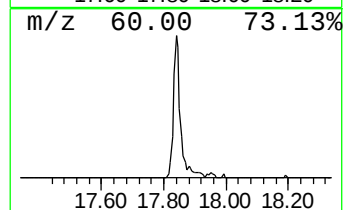
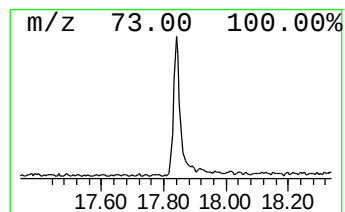
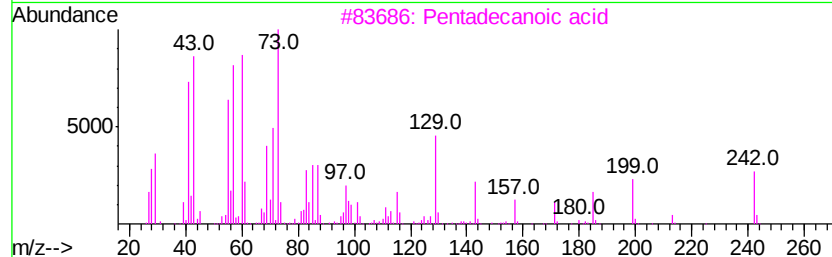
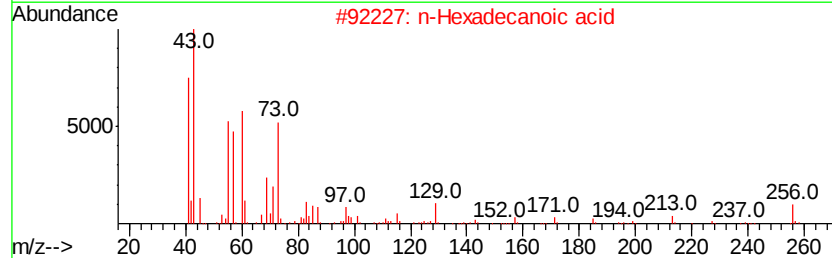
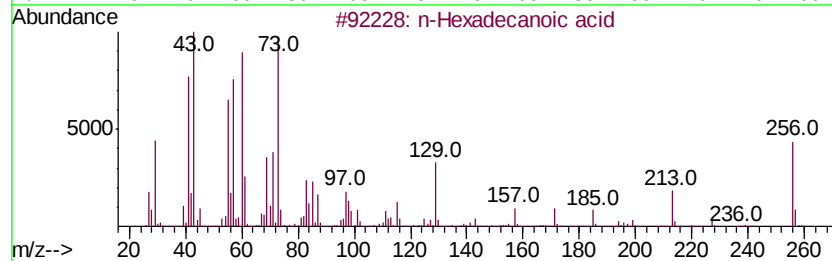
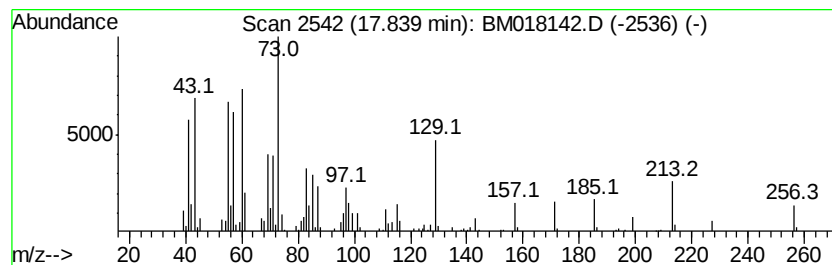
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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	4.48 ng/ul	360813	Phenanthrene-d10		16.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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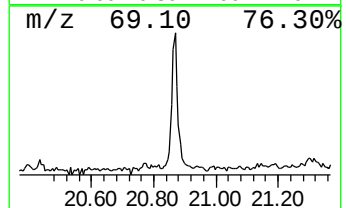
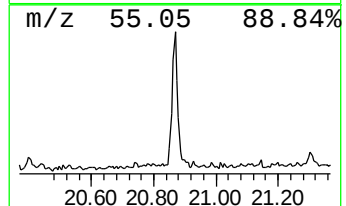
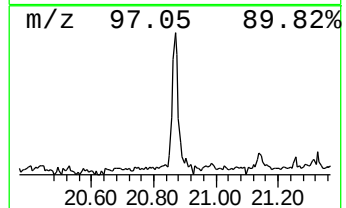
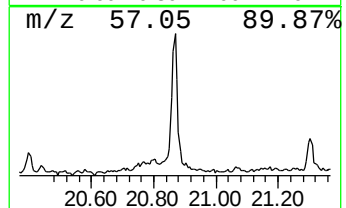
