

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002655.D
 Acq On : 12 Sep 2018 15:21
 Operator : JU/SJ
 Sample : J4792-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z36

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_N\METHODS\SOM-EPA-BN081318MA.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	6.846	648	656	675	rBV	523016	933175	22.09%	1.879%
2	7.005	676	683	698	rVV	463453	739044	17.49%	1.488%
3	7.199	710	716	728	rVB	587745	946557	22.41%	1.906%
4	7.658	788	794	802	rBV	668927	1073162	25.40%	2.161%
5	8.369	909	915	930	rBV	565451	974347	23.06%	1.962%
6	8.810	983	990	1000	rBV	579287	987754	23.38%	1.989%
7	9.522	1105	1111	1123	rBV	507515	864192	20.46%	1.740%
8	9.722	1139	1145	1159	rBV	39324	102513	2.43%	0.206%
9	10.063	1196	1203	1217	rBV	702466	1297853	30.72%	2.613%
10	10.428	1258	1265	1273	rBV	1016212	1696805	40.16%	3.417%
11	10.569	1282	1289	1301	rBV	664163	1240650	29.37%	2.498%
12	13.116	1715	1722	1730	rBV	142788	214668	5.08%	0.432%
13	13.646	1805	1812	1817	rBV2	25107	55315	1.31%	0.111%
14	13.704	1817	1822	1827	rVV	1560011	2245985	53.16%	4.522%
15	13.751	1827	1830	1839	rVV	851451	1207821	28.59%	2.432%
16	13.822	1839	1842	1851	rVB	45299	66424	1.57%	0.134%
17	13.898	1851	1855	1860	rBV	33051	43335	1.03%	0.087%
18	13.981	1860	1869	1880	rBV	1808370	2739698	64.85%	5.516%
19	14.198	1901	1906	1912	rBV	275543	351825	8.33%	0.708%
20	14.293	1915	1922	1930	rVV2	1533048	2371984	56.15%	4.776%
21	14.522	1956	1961	1978	rBV	433799	927138	21.95%	1.867%
22	14.651	1978	1983	1989	rVB3	28214	66601	1.58%	0.134%
23	14.822	2008	2012	2017	rVB2	47581	70868	1.68%	0.143%
24	15.157	2064	2069	2074	rVB	183080	223276	5.29%	0.450%
25	15.292	2085	2092	2103	rVB	2314744	3436316	81.34%	6.919%
26	15.428	2109	2115	2128	rBV	671182	1029676	24.37%	2.073%
27	15.534	2128	2133	2136	rBV2	35061	59945	1.42%	0.121%
28	16.022	2211	2216	2218	rBV	69346	90631	2.15%	0.182%
29	17.045	2383	2390	2398	rBV2	1950826	2857183	67.63%	5.753%
