

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
 Data File : BM027423.D
 Acq On : 15 Sep 2020 22:29
 Operator : JU/CG
 Sample : L3995-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0M8

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-BM090420MA.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	3.128	21	24	32	rVB	45502	62859	1.59%	0.185%
2	6.745	633	639	653	rBV2	130095	265210	6.71%	0.781%
3	6.898	659	665	679	rVB	390738	627459	15.89%	1.847%
4	7.098	692	699	709	rVB	462324	746029	18.89%	2.196%
5	7.557	770	777	786	rBV	570064	898617	22.75%	2.645%
6	7.928	835	840	845	rVB2	13102	18882	0.48%	0.056%
7	8.269	891	898	907	rBV	342865	563283	14.26%	1.658%
8	8.698	964	971	980	rBV	518574	818001	20.71%	2.408%
9	9.416	1086	1093	1105	rBV	437282	720259	18.24%	2.120%
10	9.728	1139	1146	1151	rBV2	21449	32019	0.81%	0.094%
11	9.951	1177	1184	1200	rBV	607626	1080638	27.36%	3.181%
12	10.192	1218	1225	1230	rVB6	12597	22106	0.56%	0.065%
13	10.322	1237	1247	1258	rBV	682249	1104959	27.98%	3.252%
14	10.475	1266	1273	1288	rBV2	32614	84617	2.14%	0.249%
15	10.980	1354	1359	1366	rVB2	6745	13703	0.35%	0.040%
