

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022949.D
 Acq On : 04 Oct 2019 09:43
 Operator : JU
 Sample : K5058-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAM0

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-BM092719MA.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	3.275	46	49	54	rVB2	8653	13324	0.39%	0.039%
2	3.787	134	136	143	rVB3	7566	11584	0.34%	0.034%
3	3.999	169	172	179	rVB	8482	12477	0.37%	0.036%
4	5.599	442	444	452	rVB6	1848	3751	0.11%	0.011%
5	6.963	670	676	690	rVB2	162453	286581	8.41%	0.836%
6	7.128	697	704	719	rBV	473261	783138	22.97%	2.284%
7	7.328	731	738	750	rBV	599740	926323	27.17%	2.701%
8	7.793	811	817	827	rBV	672940	1057261	31.01%	3.083%
9	7.863	827	829	835	rVB2	3750	5074	0.15%	0.015%
10	8.498	931	937	951	rVV	443574	683169	20.04%	1.992%
11	8.622	953	958	963	rVB4	5139	9780	0.29%	0.029%
12	8.892	999	1004	1007	rBV	14739	22796	0.67%	0.066%
13	8.945	1007	1013	1024	rVV	592577	975888	28.62%	2.846%
14	9.040	1024	1029	1031	rVV5	5661	9519	0.28%	0.028%
15	9.069	1031	1034	1039	rVV2	8626	13952	0.41%	0.041%
16	9.122	1039	1043	1049	rVB5	2561	4206	0.12%	0.012%