30	17.139	2400	2406	2416	rVV2	2588649	3767781	89.19%	7.587%
31	17.951	2540	2544	2554	rBV	158093	308755	7.31%	0.622%
32	18.375	2613	2616	2622	rVB3	70780	90021	2.13%	0.181%
33	19.445	2792	2798	2805	rBV	3106216	4224666	100.00%	8.506%
34	19.575	2816	2820	2825	rVB	257559	290861	6.88%	0.586%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	20.380	2953	2957	2964	rVB	1160653	1303304	30.85%	2.624%
36	20.592	2991	2993	2997	rVB3	163558	164717	3.90%	0.332%
37	21.245	3099	3104	3109	rBV	2532924	3136476	74.24%	6.315%
38	21.486	3142	3145	3149	rVB2	249486	261111	6.18%	0.526%
39	22.416	3301	3303	3308	rVB	407383	462873	10.96%	0.932%
40	23.327	3451	3458	3470	rBV	2033524	3931370	93.06%	7.916%
41	23.463	3475	3481	3490	rVB	1497500	2807343	66.45%	5.653%

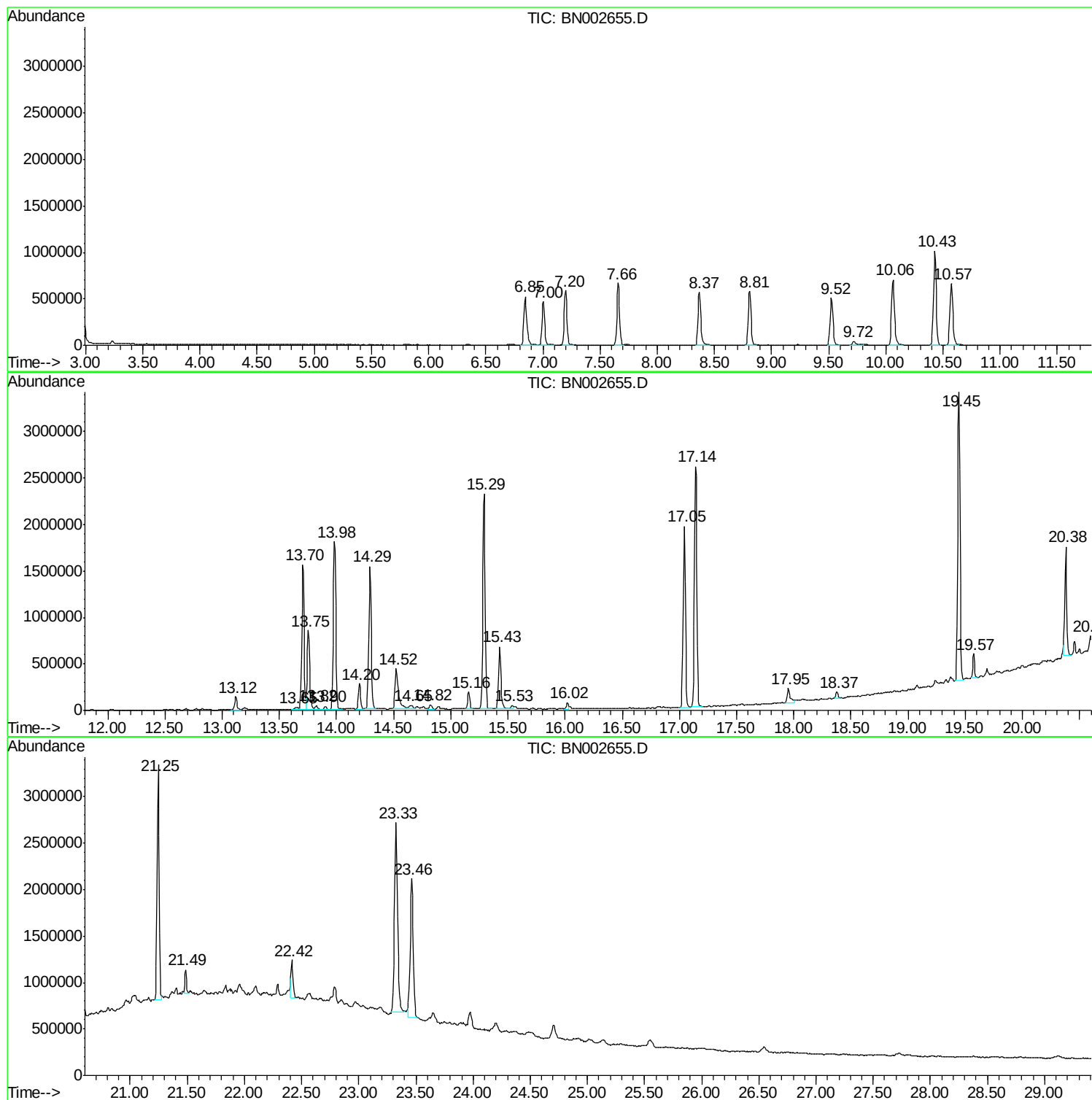
Sum of corrected areas: 49664019

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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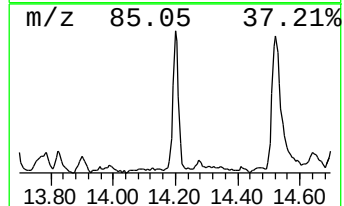
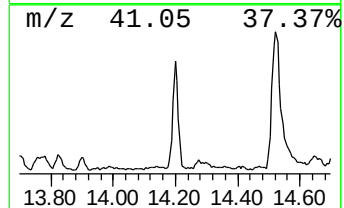
