

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013775.D
 Acq On : 24 Jan 2018 19:26
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A74

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	4.763	296	302	308	rVB4	41456	73649	2.70%	0.229%
2	6.781	640	645	660	rVB	417149	746499	27.33%	2.320%
3	6.945	667	673	683	rVB	318627	505286	18.50%	1.571%
4	7.134	699	705	713	rBV	456222	728432	26.67%	2.264%
5	7.598	777	784	794	rBV	526473	865398	31.69%	2.690%
6	8.310	898	905	914	rBV	496181	829299	30.37%	2.578%
7	8.751	973	980	988	rBV	423551	717425	26.27%	2.230%
8	9.469	1095	1102	1111	rBV	373791	637008	23.33%	1.980%
9	10.004	1186	1193	1205	rBV	534473	926897	33.94%	2.881%
10	10.369	1245	1255	1261	rBV	686637	1183534	43.34%	3.679%
11	10.422	1261	1264	1272	rVB	106812	164854	6.04%	0.512%
12	10.522	1274	1281	1292	rBV	445729	862313	31.58%	2.680%
13	12.051	1537	1541	1547	rVB3	20070	33436	1.22%	0.104%
14	13.668	1809	1816	1820	rBV	994701	1415660	51.84%	4.400%
15	13.715	1820	1824	1831	rVB	256630	385932	14.13%	1.200%
16	13.939	1854	1862	1870	rBV	1164216	1666473	61.02%	5.180%
17	14.157	1895	1899	1903	rVB2	35490	49854	1.83%	0.155%
18	14.251	1908	1915	1922	rVV2	945911	1501205	54.97%	4.666%
19	14.480	1949	1954	1970	rBV2	309372	602693	22.07%	1.873%
20	15.110	2057	2061	2066	rVB3	43485	59185	2.17%	0.184%
21	15.245	2077	2084	2091	rBV	1386213	2006900	73.49%	6.238%
22	15.386	2102	2108	2118	rBV	350225	561505	20.56%	1.745%
23	15.498	2121	2127	2128	rBV5	17736	28191	1.03%	0.088%
24	15.974	2204	2208	2215	rBV4	66451	123104	4.51%	0.383%
25	16.662	2319	2325	2336	rVB2	235009	396544	14.52%	1.233%
26	16.774	2339	2344	2349	rVV4	36721	57368	2.10%	0.178%
27	17.004	2376	2383	2388	rBV	1330952	1843701	67.51%	5.731%
28	17.045	2388	2390	2393	rVV	31087	31134	1.14%	0.097%
29	17.098	2393	2399	2411	rVB	1557225	2213284	81.04%	6.879%
30	17.909	2531	2537	2546	rBV2	204036	338373	12.39%	1.052%
31	19.068	2730	2734	2739	rVV	69855	108082	3.96%	0.336%