16	11.428	1432	1435	1439	rBV3	2449	4005	0.10%	0.012%
17	11.922	1515	1519	1527	rVB	6784	13541	0.34%	0.040%
18	13.616	1800	1807	1812	rBV	1274244	1738002	44.01%	5.115%
19	13.663	1812	1815	1822	rVV	74335	100957	2.56%	0.297%
20	13.751	1826	1830	1835	rVB7	2141	4727	0.12%	0.014%
21	13.886	1846	1853	1863	rBV	1360562	1917431	48.55%	5.643%
22	14.198	1899	1906	1917	rBV	1066956	1503898	38.08%	4.426%
23	14.427	1939	1945	1958	rBV	53863	131385	3.33%	0.387%
24	14.839	2011	2015	2018	rBV3	3448	4038	0.10%	0.012%
25	14.963	2030	2036	2044	rBV	270674	359382	9.10%	1.058%
26	15.039	2044	2049	2054	rVB6	4885	9796	0.25%	0.029%
27	15.192	2069	2075	2084	rBV	1678288	2451159	62.06%	7.214%
28	15.321	2091	2097	2109	rBV	604100	813154	20.59%	2.393%
29	15.410	2109	2112	2113	rVV2	7211	9234	0.23%	0.027%
30	15.439	2113	2117	2122	rVB	21558	33623	0.85%	0.099%
31	15.568	2135	2139	2143	rBV3	3748	6187	0.16%	0.018%
32	15.645	2146	2152	2156	rBV5	2524	5502	0.14%	0.016%
33	15.768	2169	2173	2178	rVB7	4922	6782	0.17%	0.020%
34	15.868	2182	2190	2195	rBV8	10989	20907	0.53%	0.062%

