

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014949.D
 Acq On : 03 May 2018 18:51
 Operator : SJ/JU
 Sample : J2554-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG3

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	16	rVB	2421652	3149598	45.89%	3.883%
2	3.640	56	60	70	rVB	76981	108150	1.58%	0.133%
3	7.616	729	736	752	rBV	1423754	2396702	34.92%	2.955%
4	7.793	760	766	780	rBV	1059712	1722178	25.09%	2.123%
5	8.010	794	803	812	rBV	1397986	2254373	32.85%	2.780%
6	8.492	877	885	897	rBV	1316128	2147198	31.28%	2.647%
7	9.187	996	1003	1015	rBV	1493119	2581100	37.61%	3.182%
8	9.675	1078	1086	1094	rBV	1311878	2227775	32.46%	2.747%
9	10.404	1200	1210	1221	rBV	1031989	1773409	25.84%	2.187%
10	10.939	1294	1301	1316	rBV	1665909	2821176	41.10%	3.478%
11	11.333	1360	1368	1377	rBV	1700682	2875762	41.90%	3.546%
12	11.457	1381	1389	1400	rBV	1343641	2409171	35.10%	2.970%
13	14.486	1896	1904	1909	rBV	2686376	3818209	55.63%	4.708%
14	14.533	1909	1912	1918	rVB	424714	551807	8.04%	0.680%
15	14.798	1950	1957	1969	rBV	3163978	4714278	68.69%	5.813%
16	14.951	1977	1983	1991	rVB	89805	113929	1.66%	0.140%
17	15.098	2001	2008	2015	rBV2	2129420	3239231	47.19%	3.994%
18	15.257	2029	2035	2054	rBV	1269167	1929563	28.11%	2.379%
19	15.886	2138	2142	2147	rVB	112426	143410	2.09%	0.177%
20	16.074	2166	2174	2181	rBV	3976114	5696054	82.99%	7.023%
21	16.174	2185	2191	2202	rVV	1120067	1588050	23.14%	1.958%
22	16.310	2204	2214	2221	rVB3	50564	139310	2.03%	0.172%
23	16.421	2228	2233	2239	rBV3	57192	81727	1.19%	0.101%
24	16.739	2282	2287	2295	rBV	92141	158557	2.31%	0.195%
25	17.521	2416	2420	2424	rBV	57875	68643	1.00%	0.085%
26	17.810	2463	2469	2475	rBV2	2357291	3428950	49.96%	4.228%
27	17.909	2480	2486	2498	rVV	4063976	5761586	83.95%	7.104%
28	18.580	2596	2600	2605	rBV	105755	141201	2.06%	0.174%
29	18.639	2605	2610	2620	rVV	463461	660497	9.62%	0.814%
30	19.786	2799	2805	2807	rBV	71447	109220	1.59%	0.135%