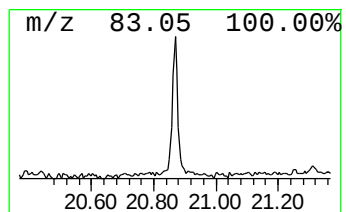
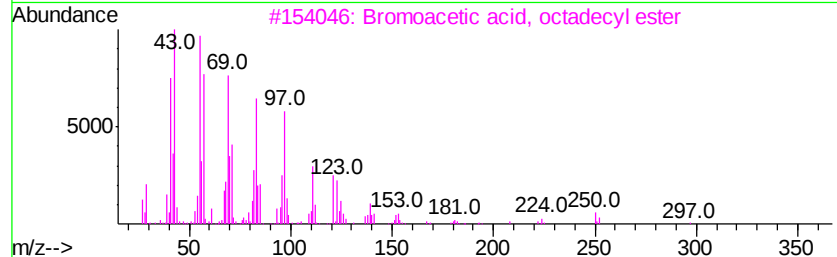
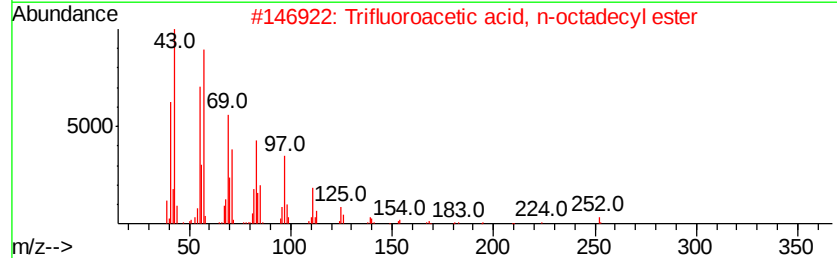
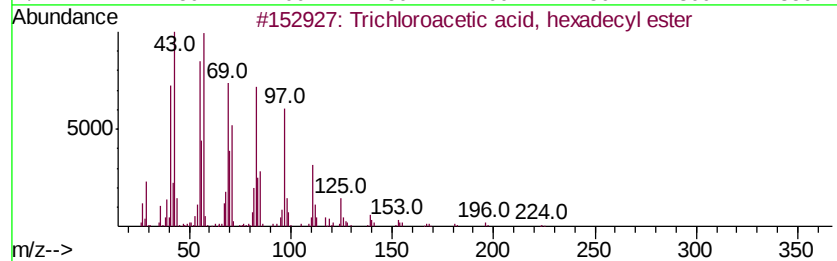
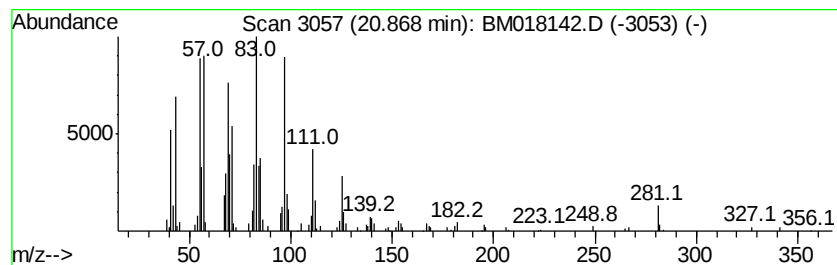
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.87	2.11 ng/ul	229541	Chrysene-d12	21.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87



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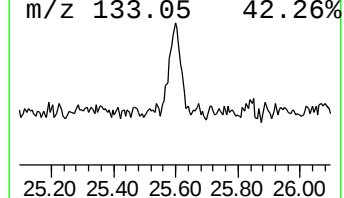
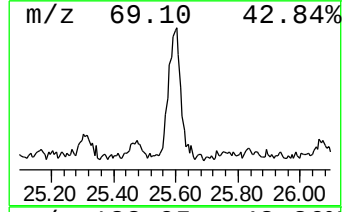
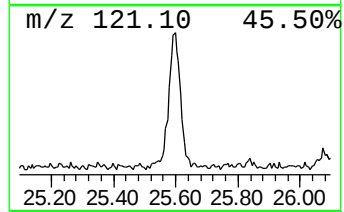
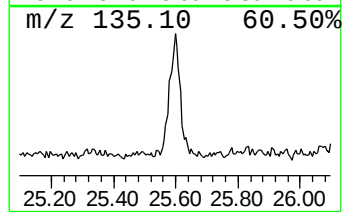
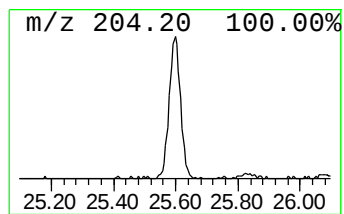
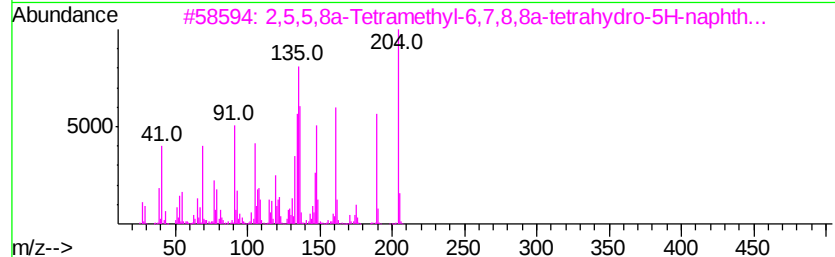
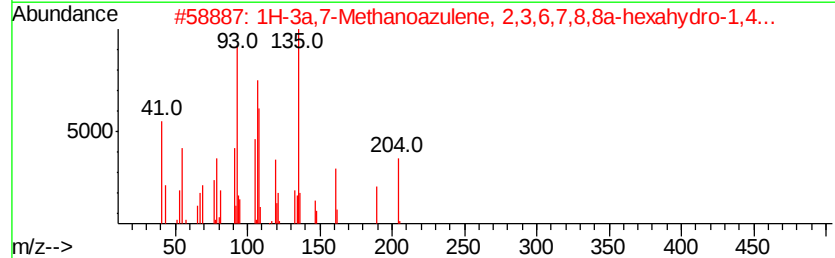
