LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142631.D
Acq On : 05 Jun 2025 13:37
Operator : RC/JU
Sample : Q2185-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP01-MHA-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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	509	rBV	163393	241813	9.06%	1.349%
2	5.516	558	565	570	rBV	1561079	2106886	78.92%	11.756%
3	6.522	729	736	741	rBV	1547387	2132536	79.88%	11.900%
4	6.893	794	799	804	rBV	546614	671047	25.14%	3.744%
5	7.457	888	895	900	rBV	1053744	1414444	52.98%	7.893%
6	7.710	933	938	949	rVB	26116	37662	1.41%	0.210%
7	8.175	1012	1017	1033	rBV	680455	885016	33.15%	4.938%
8	9.251	1194	1200	1205	rBV	2165550	2669714	100.00%	14.897%
9	9.934	1311	1316	1321	rBV	768316	944134	35.36%	5.268%
10	10.645	1432	1437	1442	rBV	438253	537134	20.12%	2.997%
11	10.722	1445	1450	1461	rVV	1125679	1427320	53.46%	7.964%
12	10.957	1485	1490	1495	rVB	53591	68423	2.56%	0.382%
13	11.422	1564	1569	1574	rBV	656072	816166	30.57%	4.554%
14	11.639	1602	1606	1615	rBV	18747	31319	1.17%	0.175%
15	11.939	1652	1657	1672	rBV	90084	158532	5.94%	0.885%
16	12.192	1696	1700	1705	rVB2	37171	47917	1.79%	0.267%
17	12.728	1787	1791	1799	rBV2	18809	34176	1.28%	0.191%
18	13.004	1833	1838	1844	rBV	1503561	1924986	72.10%	10.741%
19	13.898	1985	1990	2007	rBV	82869	156208	5.85%	0.872%
20	14.063	2013	2018	2027	rVB	462223	597717	22.39%	3.335%
21	14.822	2142	2147	2155	rBV	149507	238320	8.93%	1.330%
22	14.916	2159	2163	2168	rVB	30445	44982	1.68%	0.251%
