

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
 Data File : BM008954.D
 Acq On : 02 Feb 2017 10:17
 Operator : SJ/MA
 Sample : I1449-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FG8

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\SOM02.2-EPA-BM013017.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	3.375	131	134	142	rVB	24868	33016	1.53%	0.137%
2	7.069	753	762	773	rBV2	485329	950123	43.97%	3.941%
3	7.245	785	792	799	rBV	306846	475508	22.00%	1.972%
4	7.439	819	825	833	rVB2	457949	732023	33.87%	3.036%
5	7.916	900	906	912	rBV	320154	520982	24.11%	2.161%
6	8.610	1017	1024	1034	rVB	512765	849541	39.31%	3.524%
7	9.075	1095	1103	1113	rBV	476731	814937	37.71%	3.380%
8	9.798	1219	1226	1233	rBV2	447441	720246	33.33%	2.987%
9	10.327	1310	1316	1324	rBV2	548256	899976	41.65%	3.733%
10	10.716	1375	1382	1390	rVB	377518	634423	29.36%	2.631%
11	10.851	1399	1405	1415	rVB3	479023	816167	37.77%	3.385%
12	13.757	1893	1899	1904	rBV4	26210	34127	1.58%	0.142%
13	13.957	1927	1933	1937	rBV	914003	1230057	56.92%	5.102%
14	14.004	1937	1941	1946	rVB	138444	183322	8.48%	0.760%
15	14.245	1975	1982	1993	rBV	866289	1266045	58.59%	5.251%
16	14.551	2028	2034	2040	rVB	543909	769318	35.60%	3.191%
17	14.739	2059	2066	2083	rVB	555209	802143	37.12%	3.327%
18	15.380	2171	2175	2180	rVB	38579	46852	2.17%	0.194%
19	15.545	2196	2203	2209	rBV	1116848	1556420	72.02%	6.456%
20	15.657	2216	2222	2229	rBV	506513	678567	31.40%	2.815%
21	15.786	2236	2244	2248	rBV4	24416	41322	1.91%	0.171%
22	16.239	2316	2321	2334	rBV2	40962	78644	3.64%	0.326%
23	17.033	2451	2456	2460	rBV2	36274	47708	2.21%	0.198%
24	17.298	2495	2501	2507	rBV2	677319	934710	43.25%	3.877%
25	17.398	2512	2518	2524	rBV	1262425	1745409	80.77%	7.240%
26	18.168	2642	2649	2661	rBV2	186766	271060	12.54%	1.124%
27	19.321	2843	2845	2849	rVB4	21511	26070	1.21%	0.108%
28	19.439	2861	2865	2872	rBV	161049	215342	9.96%	0.893%