17	9.392	1085	1089	1094	rVB	7222	10073	0.30%	0.029%
18	9.669	1128	1136	1144	rBV	477596	787468	23.10%	2.296%
19	10.004	1189	1193	1198	rBV3	6453	10702	0.31%	0.031%
20	10.204	1220	1227	1240	rBV	741974	1247800	36.60%	3.639%
21	10.369	1251	1255	1258	rVB2	3028	4215	0.12%	0.012%
22	10.586	1284	1292	1299	rBV	827475	1419973	41.65%	4.141%
23	10.639	1299	1301	1306	rVB3	3835	5253	0.15%	0.015%
24	10.722	1309	1315	1324	rBV	21154	38847	1.14%	0.113%
25	11.239	1397	1403	1410	rBV	10688	19011	0.56%	0.055%
26	11.375	1422	1426	1429	rBV3	3526	4778	0.14%	0.014%
27	12.016	1530	1535	1539	rBV	4912	7159	0.21%	0.021%
28	12.175	1558	1562	1568	rVB	9691	14063	0.41%	0.041%
29	12.363	1590	1594	1596	rBV4	3652	5689	0.17%	0.017%
30	13.263	1743	1747	1753	rBV4	3197	6049	0.18%	0.018%
31	13.398	1764	1770	1773	rBV3	3250	4410	0.13%	0.013%
32	13.839	1838	1845	1850	rBV	1249259	1674904	49.12%	4.884%
33	13.886	1850	1853	1858	rVB	64290	86571	2.54%	0.252%
34	14.122	1882	1893	1906	rBV	1498550	2179083	63.91%	6.355%

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35	14.333	1926	1929	1935	rVB4	4951	8765	0.26%	0.026%
