

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043020\
 Data File : BF120239.D
 Acq On : 30 Apr 2020 14:52
 Operator : MA/SJ
 Sample : L2445-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-WEST

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-BF040820.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	5.251	535	538	551	rBV	1597699	1515142	61.09%	8.310%
2	6.298	712	716	729	rBV	1890904	1587833	64.02%	8.708%
3	6.645	772	775	779	rBV	754075	595936	24.03%	3.268%
4	6.804	798	802	805	rBV	1648192	1333710	53.77%	7.315%
5	7.210	868	871	875	rBV	1171333	1087182	43.83%	5.963%
6	7.934	990	994	997	rBV	1032908	772157	31.13%	4.235%
7	9.016	1174	1178	1181	rBV	2678598	2084640	84.05%	11.433%
8	9.410	1242	1245	1249	rBV	143839	119011	4.80%	0.653%
9	9.692	1289	1293	1296	rBV	999465	868994	35.04%	4.766%
10	10.480	1423	1427	1439	rBV	1576353	1325819	53.45%	7.271%
11	11.175	1541	1545	1549	rBV	1170004	931459	37.55%	5.108%
12	11.722	1634	1638	1647	rBV2	249899	266701	10.75%	1.463%
13	12.504	1768	1771	1781	rBV	160106	173283	6.99%	0.950%
14	12.769	1811	1816	1819	rBV	2684502	2480296	100.00%	13.603%
15	13.680	1966	1971	1983	rBV	192075	314952	12.70%	1.727%
16	13.816	1990	1994	1998	rBV	1085128	961664	38.77%	5.274%
17	13.998	2020	2025	2028	rBV	50817	53171	2.14%	0.292%
18	14.298	2070	2076	2089	rBV	84607	146581	5.91%	0.804%
19	14.598	2123	2127	2131	rVB	78266	72544	2.92%	0.398%
20	14.727	2144	2149	2155	rBV5	19108	27298	1.10%	0.150%
21	14.910	2176	2180	2184	rVB	82014	88211	3.56%	0.484%
22	15.221	2227	2233	2236	rBV	768421	898198	36.21%	4.926%
23	15.257	2236	2239	2244	rVB	58718	73741	2.97%	0.404%
24	15.439	2266	2270	2275	rVB	68926	87017	3.51%	0.477%
25	15.657	2302	2307	2311	rBV	56880	85918	3.46%	0.471%