31	19.821	2807	2811	2816	rVB	218690	302218	4.40%	0.373%
32	19.880	2816	2821	2830	rBV	225773	341044	4.97%	0.420%
33	20.151	2860	2867	2878	rBV	4565049	6721620	97.93%	8.287%
34	21.556	3102	3106	3114	rBV3	280405	458385	6.68%	0.565%

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35	21.897	3158	3164	3169	rBV	2729908	3799716	55.36%	4.685%
36	24.215	3552	3558	3573	rVB	3195341	6863516	100.00%	8.462%
37	24.374	3579	3585	3599	rVB	1847032	3808458	55.49%	4.696%

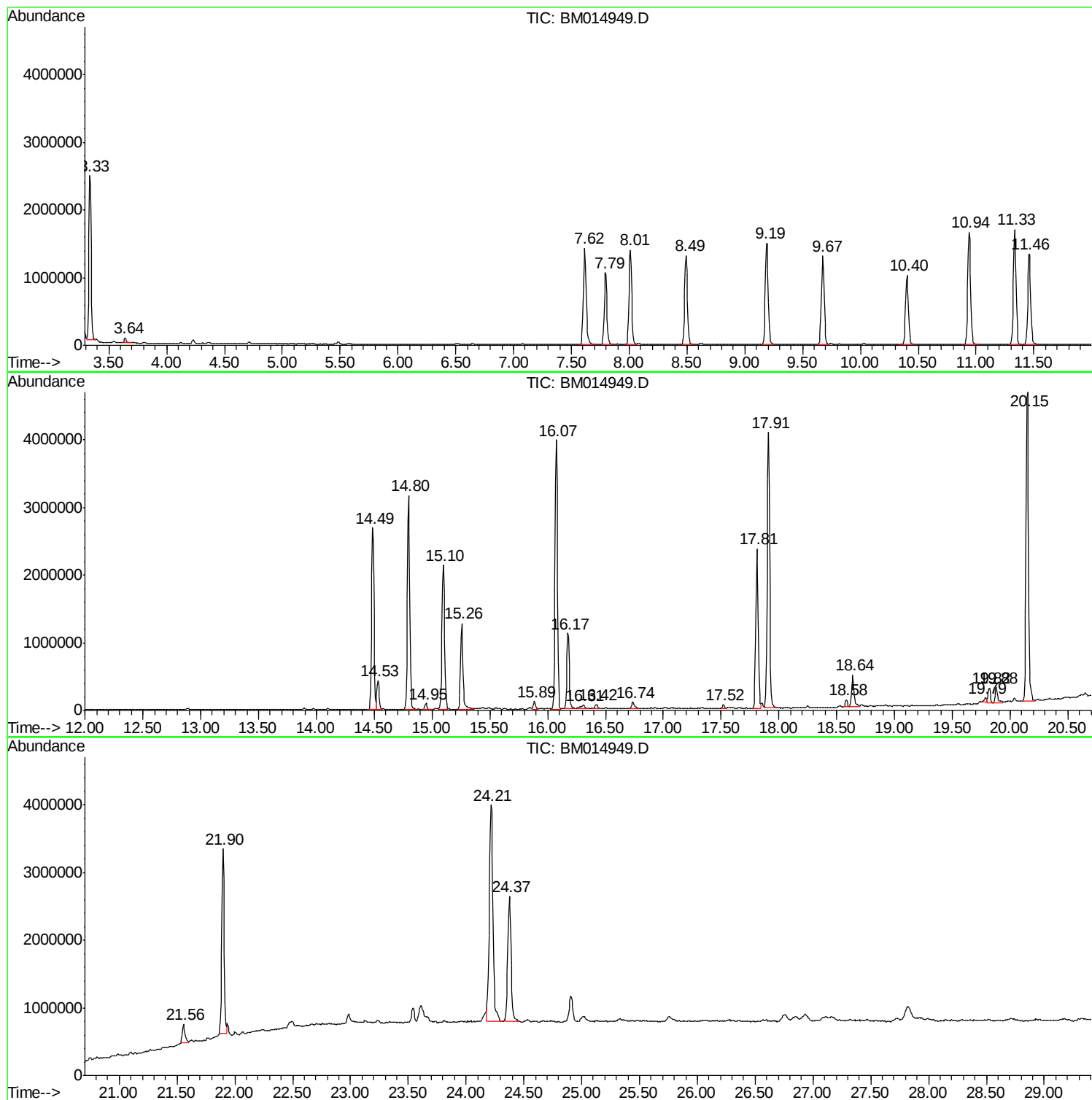
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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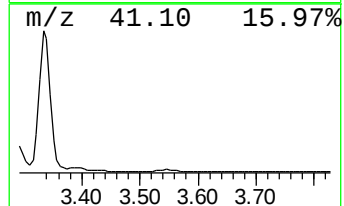
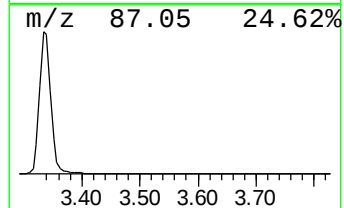
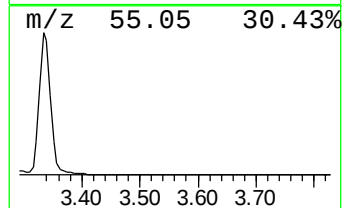
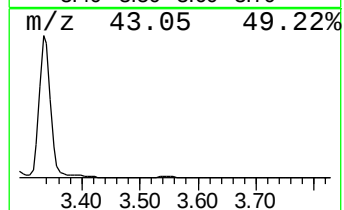
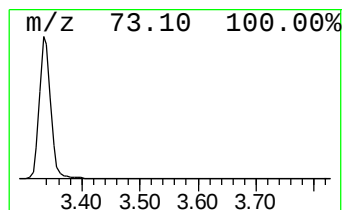
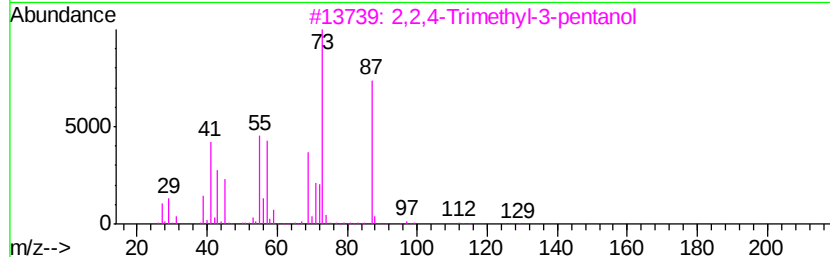
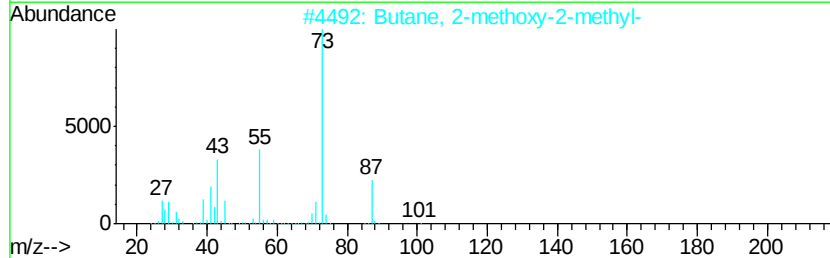
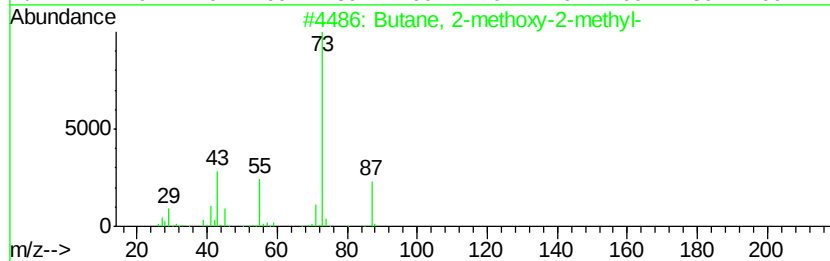
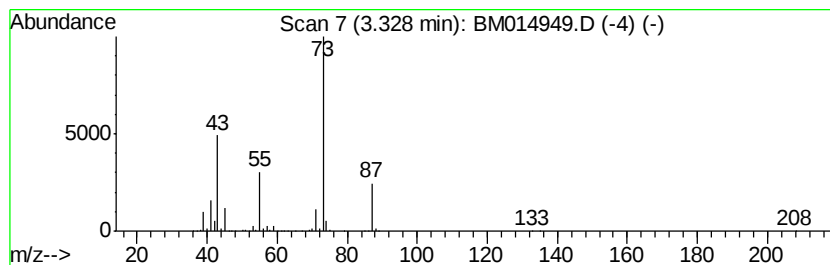
