

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014948.D
 Acq On : 03 May 2018 18:13
 Operator : SJ/JU
 Sample : J2554-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

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	3.334	4	8	15	rVV	2276723	2890611	52.41%	3.954%
2	3.393	15	18	25	rVB	62829	93147	1.69%	0.127%
3	3.640	55	60	66	rVB	60897	87082	1.58%	0.119%
4	4.228	155	160	167	rVB	97326	134544	2.44%	0.184%
5	7.616	729	736	751	rBV	1242474	2116448	38.37%	2.895%
6	7.793	759	766	779	rBV	879498	1438470	26.08%	1.968%
7	8.010	796	803	812	rBV	1189517	1965738	35.64%	2.689%
8	8.492	878	885	896	rBV	1333015	2199361	39.87%	3.008%
9	9.187	996	1003	1012	rBV	1210595	2024261	36.70%	2.769%
10	9.675	1077	1086	1094	rBV	1094435	1895829	34.37%	2.593%
11	10.404	1199	1210	1223	rBV	883489	1529496	27.73%	2.092%
12	10.939	1293	1301	1316	rBV	1446503	2434177	44.13%	3.330%
13	11.333	1359	1368	1378	rBV	1707262	2966092	53.78%	4.057%
14	11.457	1382	1389	1405	rBV	1200701	2214972	40.16%	3.030%
15	14.486	1895	1904	1909	rBV	2445151	3361855	60.95%	4.599%
16	14.533	1909	1912	1918	rVB	419358	551254	9.99%	0.754%
17	14.798	1950	1957	1969	rBV	2727480	4081924	74.00%	5.583%
18	14.945	1977	1982	1988	rBV	115007	154548	2.80%	0.211%
19	15.098	2001	2008	2016	rBV2	2211883	3381735	61.31%	4.626%
20	15.257	2028	2035	2052	rBV	987804	1577184	28.59%	2.157%
21	15.886	2137	2142	2147	rVB2	148441	198184	3.59%	0.271%
22	16.074	2167	2174	2181	rBV	3486289	4903184	88.89%	6.707%
23	16.174	2185	2191	2200	rVV	942374	1313631	23.82%	1.797%
24	16.310	2204	2214	2220	rVB2	41248	131398	2.38%	0.180%
25	16.739	2282	2287	2296	rBV	105607	179900	3.26%	0.246%
26	17.521	2416	2420	2424	rBV	60097	77152	1.40%	0.106%
27	17.810	2463	2469	2474	rBV	2519479	3576918	64.85%	4.893%
28	17.851	2474	2476	2480	rVV	76119	92081	1.67%	0.126%
29	17.910	2480	2486	2498	rVB	3427072	4896131	88.77%	6.697%
