

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141771.D
 Acq On : 25 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1420-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	558	563	589	rBV	722879	1136172	84.28%	12.295%
2	6.422	731	736	765	rBV	714238	1127739	83.65%	12.204%
3	6.781	792	797	808	rBV	229664	296944	22.03%	3.213%
4	7.345	887	893	921	rBV	468929	735058	54.52%	7.955%
5	8.063	1010	1015	1032	rBV	224288	355770	26.39%	3.850%
6	9.134	1192	1197	1209	rBV	898781	1209957	89.75%	13.094%
7	9.816	1307	1313	1327	rBV	246747	364550	27.04%	3.945%
8	10.528	1429	1434	1442	rBV	104193	147844	10.97%	1.600%
9	10.604	1442	1447	1462	rVV	438237	653058	48.44%	7.067%
10	11.298	1560	1565	1579	rBV	247050	368843	27.36%	3.992%
11	11.827	1648	1655	1667	rBV2	109339	223779	16.60%	2.422%
12	12.516	1768	1772	1775	rBV	22791	32606	2.42%	0.353%
13	12.616	1785	1789	1796	rBV2	34828	70447	5.23%	0.762%
14	12.739	1806	1810	1814	rBV	26408	38796	2.88%	0.420%
15	12.880	1829	1834	1842	rBV	1054318	1348170	100.00%	14.590%
16	13.445	1927	1930	1934	rBV2	11988	20032	1.49%	0.217%
17	13.786	1984	1988	1996	rBV4	29776	78993	5.86%	0.855%
18	13.939	2008	2014	2025	rVB	310158	470006	34.86%	5.086%
19	14.686	2137	2141	2148	rBV2	59679	107987	8.01%	1.169%
20	15.380	2254	2259	2276	rVB	260213	453923	33.67%	4.912%

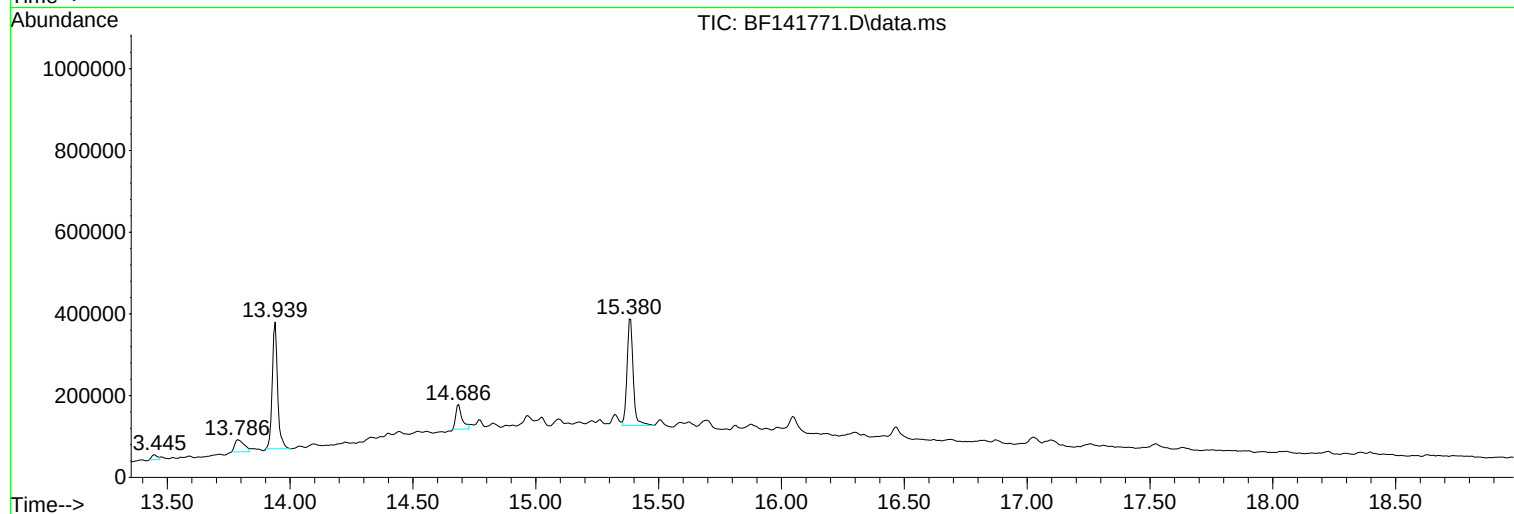
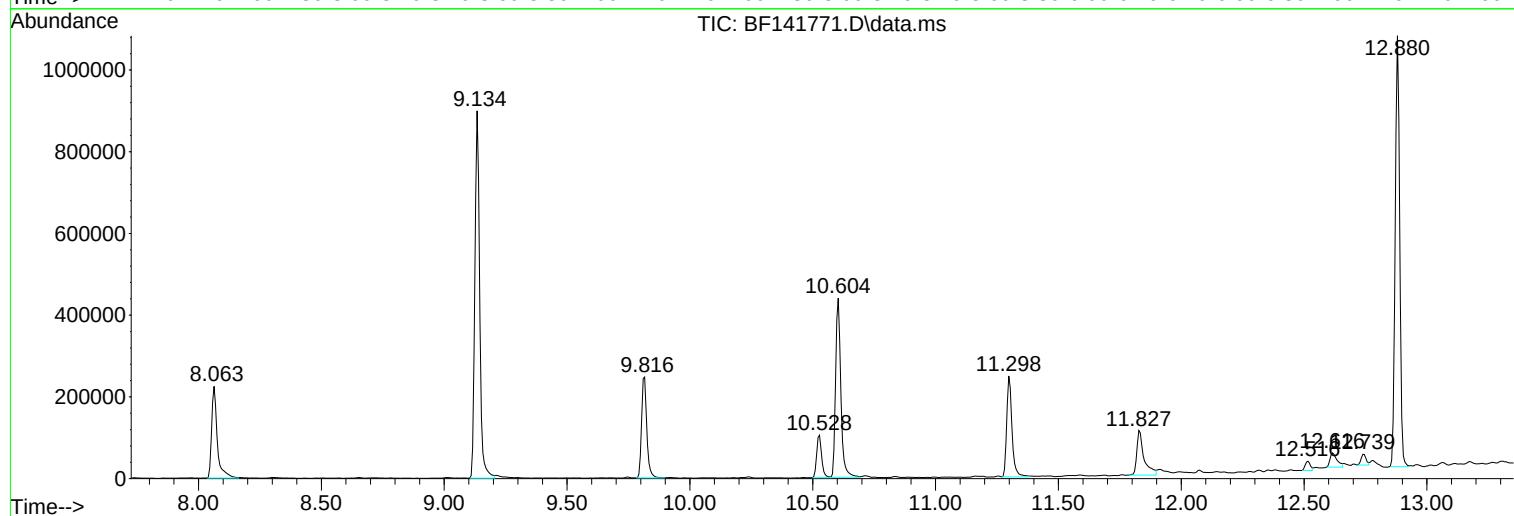
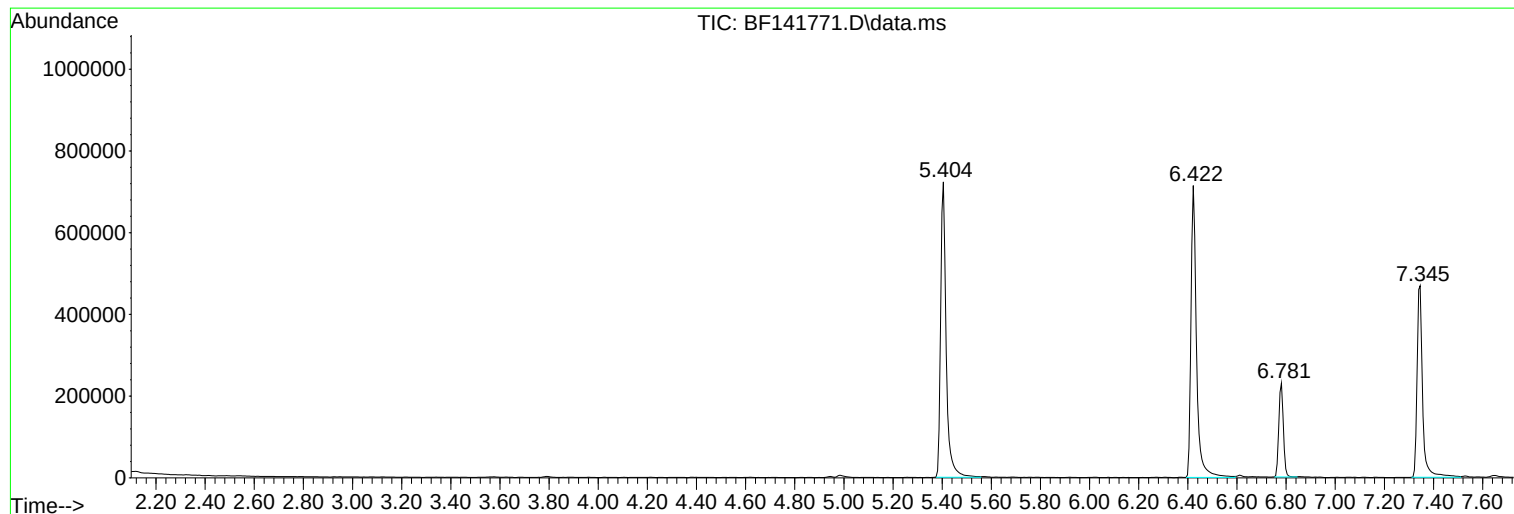
Sum of corrected areas: 9240674