29	19.686	2901	2907	2913	rBV	1498674	1982312	91.73%	8.222%
30	20.515	3045	3048	3051	rBV4	15175	23677	1.10%	0.098%
31	20.586	3055	3060	3064	rVV6	31364	51706	2.39%	0.214%
32	21.156	3153	3157	3162	rBV3	127546	188094	8.70%	0.780%
33	21.468	3204	3210	3217	rBV	892345	1145678	53.02%	4.752%
34	23.668	3577	3584	3593	rVB2	1100647	2161021	100.00%	8.964%

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Stop Thrs : 0 Peak Location: TOP

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35	23.821	3604	3610	3621	rVB2	579435	1182438	54.72%	4.905%
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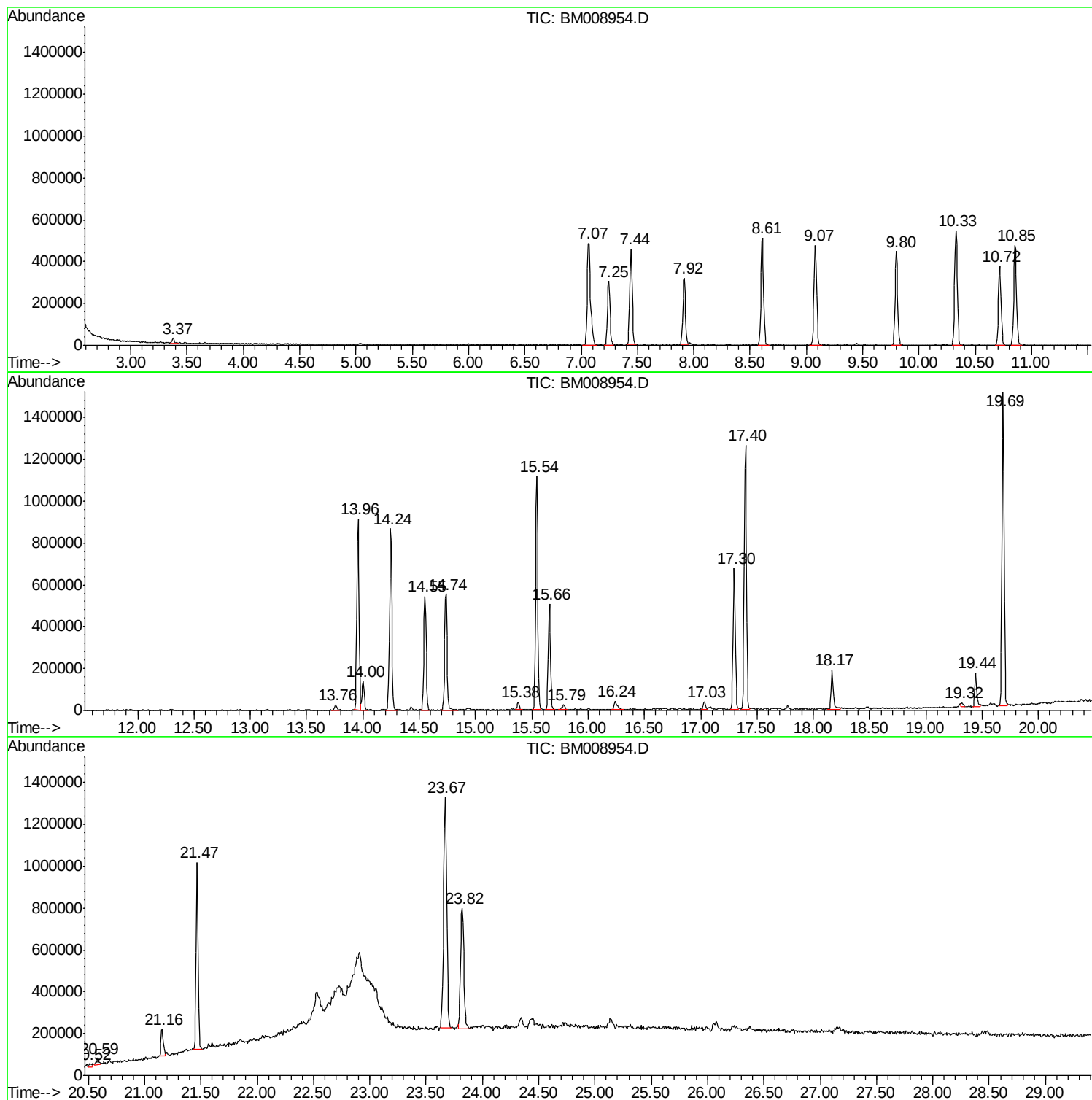
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



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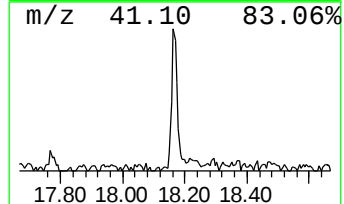
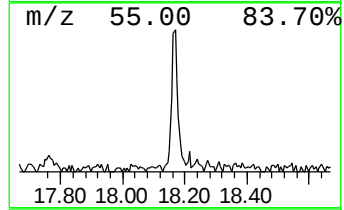
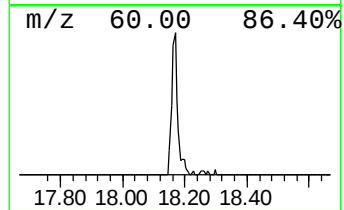
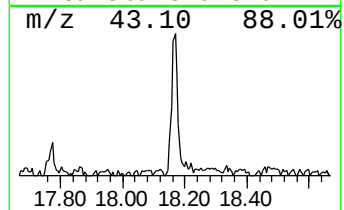