23	15.557	2265	2272	2287	rBV	451182	734750	27.52%	4.100%

Sum of corrected areas: 17921202

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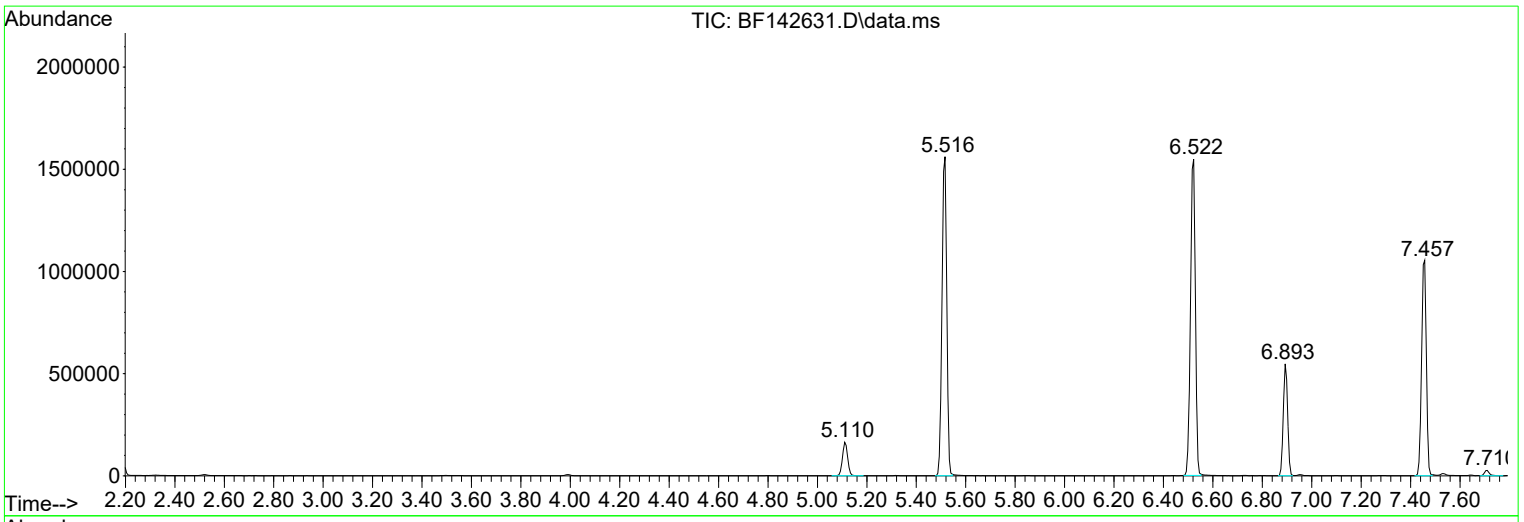
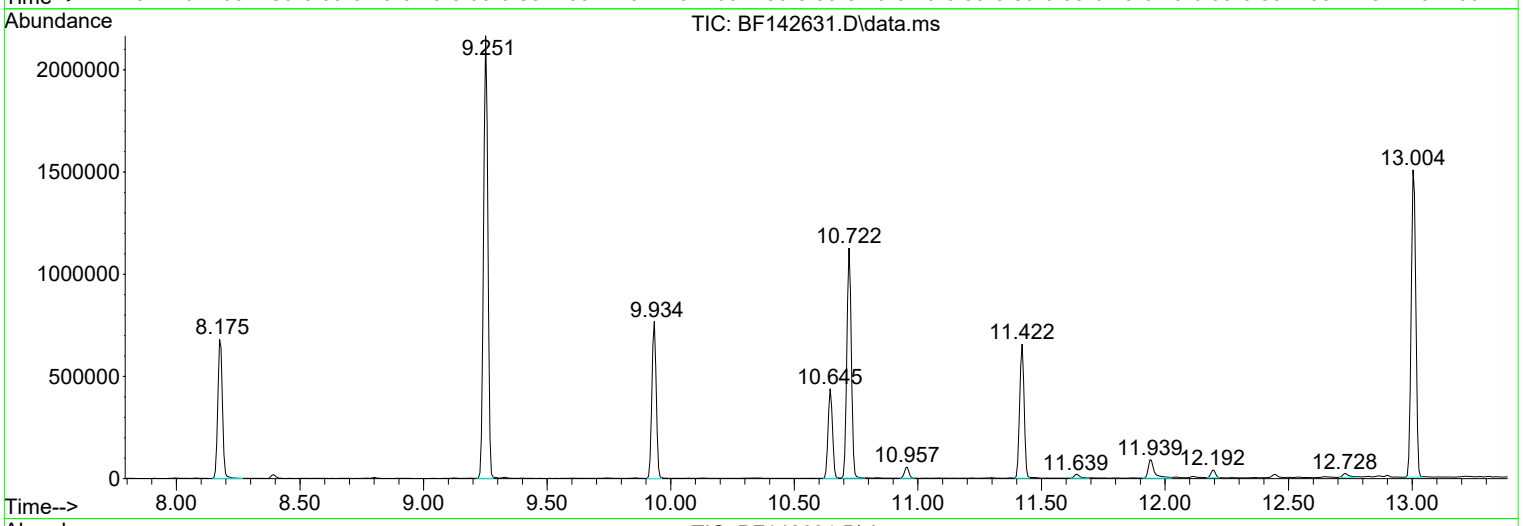
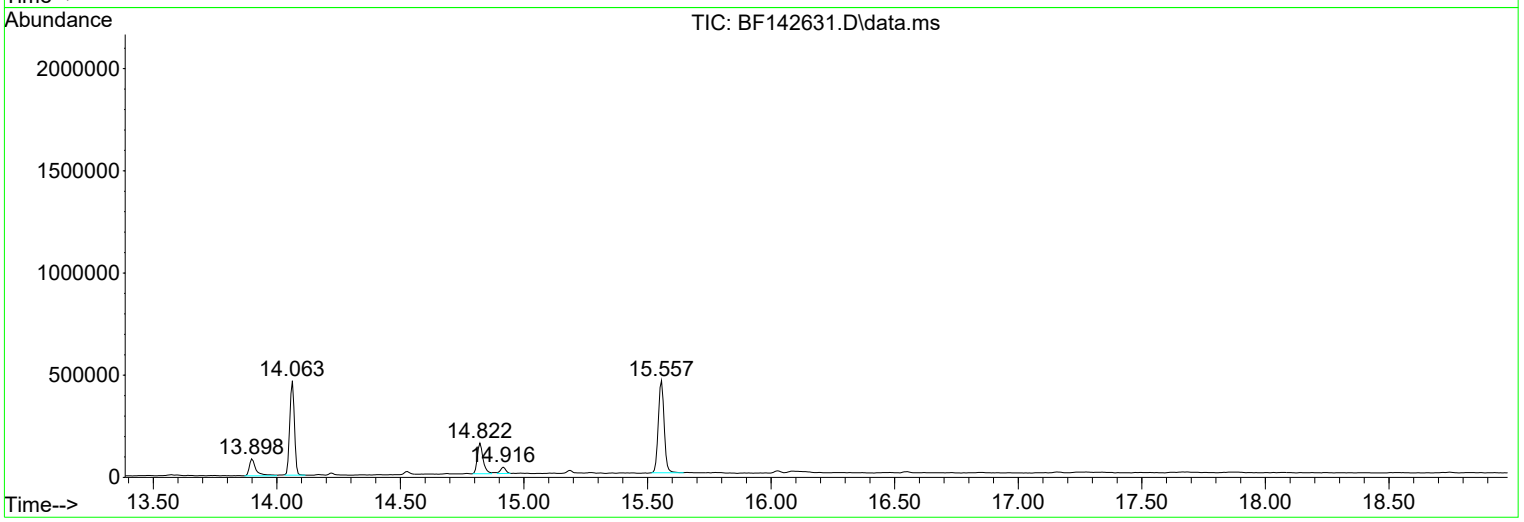
ClientSampleId :
TP01-MHA-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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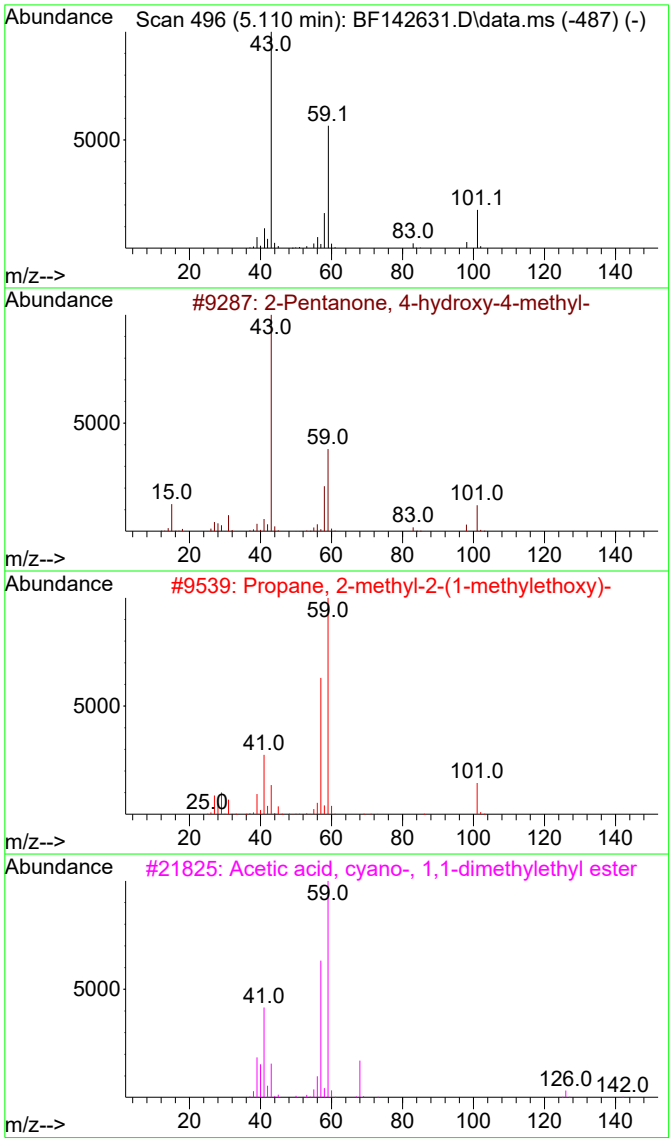
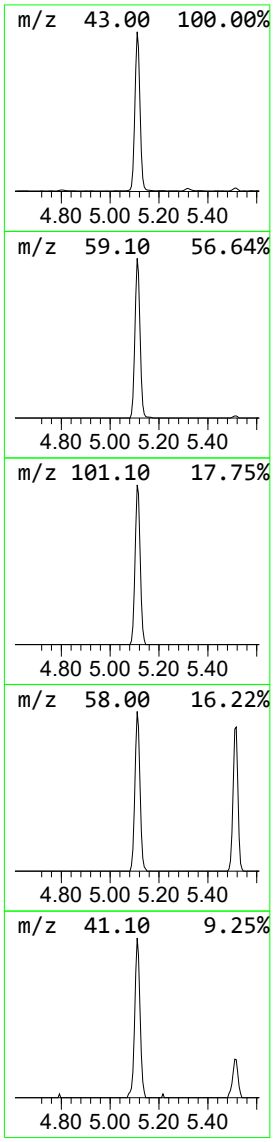