32	19.127	2740	2744	2748	rVB4	54929	72443	2.65%	0.225%
33	19.197	2752	2756	2764	rBV3	147828	238300	8.73%	0.741%
34	19.403	2786	2791	2800	rBV	1992831	2730942	100.00%	8.488%

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35	20.921	3045	3049	3056	rBV2	435953	616937	22.59%	1.918%
36	21.203	3092	3097	3102	rBV	1621942	2141917	78.43%	6.657%
37	23.256	3440	3446	3455	rVB	1424742	2677324	98.04%	8.322%
38	23.397	3464	3470	3478	rVB	1058177	2031923	74.40%	6.316%

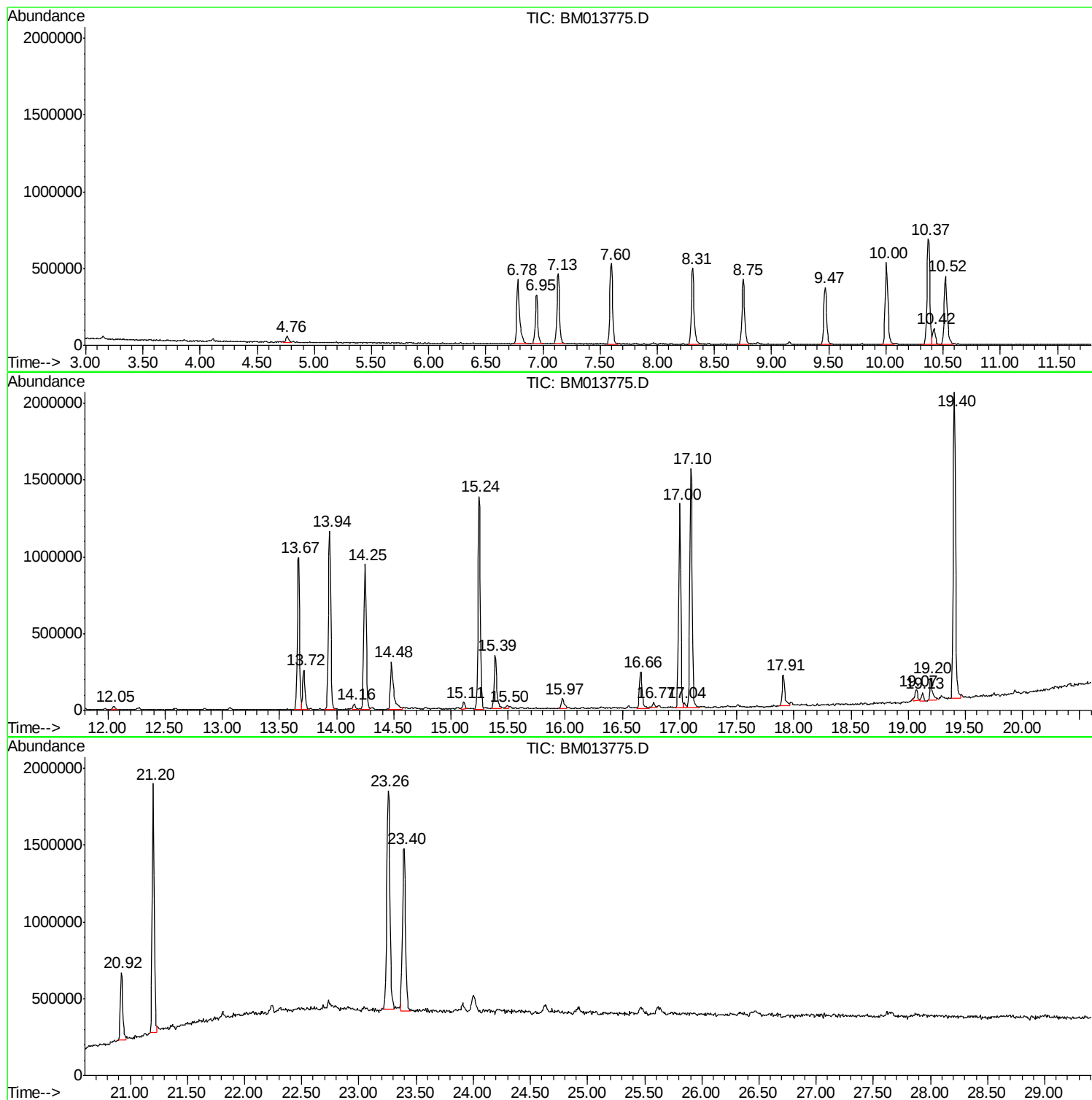
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Quant Title : SVOA CALIBRATION

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



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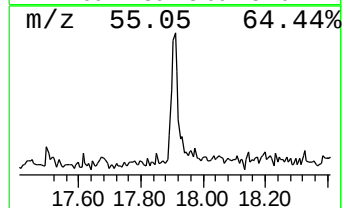
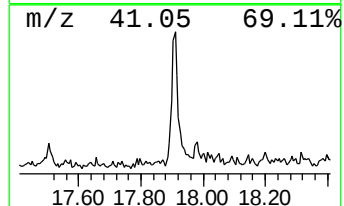
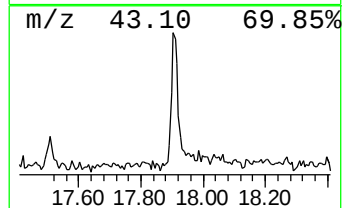
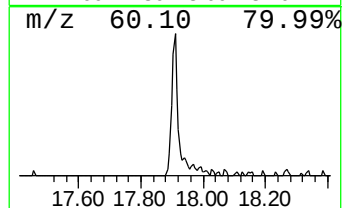
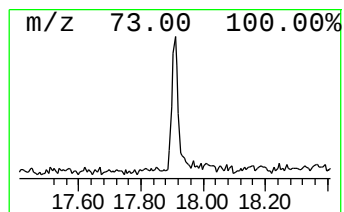
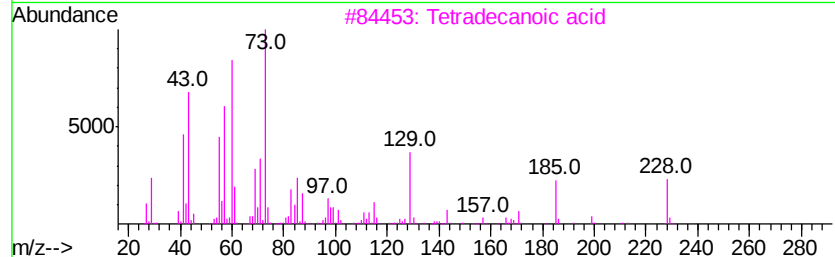