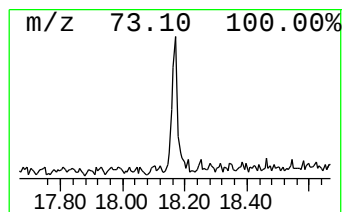
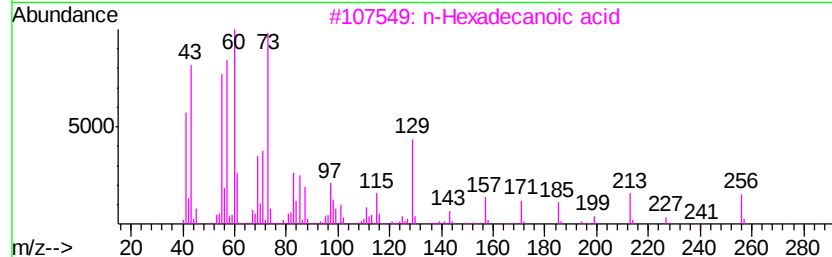
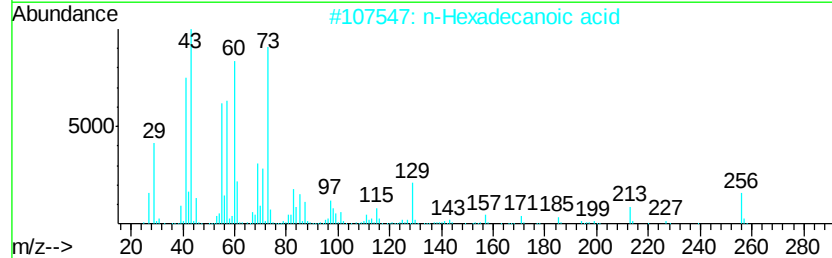
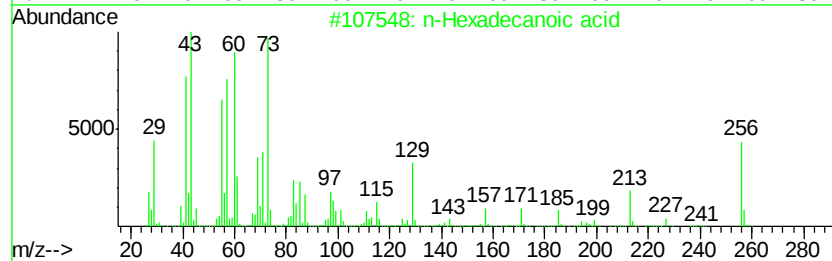
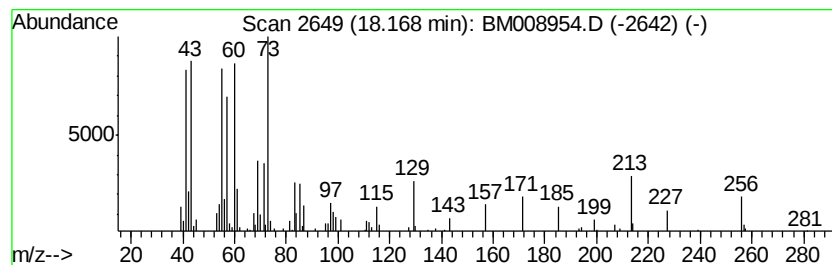
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	5.80 ng/ul	271060	Phenanthrene-d10	17.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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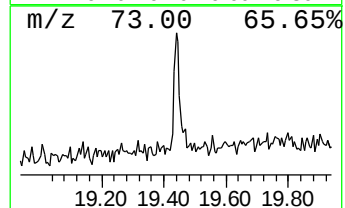
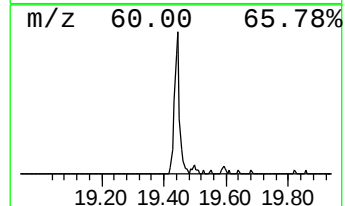
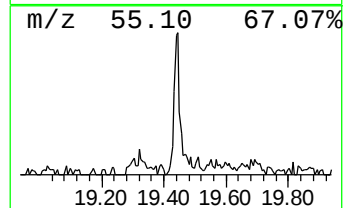
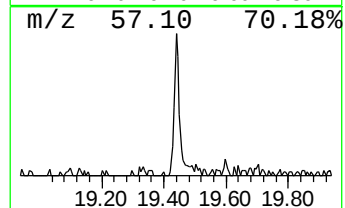
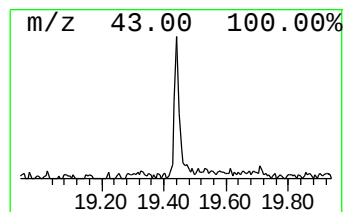
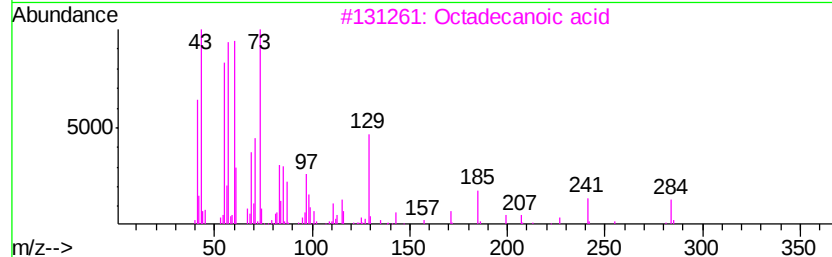
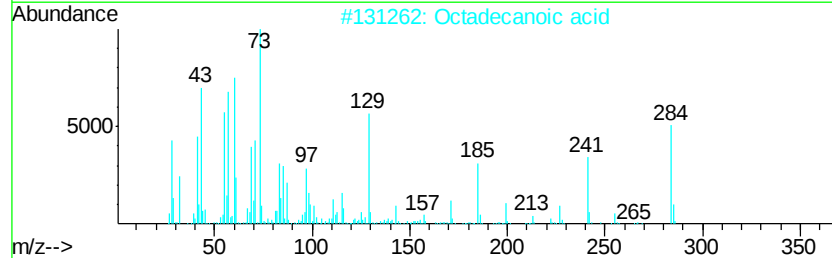
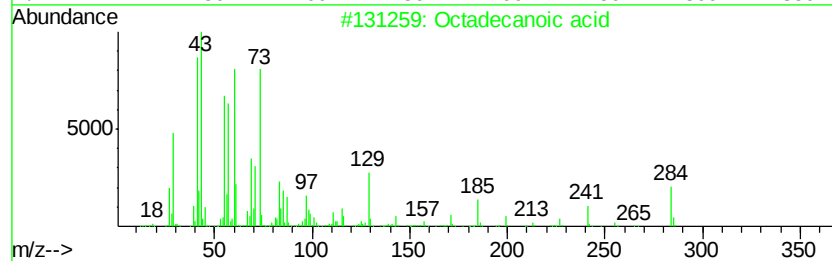
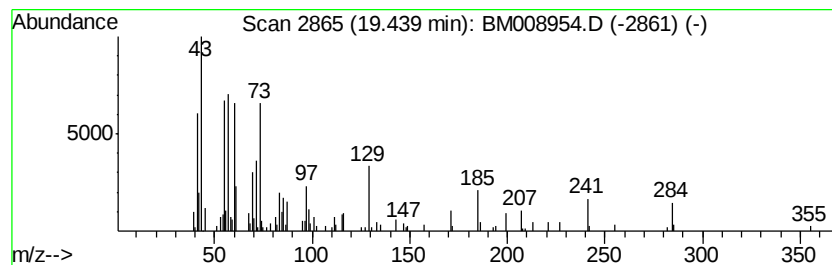
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	3.76 ng/ul	215342	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	58