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	29.34 ng/ul	3149600	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	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37



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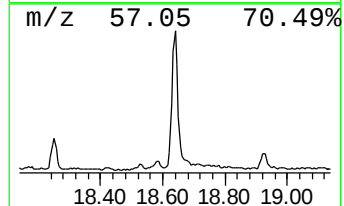
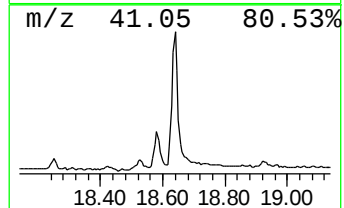
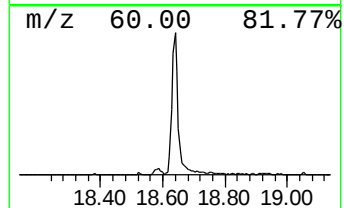
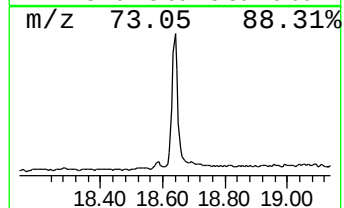
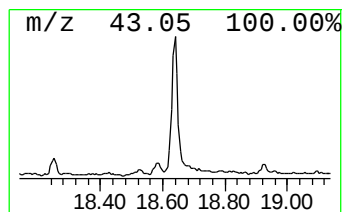
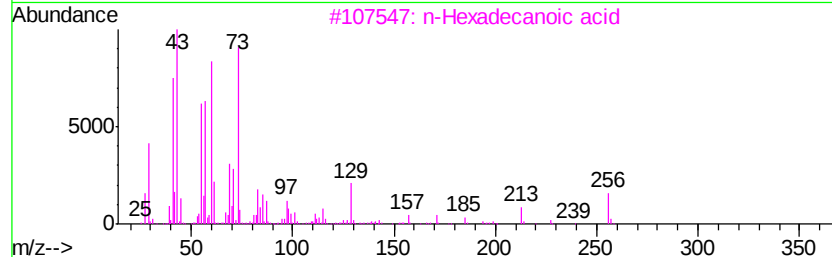
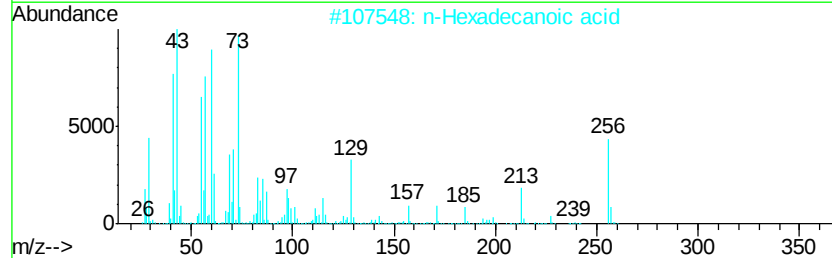
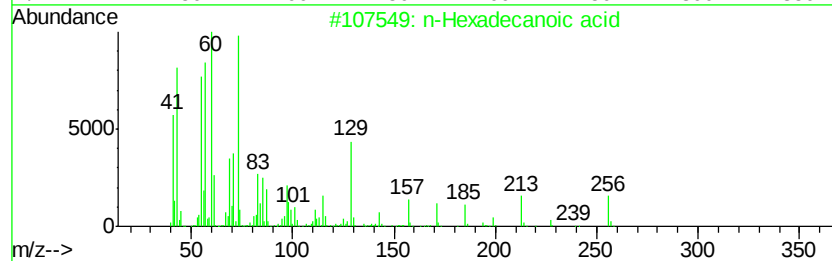
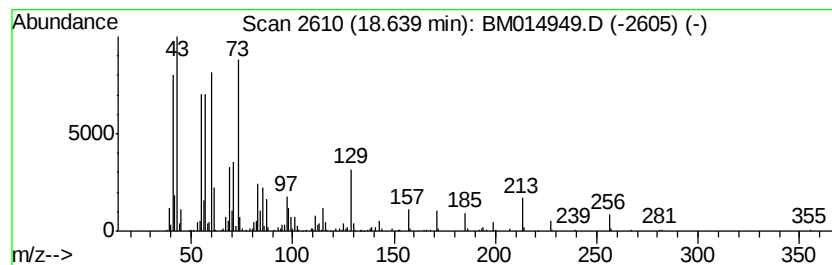
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.85 ng/ul	660497	Phenanthrene-d10	17.81

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	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	89



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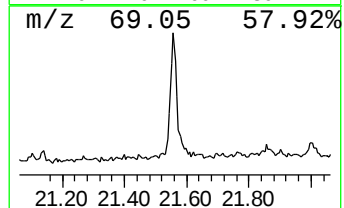
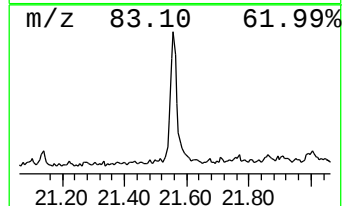
