LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
Data File : BF143000.D
Acq On : 03 Jul 2025 16:59
Operator : RC/JU
Sample : Q2484-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-107

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: BF143000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.092	488	493	506	rVB	77532	117315	8.23%	1.166%
2	5.498	556	562	581	rBV	895880	1169657	82.06%	11.622%
3	6.504	727	733	752	rBV	890538	1183670	83.05%	11.761%
4	6.875	791	796	801	rBV	312647	398972	27.99%	3.964%
5	7.433	885	891	896	rBV	576836	744160	52.21%	7.394%
6	8.157	1009	1014	1034	rVB	422024	524554	36.80%	5.212%
7	9.233	1191	1197	1202	rBV	1124630	1425320	100.00%	14.162%
8	9.833	1294	1299	1303	rBV	17135	21934	1.54%	0.218%
9	9.910	1308	1312	1321	rVB	457588	580919	40.76%	5.772%
10	10.333	1377	1384	1389	rBV	27999	38790	2.72%	0.385%
11	10.557	1416	1422	1428	rBV	12318	19655	1.38%	0.195%
12	10.627	1429	1434	1440	rVV	212110	266729	18.71%	2.650%
13	10.704	1442	1447	1460	rVV	642304	820887	57.59%	8.157%
14	10.816	1461	1466	1474	rVB2	42833	75896	5.32%	0.754%
15	10.933	1482	1486	1492	rVB	26893	33782	2.37%	0.336%
16	11.257	1537	1541	1544	rBV	25941	32021	2.25%	0.318%
17	11.404	1561	1566	1571	rBV	414878	528045	37.05%	5.247%
18	11.686	1610	1614	1620	rVB	21673	25663	1.80%	0.255%
19	11.921	1650	1654	1677	rBV	37056	76220	5.35%	0.757%
20	12.092	1679	1683	1688	rVV	18523	22196	1.56%	0.221%
21	12.986	1830	1835	1840	rBV	801754	1004698	70.49%	9.983%
22	13.886	1983	1988	1999	rBV	39028	84178	5.91%	0.836%