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.21 ng	241813	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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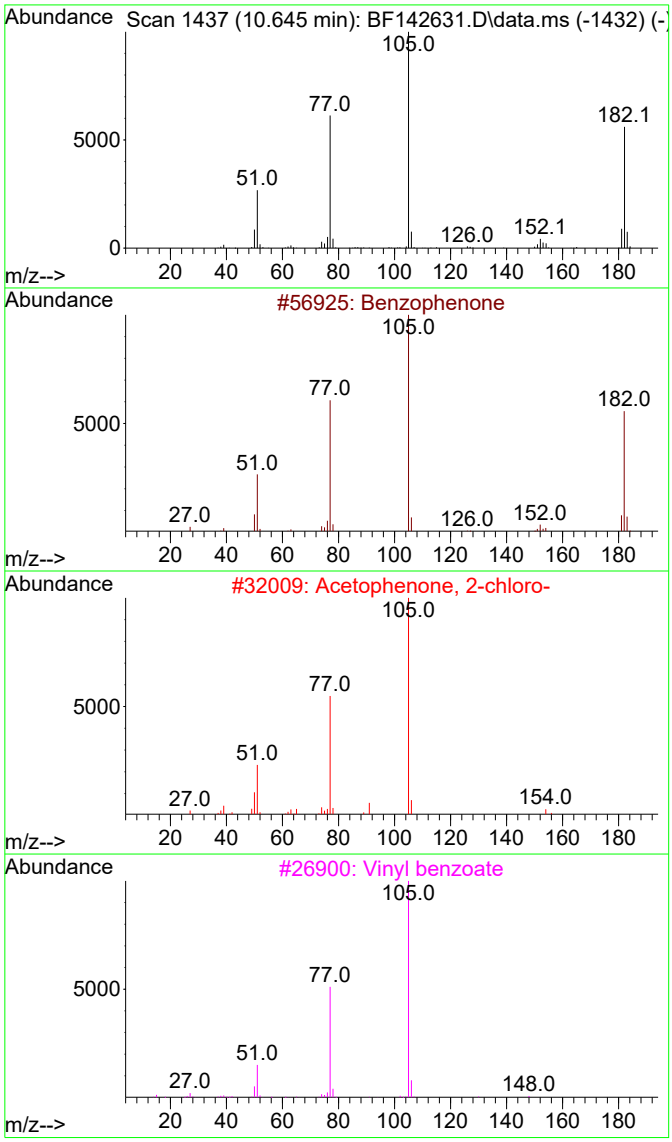
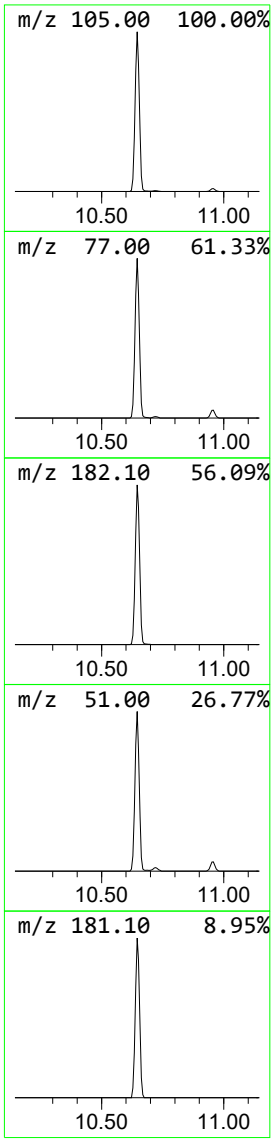
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	11.38 ng	537134	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47





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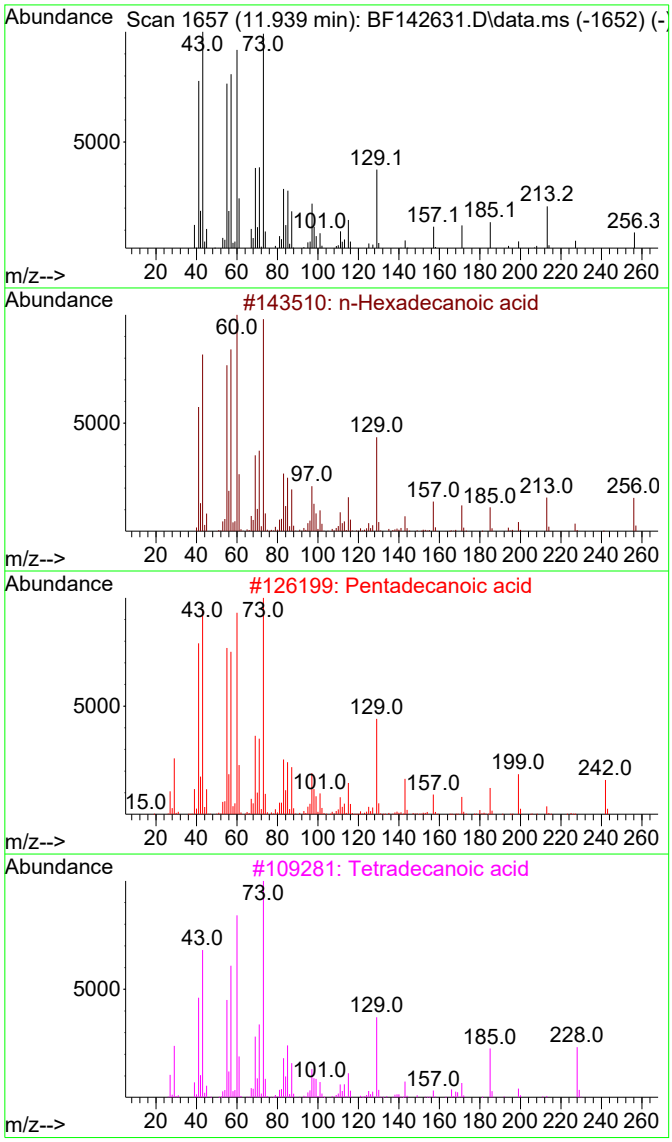
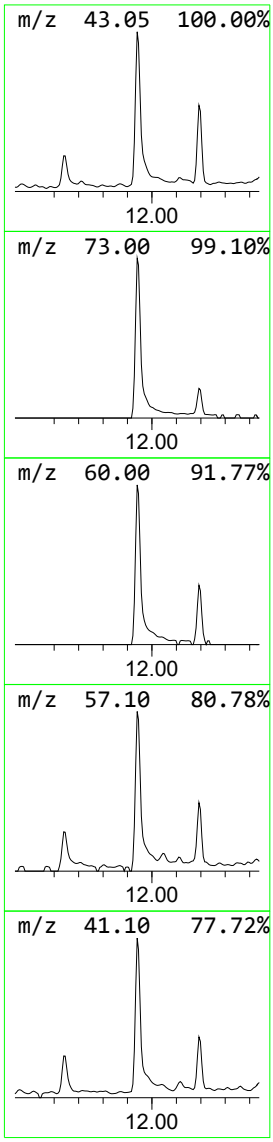
