

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014879.D
 Acq On : 30 Apr 2018 22:32
 Operator : SJ/JU
 Sample : J2551-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1B57

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	3.340	4	9	25	rVB	864312	1345245	16.22%	1.525%
2	3.640	56	60	75	rVB	110649	181212	2.18%	0.205%
3	5.487	368	374	382	rVB	93330	147090	1.77%	0.167%
4	7.622	730	737	752	rVB	403690	748142	9.02%	0.848%
5	7.798	760	767	779	rBV	1326992	2121316	25.57%	2.405%
6	8.016	796	804	814	rBV	1457481	2351803	28.35%	2.666%
7	8.498	879	886	898	rBV	1368681	2279889	27.48%	2.584%
8	9.192	997	1004	1016	rBV	1093389	1772456	21.37%	2.009%
9	9.681	1079	1087	1096	rBV	1596005	2725514	32.85%	3.090%
10	10.410	1202	1211	1221	rBV	1266305	2134397	25.73%	2.419%
11	10.945	1294	1302	1317	rBV	1857516	3139648	37.85%	3.559%
12	11.339	1361	1369	1375	rBV	1881801	3181896	38.36%	3.607%
13	11.392	1375	1378	1385	rVB	65176	102023	1.23%	0.116%
14	11.469	1385	1391	1397	rBV	98899	178596	2.15%	0.202%
15	14.492	1897	1905	1910	rBV	3436492	4646106	56.01%	5.267%
16	14.539	1910	1913	1918	rVB	324118	426736	5.14%	0.484%
17	14.804	1951	1958	1971	rBV	3765560	5670219	68.35%	6.428%
18	14.957	1979	1984	1988	rVB	149870	191577	2.31%	0.217%
19	15.104	2000	2009	2016	rBV2	2627402	4033651	48.62%	4.572%
20	15.163	2016	2019	2024	rVB	65088	91856	1.11%	0.104%
21	15.257	2030	2035	2047	rBV	270226	471752	5.69%	0.535%
22	15.492	2071	2075	2082	rVB2	52001	84897	1.02%	0.096%
23	15.892	2138	2143	2148	rVB	197584	241407	2.91%	0.274%
24	16.080	2167	2175	2181	rBV	4745908	6826097	82.28%	7.738%
25	16.180	2187	2192	2203	rVB	1463403	2003420	24.15%	2.271%
26	16.739	2283	2287	2297	rBV	158322	271771	3.28%	0.308%
27	17.527	2416	2421	2425	rBV	64580	84206	1.02%	0.095%
28	17.815	2463	2470	2476	rBV	3164036	4466213	53.84%	5.063%
29	17.915	2480	2487	2499	rVB	4923628	7256378	87.47%	8.226%