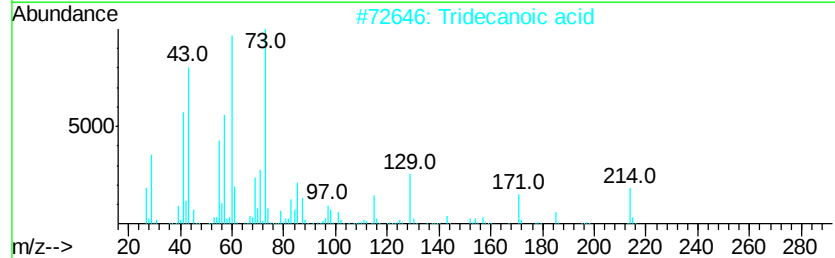
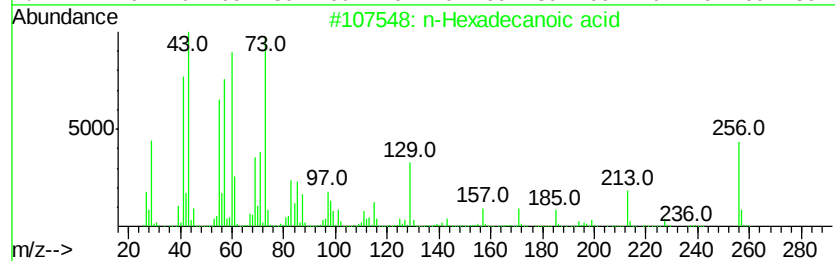
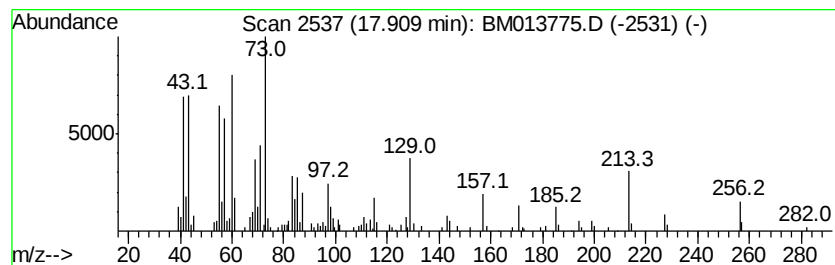
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.91	3.67 ng/ul	338373	Phenanthrene-d10		17.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68



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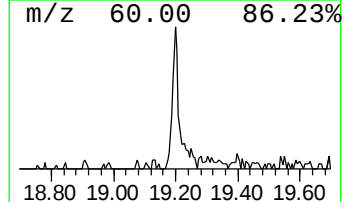
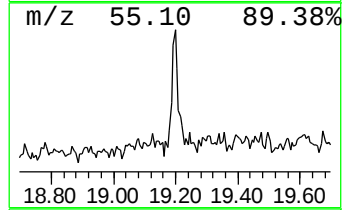
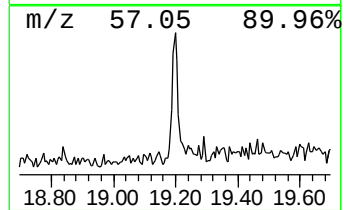
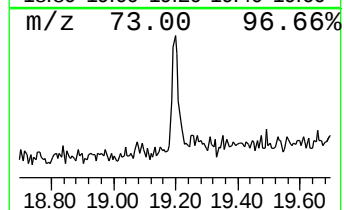
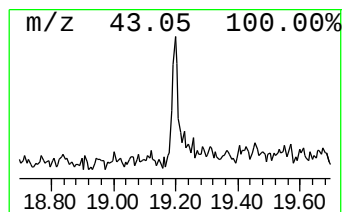
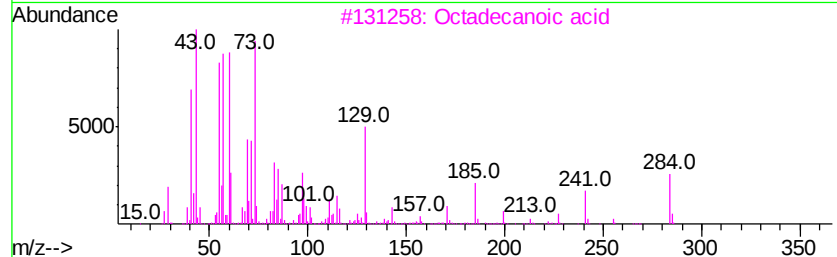
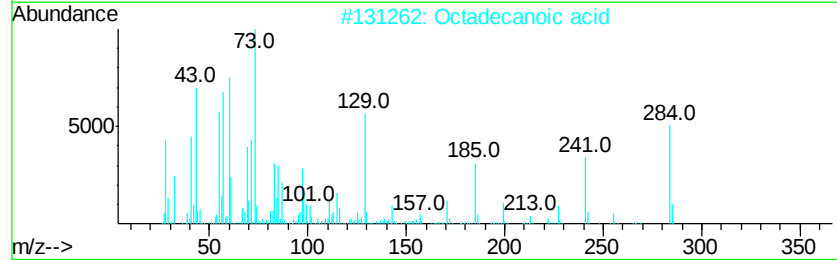
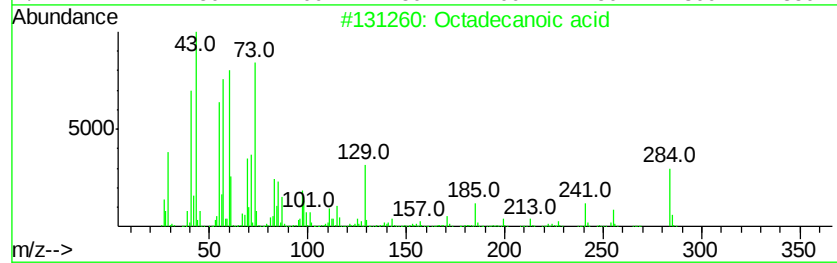
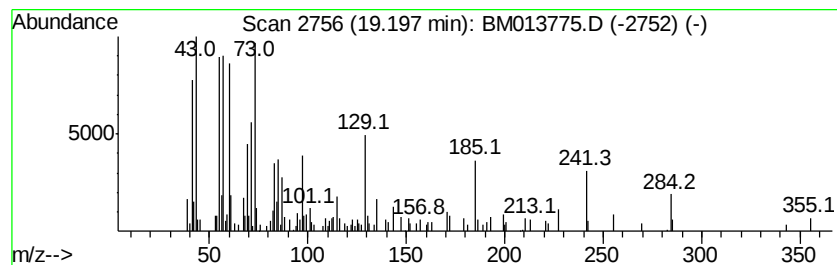
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.23 ng/ul	238300	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid	284	C18H36O2	000057-11-4	81
3		Octadecanoic acid	284	C18H36O2	000057-11-4	76