26	15.721	2313	2318	2320	rBV5	19558	32087	1.29%	0.176%
27	16.115	2379	2385	2390	rBV3	27567	51409	2.07%	0.282%
28	18.015	2702	2708	2715	rBV9	11816	31100	1.25%	0.171%
29	18.956	2860	2868	2870	rBV6	86106	167578	6.76%	0.919%

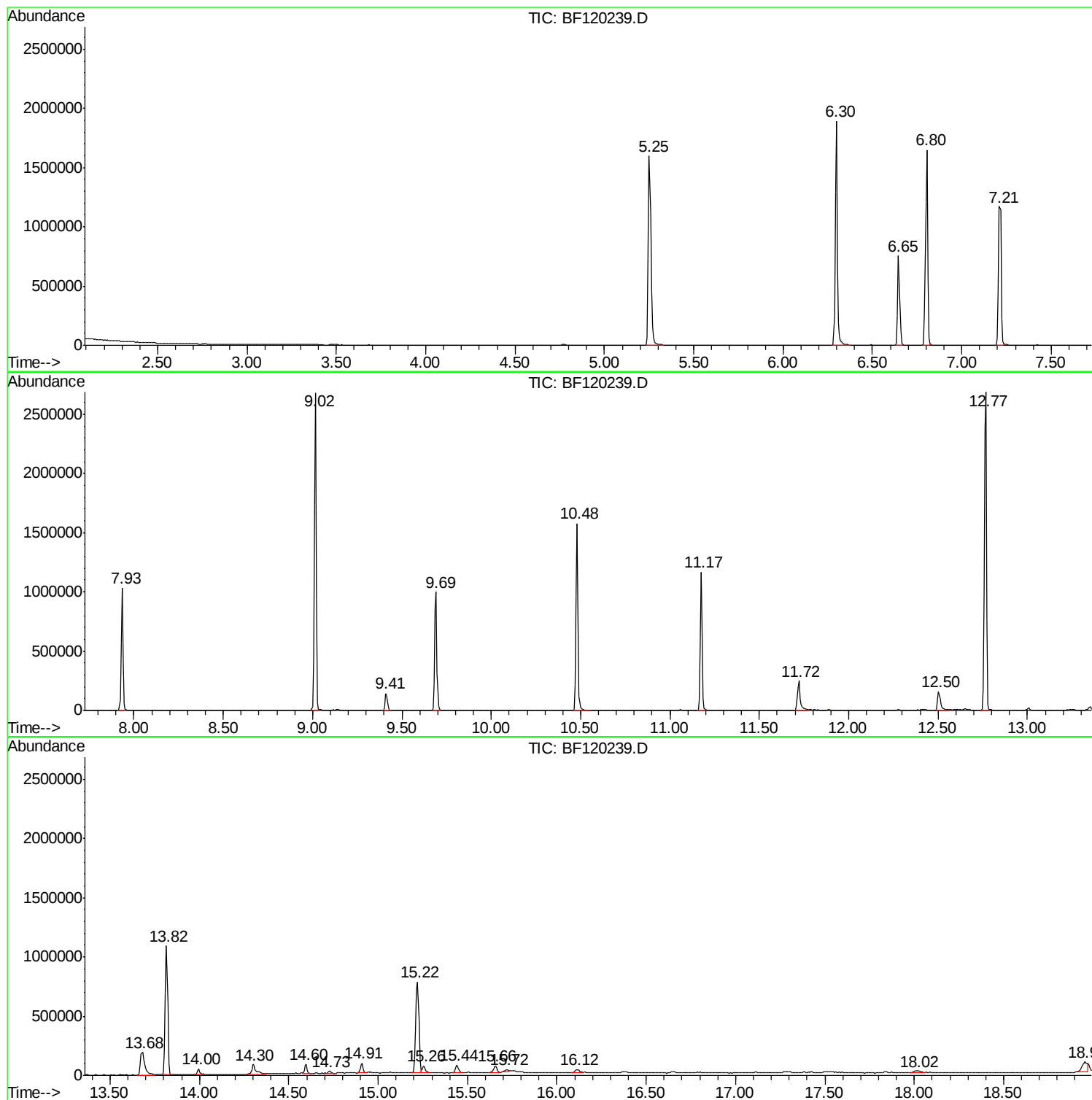
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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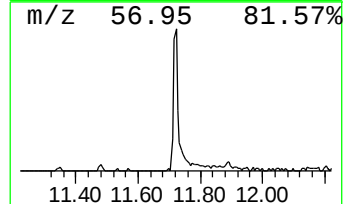
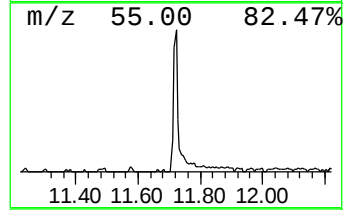
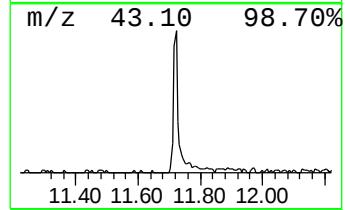
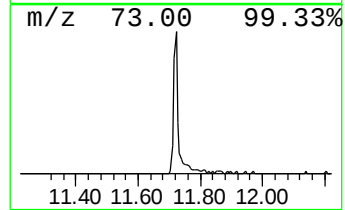
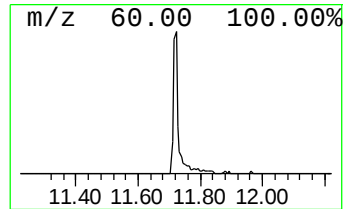
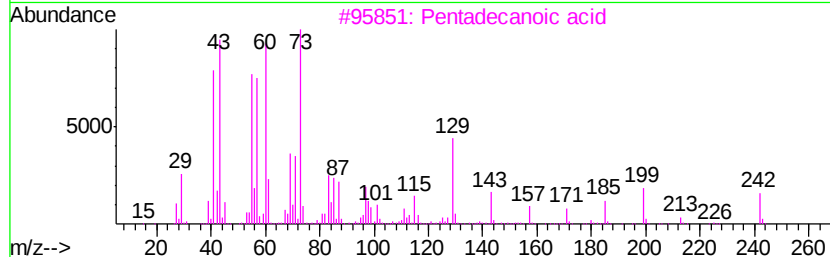
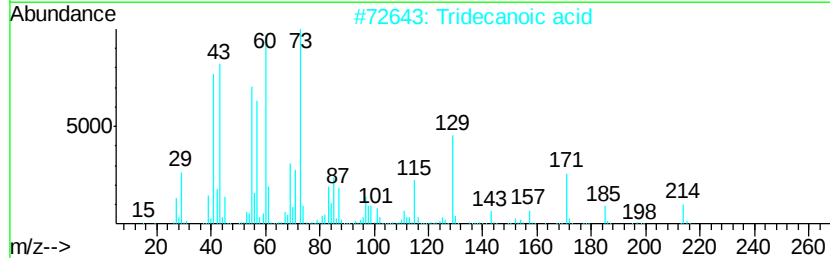
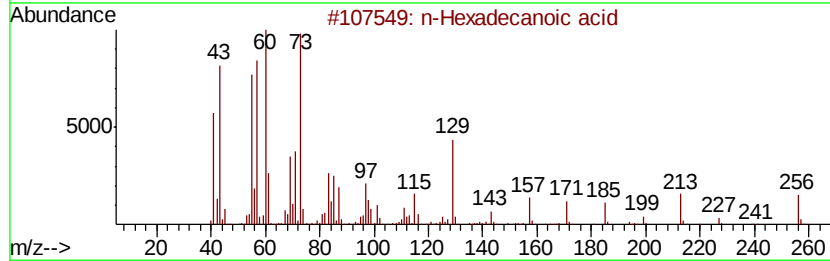
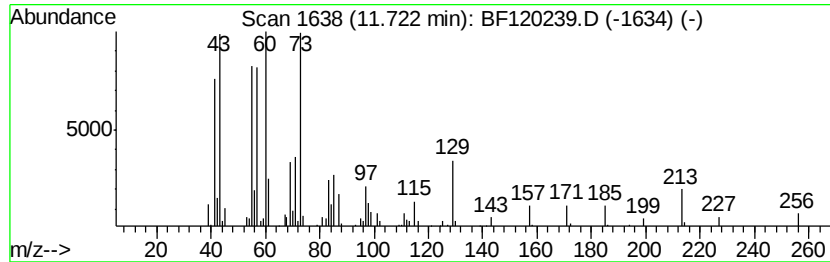
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.72	5.73 ng	266701	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	58