30	18.639	2605	2610	2618	rBV	538279	757565	13.73%	1.036%
31	19.815	2807	2810	2815	rVB	159754	214961	3.90%	0.294%
32	19.874	2816	2820	2832	rBV	232837	356189	6.46%	0.487%
33	20.145	2860	2866	2878	rBV2	3894034	5515745	100.00%	7.545%
34	21.556	3102	3106	3115	rVB	811932	1117440	20.26%	1.528%

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35	21.898	3159	3164	3169	rBV	2730331	3596375	65.20%	4.919%
36	24.215	3552	3558	3572	rVB	2579422	5337247	96.76%	7.301%
37	24.374	3579	3585	3601	rVB2	1795235	3744631	67.89%	5.122%

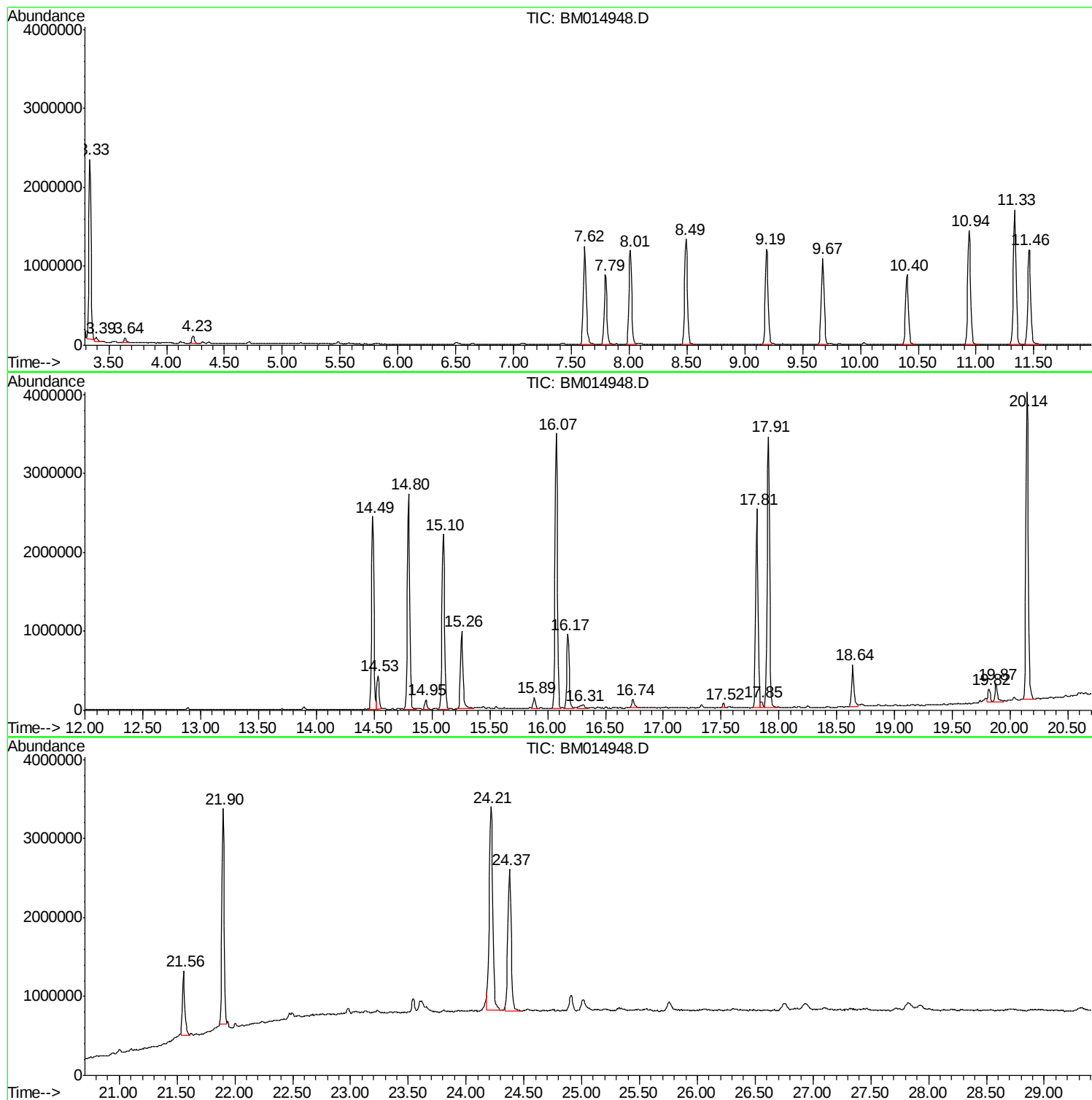
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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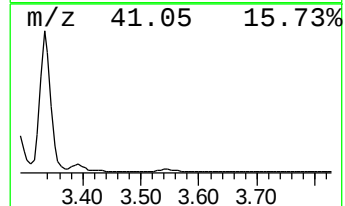
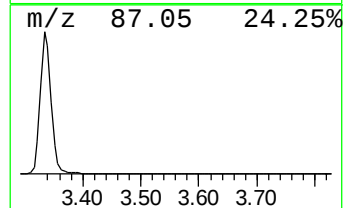
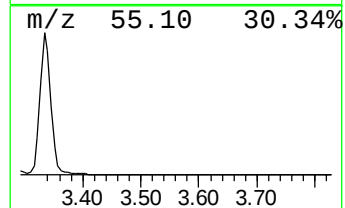
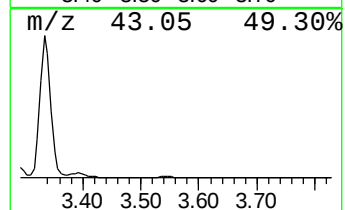
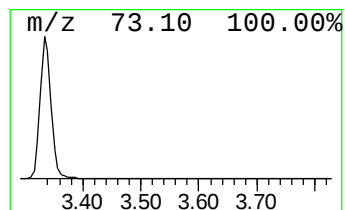
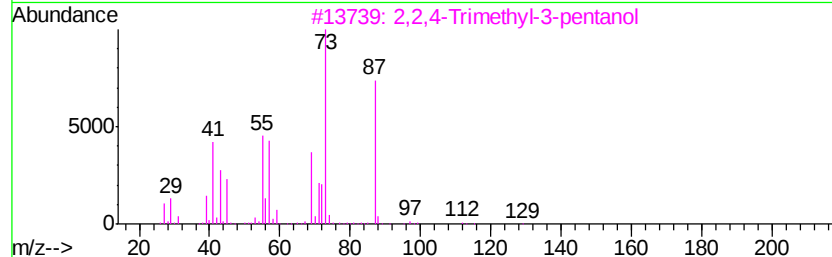