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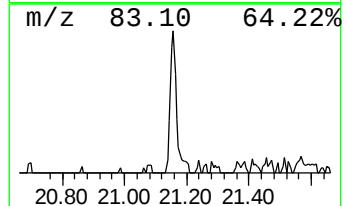
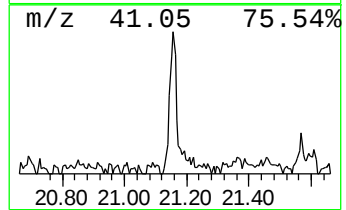
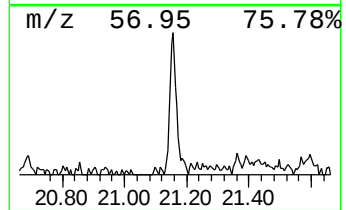
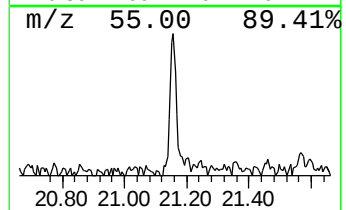
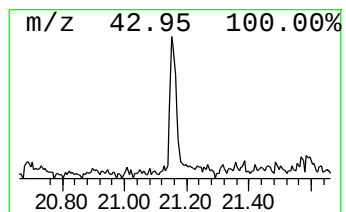
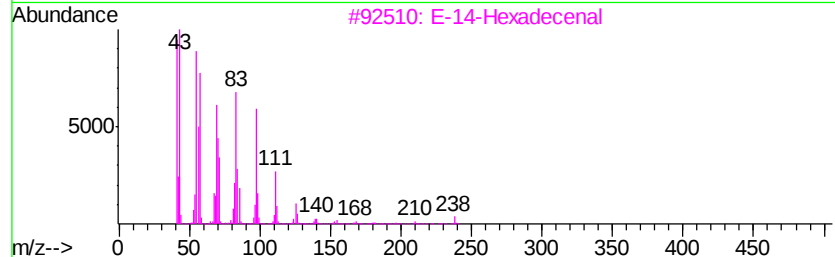
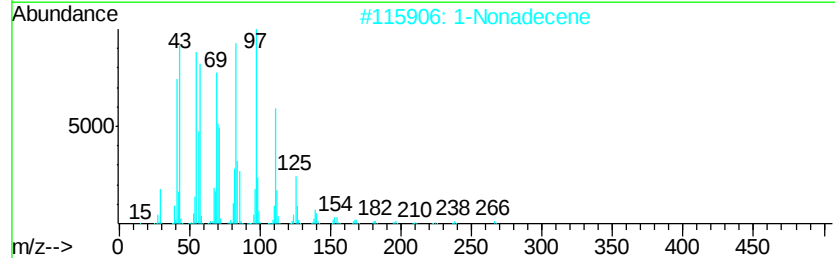
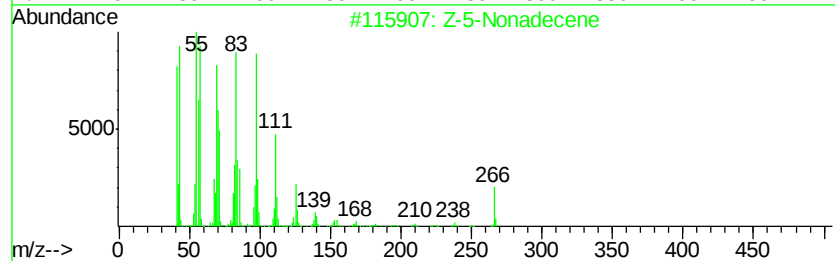
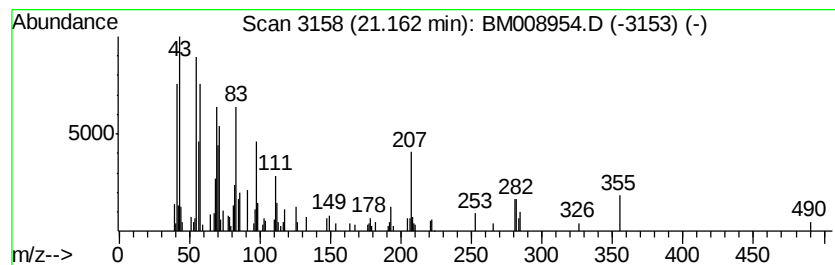
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Peak Number 3 (DEL) Alkane: Cyclic21.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.28 ng/ul	188094	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		E-14-Hexadecenal	238	C16H30O	330207-53-9	89
4		1-Nonadecene	266	C19H38	018435-45-5	87
5		1-Nonadecene	266	C19H38	018435-45-5	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	5.8	ng/ul	271060	4	17.30	934710	20.0
Octadecanoic acid	19.44	3.8	ng/ul	215342	5	21.47	1145680	20.0
(DEL) Alkane: Cyc...	21.16	3.3	ng/ul	188094	5	21.47	1145680	20.0