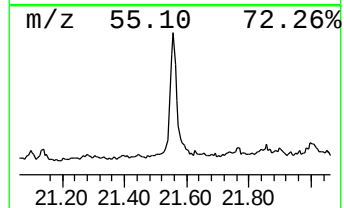
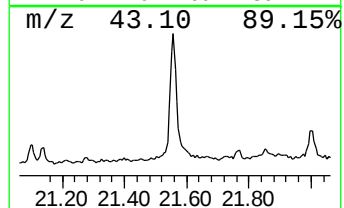
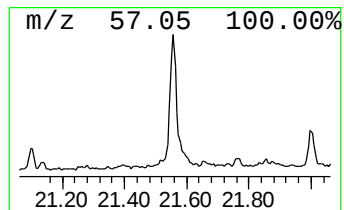
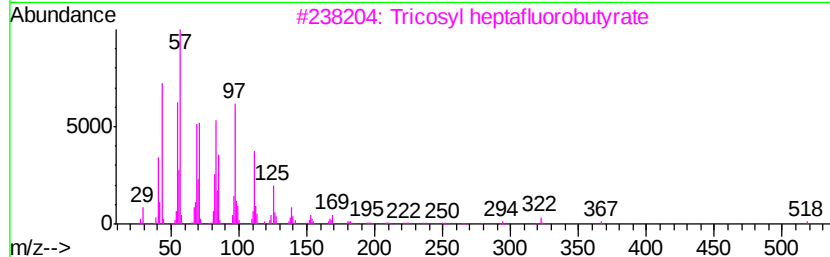
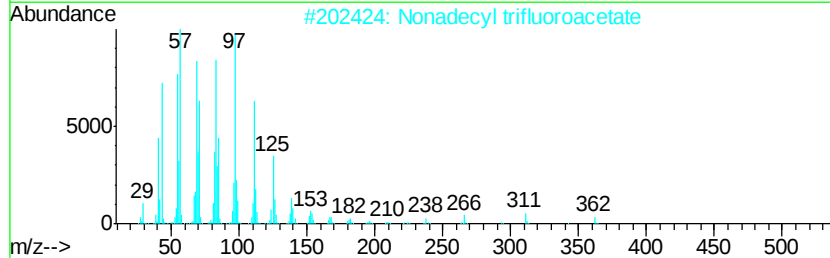
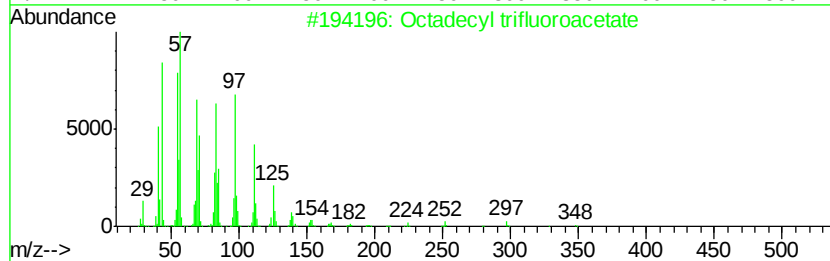
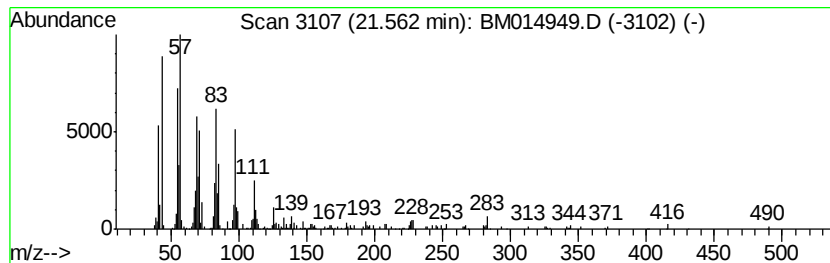
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Peak Number 3 Octadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.41 ng/ul	458385	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl	trifluoroacetate	366	C20H37F3O2	079392-43-1	90
2	Nonadecyl	trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
3	Tricosyl	heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90
4	Ethanol, 2-(tetradecyloxy)-		258	C16H34O2	002136-70-1	90
5	Docosyl	pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	29.3	ng/ul	3149600	1	8.49	2147200	20.0
n-Hexadecanoic acid	18.64	3.9	ng/ul	660497	4	17.81	3428950	20.0
Octadecyl trifluo...	21.56	2.4	ng/ul	458385	5	21.90	3799720	20.0