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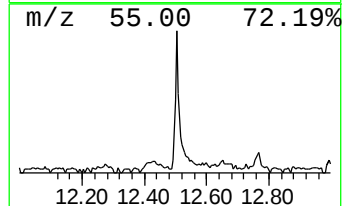
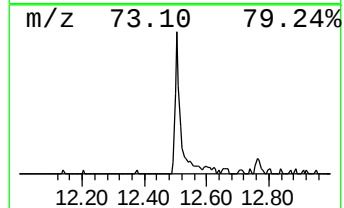
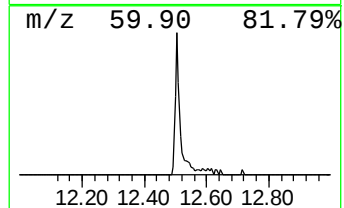
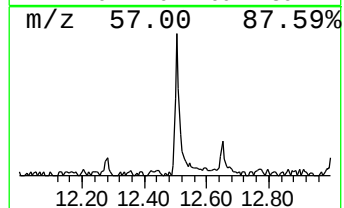
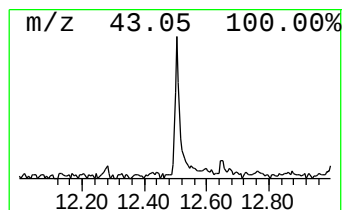
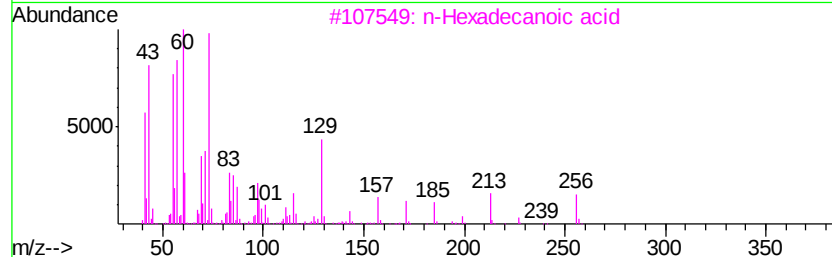
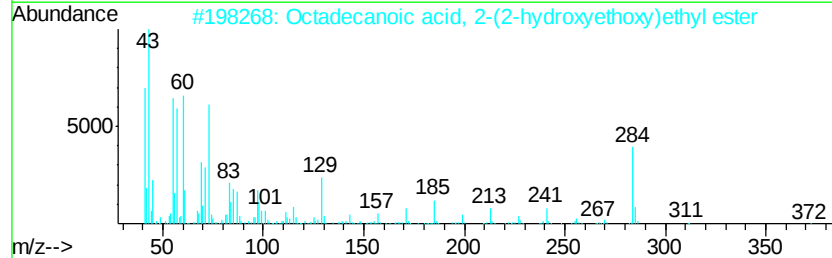
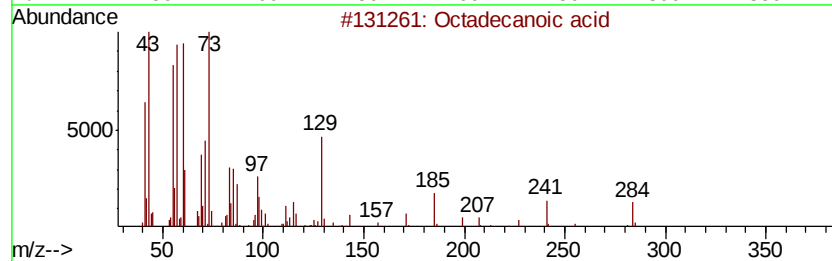
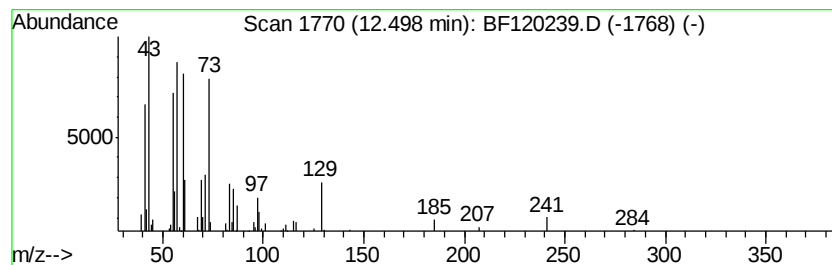
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.60 ng	173283	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Trehalose	342	C12H22O11	000099-20-7	50



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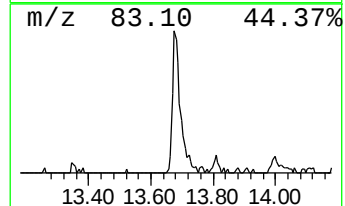
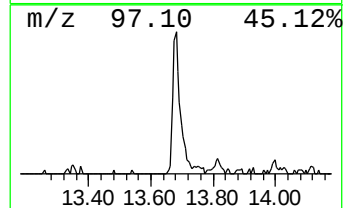
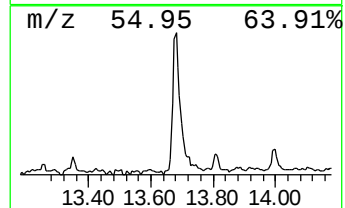
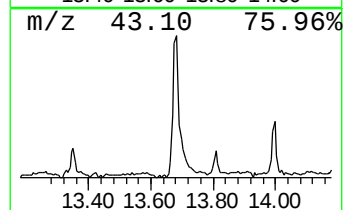
