

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041320\
 Data File : BF119923.D
 Acq On : 13 Apr 2020 19:02
 Operator : MA/SJ
 Sample : L2215-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	4.928	478	483	491	rVB	473768	609478	10.70%	1.435%
2	5.346	549	554	557	rBV	4185714	3991465	70.06%	9.399%
3	6.369	723	728	731	rBV	3953202	4108662	72.12%	9.675%
4	6.734	787	790	794	rVB	1513021	1222568	21.46%	2.879%
5	6.892	813	817	820	rBV	3933564	3347877	58.77%	7.884%
6	7.298	881	886	889	rBV	2693091	2844366	49.93%	6.698%
7	8.022	1004	1009	1012	rBV	1876448	1629985	28.61%	3.838%
8	9.098	1187	1192	1195	rBV	5245842	5251195	92.18%	12.366%
9	9.492	1255	1259	1262	rBV	649428	502876	8.83%	1.184%
10	9.775	1302	1307	1311	rVB	2205810	1881127	33.02%	4.430%
11	10.569	1436	1442	1445	rBV	3353126	3328310	58.42%	7.838%
12	11.263	1556	1560	1563	rBV	2494107	2002956	35.16%	4.717%
13	11.798	1647	1651	1655	rBV	268387	265454	4.66%	0.625%
14	12.580	1781	1784	1788	rBV	104292	102877	1.81%	0.242%
15	12.857	1825	1831	1834	rBV	5845356	5696973	100.00%	13.416%
16	13.757	1980	1984	2001	rBV	598584	1130406	19.84%	2.662%
17	13.904	2004	2009	2012	rBV	1923901	1861833	32.68%	4.384%
18	14.380	2087	2090	2093	rBV	60296	62039	1.09%	0.146%
19	14.416	2093	2096	2103	rVB7	32836	66803	1.17%	0.157%
20	14.680	2138	2141	2144	rBV	77767	71249	1.25%	0.168%
21	15.004	2192	2196	2201	rBV	102110	112981	1.98%	0.266%
22	15.327	2245	2251	2255	rBV	1531717	1771343	31.09%	4.171%
23	15.368	2255	2258	2264	rVB	84313	97277	1.71%	0.229%
24	15.780	2324	2328	2334	rVB	71730	104958	1.84%	0.247%
25	15.862	2334	2342	2362	rBV6	75585	339326	5.96%	0.799%
