

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014744.D
 Acq On : 19 Apr 2018 21:30
 Operator : SJ/JU
 Sample : J2434-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

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-BM041918.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	3.675	11	15	20	rVB	71523	103900	1.62%	0.142%
2	4.751	194	198	203	rVB	47651	69079	1.07%	0.094%
3	5.522	323	329	337	rVB2	124429	215303	3.35%	0.294%
4	7.663	686	693	708	rVB2	1201806	2205711	34.30%	3.017%
5	7.845	716	724	735	rBV	952452	1506621	23.43%	2.061%
6	8.063	753	761	768	rBV	1197380	1958301	30.45%	2.679%
7	8.545	836	843	857	rVB	1178945	1957390	30.44%	2.677%
8	9.239	954	961	972	rBV	1398822	2266726	35.25%	3.100%
9	9.728	1034	1044	1052	rBV	1104537	1884892	29.31%	2.578%
10	10.092	1098	1106	1111	rBV2	47777	72286	1.12%	0.099%
11	10.457	1160	1168	1180	rBV	851672	1389279	21.60%	1.900%
12	10.992	1250	1259	1268	rBV	1401360	2338146	36.36%	3.198%
13	11.392	1319	1327	1340	rVB	1586613	2755047	42.84%	3.768%
14	11.510	1340	1347	1358	rBV	1283615	2235040	34.76%	3.057%
15	13.945	1754	1761	1766	rBV	50571	72374	1.13%	0.099%
16	14.533	1853	1861	1865	rBV	2425829	3264897	50.77%	4.466%
17	14.580	1865	1869	1875	rVB	563297	788950	12.27%	1.079%
18	14.845	1907	1914	1928	rBV	2785718	4054186	63.05%	5.545%
19	14.998	1935	1940	1945	rVB	188804	238339	3.71%	0.326%
20	15.145	1958	1965	1972	rVB2	2208951	3387250	52.67%	4.633%
21	15.298	1981	1991	2001	rBV	934762	1366128	21.24%	1.869%
22	15.604	2038	2043	2051	rBV3	43217	71740	1.12%	0.098%
23	15.933	2095	2099	2105	rVB	244534	309411	4.81%	0.423%
24	16.121	2124	2131	2137	rBV	3478967	4958527	77.11%	6.782%
25	16.215	2142	2147	2156	rVB	779036	1059672	16.48%	1.449%
26	16.333	2160	2167	2169	rBV3	54471	107229	1.67%	0.147%
27	16.786	2239	2244	2255	rBV	183181	315509	4.91%	0.432%
28	17.568	2373	2377	2381	rBV	96929	124143	1.93%	0.170%
29	17.856	2420	2426	2431	rBV	2608862	3816456	59.35%	5.220%
30	17.898	2431	2433	2437	rVV	244733	282242	4.39%	0.386%