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35	15.980	2205	2209	2214	rVB5	8896	10789	0.27%	0.032%
36	16.739	2332	2338	2342	rVB5	6938	10727	0.27%	0.032%
37	16.945	2367	2373	2383	rBV	1311873	1825211	46.21%	5.372%
38	17.045	2383	2390	2404	rBV	2003257	2863356	72.50%	8.427%
39	17.815	2518	2521	2525	rBV6	7231	8512	0.22%	0.025%
40	17.868	2525	2530	2538	rBV	152730	227207	5.75%	0.669%
41	17.945	2538	2543	2551	rVB3	25920	45900	1.16%	0.135%
42	18.980	2715	2719	2722	rBV2	20147	27687	0.70%	0.081%
43	19.156	2745	2749	2755	rBV	82375	110588	2.80%	0.325%
44	19.233	2758	2762	2767	rVB	24850	37154	0.94%	0.109%
45	19.345	2775	2781	2790	rVB	2784609	3590085	90.90%	10.566%
46	19.562	2816	2818	2821	rBV4	8722	10748	0.27%	0.032%
47	19.633	2827	2830	2834	rVB4	24753	29271	0.74%	0.086%
48	20.886	3039	3043	3050	rBV	233179	298188	7.55%	0.878%
49	21.145	3082	3087	3095	rBV	1721813	2268381	57.43%	6.676%
50	23.174	3425	3432	3439	rBV	2194784	3949546	100.00%	11.624%
51	23.303	3448	3454	3466	rVB	1376058	2471277	62.57%	7.273%

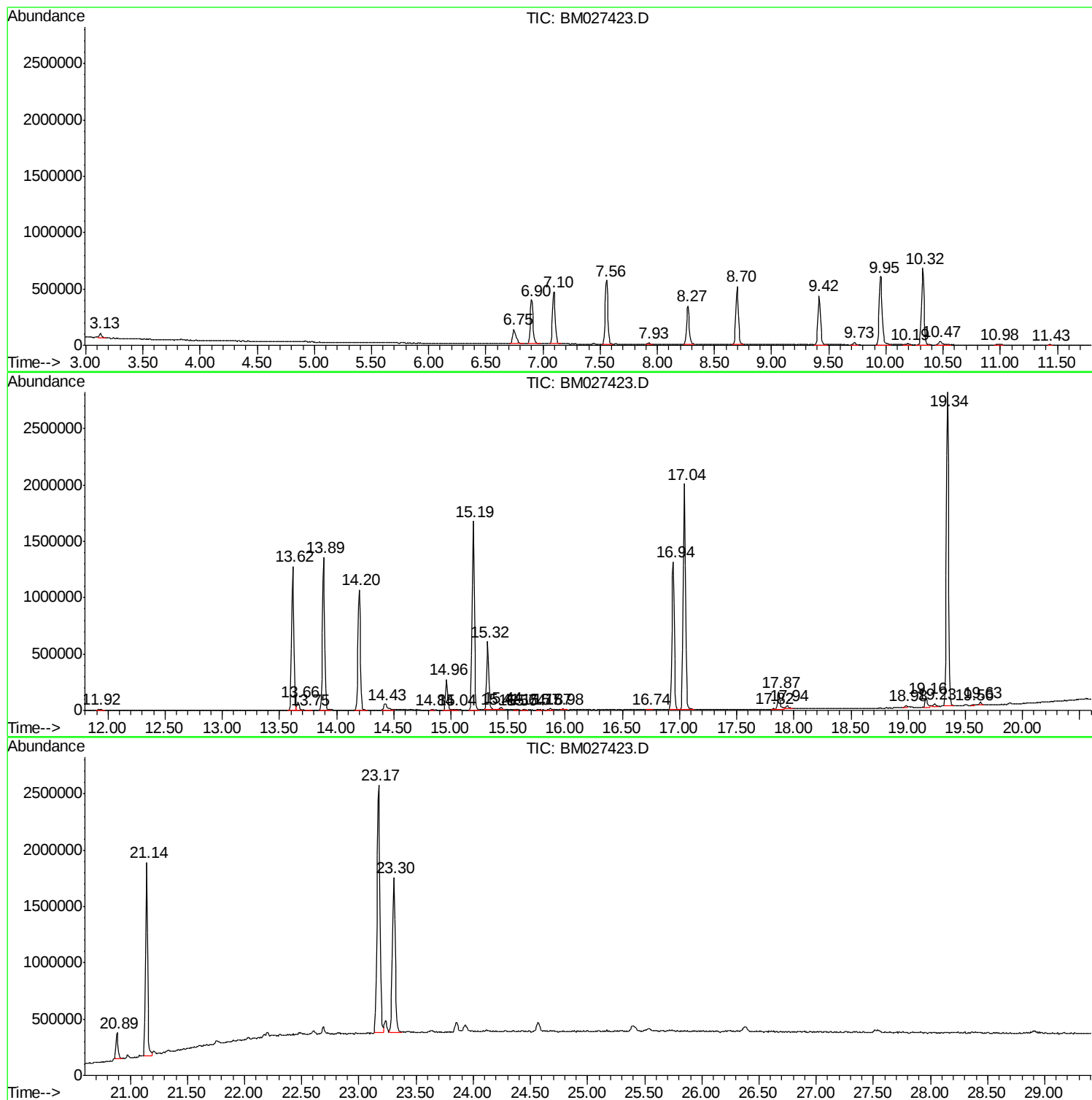
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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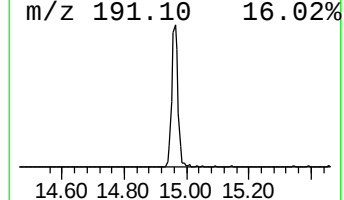
