

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120320.D
 Acq On : 15 May 2020 14:35
 Operator : MA/SJ
 Sample : L2646-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-D

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	530	533	564	rBV	4028103	4605179	68.74%	8.728%
2	5.551	587	589	603	rBV	80888	148297	2.21%	0.281%
3	5.869	640	643	649	rBV	55013	111189	1.66%	0.211%
4	6.269	707	711	737	rBV	3729206	4682309	69.89%	8.874%
5	6.610	766	769	780	rBV	1235449	1532432	22.87%	2.904%
6	6.769	791	796	822	rVB	3278622	3743134	55.87%	7.094%
7	7.181	861	866	880	rBV	2719566	3066203	45.77%	5.811%
8	7.386	898	901	913	rVB	58641	67005	1.00%	0.127%
9	7.898	983	988	1010	rBV	1916520	2241000	33.45%	4.247%
10	8.975	1166	1171	1184	rBV	5917307	6265793	93.52%	11.875%
11	9.374	1231	1239	1249	rBV	801828	777878	11.61%	1.474%
12	9.645	1280	1285	1299	rBV	2554737	2735204	40.83%	5.184%
13	10.439	1415	1420	1434	rBV	3358817	3656213	54.57%	6.929%
14	11.133	1533	1538	1546	rBV	2573400	2787819	41.61%	5.284%
15	11.674	1627	1630	1652	rBV	611865	888795	13.27%	1.684%
16	12.463	1760	1764	1775	rBV2	189992	306892	4.58%	0.582%
17	12.721	1802	1808	1822	rBV	6329491	6699711	100.00%	12.697%
18	13.298	1900	1906	1909	rBV2	70468	83568	1.25%	0.158%
19	13.621	1957	1961	1979	rBV	653255	1005868	15.01%	1.906%
20	13.768	1982	1986	1994	rBV	2889667	2886703	43.09%	5.471%
21	13.945	2012	2016	2024	rVB	156188	154244	2.30%	0.292%
22	14.251	2063	2068	2076	rBV	205692	282429	4.22%	0.535%
23	14.545	2115	2118	2123	rVV	249622	244003	3.64%	0.462%
24	14.609	2125	2129	2133	rVV	376013	352143	5.26%	0.667%
