LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142890.D
Acq On : 27 Jun 2025 13:48
Operator : RC/JU
Sample : Q2413-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-77

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	487	493	501	rVB	83307	124457	8.16%	1.223%
2	5.493	556	561	578	rBV	910084	1223733	80.27%	12.030%
3	6.504	727	733	738	rBV	919596	1205908	79.11%	11.855%
4	6.875	791	796	801	rBV	333848	399491	26.21%	3.927%
5	7.440	886	892	897	rBV	588267	776511	50.94%	7.633%
6	8.157	1009	1014	1031	rBV	403073	514803	33.77%	5.061%
7	9.234	1192	1197	1202	rBV	1230807	1524436	100.00%	14.986%
8	9.916	1308	1313	1318	rBV	434871	529716	34.75%	5.207%
9	10.628	1429	1434	1442	rVB	163546	204076	13.39%	2.006%
10	10.704	1442	1447	1461	rBV	572828	760901	49.91%	7.480%
11	11.404	1561	1566	1575	rBV	351808	465107	30.51%	4.572%
12	11.928	1648	1655	1667	rBV3	51604	94221	6.18%	0.926%
13	12.622	1768	1773	1779	rBV	35508	43458	2.85%	0.427%
14	12.851	1807	1812	1816	rBV	36825	49007	3.21%	0.482%