23	14.045	2007	2015	2023	rBV	282011	385415	27.04%	3.830%
24	15.539	2264	2269	2280	rVB	295024	483490	33.92%	4.804%

Sum of corrected areas: 10064166

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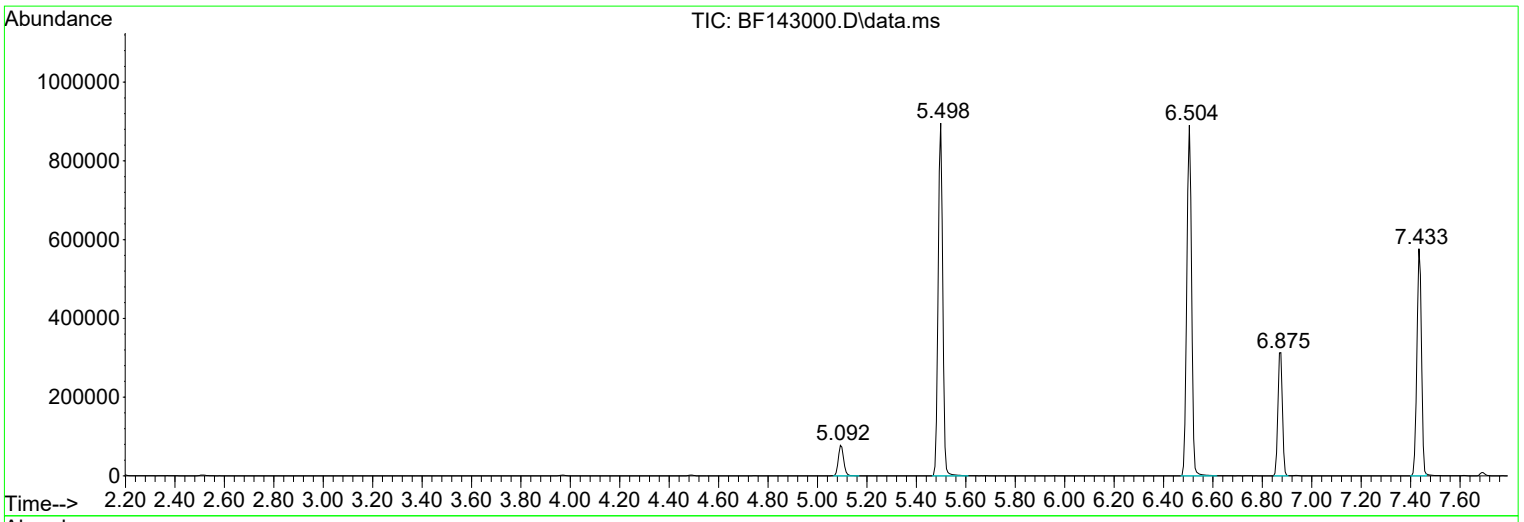
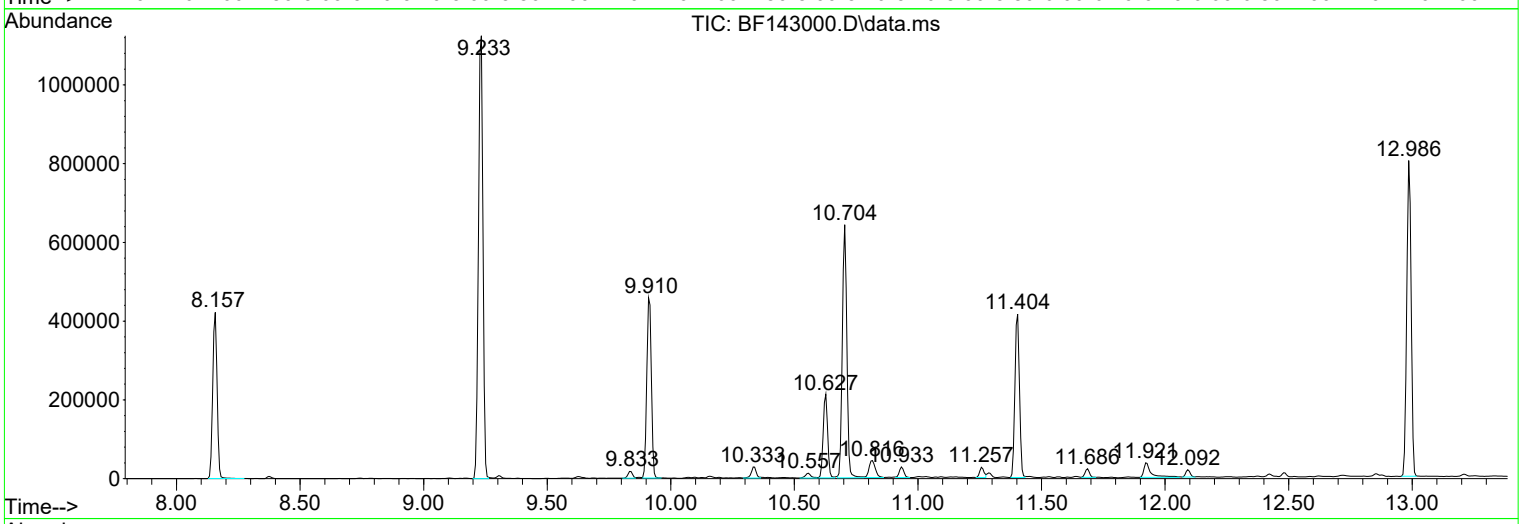
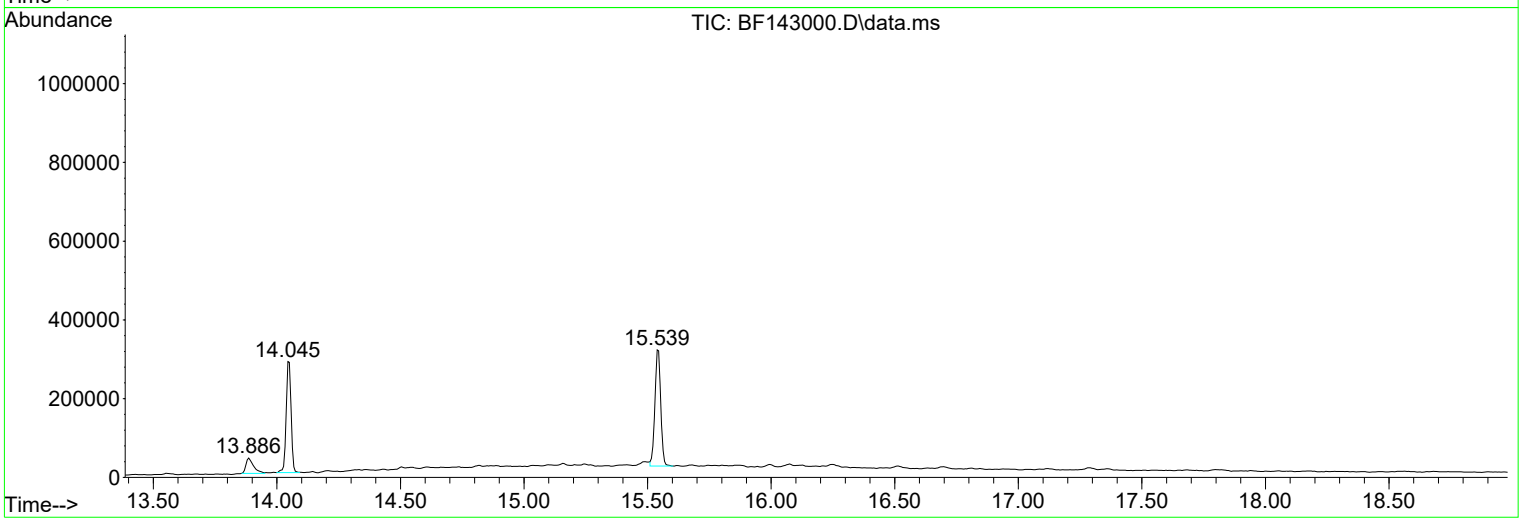
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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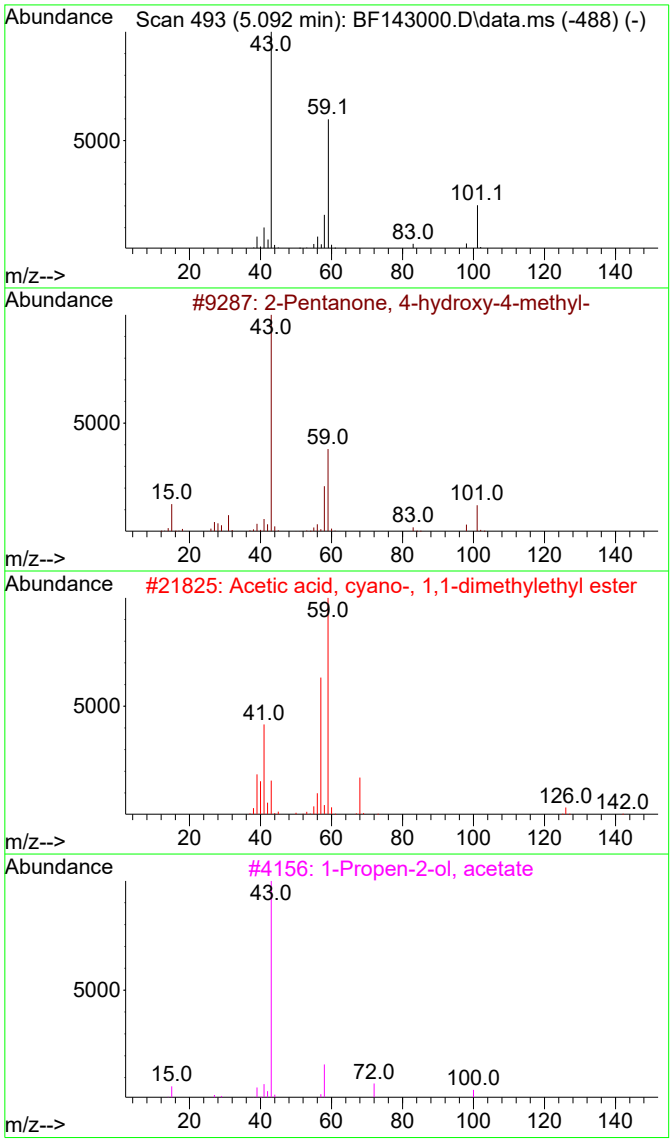
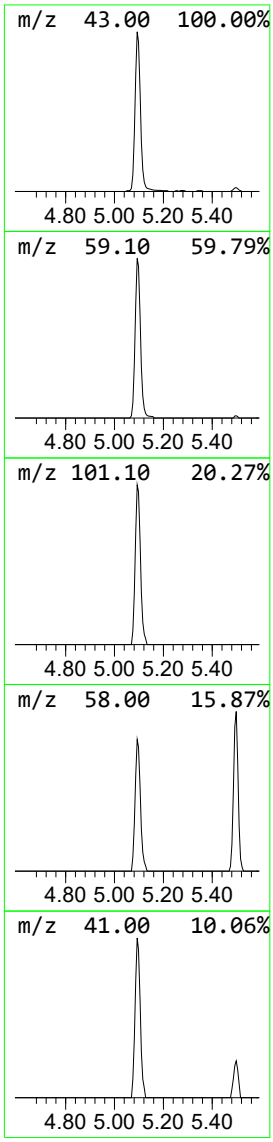