26	16.262	2405	2410	2414	rBV3	39764	60693	1.07%	0.143%

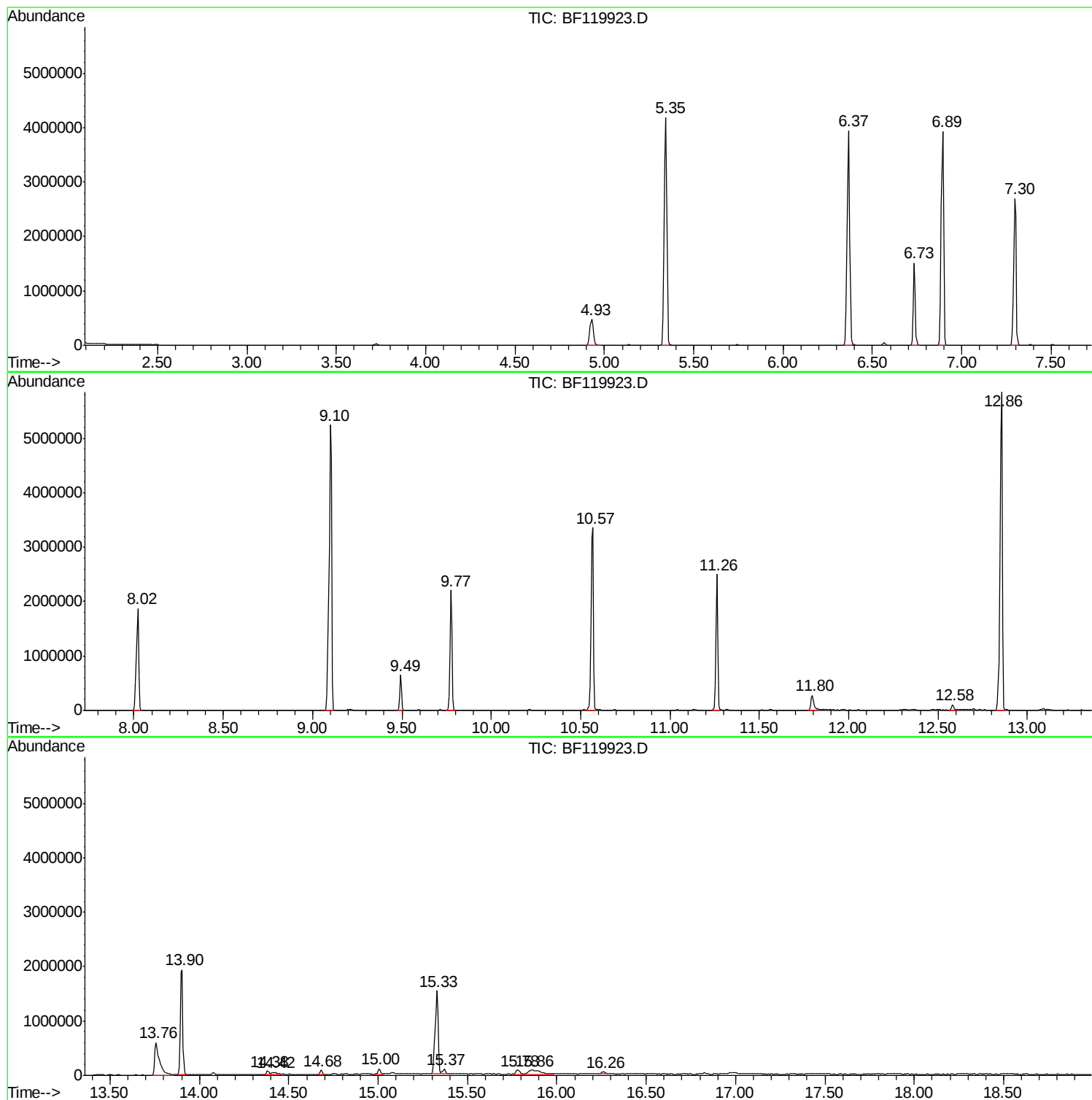
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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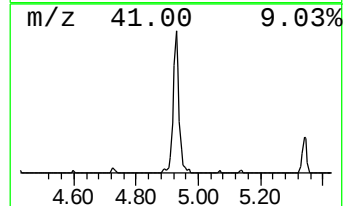
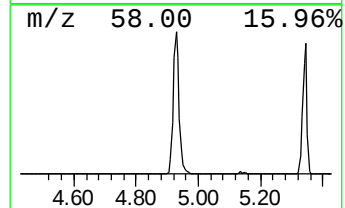
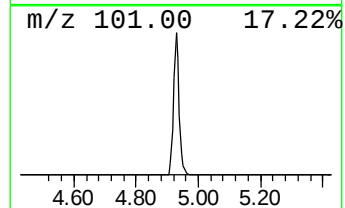
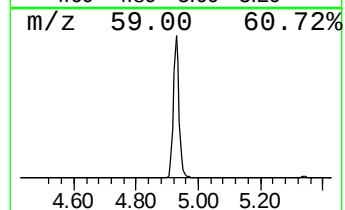
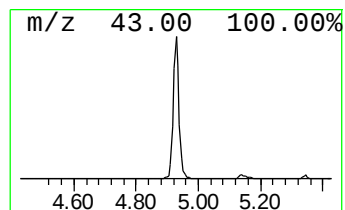
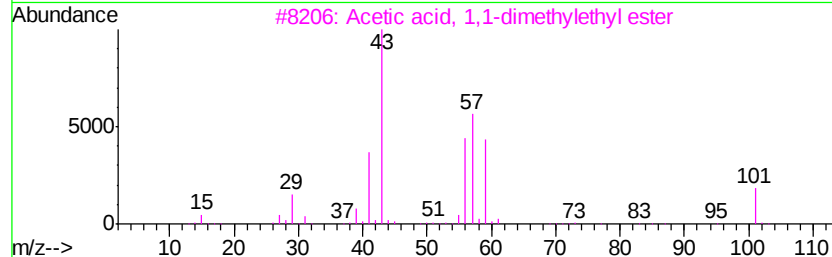
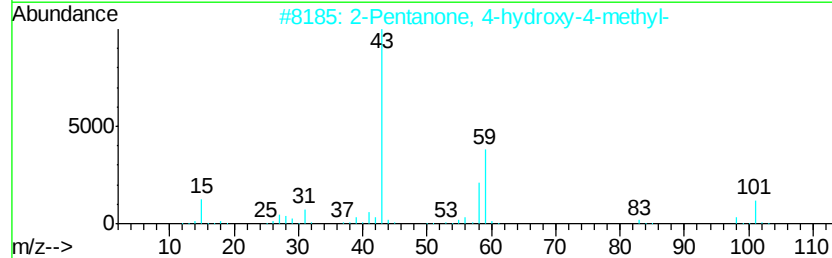
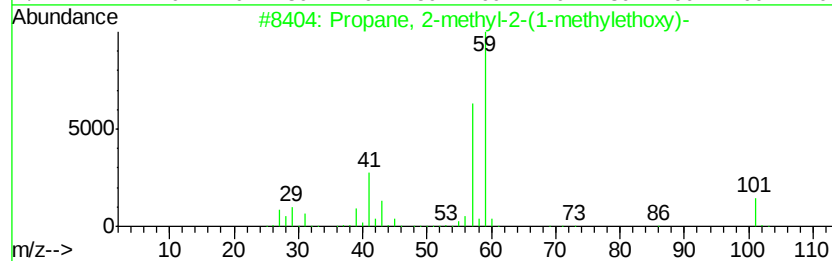
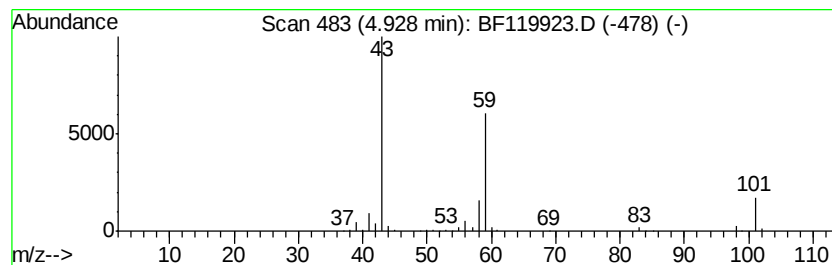
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.93 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	9.97 ng	609478	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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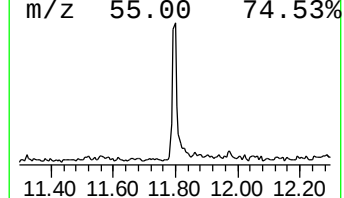