15	12.992	1830	1836	1841	rBV	891657	1110870	72.87%	10.920%
16	13.886	1983	1988	2001	rVB2	52434	94187	6.18%	0.926%
17	14.051	2007	2016	2028	rBV	336857	489410	32.10%	4.811%
18	14.522	2091	2096	2101	rBV3	23093	44891	2.94%	0.441%
19	15.104	2190	2195	2203	rBV	24365	62456	4.10%	0.614%
20	15.416	2244	2248	2253	rBV	12889	19415	1.27%	0.191%
21	15.480	2255	2259	2264	rVB	15912	23503	1.54%	0.231%
22	15.545	2264	2270	2283	rBV	263314	411877	27.02%	4.049%

Sum of corrected areas: 10172434

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ClientSampleId :
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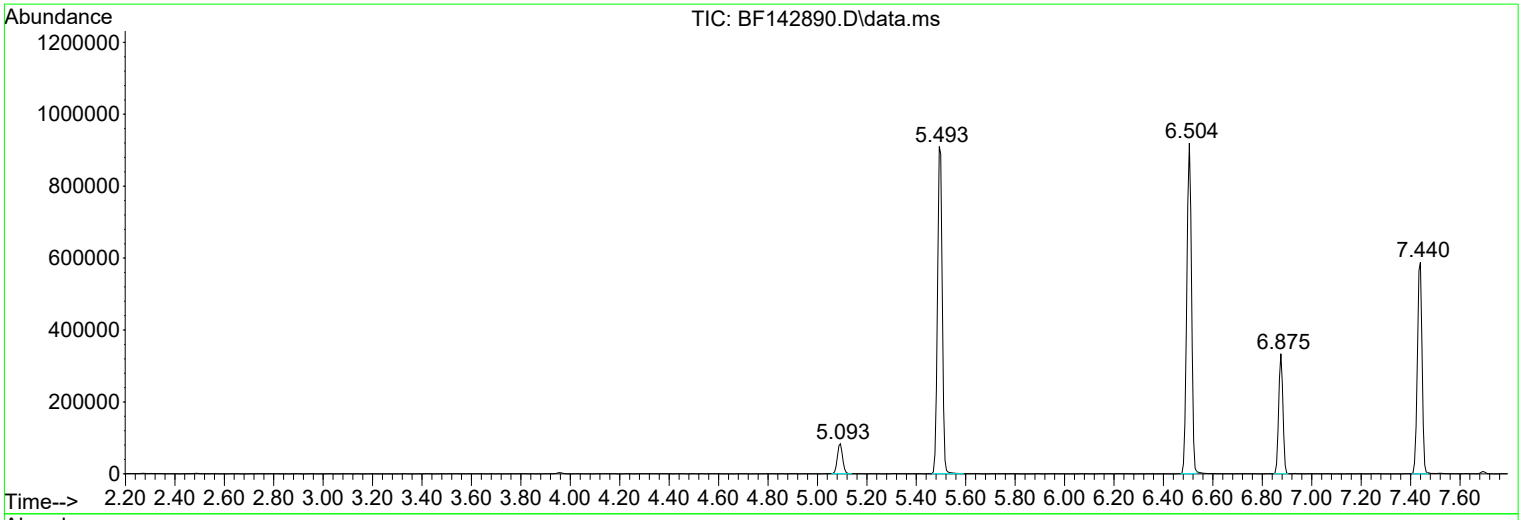
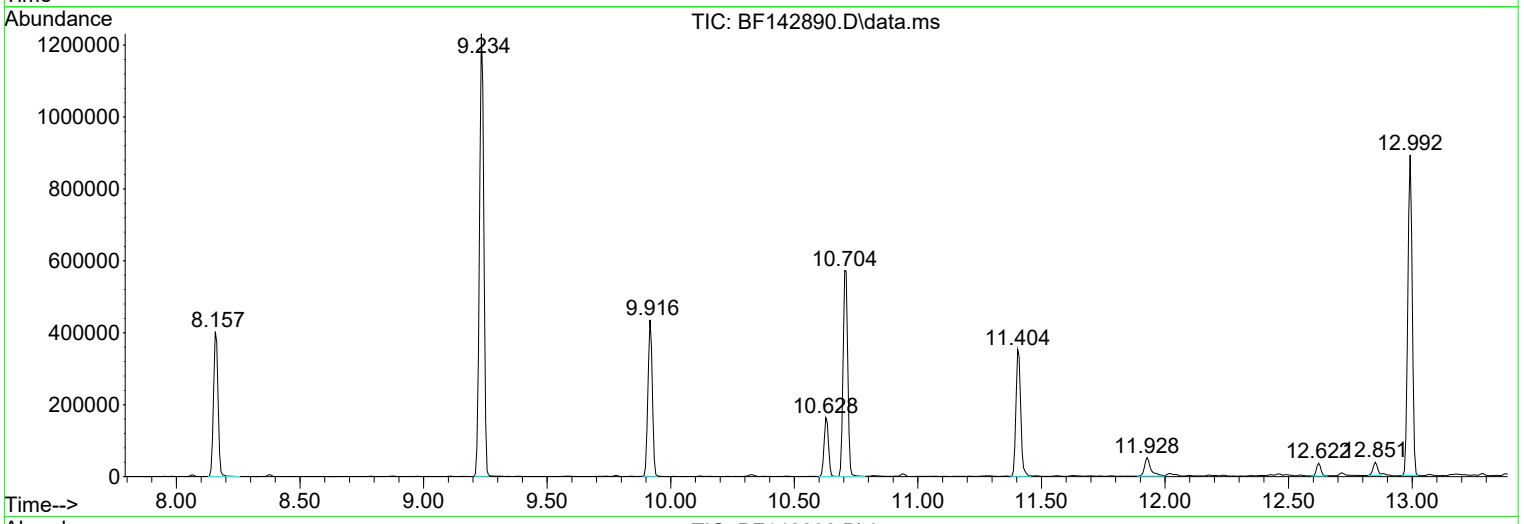
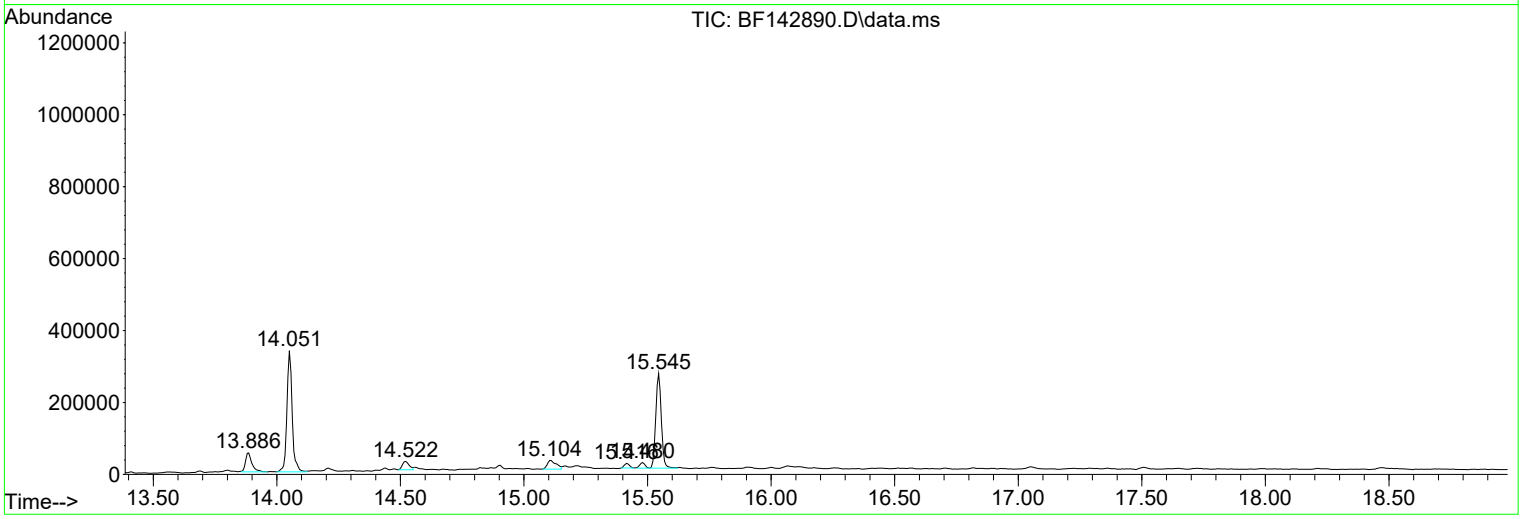
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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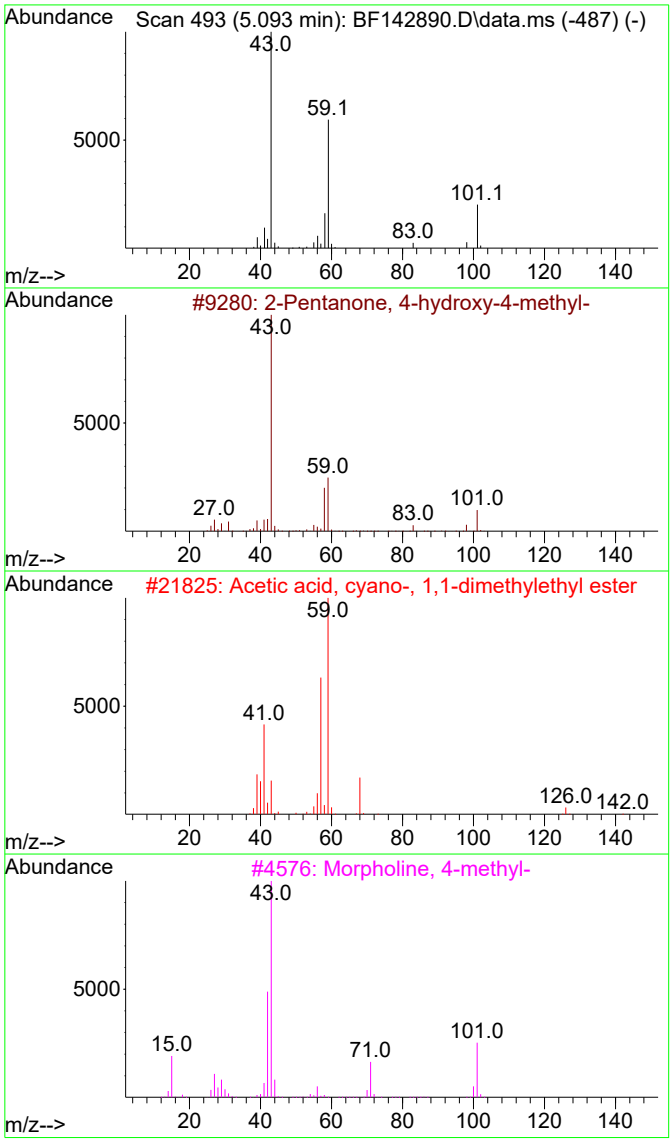
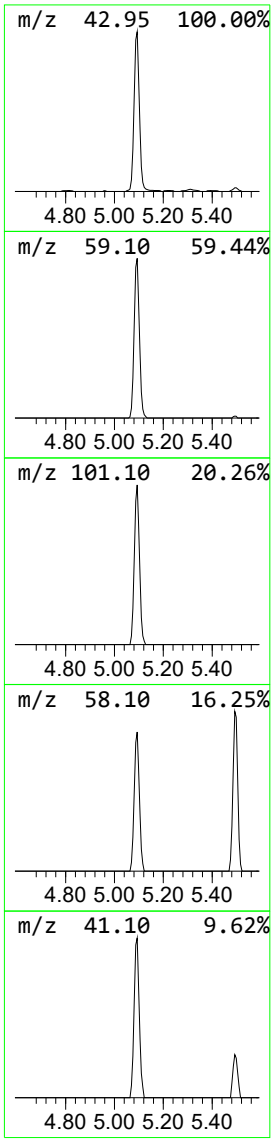
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	6.23 ng	124457	