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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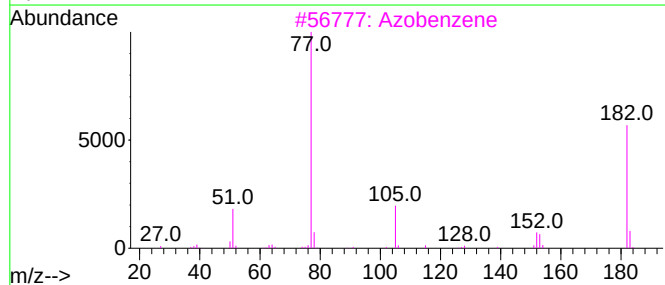
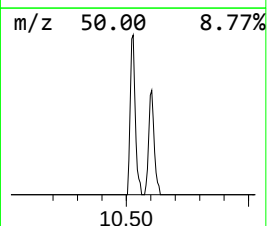
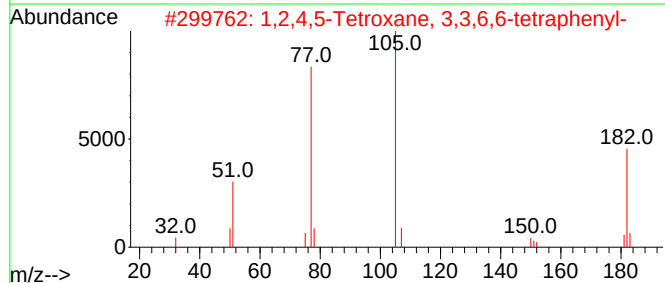
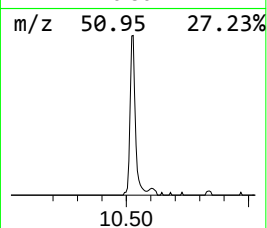
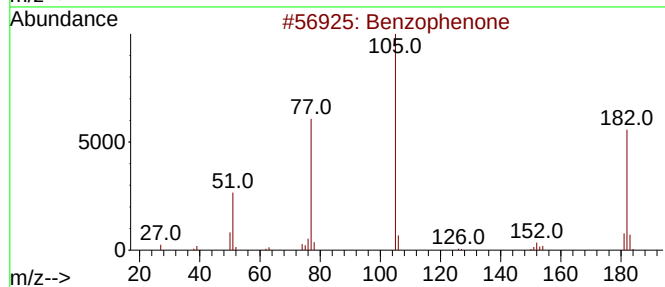
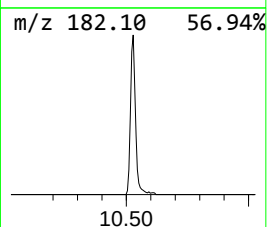
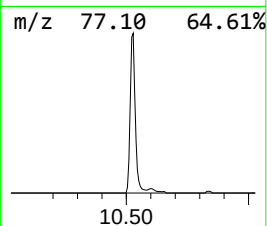
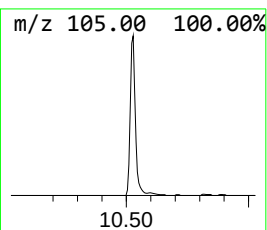
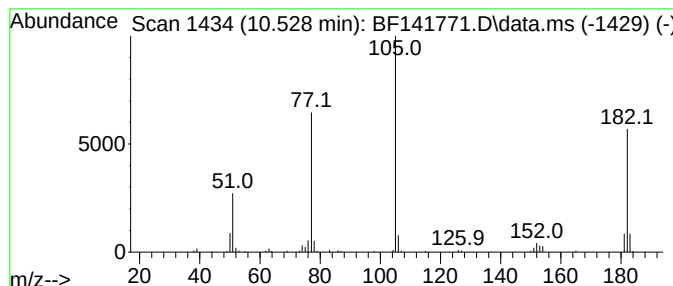
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	8.11 ng	147844	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			Azobenzene	182	C12H10N2	000103-33-3	64
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49