25	14.845	2165	2169	2173	rBV	225161	240099	3.58%	0.455%
26	15.162	2217	2223	2226	rBV	1967697	2582861	38.55%	4.895%
27	15.574	2288	2293	2297	rBV	157641	209860	3.13%	0.398%
28	15.633	2298	2303	2317	rVB5	72818	193686	2.89%	0.367%
29	16.021	2364	2369	2379	rVB	80304	142775	2.13%	0.271%
30	16.545	2453	2458	2464	rBV4	36279	70825	1.06%	0.134%

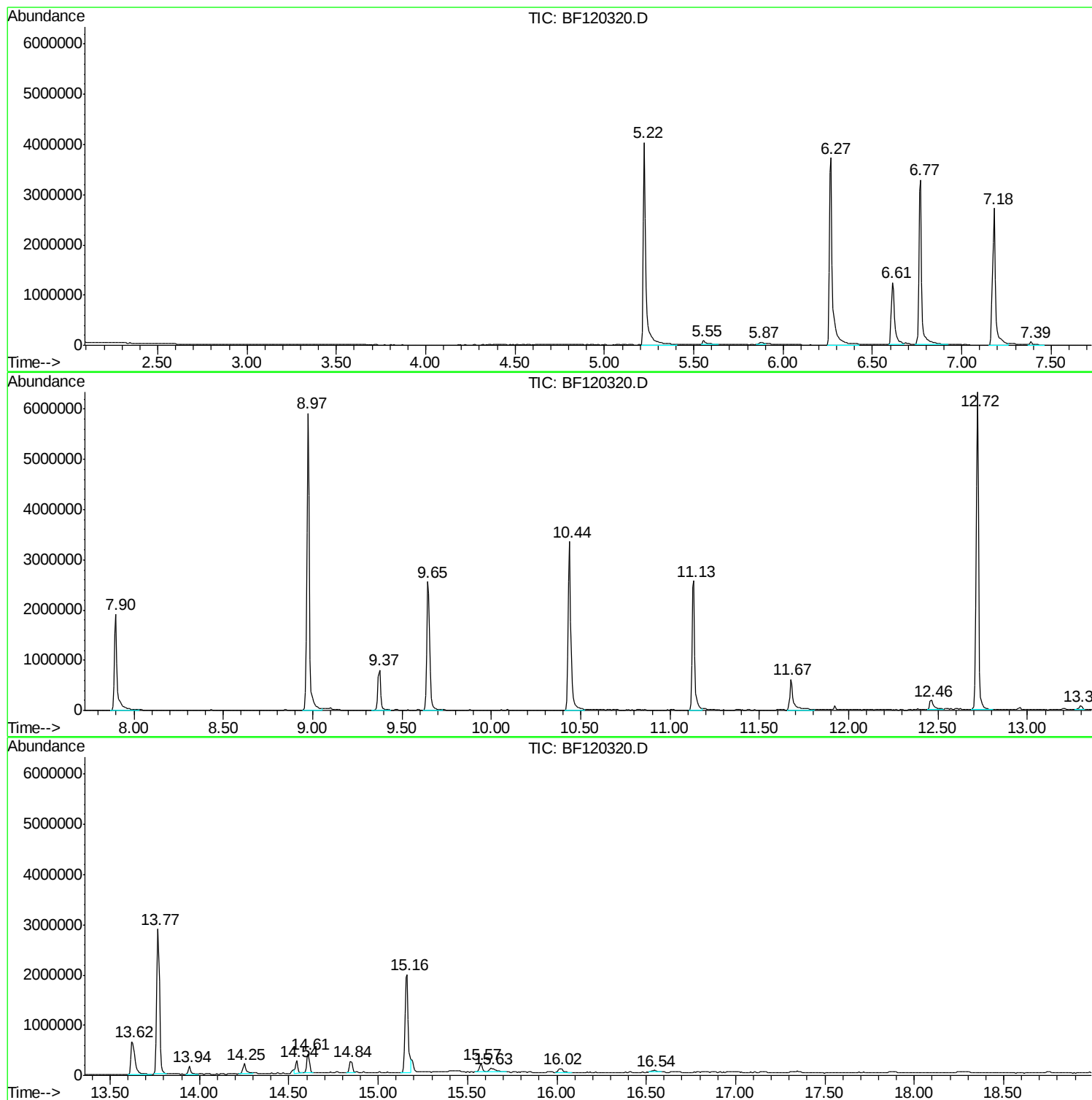
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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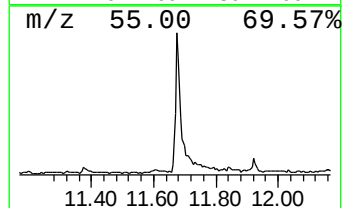
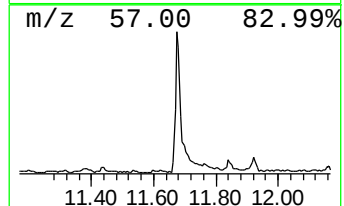
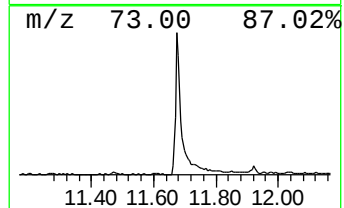
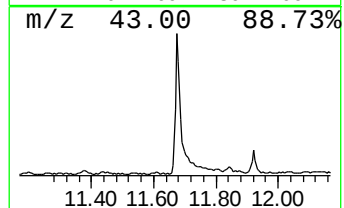
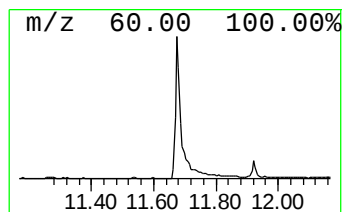
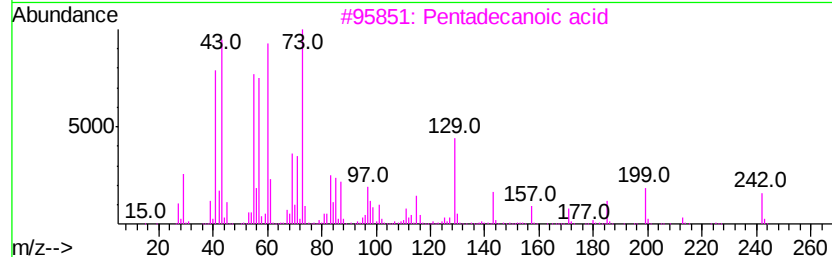