31	17.956	2437	2443	2454	rVB	3390035	5054312	78.60%	6.913%
32	18.680	2561	2566	2576	rBV2	385863	597879	9.30%	0.818%
33	18.762	2576	2580	2584	rVB2	50240	77439	1.20%	0.106%
34	18.909	2600	2605	2609	rBV3	42183	72965	1.13%	0.100%

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35	19.862	2762	2767	2772	rVB	543343	758495	11.80%	1.037%
36	19.915	2773	2776	2781	rBV	134749	177889	2.77%	0.243%
37	20.080	2801	2804	2810	rBV2	38408	67513	1.05%	0.092%
38	20.192	2816	2823	2833	rBV2	4024111	6430470	100.00%	8.795%
39	21.597	3058	3062	3070	rBV3	752936	1001742	15.58%	1.370%
40	21.939	3114	3120	3125	rBV	3016587	4521326	70.31%	6.184%
41	24.280	3511	3518	3525	rVB2	2538495	5064613	78.76%	6.927%
42	24.438	3539	3545	3562	rVB2	1859466	4112298	63.95%	5.625%

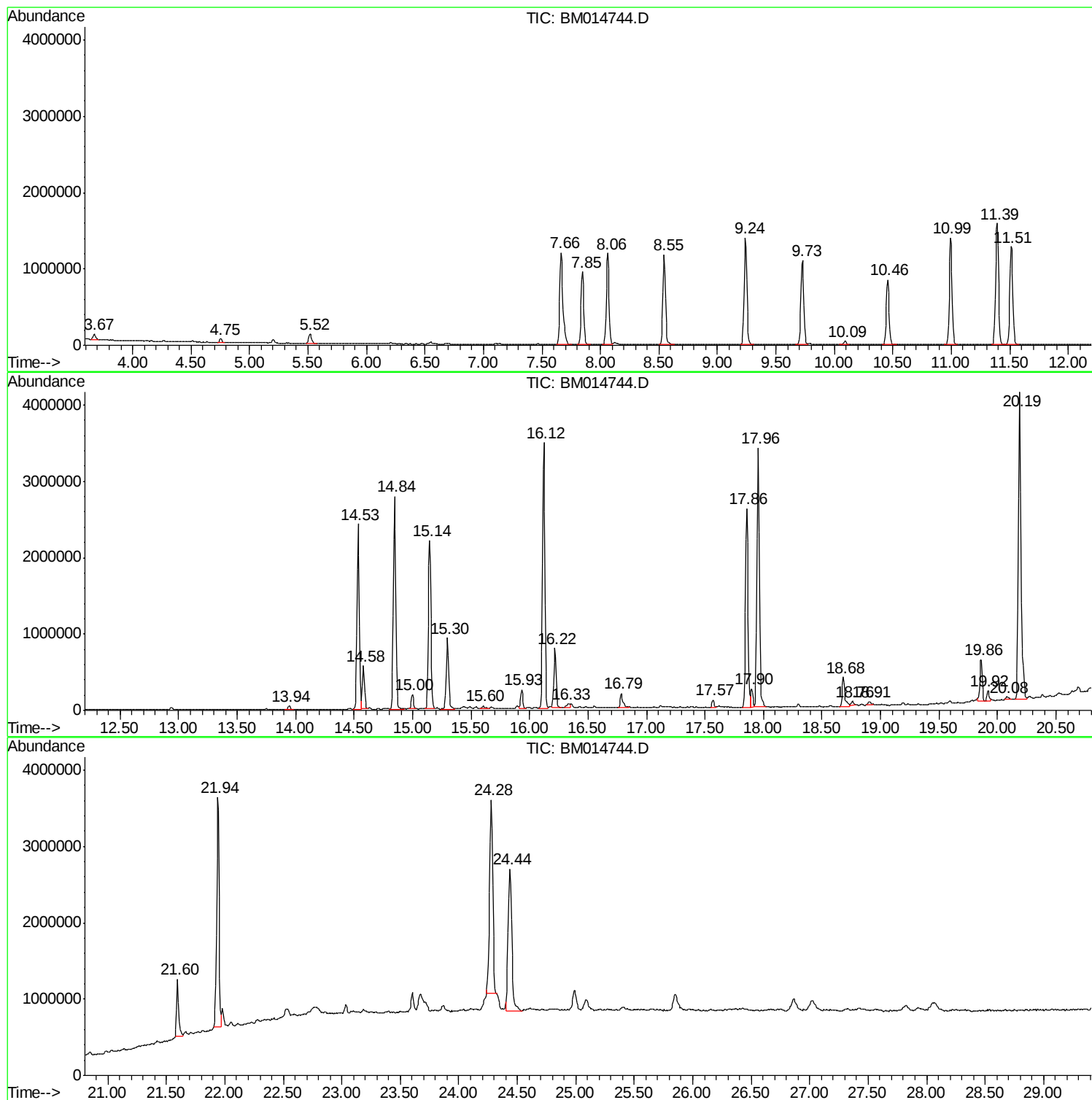
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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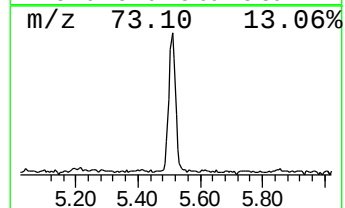