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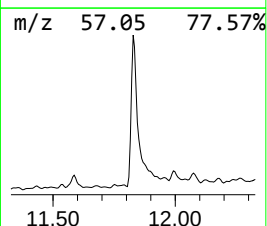
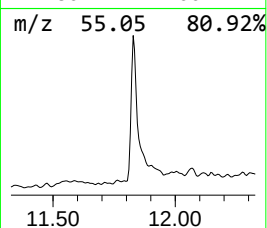
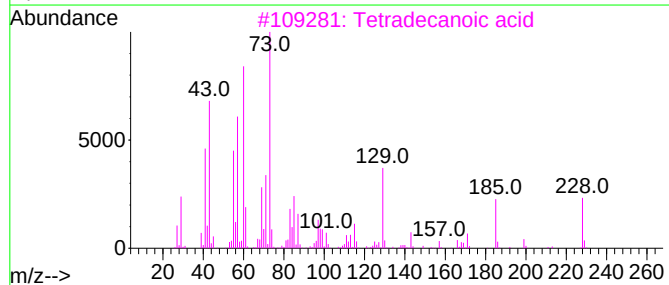
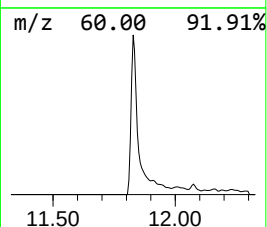
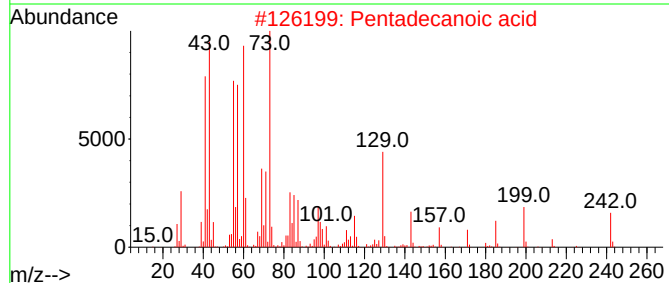
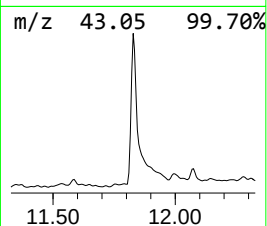
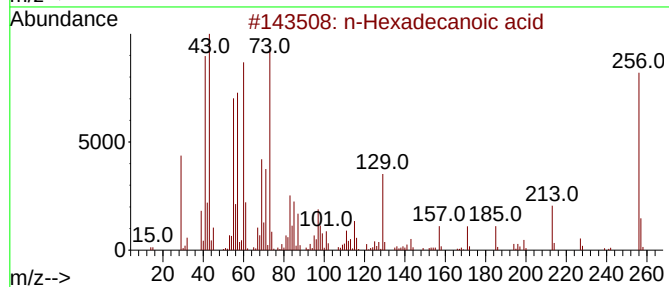
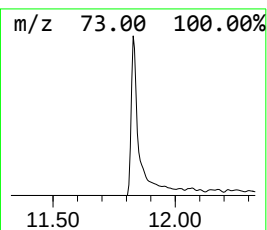
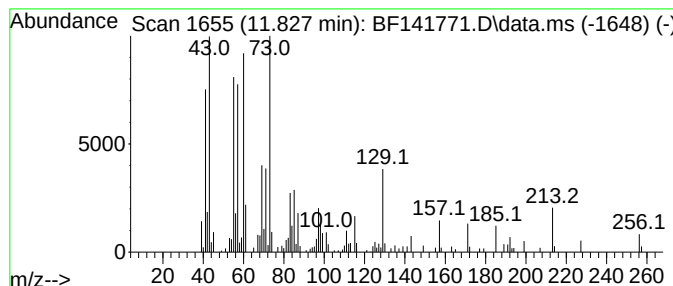
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	12.13 ng	223779	Phenanthrene-d10	11.298

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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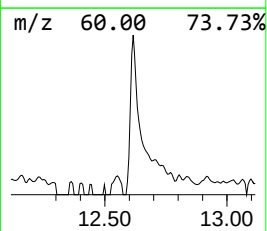
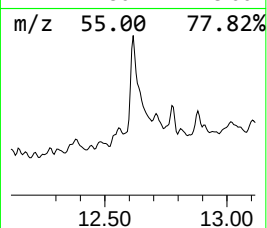