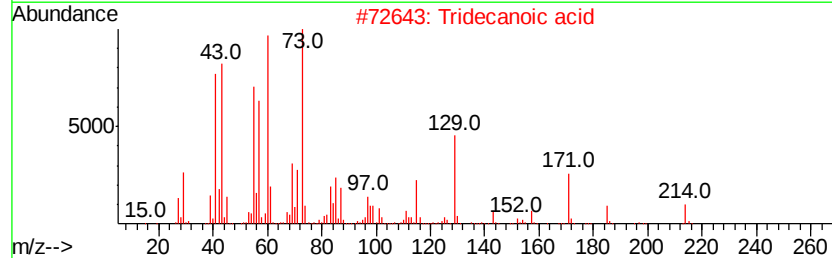
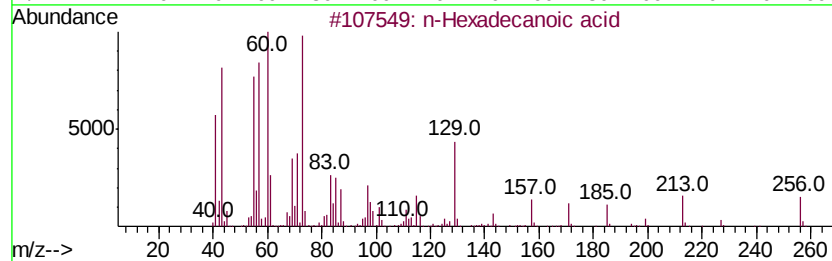
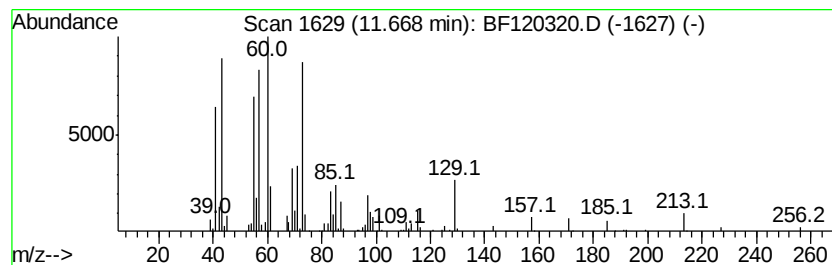
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	6.38 ng	888795	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	62



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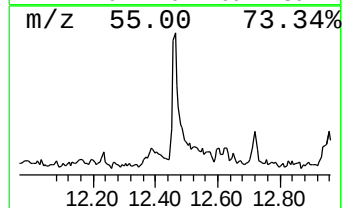
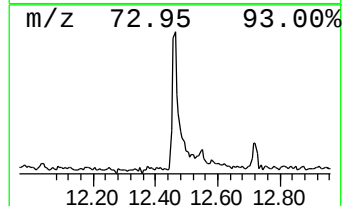
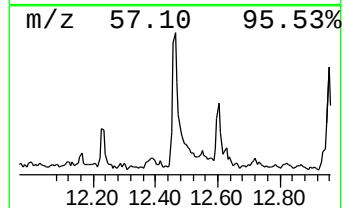
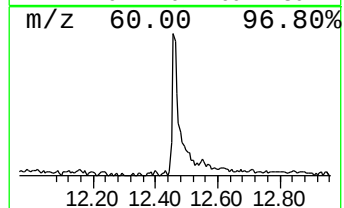
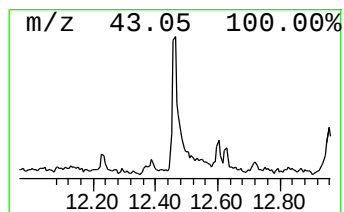
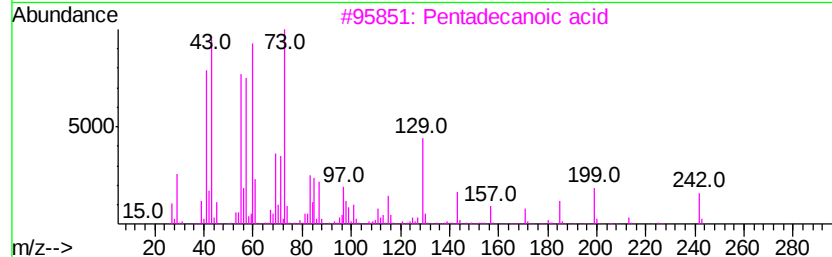
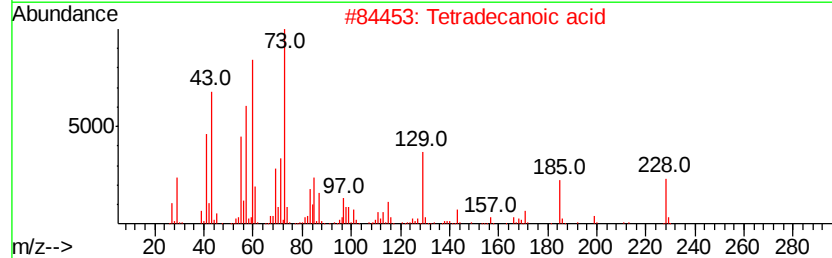
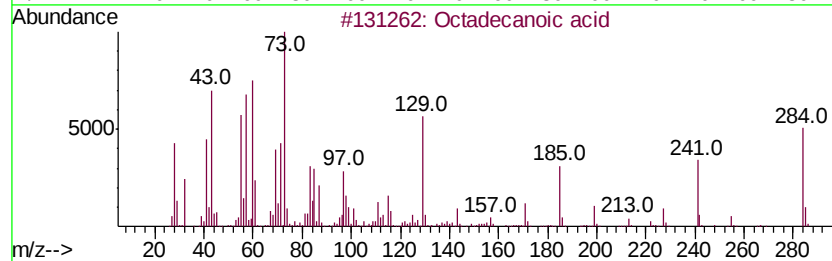
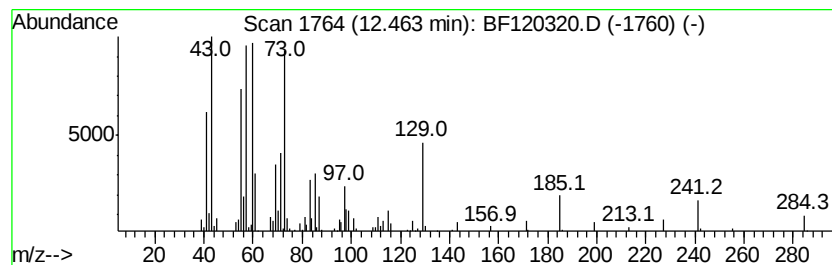
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.13 ng	306892	Chrysene-d12	13.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18