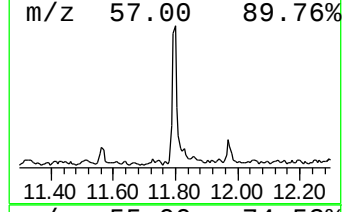
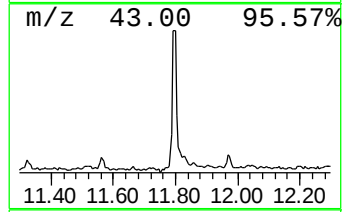
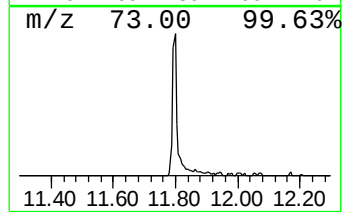
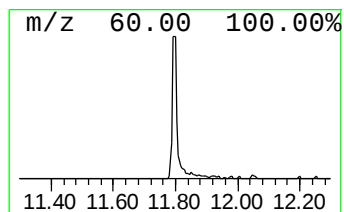
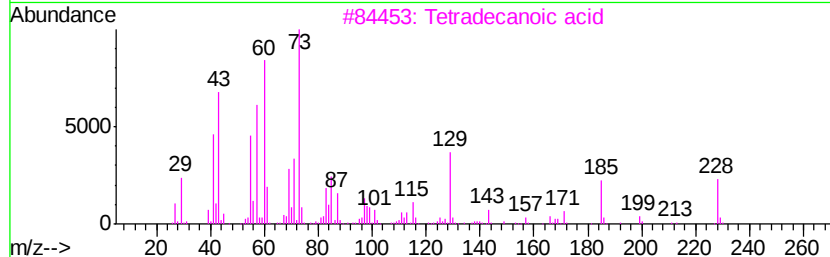
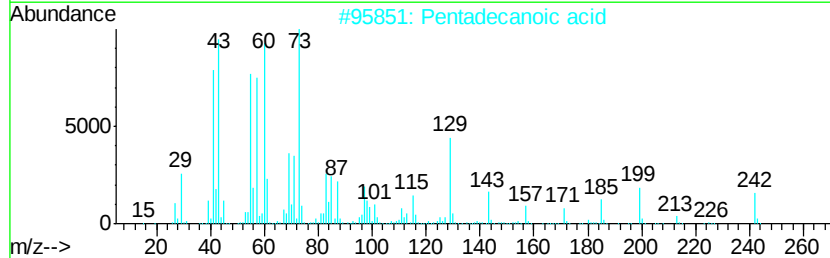
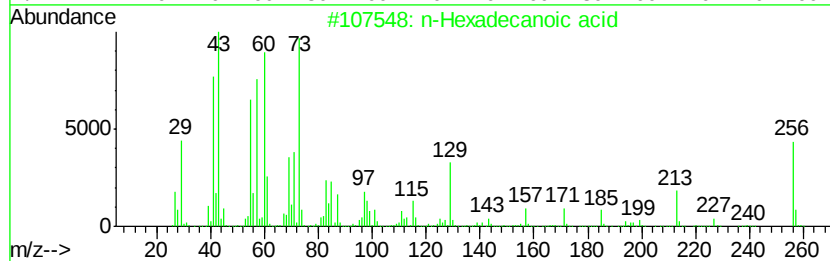
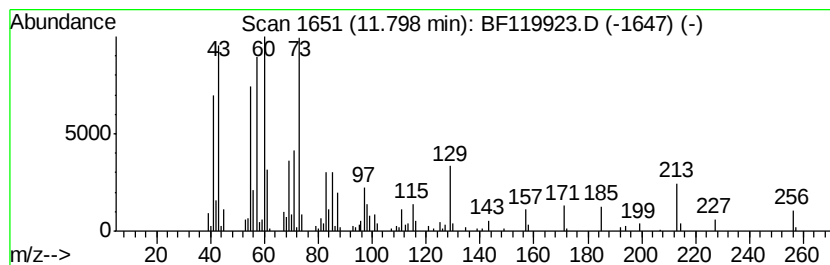
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	2.65 ng	265454	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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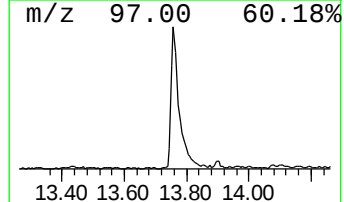
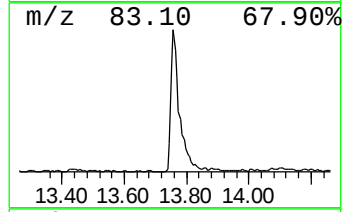
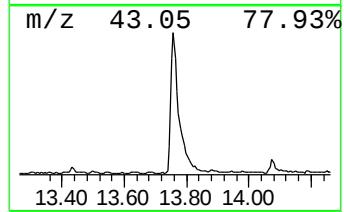
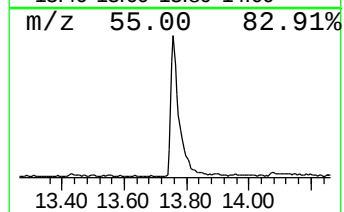
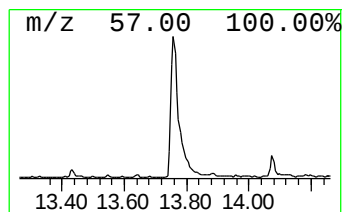