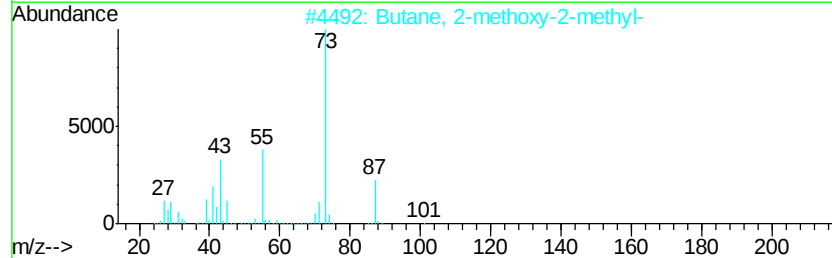
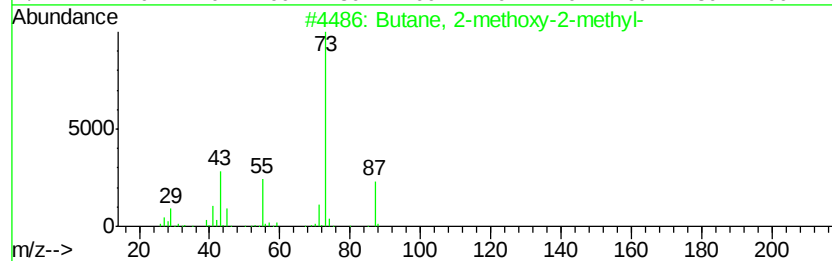
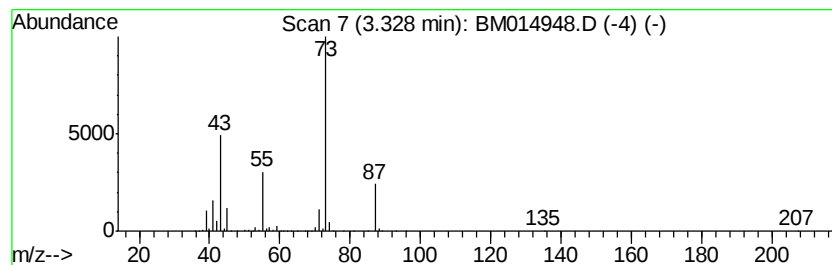
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	26.29 ng/ul	2890610	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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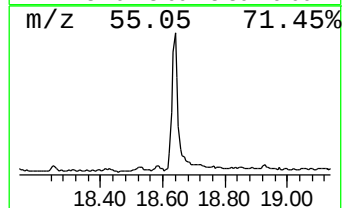
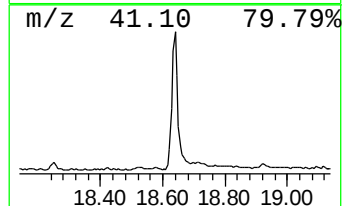
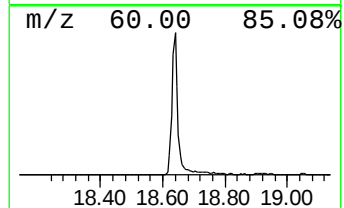
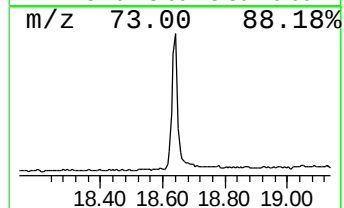
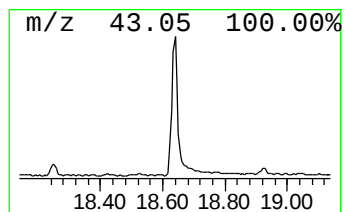
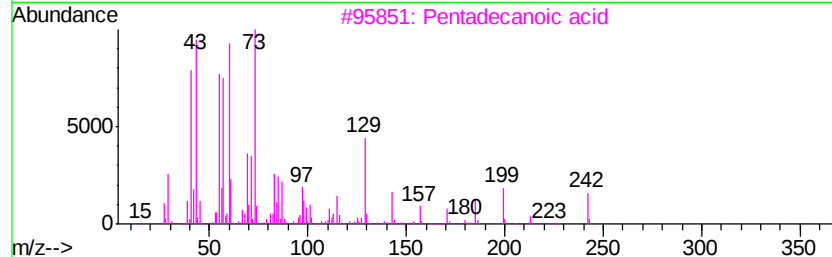
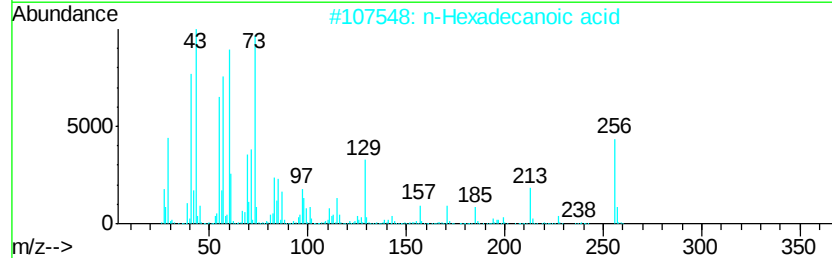
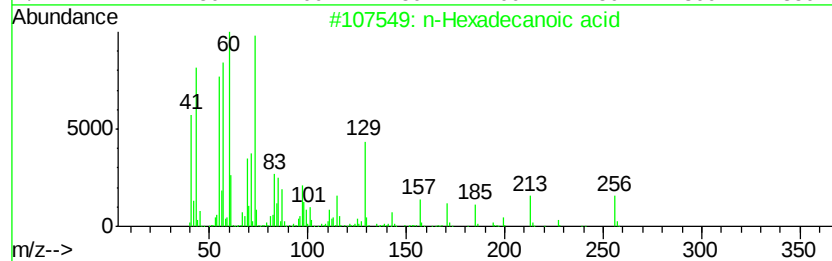
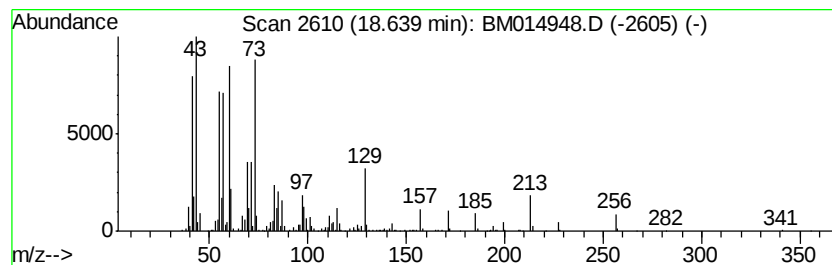
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	4.24 ng/ul	757565	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	



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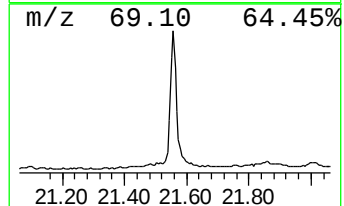