4		Octadecanoic acid	284	C18H36O2	000057-11-4	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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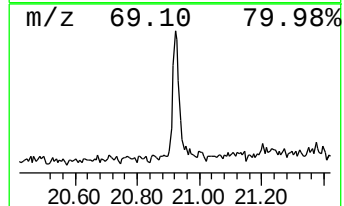
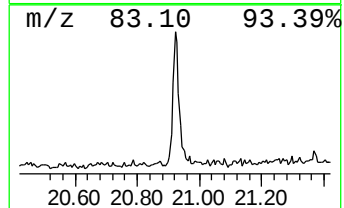
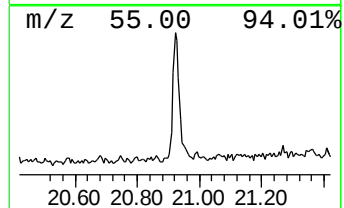
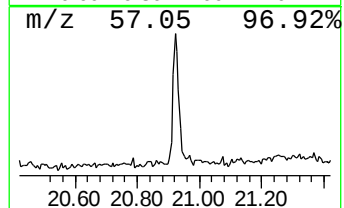
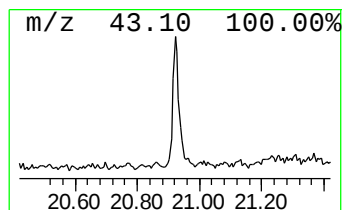
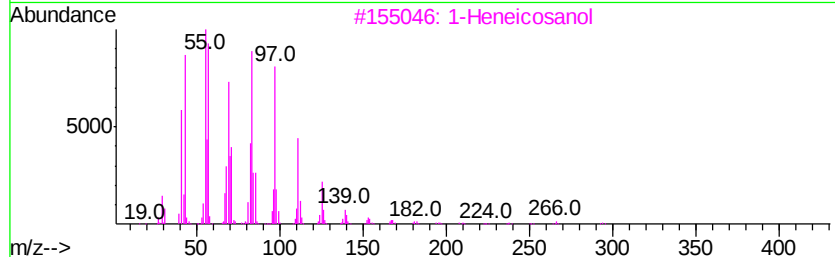
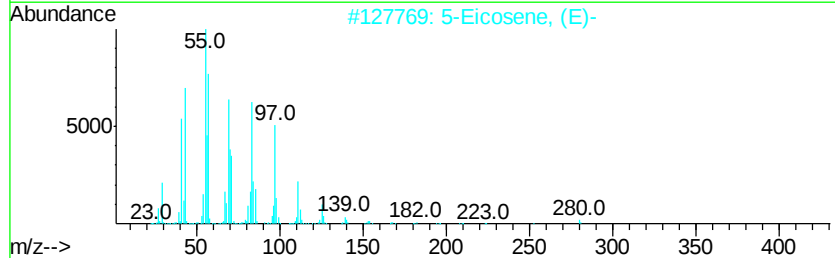
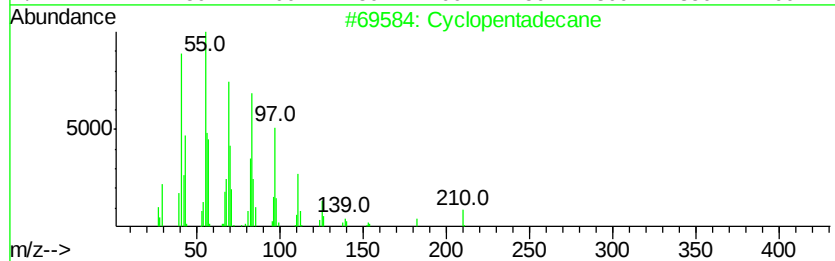
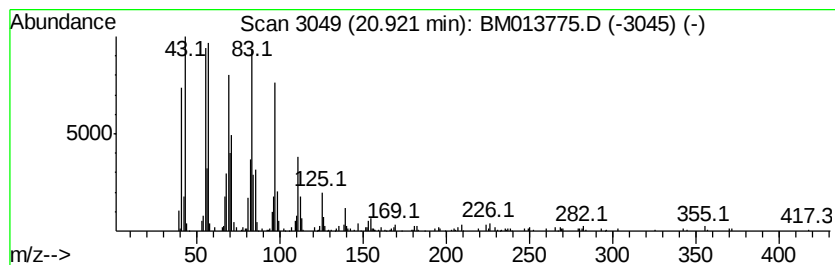
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Peak Number 3 (DEL) Alkane: Cyclic20.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.76 ng/ul	616937	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		Cyclohexadecane	224	C16H32	000295-65-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	3.7	ng/ul	338373	4	17.00	1843700	20.0
Octadecanoic acid	19.20	2.2	ng/ul	238300	5	21.20	2141920	20.0
(DEL) Alkane: Cyc...	20.92	5.8	ng/ul	616937	5	21.20	2141920	20.0