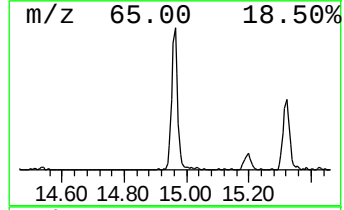
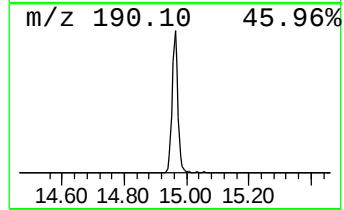
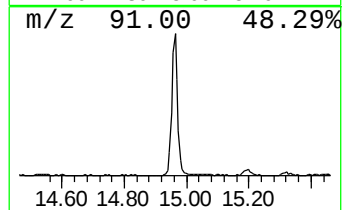
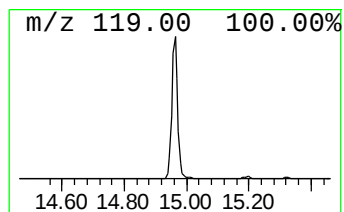
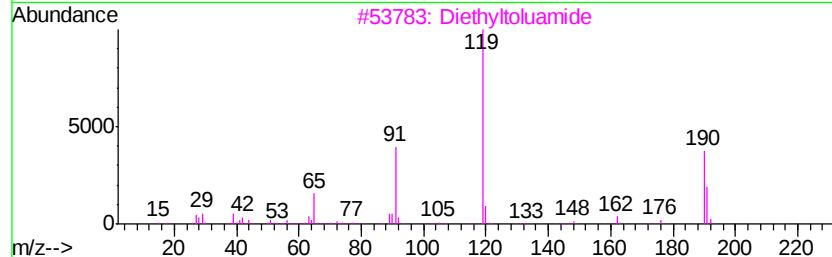
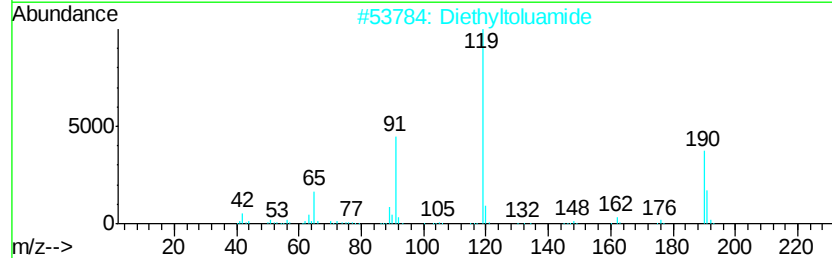
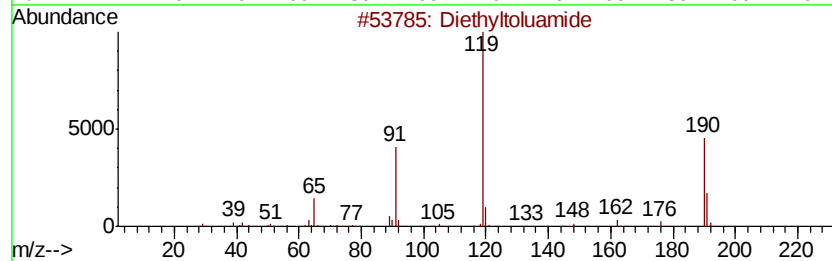
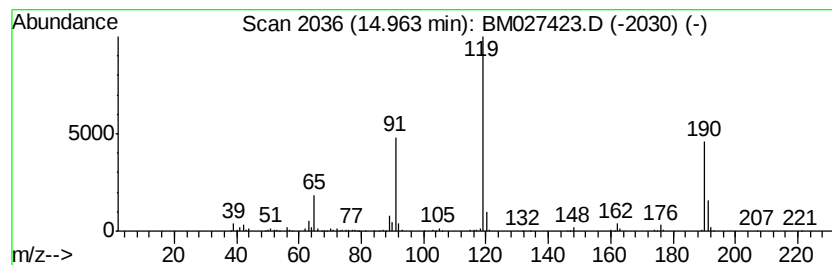
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.78 ng/ul	359382	Acenaphthene-d10	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 96
2	Diethyltoluamide	191	C12H17NO	000134-62-3 96
3	Diethyltoluamide	191	C12H17NO	000134-62-3 87
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 80
5	Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3 78



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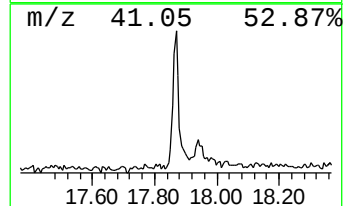
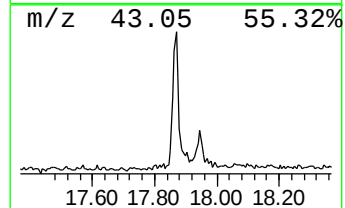
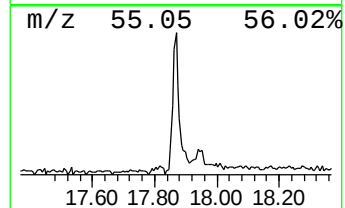
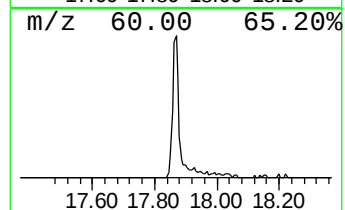
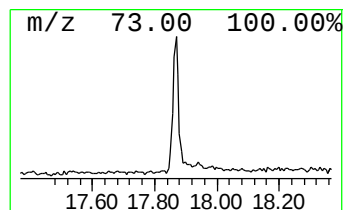
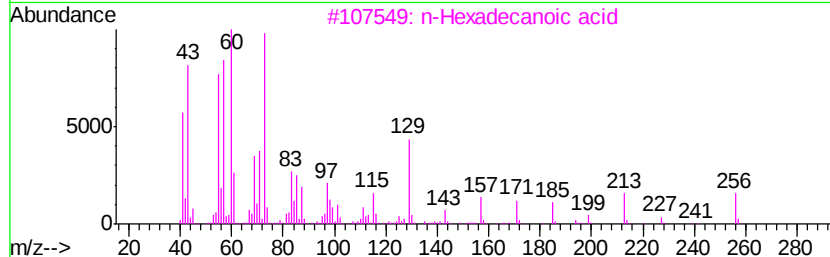
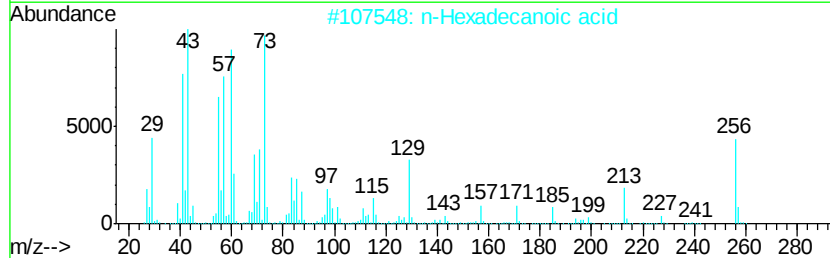