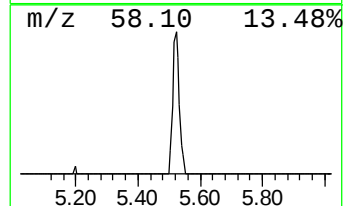
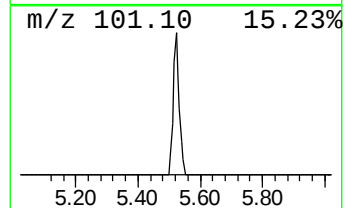
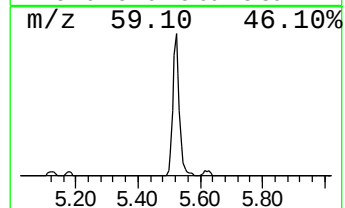
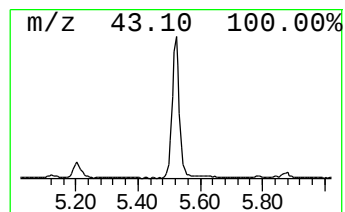
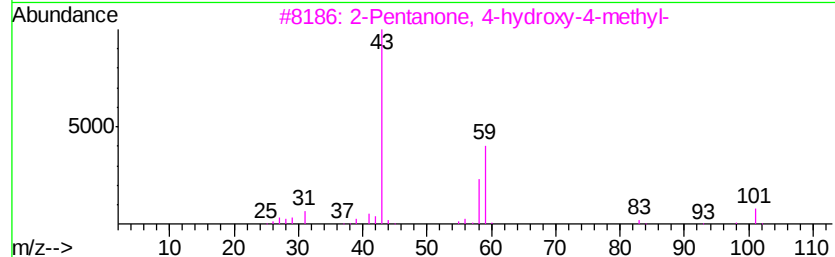
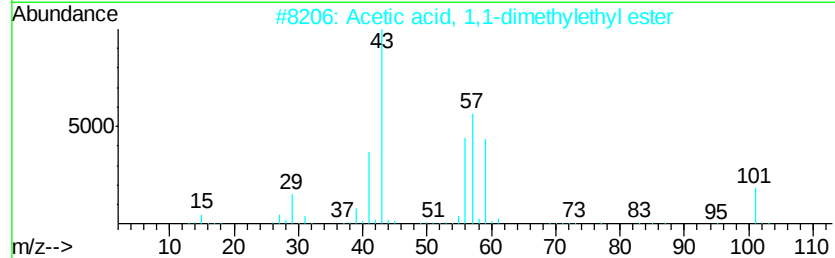
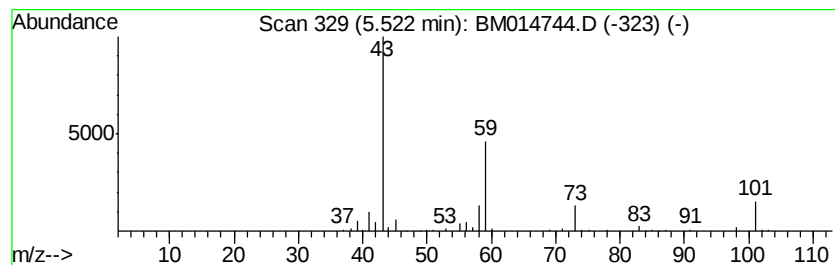
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	2.20 ng/ul	215303	1,4-Dichlorobenzene-d4	8.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23		
5	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	10		



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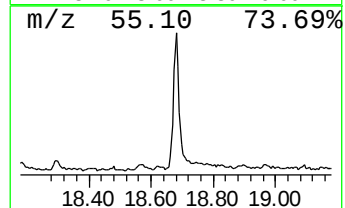
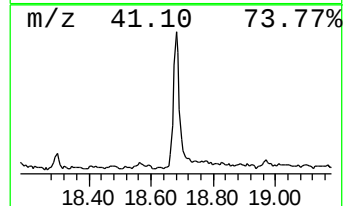
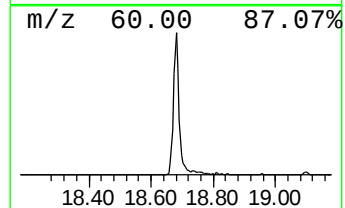
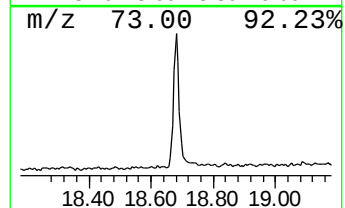
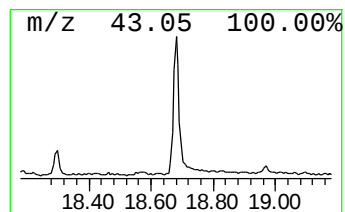
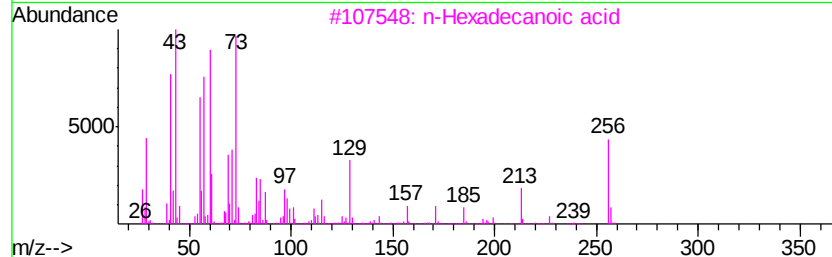
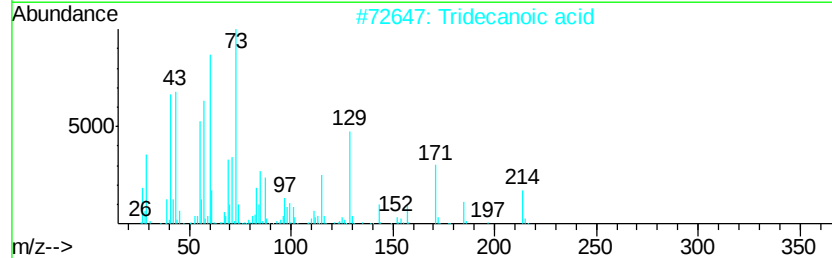
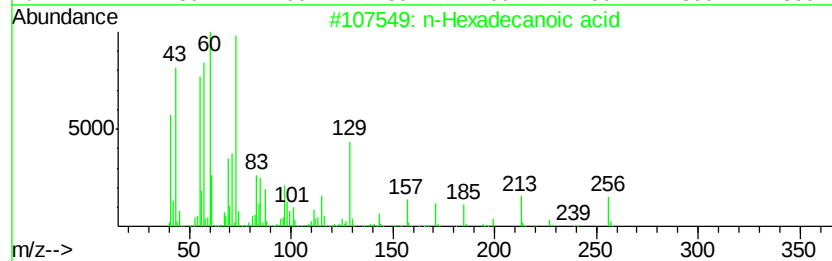
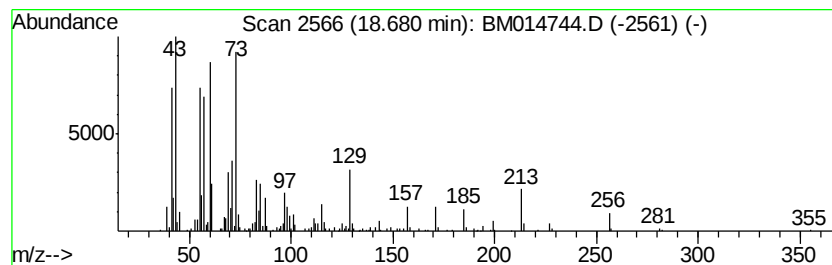