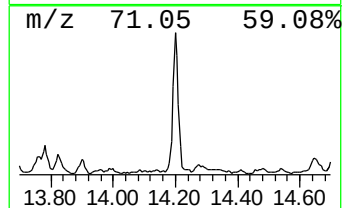
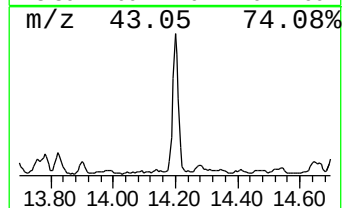
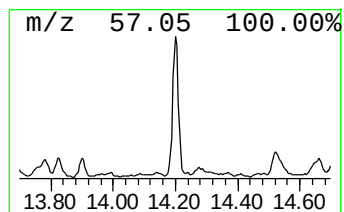
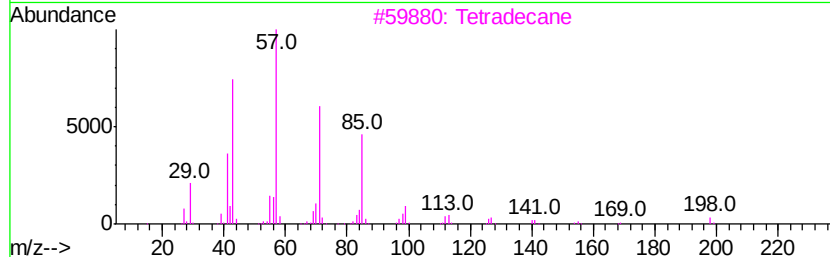
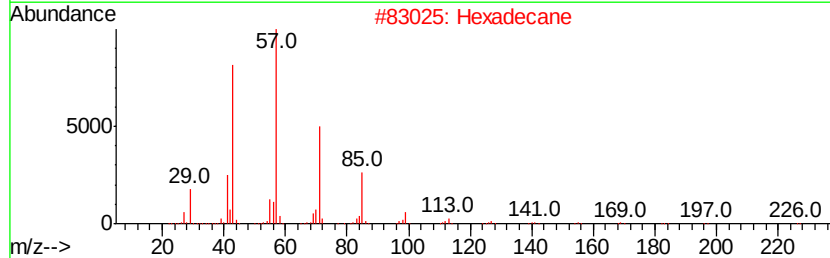
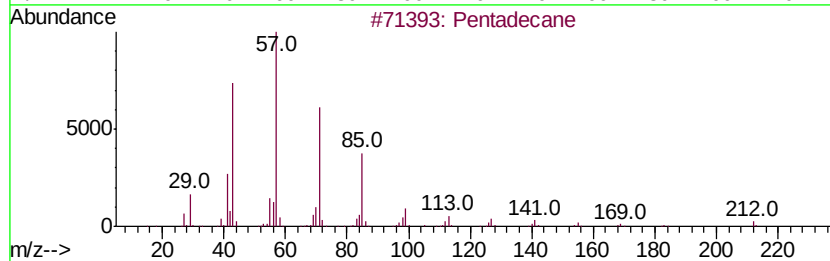
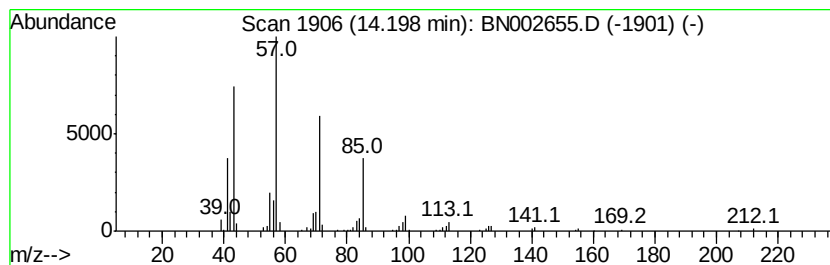
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.97 ng/ul	351825	Acenaphthene-d10	14.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	96
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tetradecane	198	C14H30	000629-59-4	86



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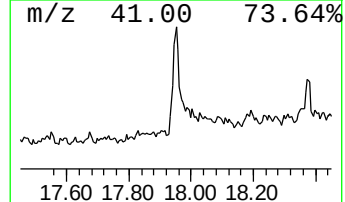
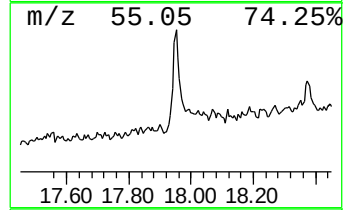
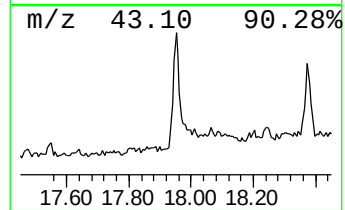
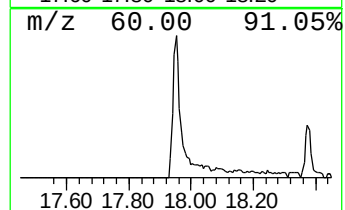
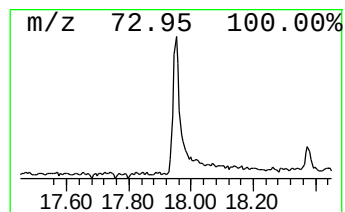
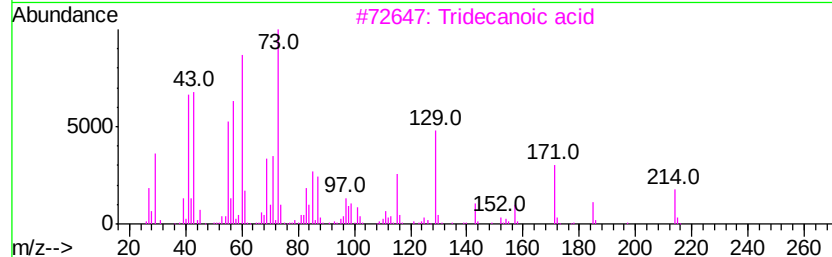
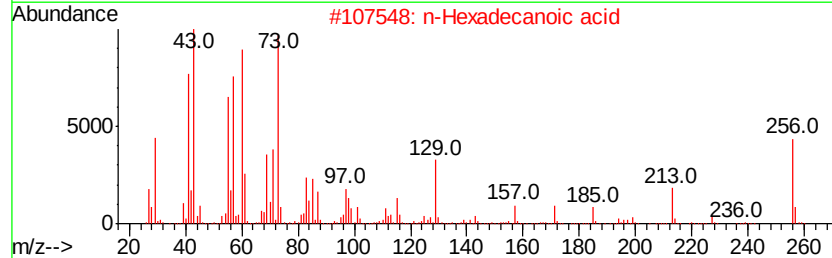
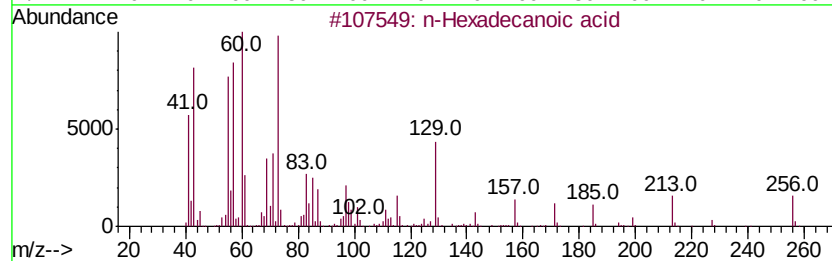
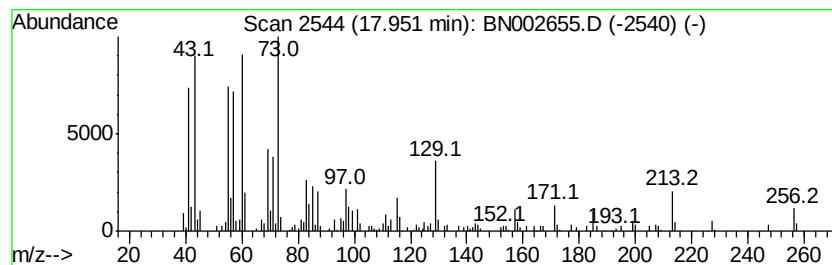