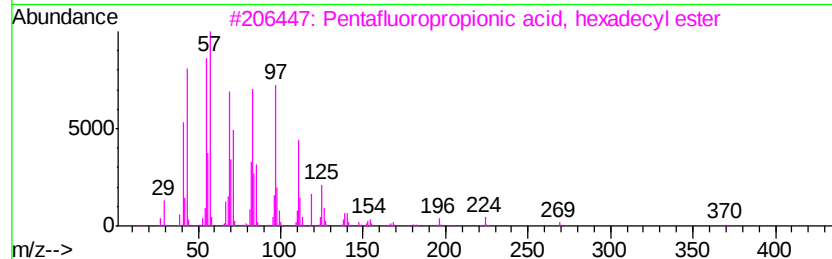
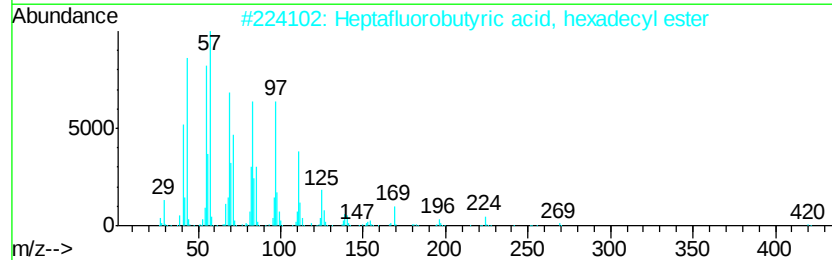
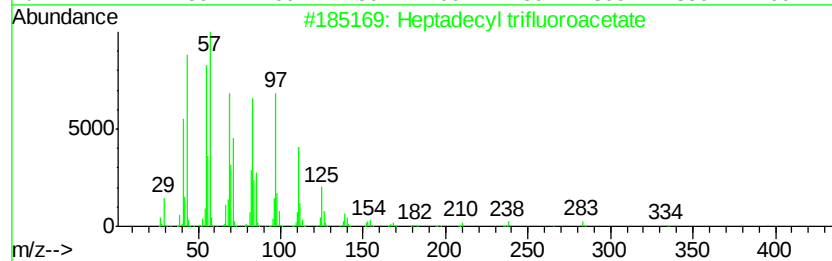
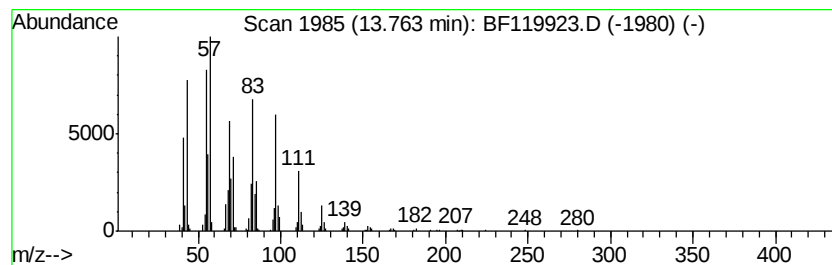
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Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	12.14 ng	1130410	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	94
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	94
4		Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	94
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94



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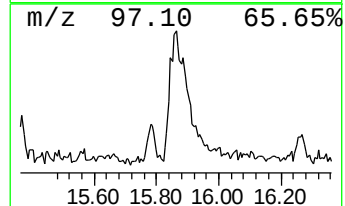
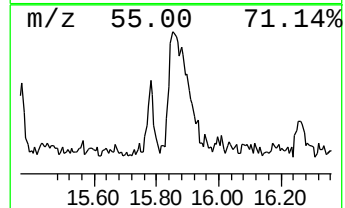
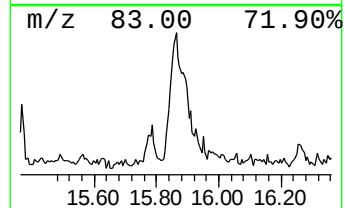
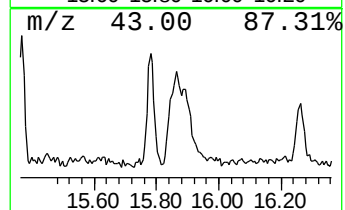
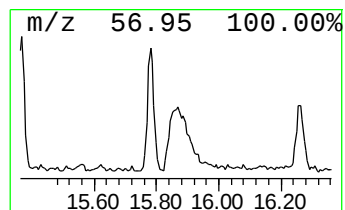