30	18.645	2605	2611	2622	rBV	579921	845313	10.19%	0.958%
31	19.792	2800	2806	2811	rVB2	61894	119034	1.43%	0.135%
32	19.886	2817	2822	2830	rBV	317545	481980	5.81%	0.546%
33	20.150	2861	2867	2877	rBV	6084275	8196019	98.80%	9.291%
34	21.562	3103	3107	3118	rBV	666104	967684	11.66%	1.097%

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35	21.644	3119	3121	3128	rVB	107741	144583	1.74%	0.164%
36	21.903	3160	3165	3171	rBV	3917465	5122106	61.74%	5.806%
37	24.221	3552	3559	3569	rVB	4016562	8295701	100.00%	9.404%
38	24.385	3580	3587	3598	rVB2	2298145	4870011	58.71%	5.520%

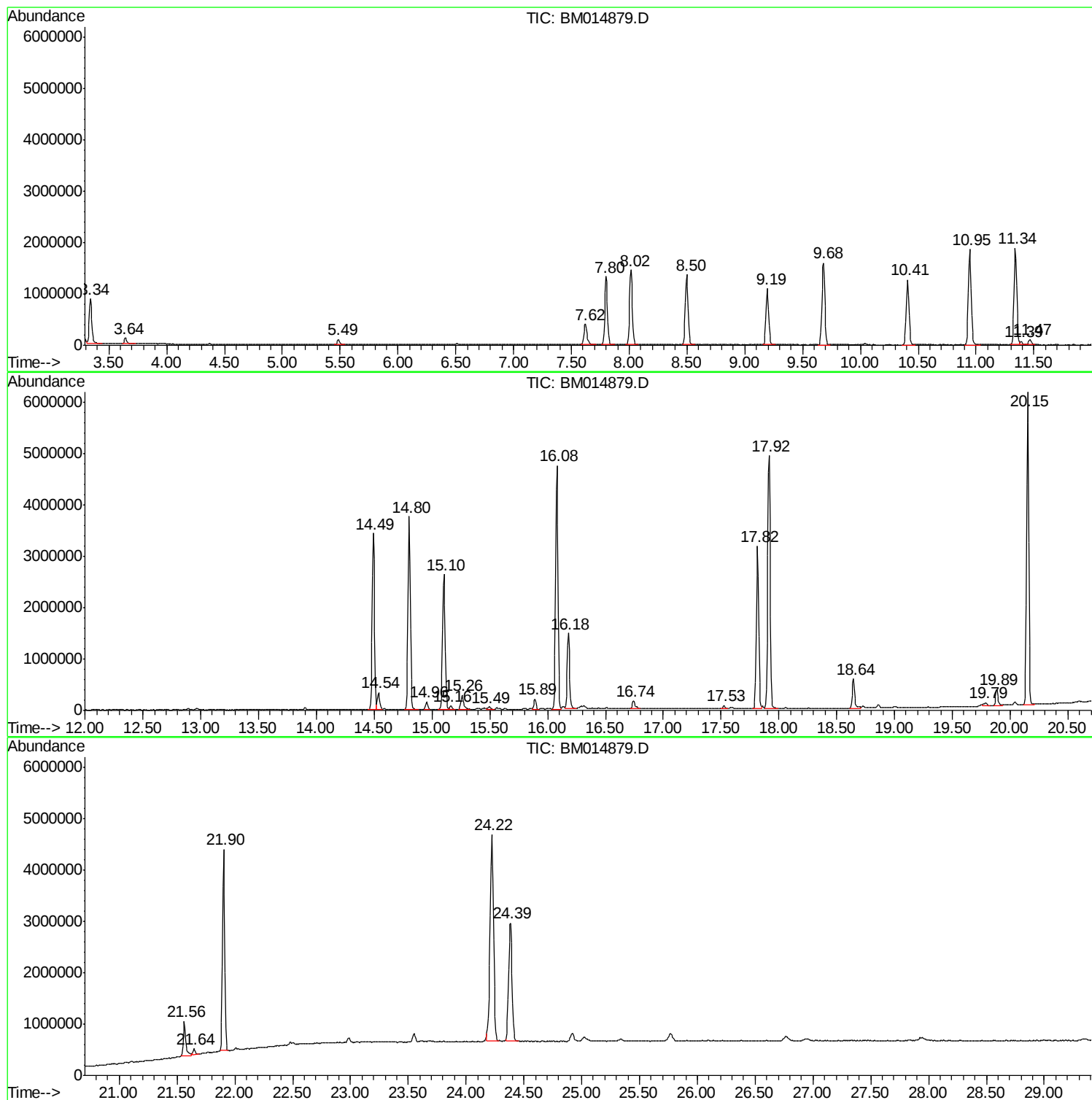
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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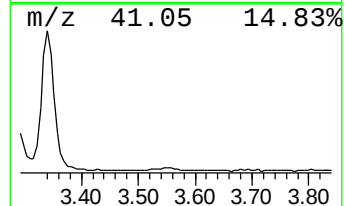
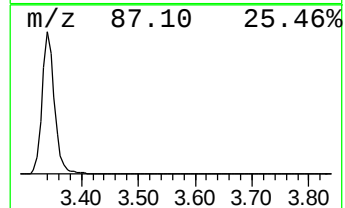
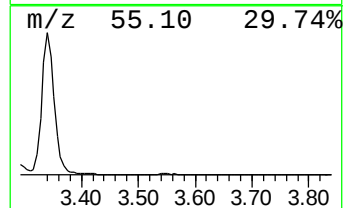
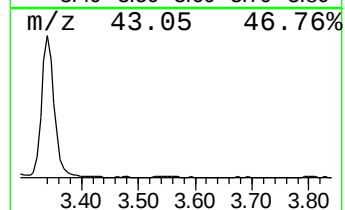
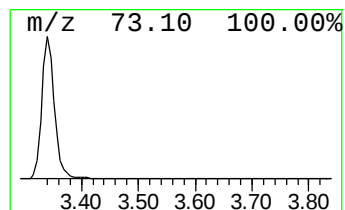