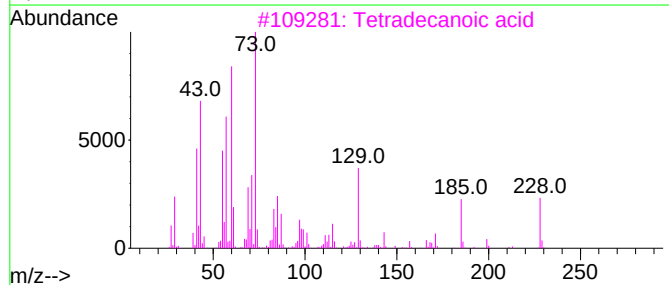
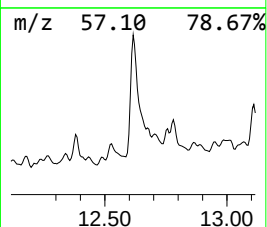
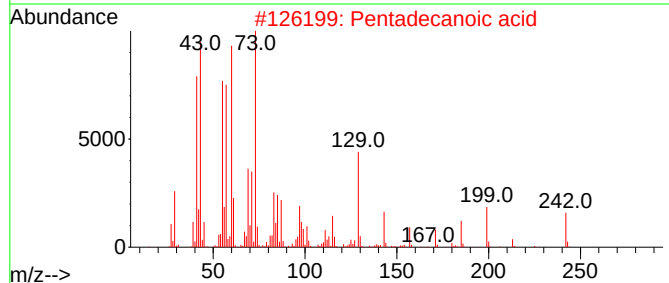
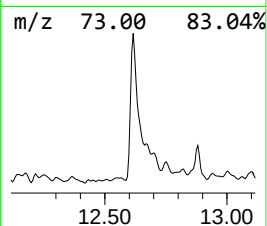
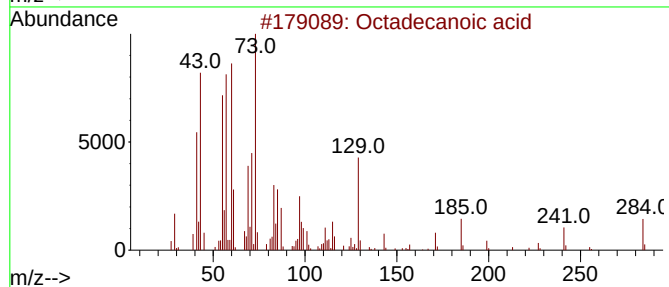
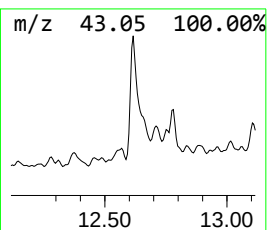
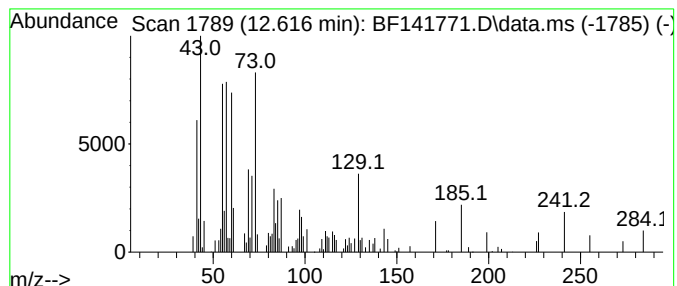
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	3.82 ng	70447	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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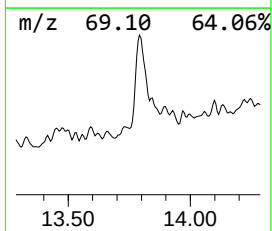
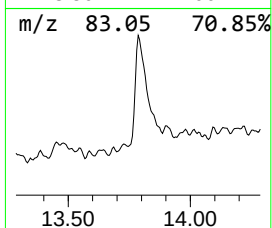
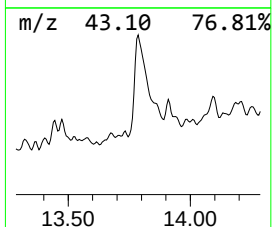
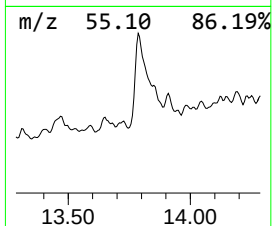
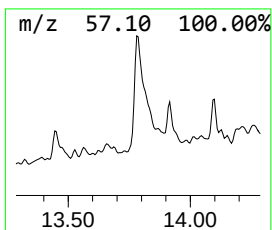
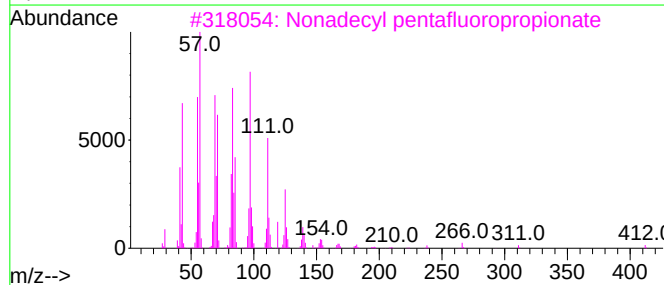
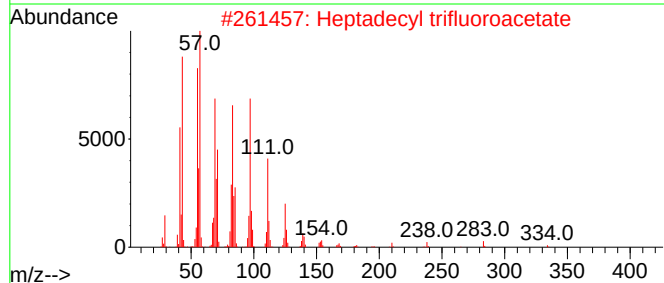