36	14.427	1938	1945	1953	rBV	1148918	1702691	49.94%	4.965%
37	14.627	1974	1979	1990	rBV	79508	140889	4.13%	0.411%
38	14.774	2003	2004	2010	rVB4	2794	4258	0.12%	0.012%
39	14.845	2010	2016	2021	rBV4	9139	14974	0.44%	0.044%
40	14.974	2032	2038	2043	rVV	17910	37341	1.10%	0.109%
41	15.021	2045	2046	2051	rVB4	3529	4362	0.13%	0.013%
42	15.286	2090	2091	2094	rVB2	4217	3479	0.10%	0.010%
43	15.421	2107	2114	2127	rBV	1833816	2569285	75.36%	7.493%
44	15.533	2127	2133	2145	rBV	420609	617106	18.10%	1.800%
45	15.663	2147	2155	2160	rVB2	18657	32597	0.96%	0.095%
46	15.904	2188	2196	2203	rBV	128074	167097	4.90%	0.487%
47	16.080	2219	2226	2234	rBV	193190	254169	7.45%	0.741%
48	16.145	2234	2237	2242	rBV	11955	14985	0.44%	0.044%
49	16.933	2369	2371	2373	rBV3	4841	5319	0.16%	0.016%
50	16.992	2379	2381	2387	rVB6	5214	6140	0.18%	0.018%
51	17.168	2405	2411	2417	rVV2	1269119	1776524	52.10%	5.181%
52	17.221	2417	2420	2422	rVV2	36432	49273	1.45%	0.144%
53	17.268	2422	2428	2438	rVB	1826374	2605092	76.41%	7.597%
54	17.398	2447	2450	2457	rBV7	9402	14222	0.42%	0.041%