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	5.88 ng	117315	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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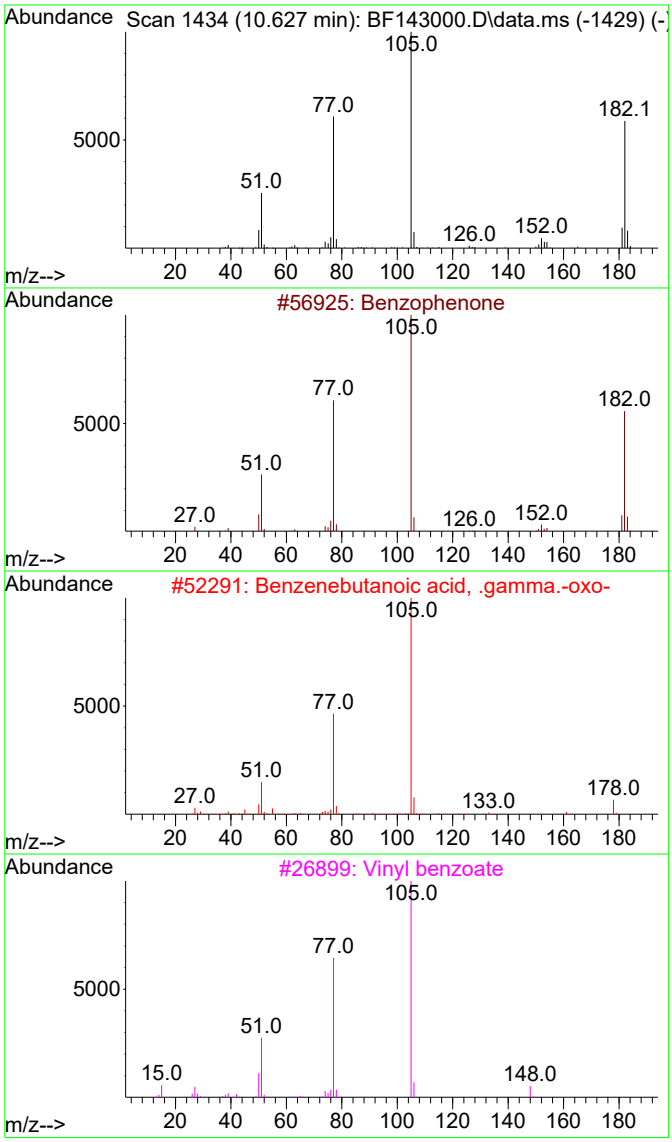
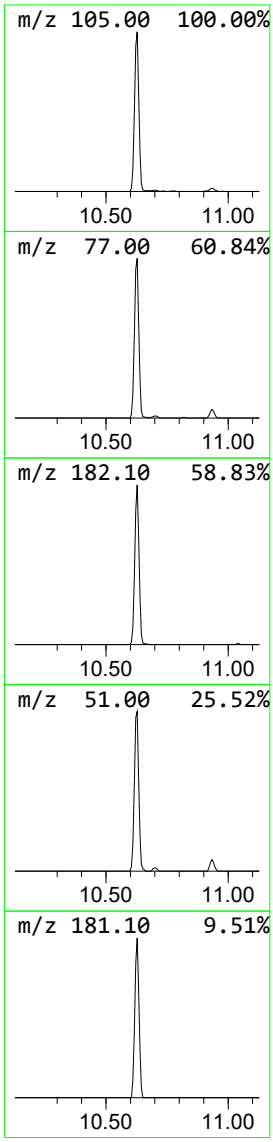
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	9.18 ng	266729	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





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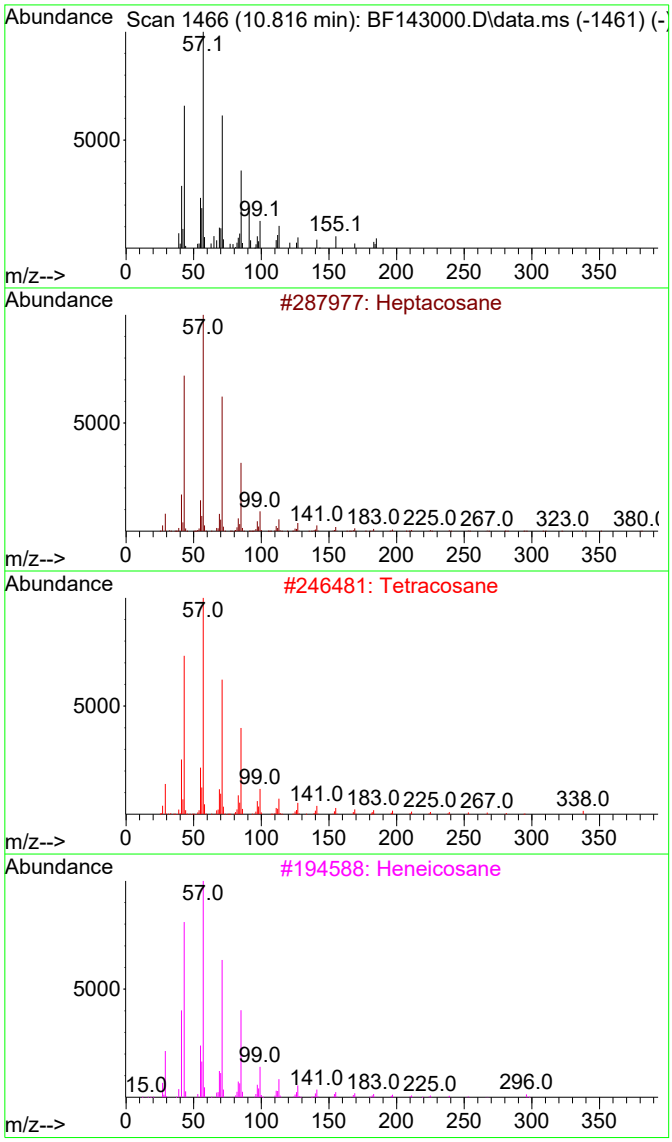