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.16 ng/ul	308755	Phenanthrene-d10	17.05

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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89	



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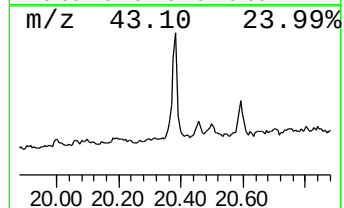
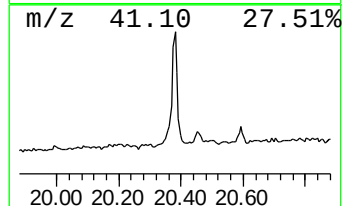
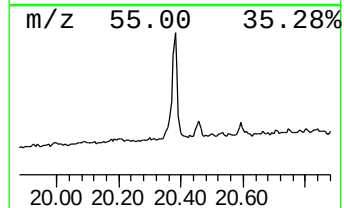
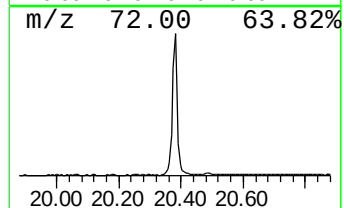
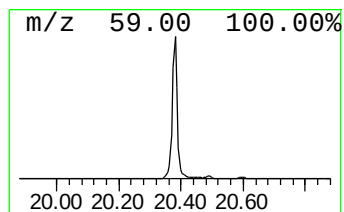
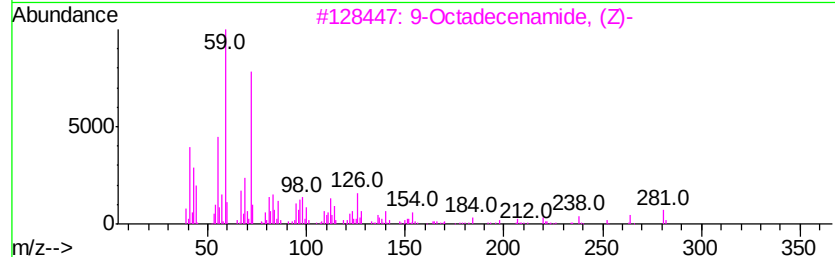
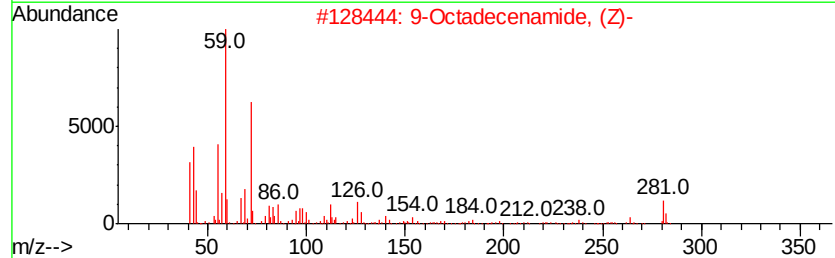
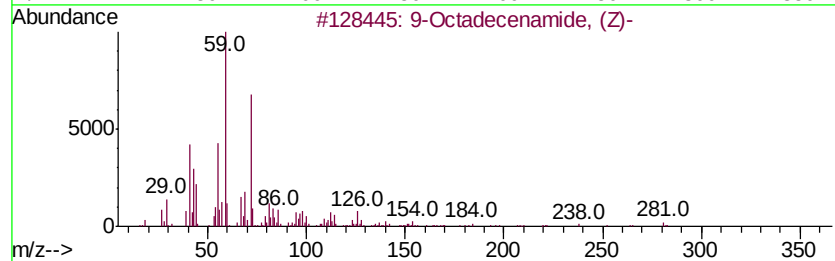
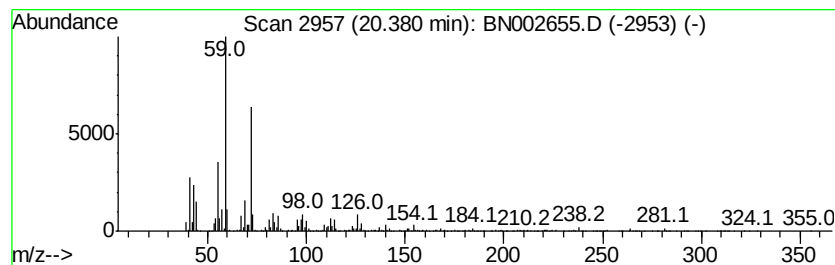
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	8.31 ng/ul	1303300	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4		Octadecanamide	283	C18H37NO	000124-26-5	72
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70



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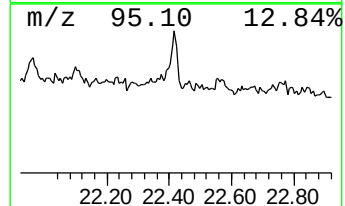
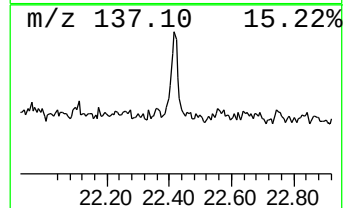