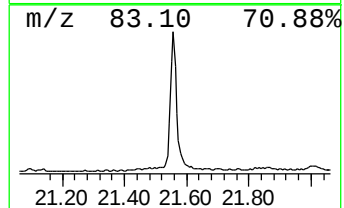
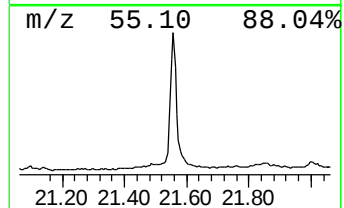
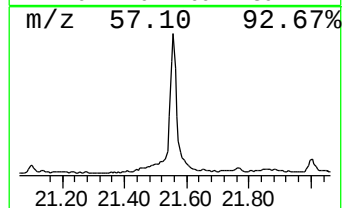
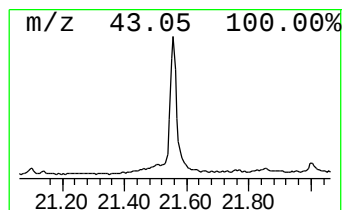
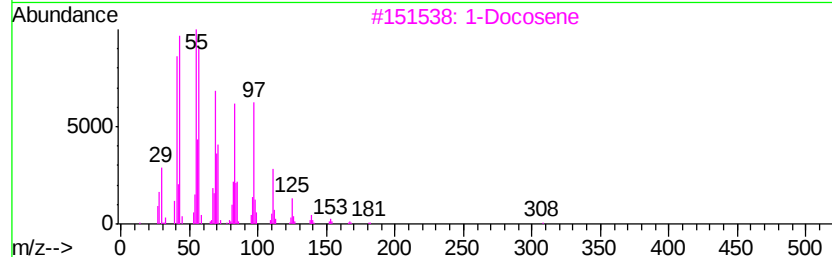
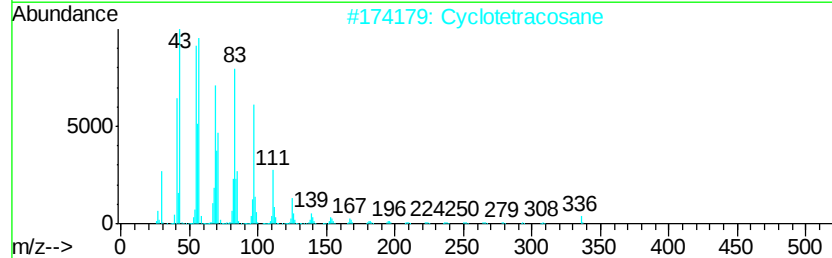
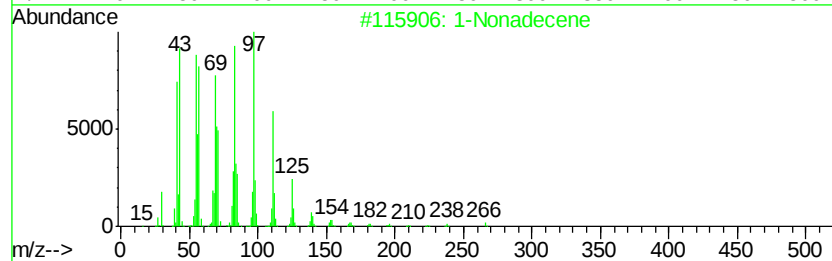
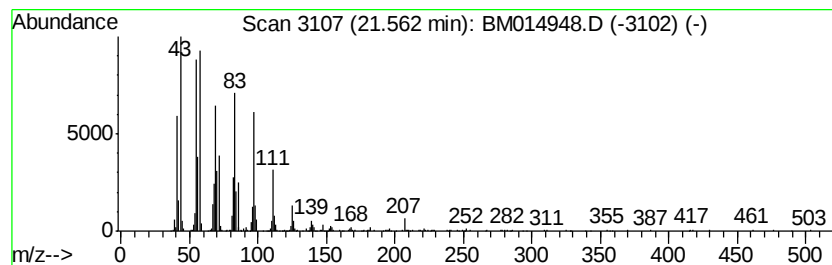
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Peak Number 3 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	6.21 ng/ul	1117440	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	97
2		Cyclotetracosane	336	C24H48	000297-03-0	95
3		1-Docosene	308	C22H44	001599-67-3	95
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		Octacosanol	410	C28H58O	000557-61-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	26.3	ng/ul	2890610	1	8.49	2199360	20.0
n-Hexadecanoic acid	18.64	4.2	ng/ul	757565	4	17.81	3576920	20.0
(DEL) Alkane: Cyc...	21.56	6.2	ng/ul	1117440	5	21.90	3596380	20.0