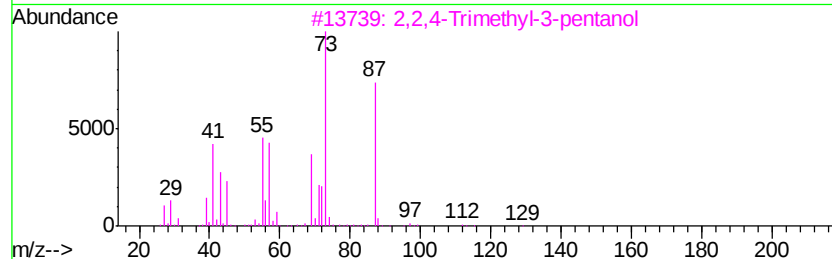
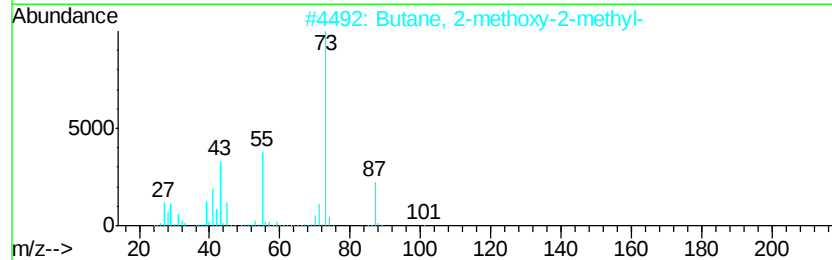
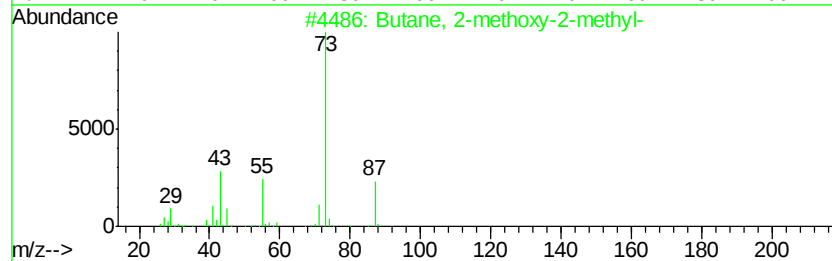
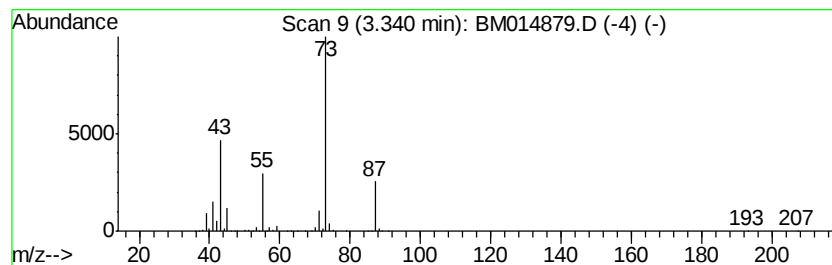
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	11.80 ng/ul	1345250	1,4-Dichlorobenzene-d4	8.50

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	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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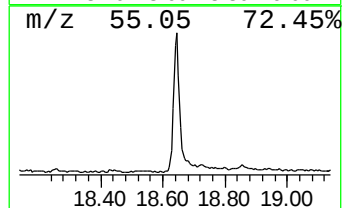
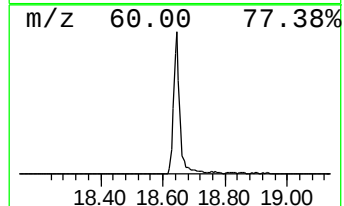
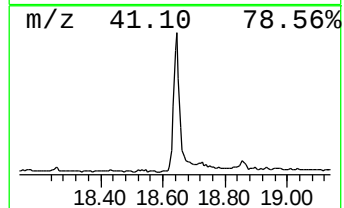
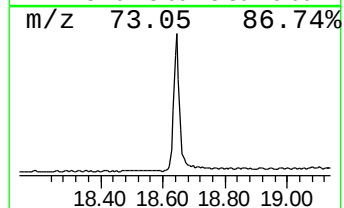
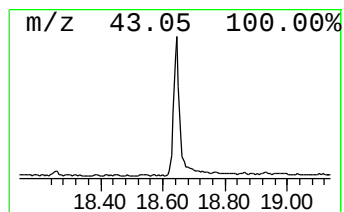
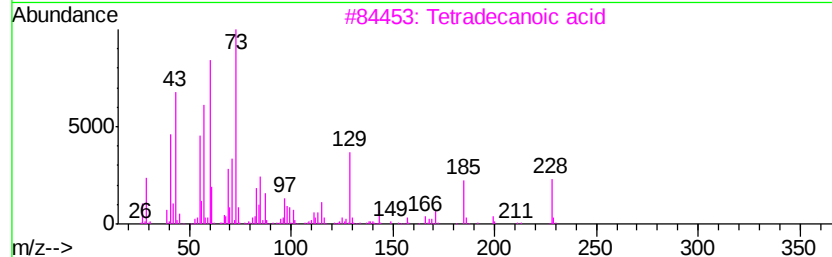
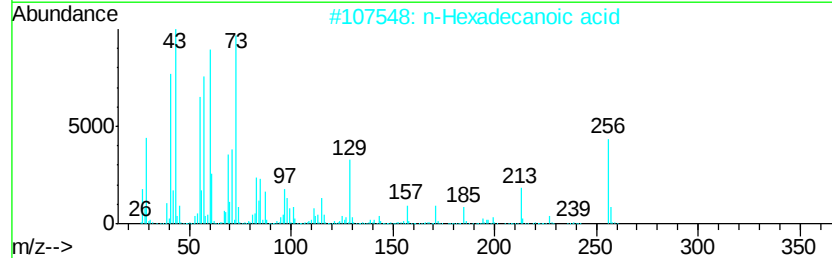
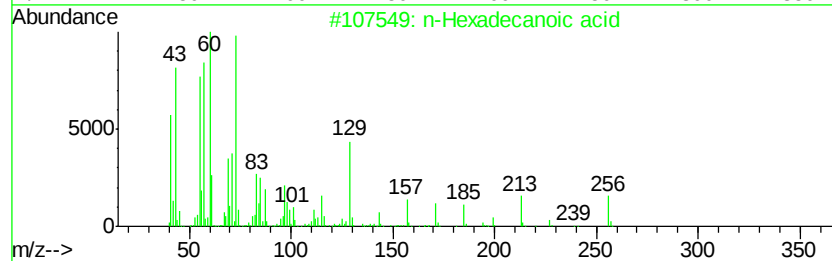
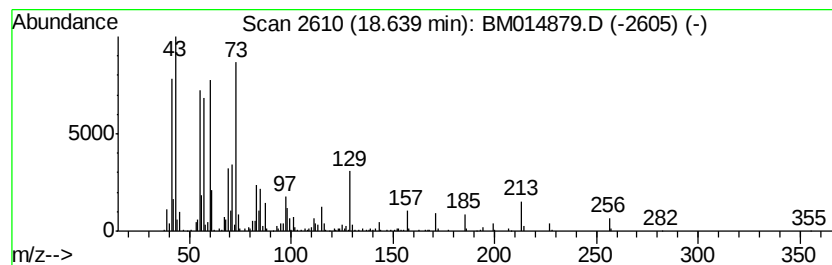
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.79 ng/ul	845313	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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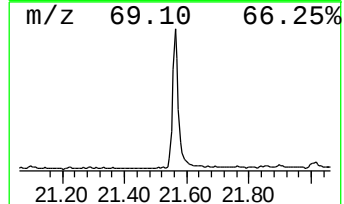