55	17.457	2457	2460	2468	rVB3	11385	16200	0.48%	0.047%
56	17.545	2471	2475	2482	rVB5	24796	37622	1.10%	0.110%
57	18.068	2559	2564	2574	rBV	175616	271359	7.96%	0.791%
58	19.198	2753	2756	2758	rBV2	27657	33429	0.98%	0.097%
59	19.227	2758	2761	2766	rVB	34803	44456	1.30%	0.130%
60	19.286	2767	2771	2775	rVB	93117	105869	3.11%	0.309%
61	19.345	2777	2781	2791	rBV	84934	158964	4.66%	0.464%
62	19.562	2812	2818	2832	rBV	2138854	3007716	88.22%	8.771%
63	20.609	2994	2996	3000	rVB2	53077	49379	1.45%	0.144%
64	21.068	3070	3074	3081	rBV	271559	363622	10.66%	1.060%
65	21.350	3117	3122	3127	rBV	1610039	2005766	58.83%	5.849%
66	21.509	3146	3149	3153	rBV	120163	128563	3.77%	0.375%
67	21.950	3221	3224	3229	rBV2	111466	138191	4.05%	0.403%
68	23.468	3476	3482	3498	rVB	1711425	3409520	100.00%	9.943%
69	23.615	3501	3507	3516	rVB2	1112679	2146915	62.97%	6.261%

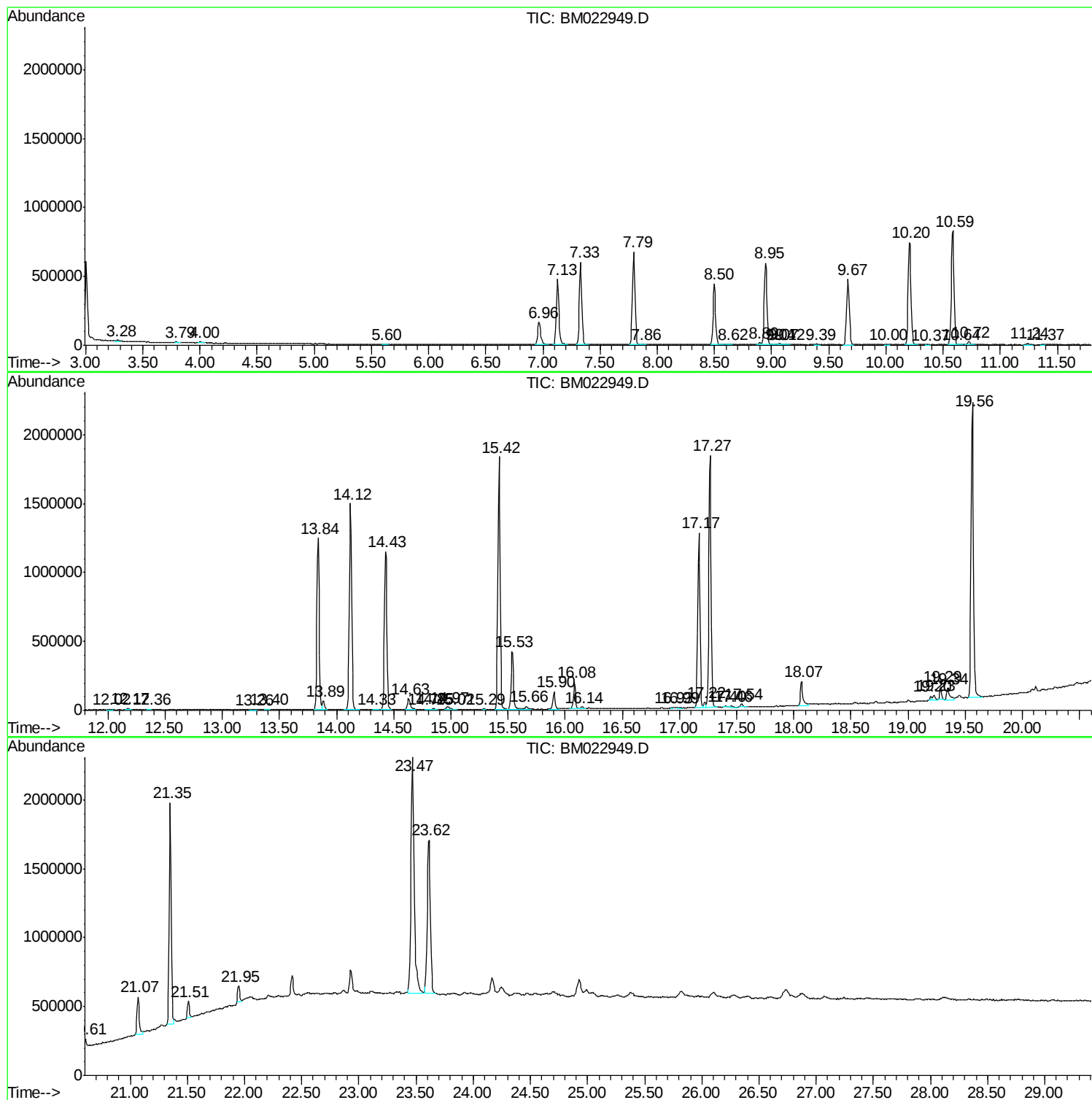
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Quant Title : SVOA CALIBRATION

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



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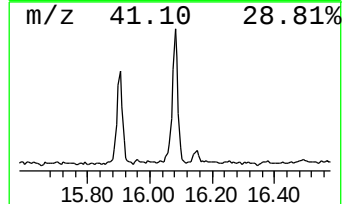