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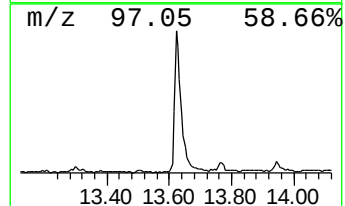
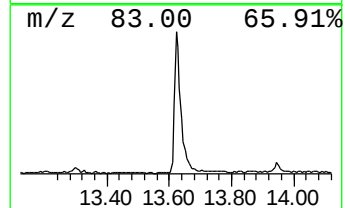
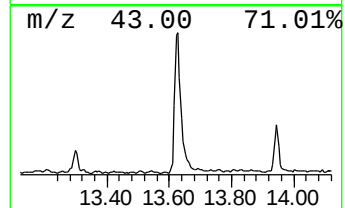
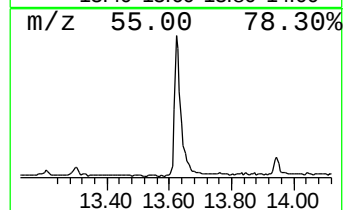
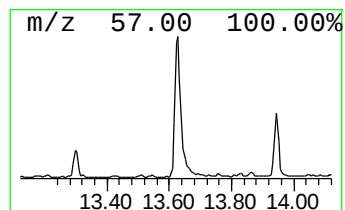
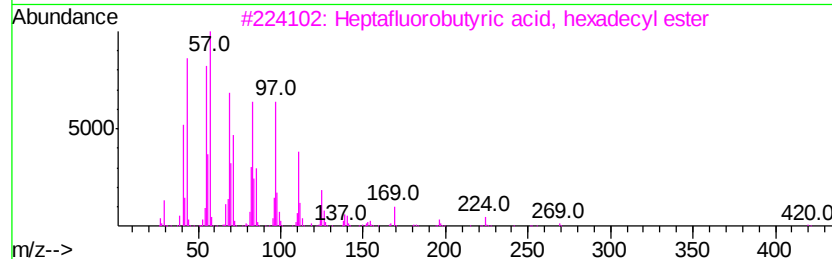
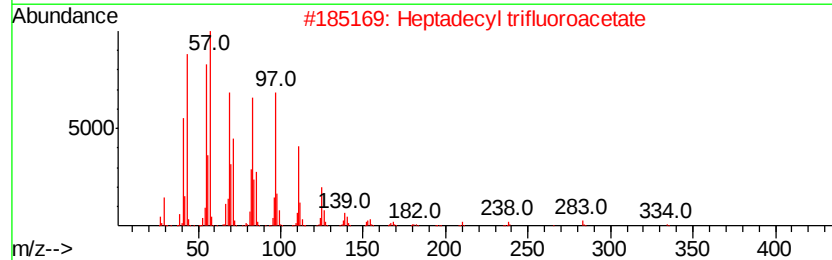
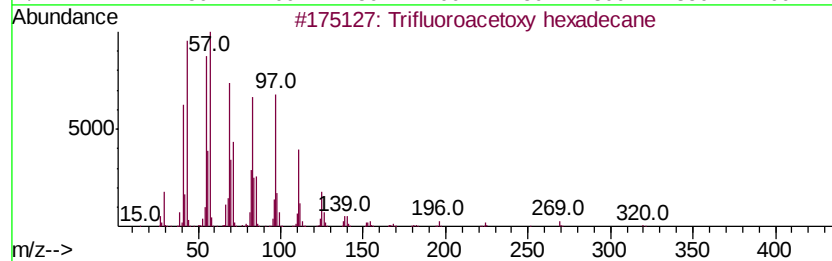
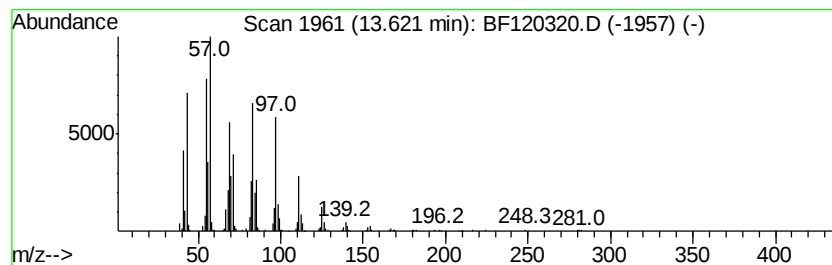
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Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	6.97 ng	1005870	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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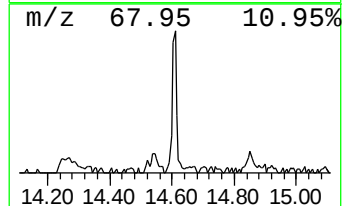
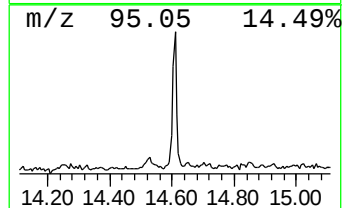