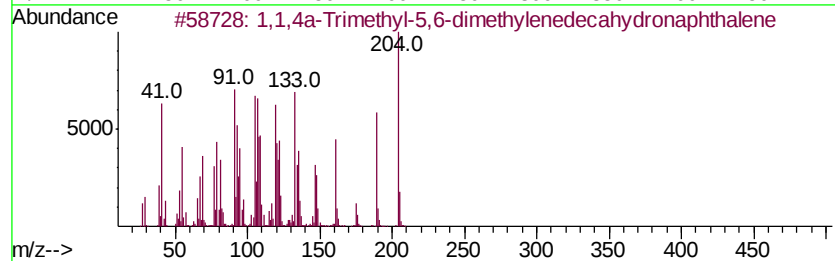
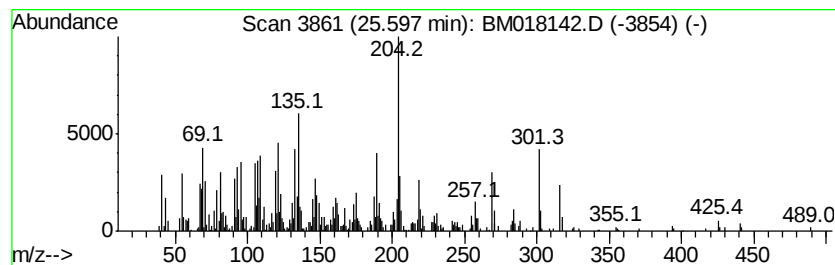
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Peak Number 3 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	10.18 ng/ul	1160320	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	50
2		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46
3		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46
4		Guaia-3,9-diene	204	C15H24	000489-83-8	45
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	4.5	ng/ul	360813	4	16.93	1611500	20.0
Trichloroacetic a...	20.87	2.1	ng/ul	229541	5	21.14	2172850	20.0
1,1,4a-Trimethyl-...	25.60	10.2	ng/ul	1160320	6	23.30	2278830	20.0