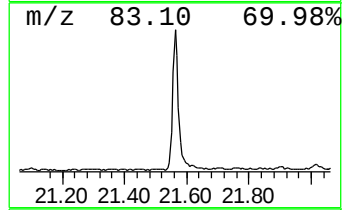
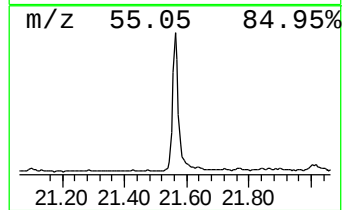
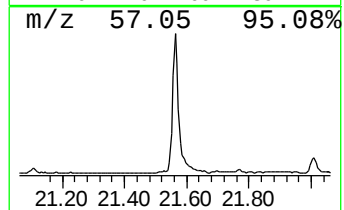
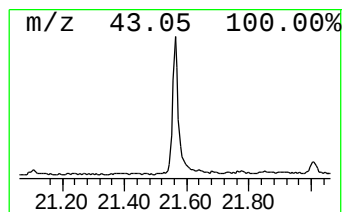
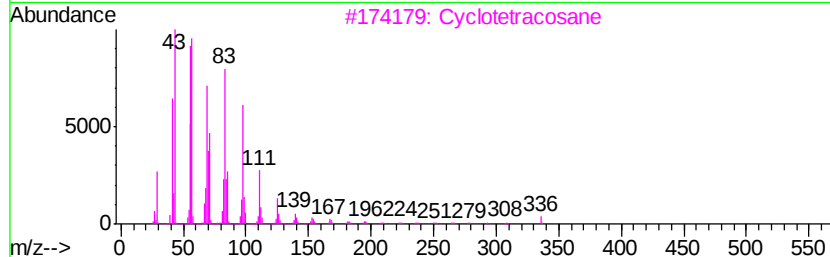
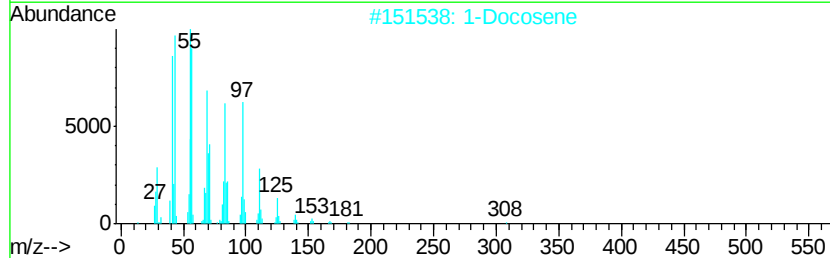
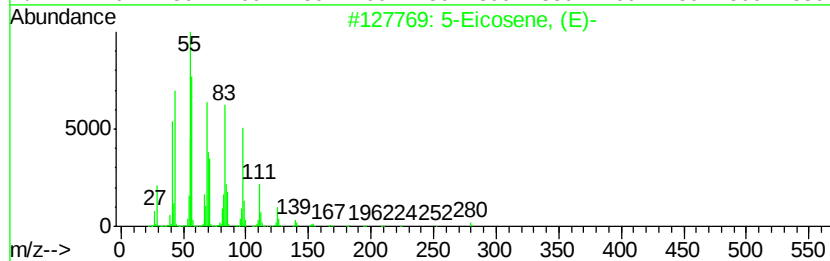
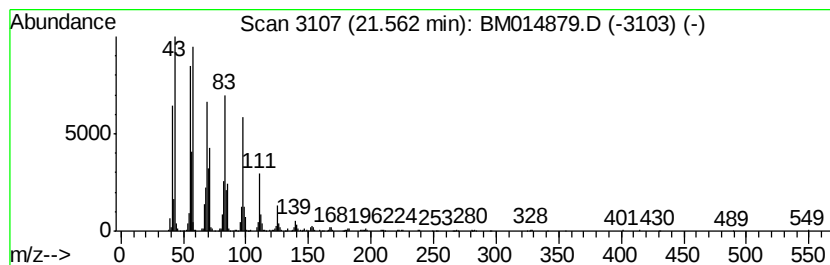
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Peak Number 3 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	3.78 ng/ul	967684	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Docosene	308	C22H44	001599-67-3	95
3		Cyclotetracosane	336	C24H48	000297-03-0	95
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	11.8	ng/ul	1345250	1	8.50	2279890	20.0
n-Hexadecanoic acid	18.64	3.8	ng/ul	845313	4	17.82	4466210	20.0
(DEL) Alkane: Cyc...	21.56	3.8	ng/ul	967684	5	21.90	5122110	20.0