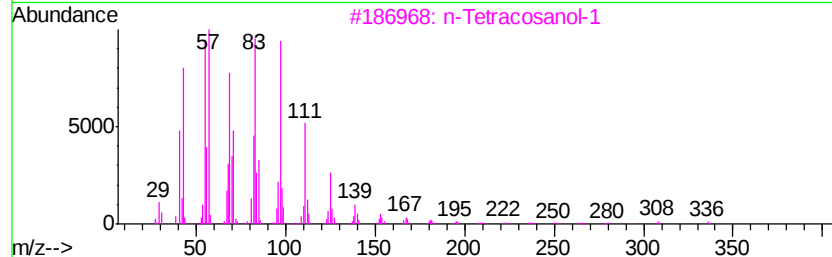
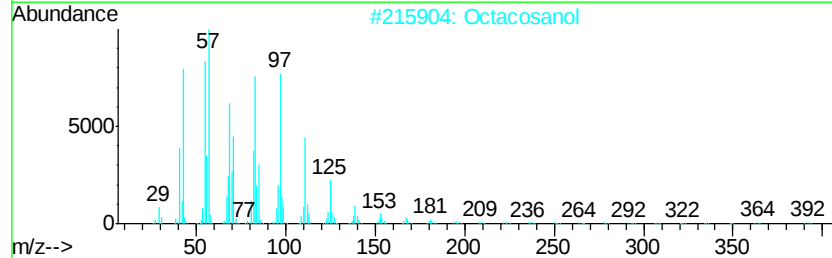
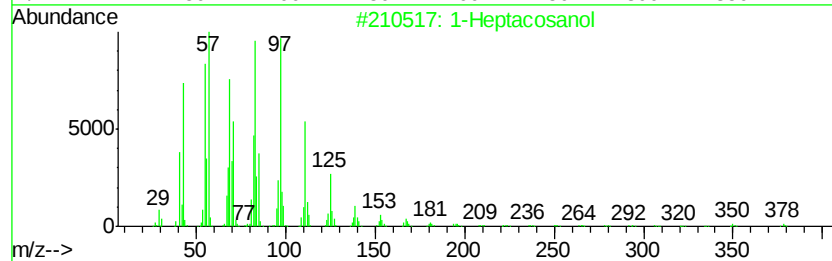
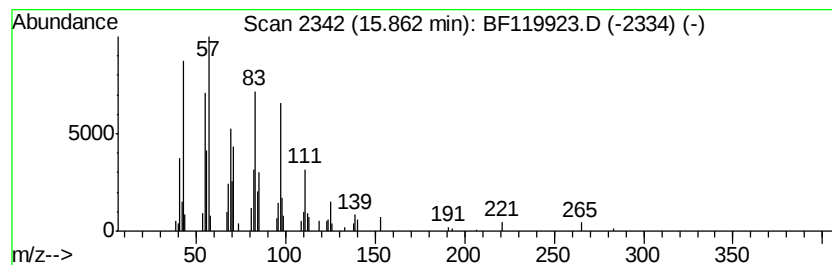
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Peak Number 5 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.83 ng	339326	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	93
2		Octacosanol	410	C28H58O	000557-61-9	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5		1-Dodecanol, 2-octyl-, acetate	340	C22H44O2	074051-84-6	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown4.93	4.93	10.0	ng	609478	1	6.73	1222570	20.0
n-Hexadecanoic acid	11.80	2.6	ng	265454	4	11.26	2002960	20.0
Heptadecyl triflu...	13.76	12.1	ng	1130410	5	13.90	1861830	20.0
1-Heptacosanol	15.86	3.8	ng	339326	6	15.33	1771340	20.0