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.13 ng/ul	597879	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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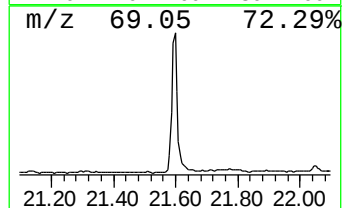
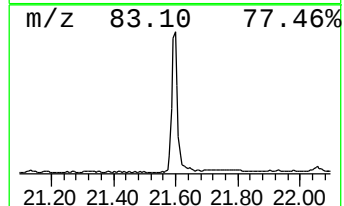
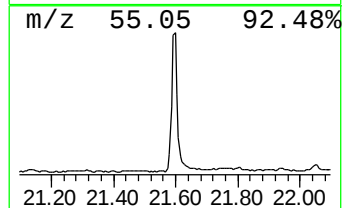
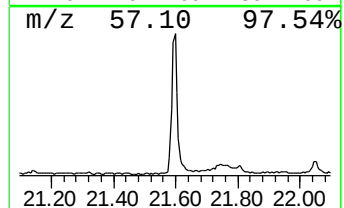
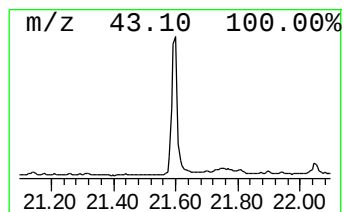
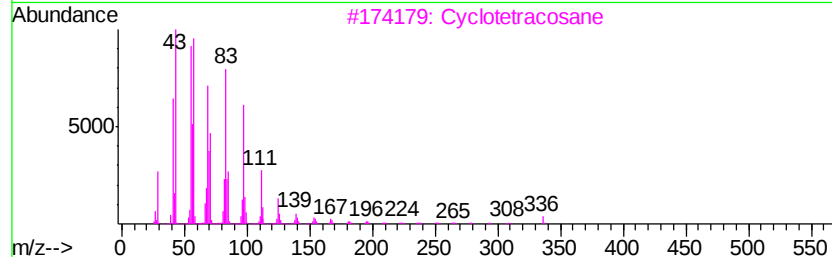
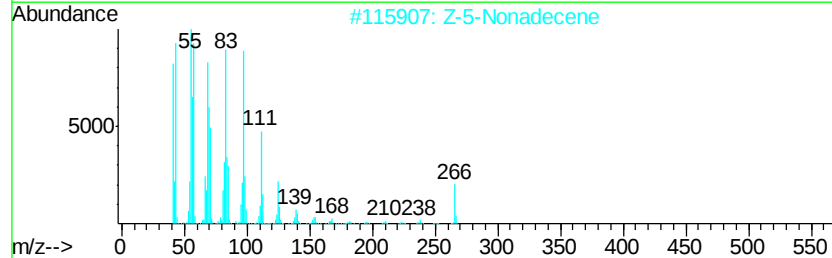
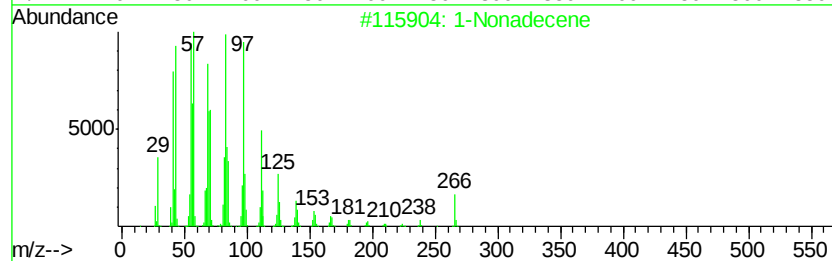
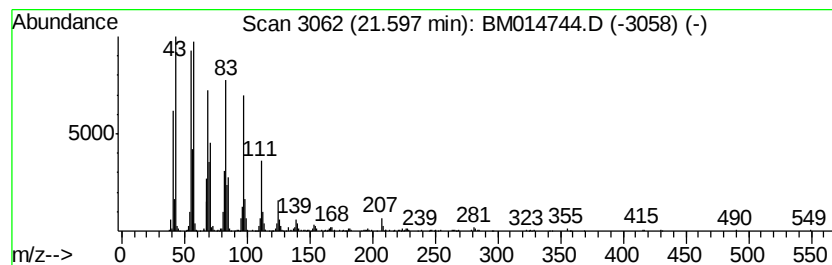
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Peak Number 3 (DEL) Alkane: Cyclic21.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	4.43 ng/ul	1001740	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	98
3		Cyclotetracosane	336	C24H48	000297-03-0	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.52	2.2	ng/ul	215303	1	8.55	1957390	20.0
n-Hexadecanoic acid	18.68	3.1	ng/ul	597879	4	17.86	3816460	20.0
(DEL) Alkane: Cyc...	21.60	4.4	ng/ul	1001740	5	21.94	4521330	20.0