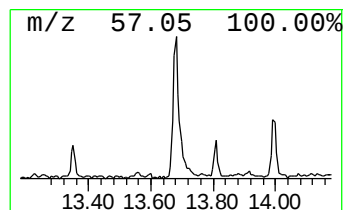
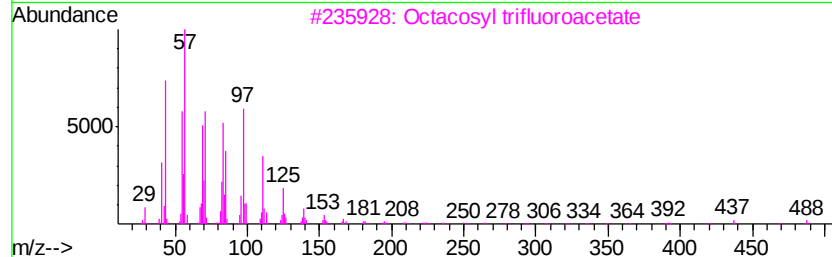
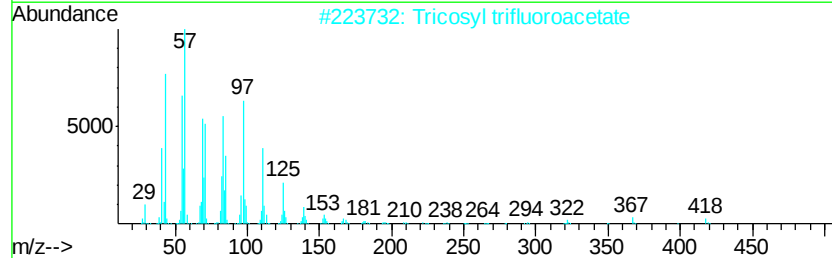
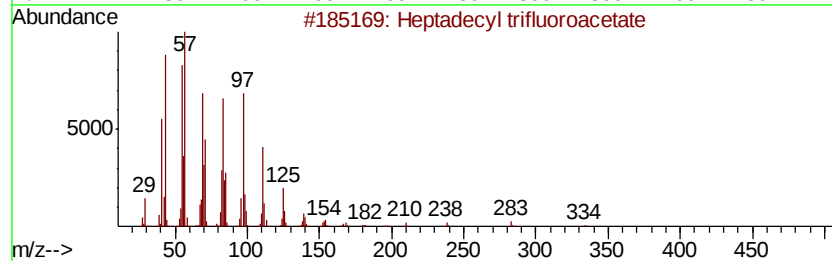
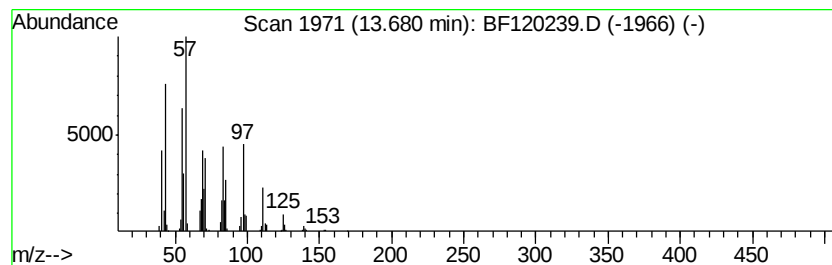
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BNA_F
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Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.68	6.55 ng	314952	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Heneicosyl heptafluorobutyrte	508	C25H43F7O2	1000351-83-8	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91



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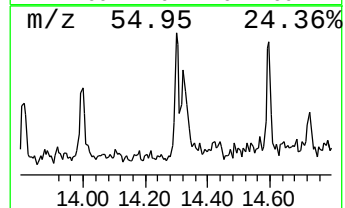
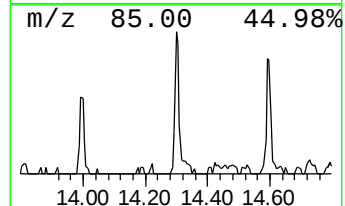
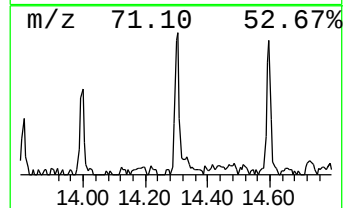
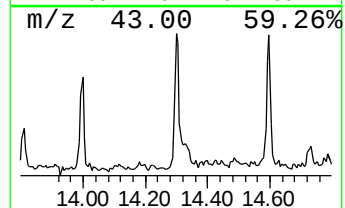
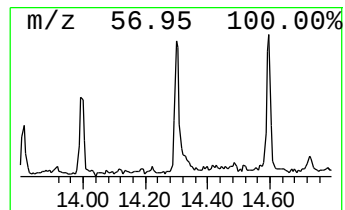
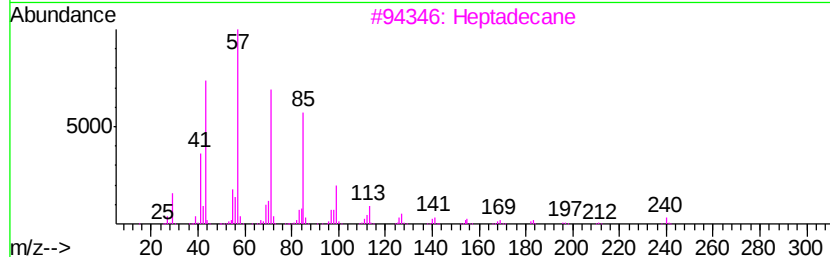