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.88 ng	158532	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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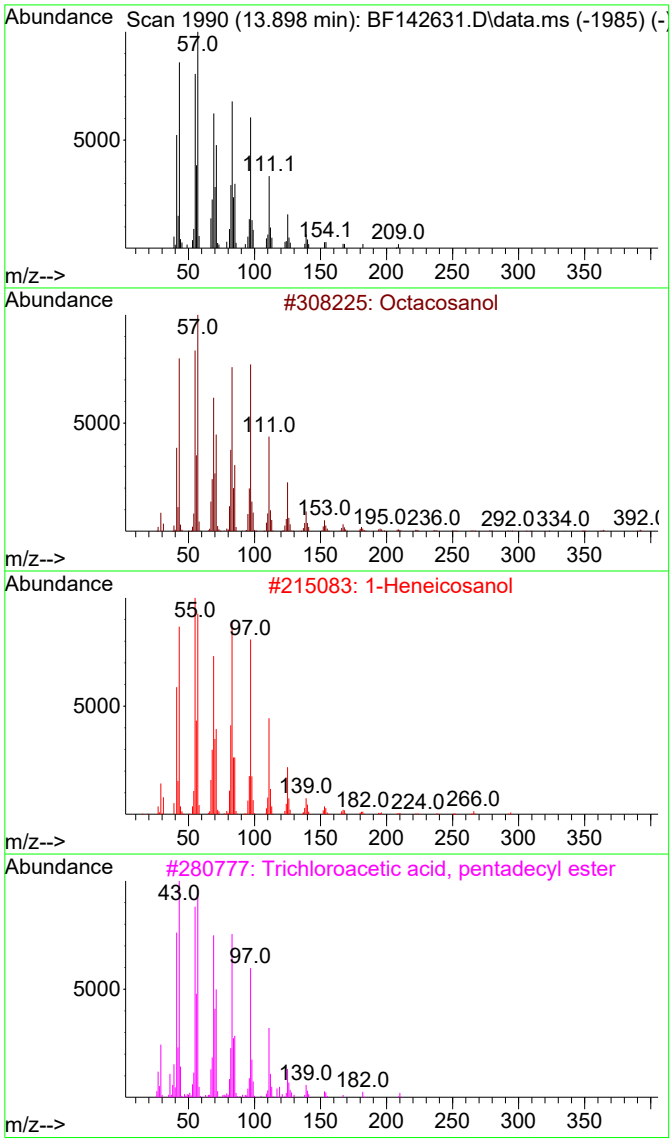
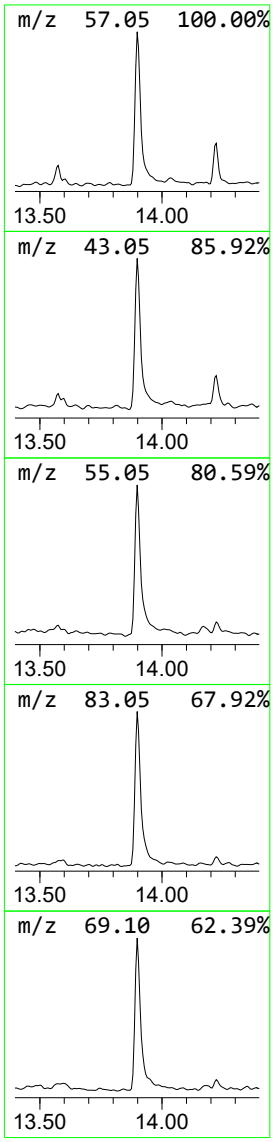
Peak Number 4 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.23 ng	156208	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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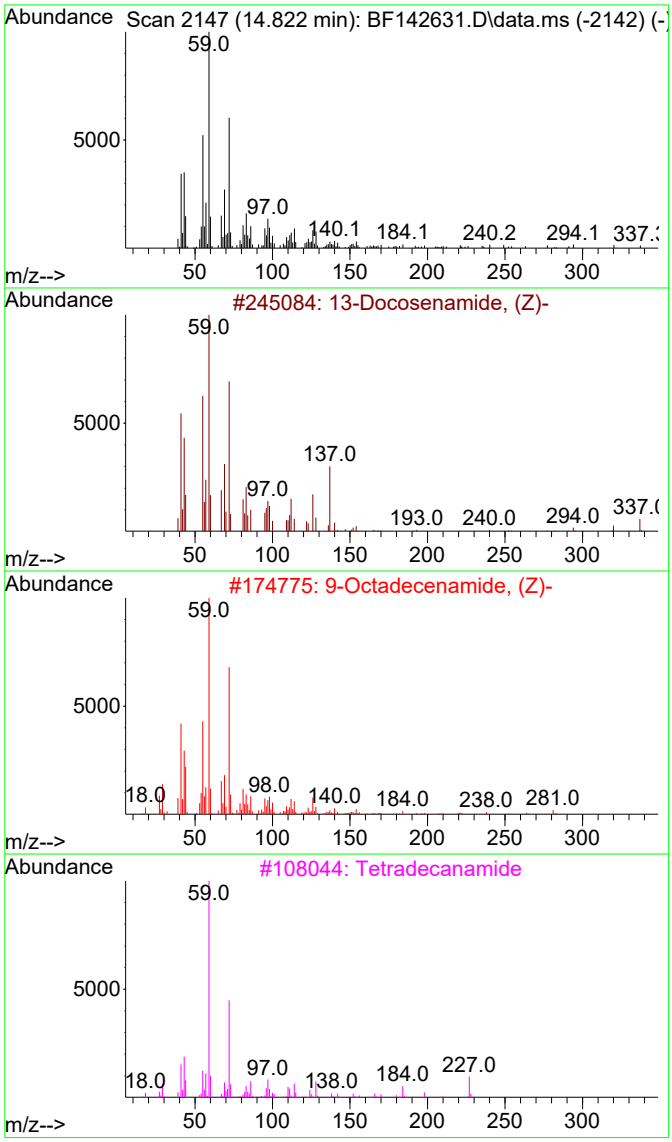
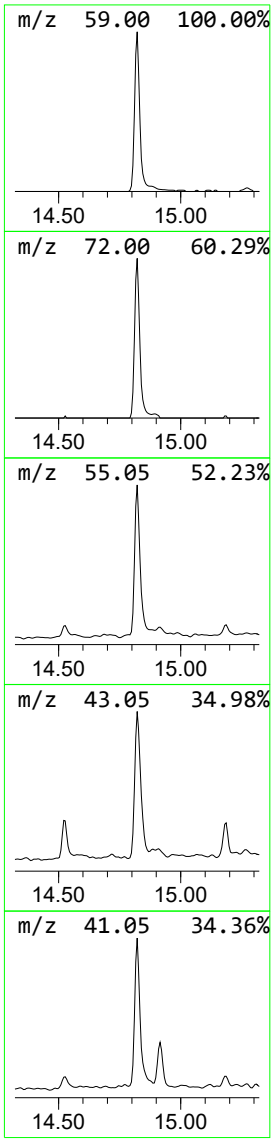
****

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	6.49 ng	238320	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
5	Decanamide-	171	C10H21NO	002319-29-1	53





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	7.2	ng	241813	1	6.893	671047	20.0
Benzophenone	10.645	11.4	ng	537134	3	9.934	944134	20.0
n-Hexadecanoic ...	11.939	3.9	ng	158532	4	11.422	816166	20.0
Octacosanol	13.898	5.2	ng	156208	5	14.063	597717	20.0
13-Docosenamide...	14.822	6.5	ng	238320	6	15.557	734750	20.0