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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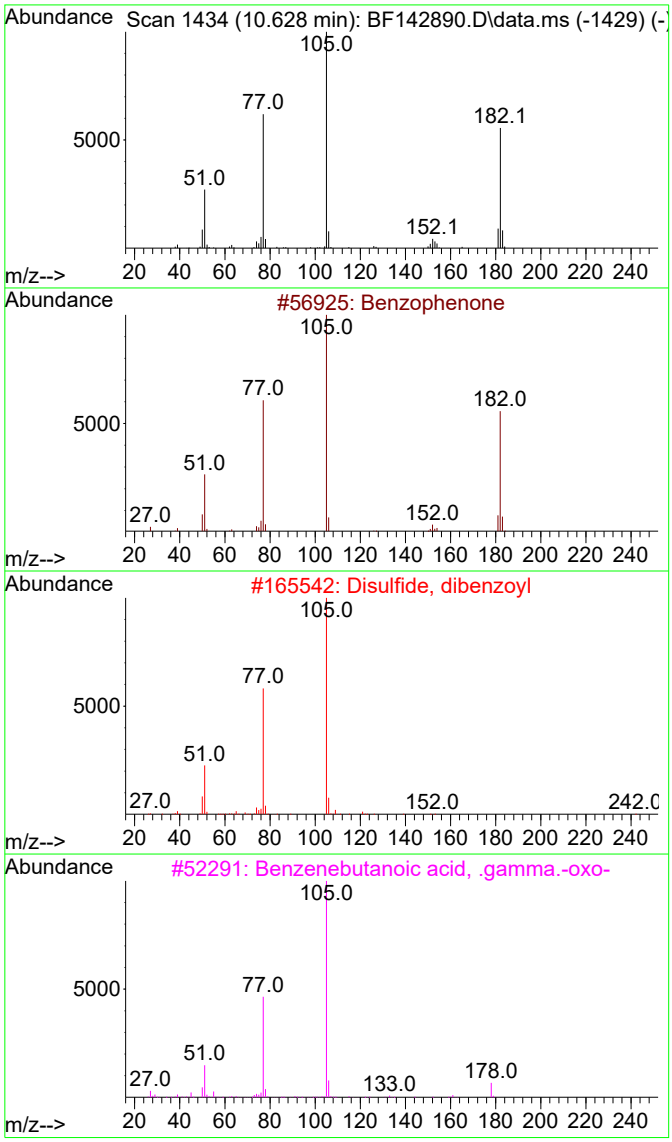
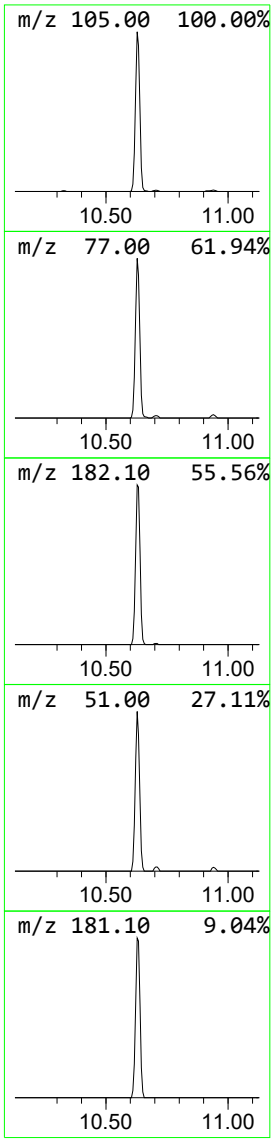
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	7.71 ng	204076	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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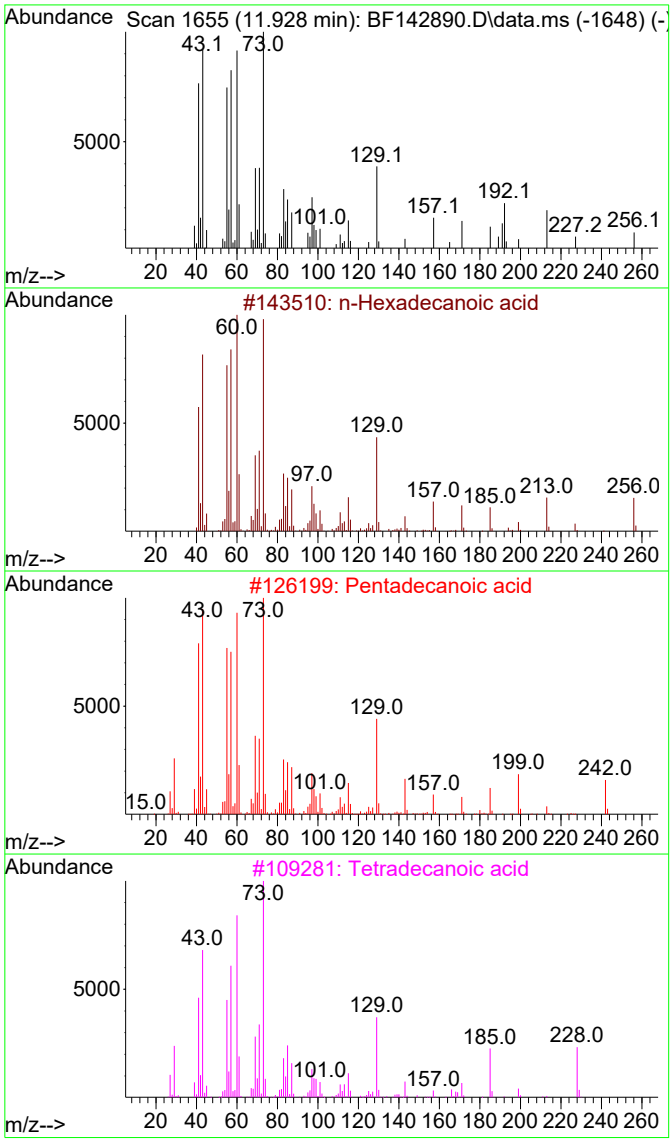
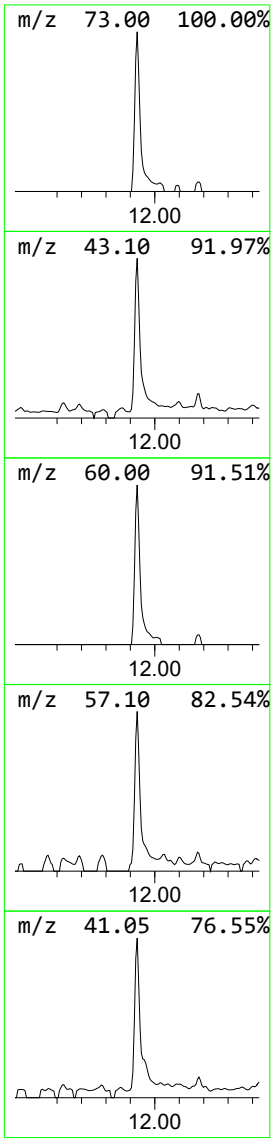
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	4.05 ng	94221	Phenanthrene-d10	11.404