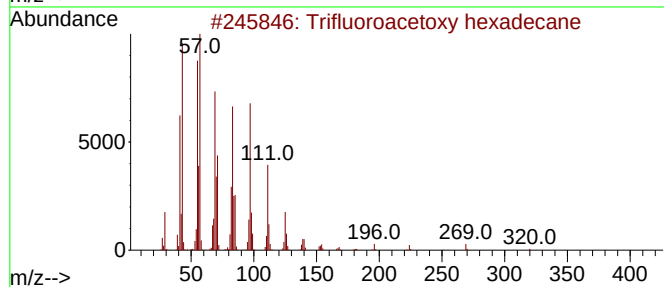
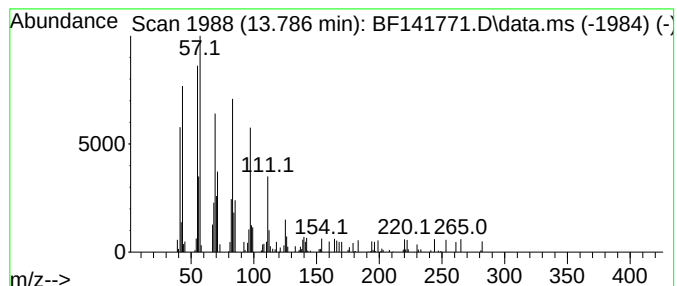
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Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	3.36 ng	78993	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81
4			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81



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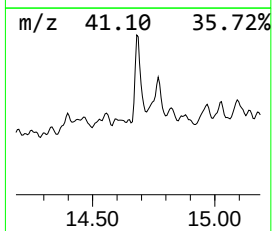
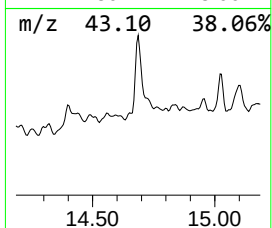
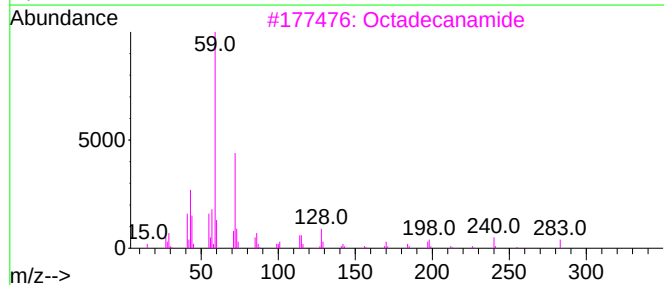
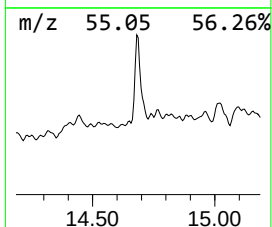
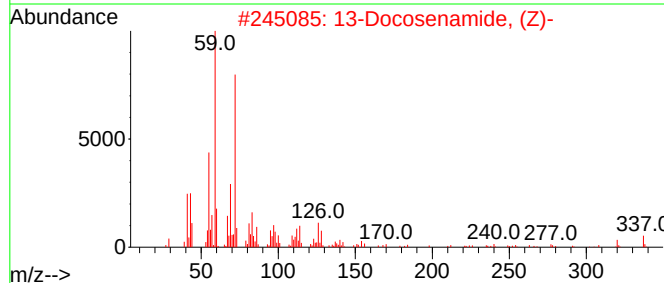
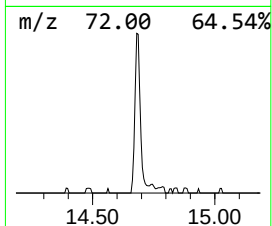
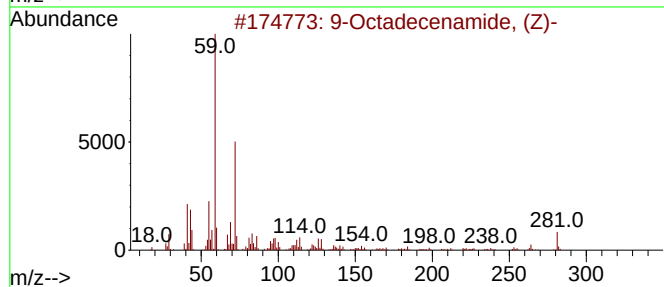
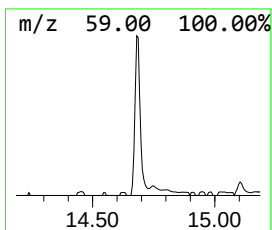