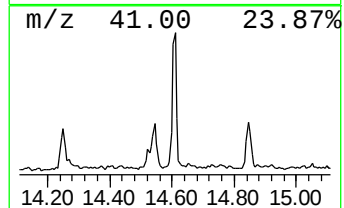
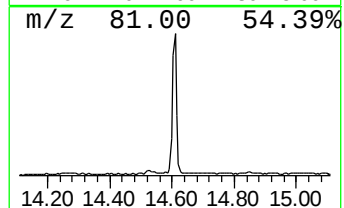
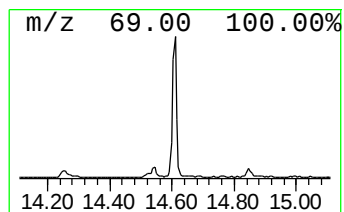
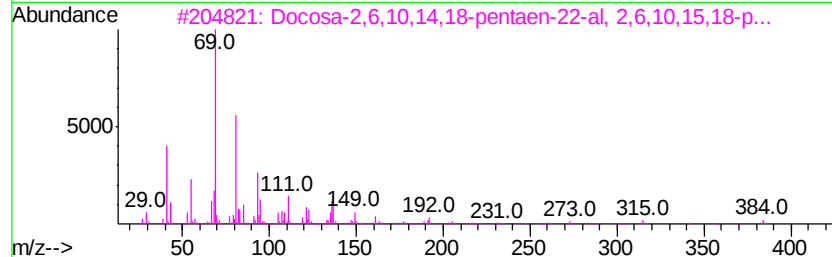
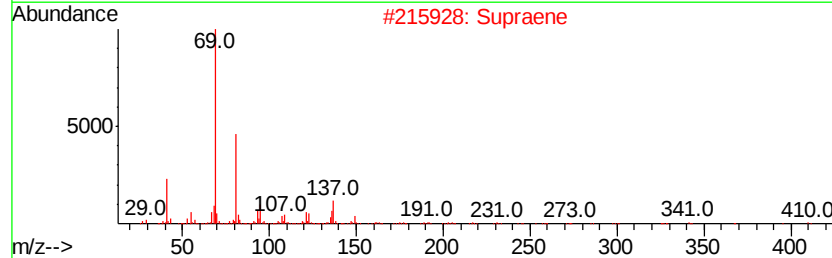
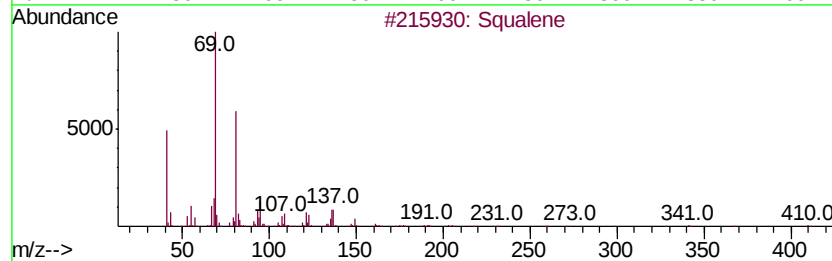
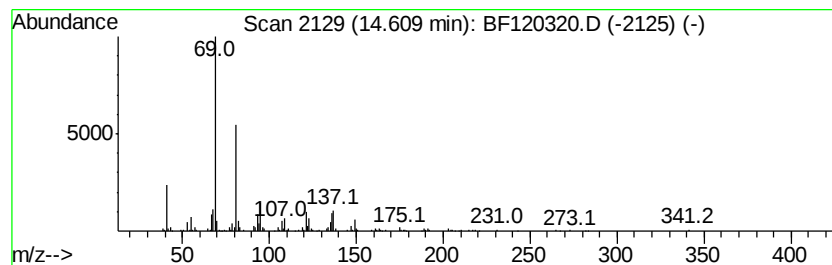
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Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.73 ng	352143	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4		Farnesol isomer a	222	C15H26O	1000108-92-4	59
5		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.67	6.4	ng	888795	4	11.13	2787820	20.0
Octadecanoic acid	12.46	2.1	ng	306892	5	13.77	2886700	20.0
Trifluoroacetoxy ...	13.62	7.0	ng	1005870	5	13.77	2886700	20.0
Squalene	14.61	2.7	ng	352143	6	15.16	2582860	20.0