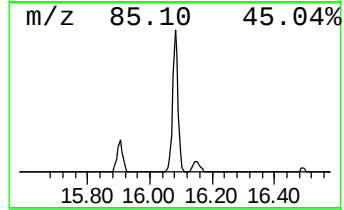
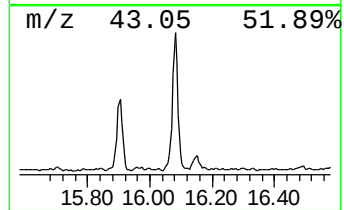
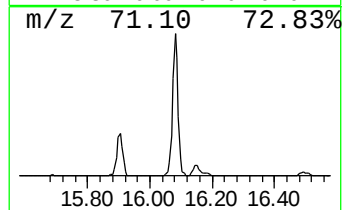
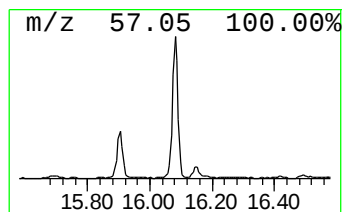
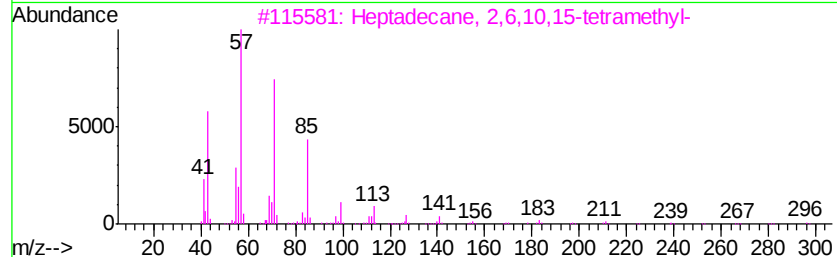
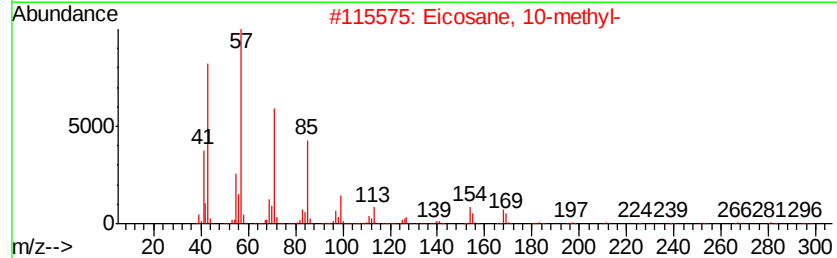
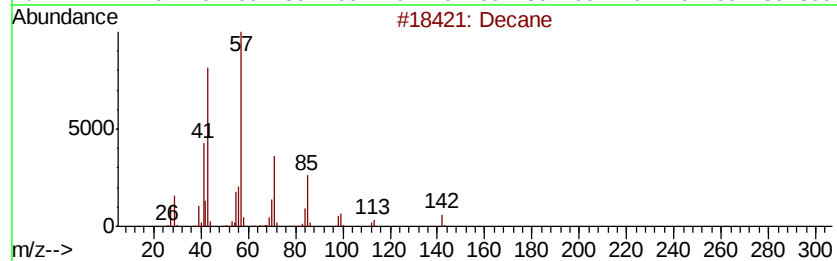
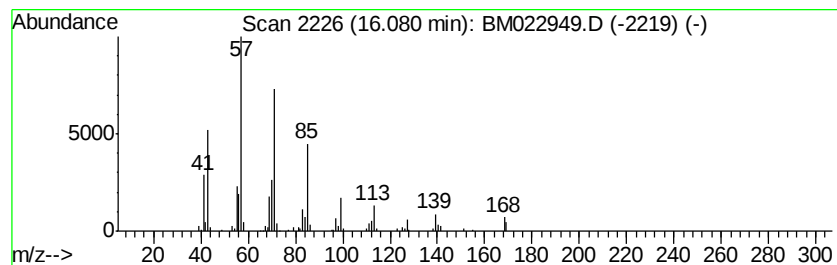
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
16.08	2.86 ng/ul	254169	Phenanthrene-d10	17.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	72
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			Heptadecane	240	C17H36	000629-78-7	72
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64



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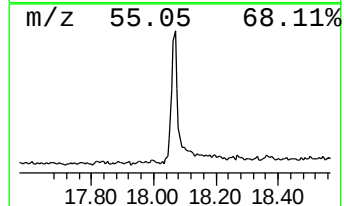
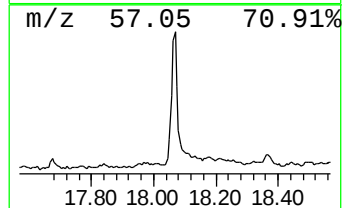
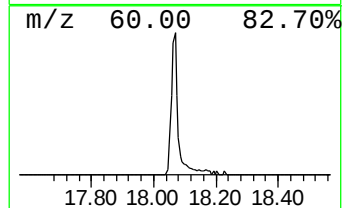
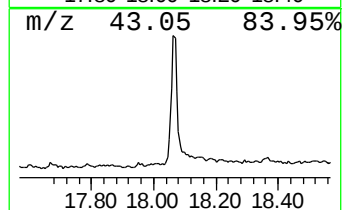
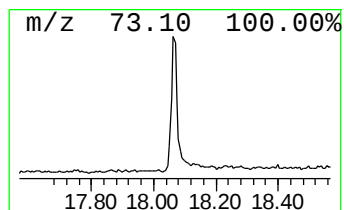
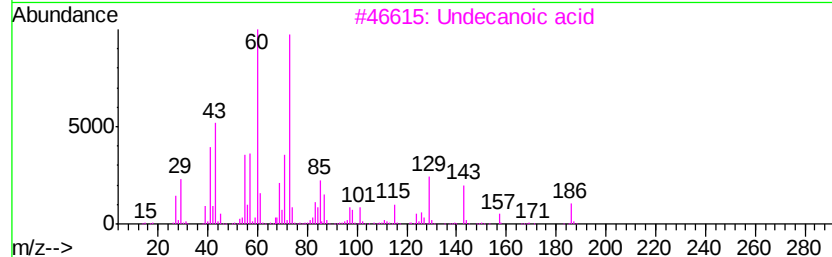
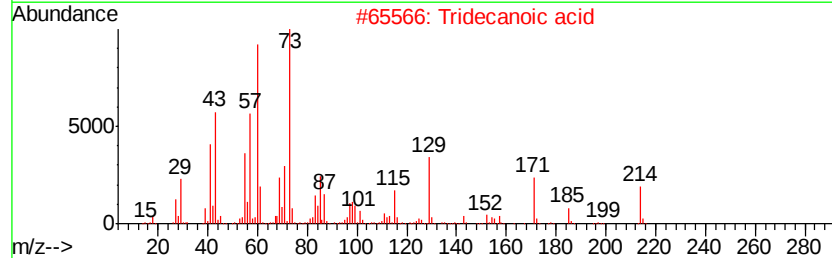
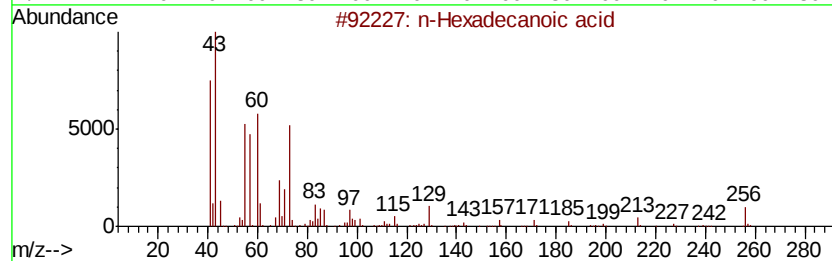
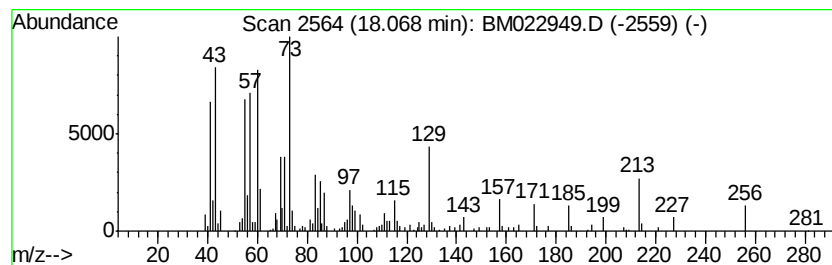