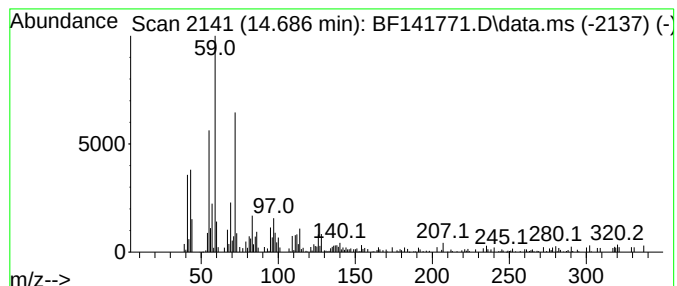
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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	4.76 ng	107987	Perylene-d12	15.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
3		Octadecanamide	283	C18H37NO	000124-26-5	81
4		Palmitoleamide	253	C16H31NO	106010-22-4	72
5		cis-11-Eicosenamide	309	C20H39NO	010436-08-5	53



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.528	8.1	ng	147844	3	9.816	364550	20.0
n-Hexadecanoic ...	11.828	12.1	ng	223779	4	11.298	368843	20.0
Octadecanoic acid	12.616	3.8	ng	70447	4	11.298	368843	20.0
Trifluoroacetox...	13.786	3.4	ng	78993	5	13.939	470006	20.0
9-Octadecenamid...	14.686	4.8	ng	107987	6	15.386	453923	20.0