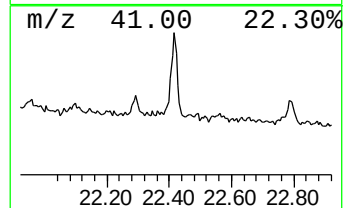
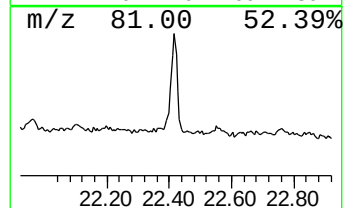
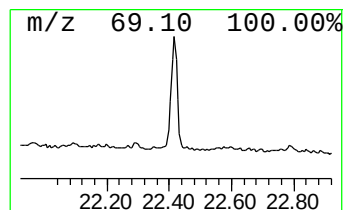
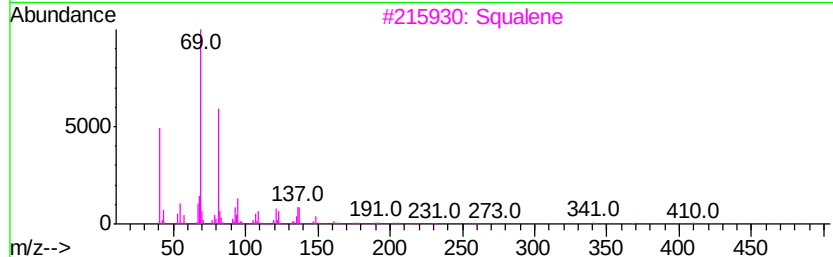
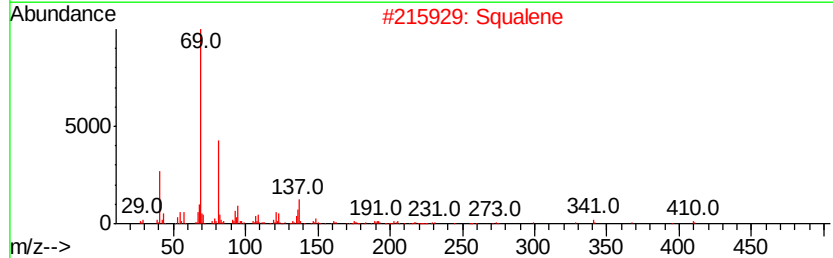
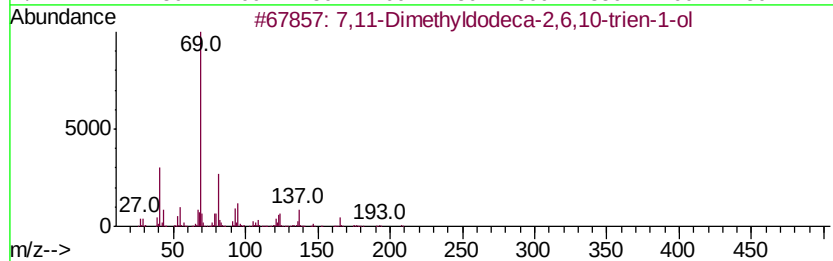
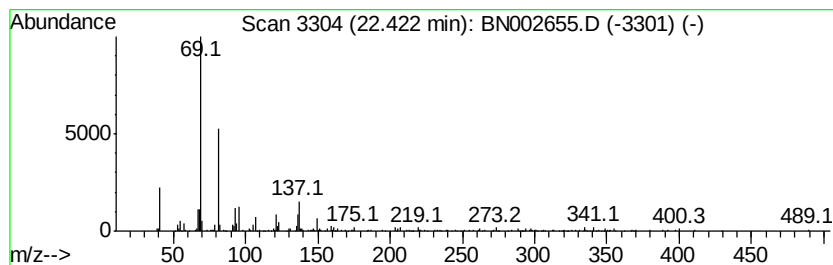
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Peak Number 4 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.42	3.30 ng/ul	462873	Perylene-d12	23.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
2	Squalene	410	C30H50	000111-02-4	72
3	Squalene	410	C30H50	000111-02-4	72
4	Supraene	410	C30H50	007683-64-9	72
5	11-Dodecen-2-one, 7,7-dimethyl-	210	C14H26O	035194-22-0	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	14.20	3.0	ng/ul	351825	3	14.29	2371980	20.0
n-Hexadecanoic acid	17.95	2.2	ng/ul	308755	4	17.05	2857180	20.0
9-Octadecenamide, ...	20.38	8.3	ng/ul	1303300	5	21.25	3136480	20.0
7,11-Dimethyldode...	22.42	3.3	ng/ul	462873	6	23.46	2807340	20.0