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.05 ng/ul	271359	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Undecanoic acid	186	C11H22O2	000112-37-8	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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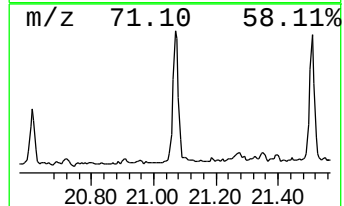
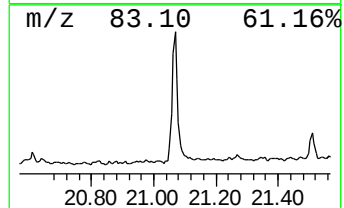
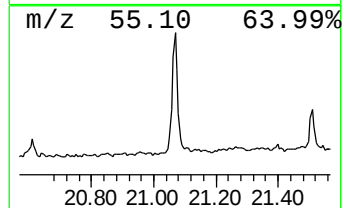
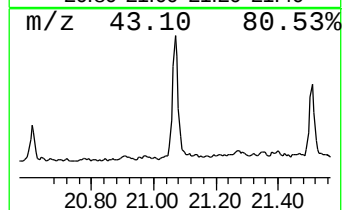
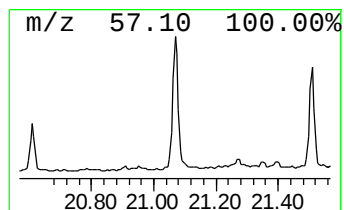
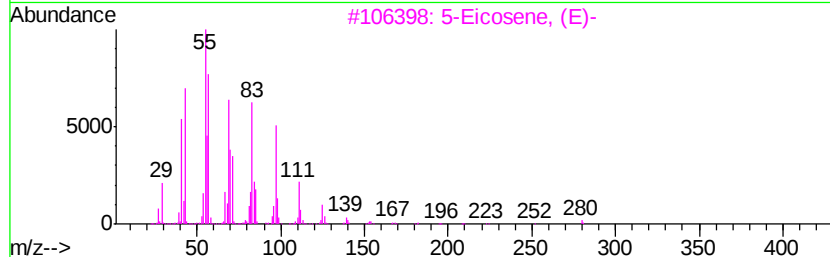
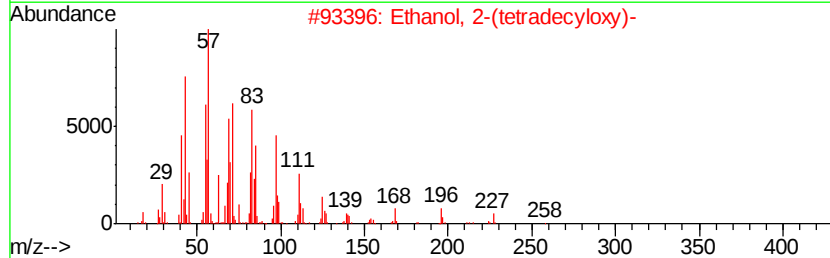
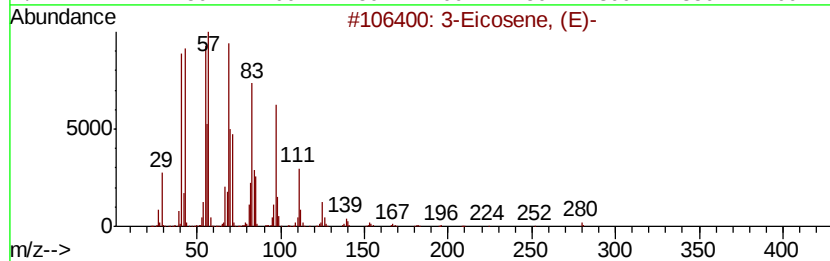
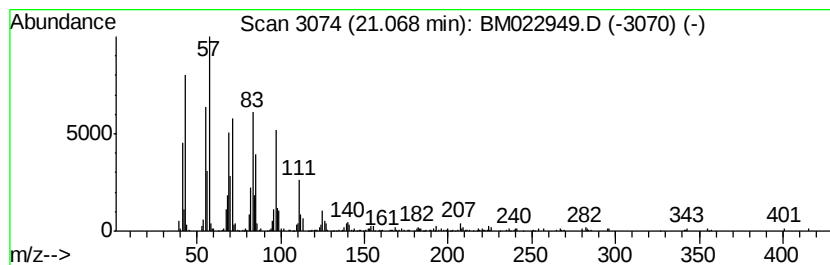
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Peak Number 3 (DEL) Alkane: Cyclic21.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.63 ng/ul	363622	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4		1-Hexadecene	224	C16H32	000629-73-2	83
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.08	2.9	ng/ul	254169	4	17.17	1776520	20.0
n-Hexadecanoic acid	18.07	3.0	ng/ul	271359	4	17.17	1776520	20.0
(DEL) Alkane: Cyc...	21.07	3.6	ng/ul	363622	5	21.35	2005770	20.0