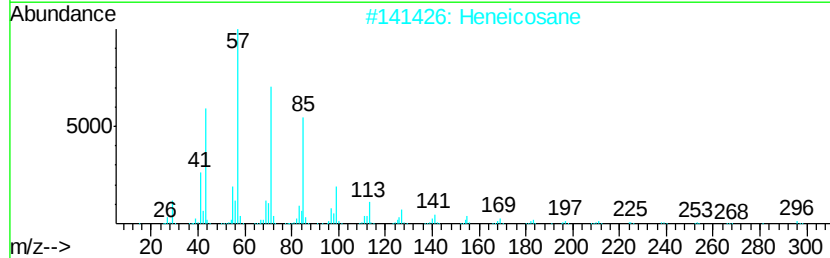
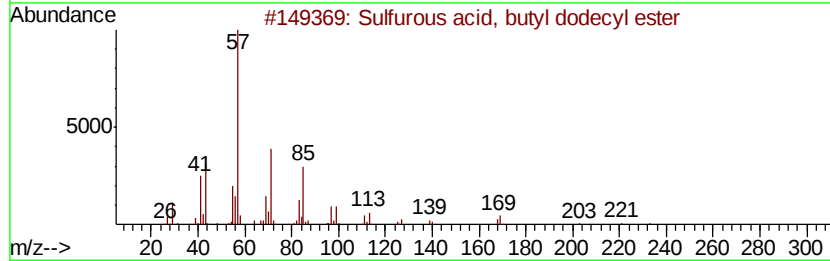
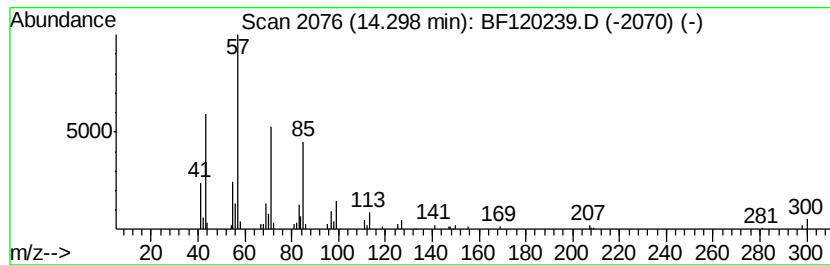
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Peak Number 5 Sulfurous acid, butyl dodec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.05 ng	146581	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
2		Heneicosane	296	C21H44	000629-94-7	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Pentadecane	212	C15H32	000629-62-9	83



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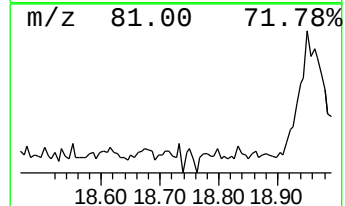
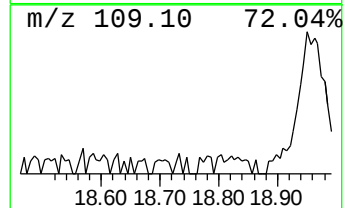
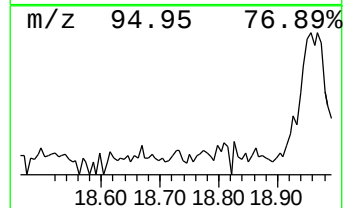
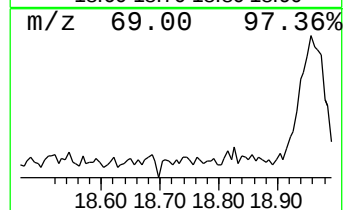
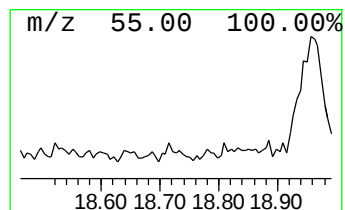
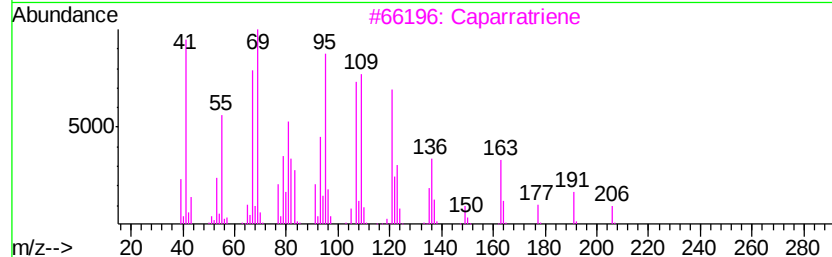
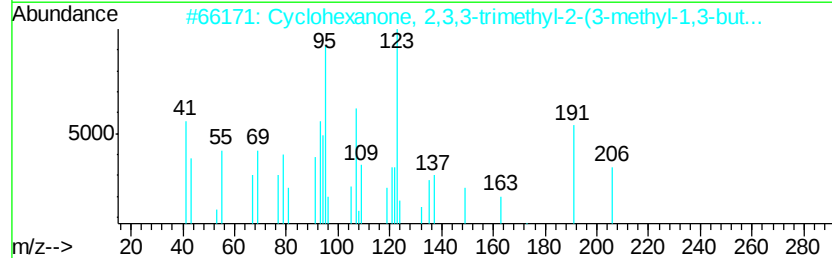