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	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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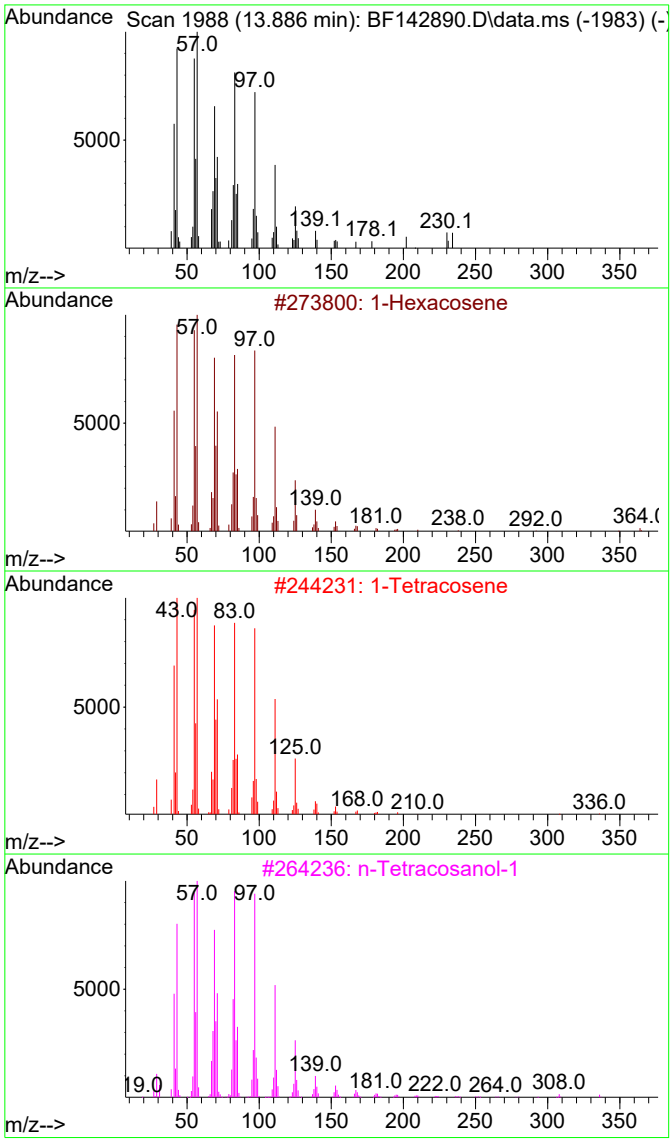
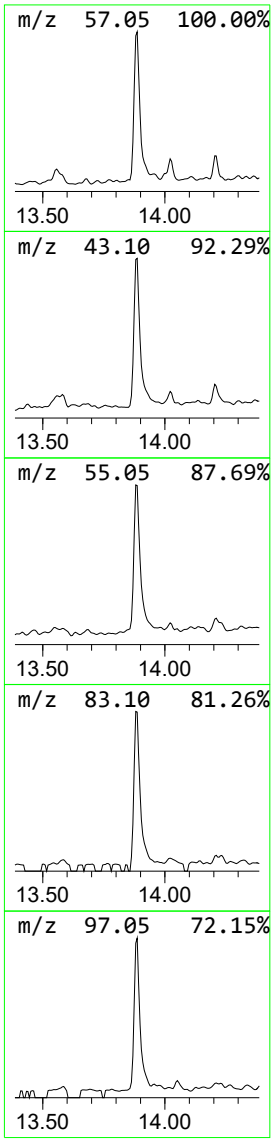
Peak Number 5 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.85 ng	94187	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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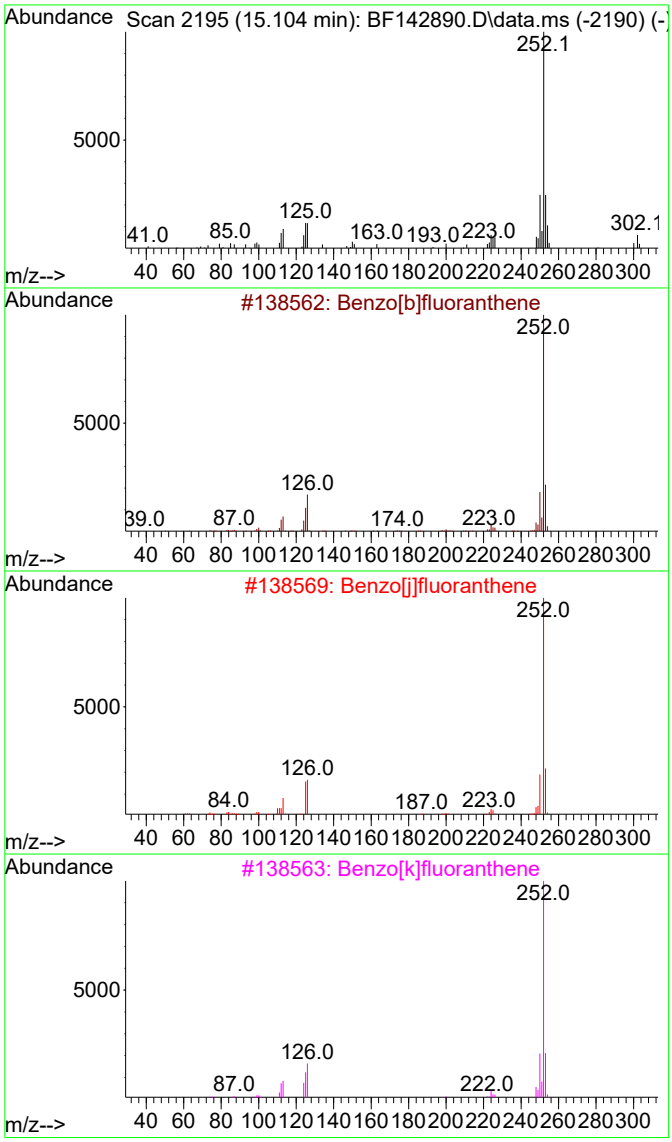
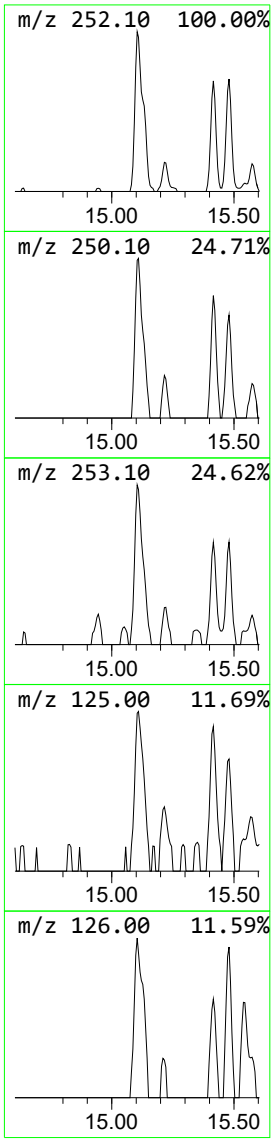
Peak Number 6 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	3.03 ng	62456	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
4	Benzo[e]pyrene	252	C20H12	000192-97-2	76
5	Perylene	252	C20H12	000198-55-0	76





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-...	5.093	6.2	ng	124457	1	6.875	399491	20.0
Benzophenone	10.628	7.7	ng	204076	3	9.916	529716	20.0
n-Hexadecanoic ...	11.928	4.0	ng	94221	4	11.404	465107	20.0
1-Hexacosene	13.886	3.9	ng	94187	5	14.051	489410	20.0
Benzo[j]fluoran...	15.104	3.0	ng	62456	6	15.545	411877	20.0