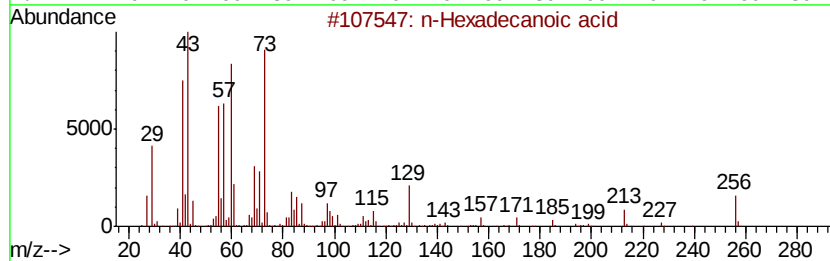
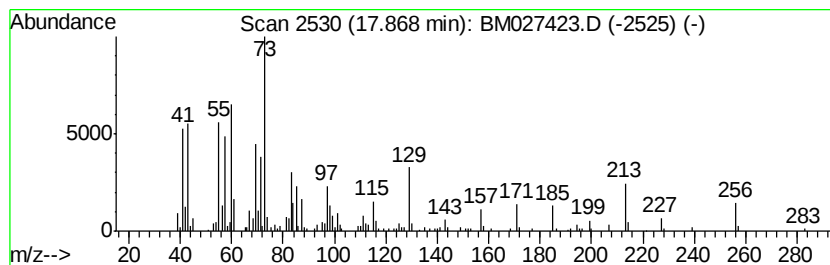
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.49 ng/ul	227207	Phenanthrene-d10	16.94

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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	



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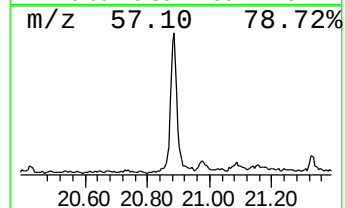
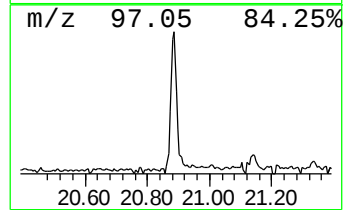
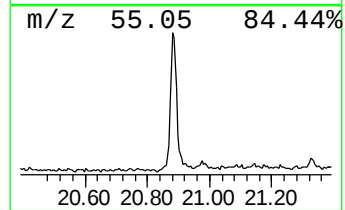
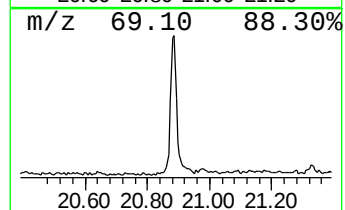
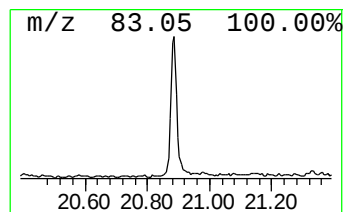
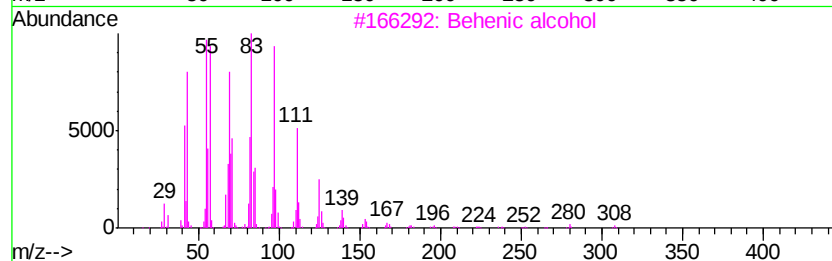
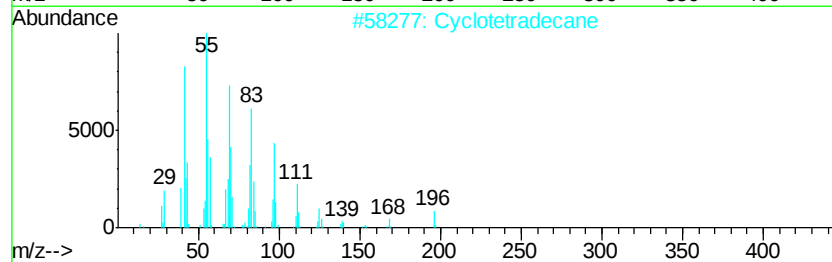
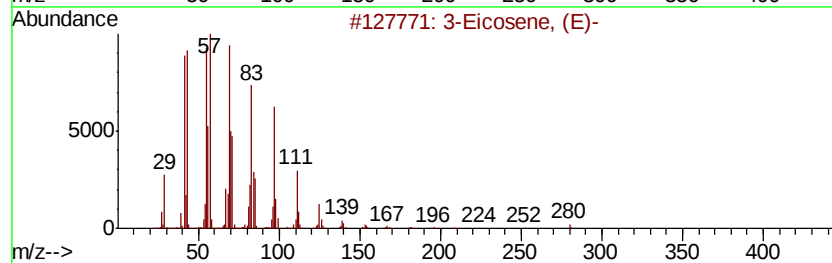
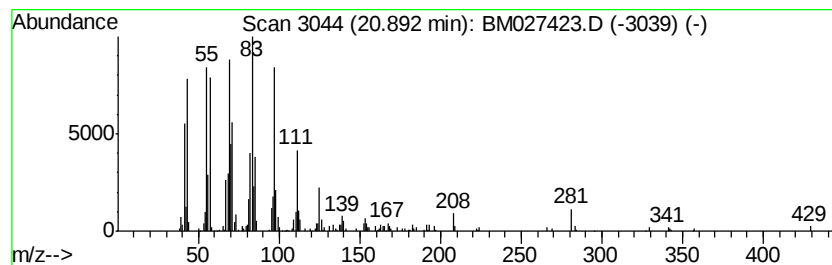
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.63 ng/ul	298188	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2		Cyclotetradecane	196	C14H28	000295-17-0	94
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	14.96	4.8	ng/ul	359382	3	14.20	1503900	20.0
n-Hexadecanoic acid	17.87	2.5	ng/ul	227207	4	16.94	1825210	20.0
(DEL) Alkane: Str...	20.89	2.6	ng/ul	298188	5	21.14	2268380	20.0