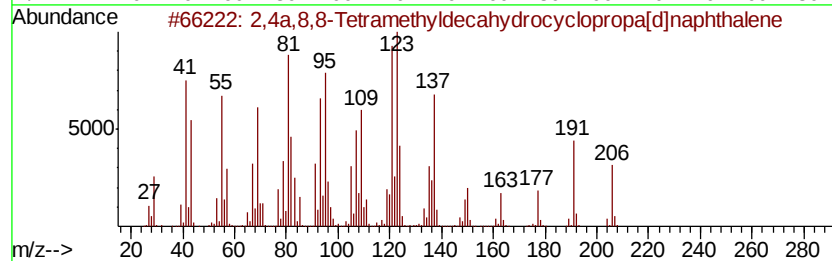
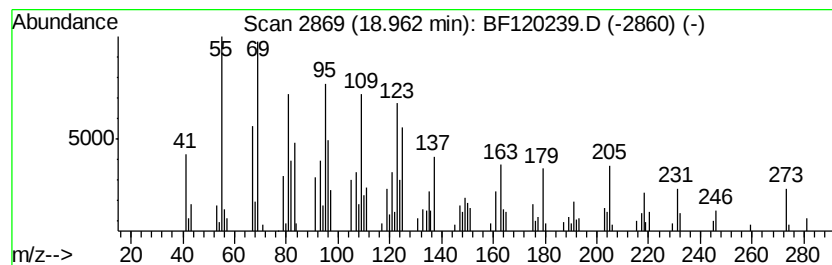
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Peak Number 6 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.96	3.73 ng	167578	Perylene-d12	15.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocvc...	206	C15H26	074022-04-1	64
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	43
3	Caparratriene	206	C15H26	1000374-08-7	42
4	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	42
5	Longipinane, (E)-	206	C15H26	1000156-14-5	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.72	5.7	ng	266701	4	11.17	931459	20.0
Octadecanoic acid	12.50	3.6	ng	173283	5	13.82	961664	20.0
Heptadecyl triflu...	13.68	6.5	ng	314952	5	13.82	961664	20.0
Sulfurous acid, b...	14.30	3.0	ng	146581	5	13.82	961664	20.0
2,4a,8,8-Tetramet...	18.96	3.7	ng	167578	6	15.22	898198	20.0