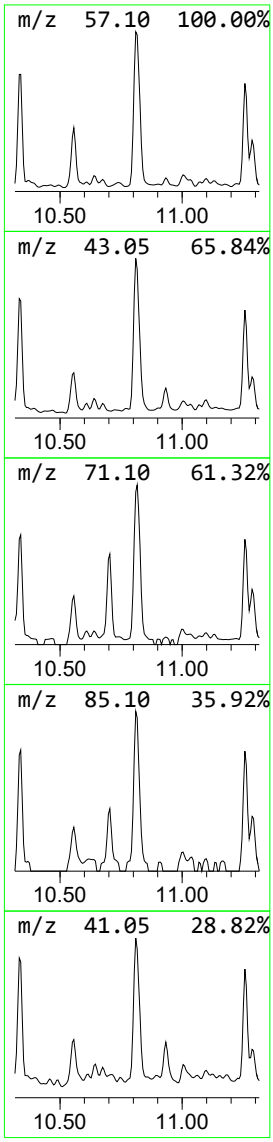
Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	2.87 ng	75896	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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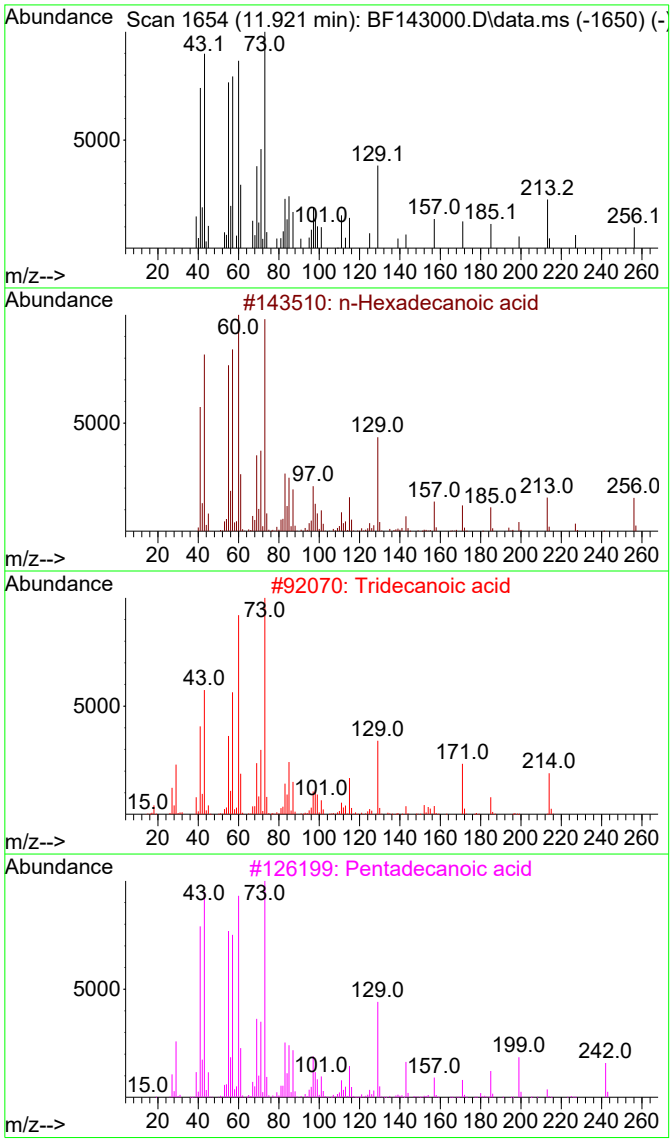
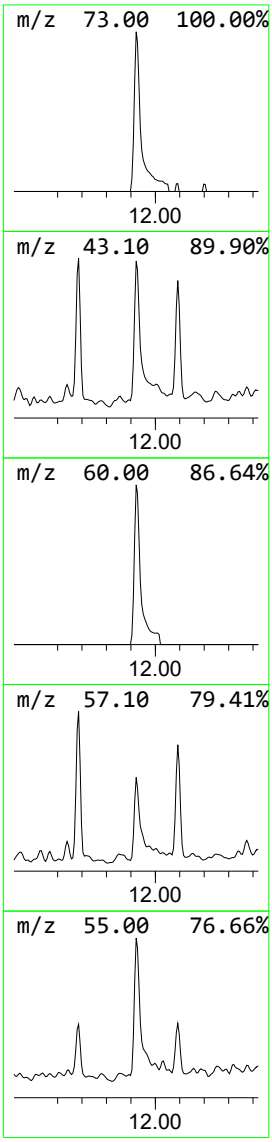
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	2.89 ng	76220	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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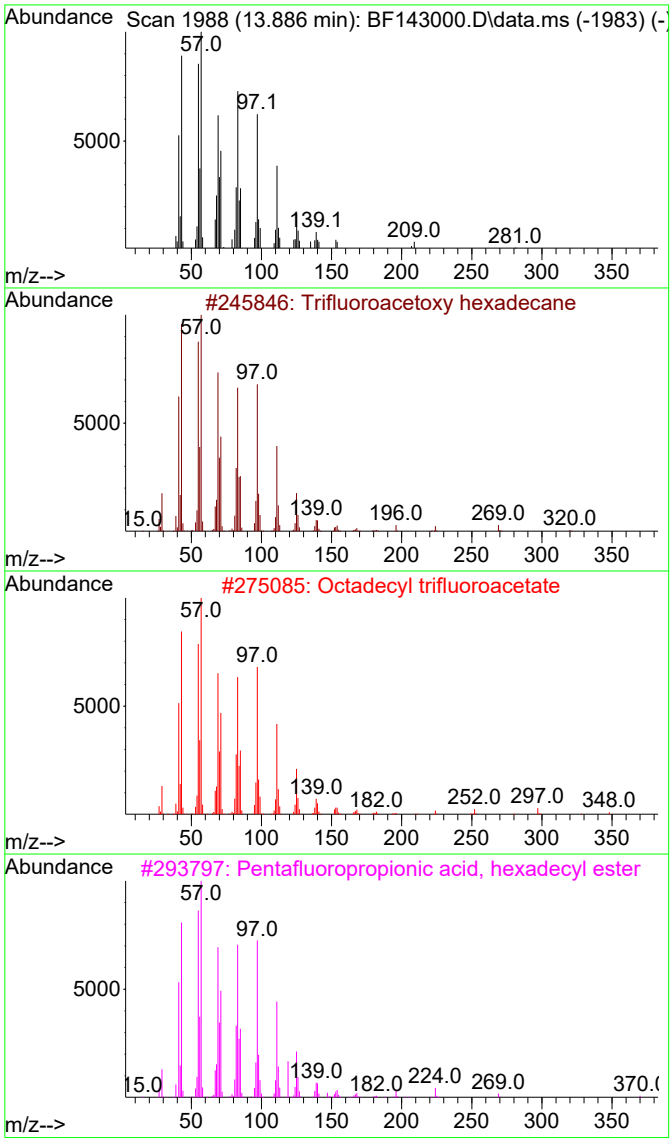
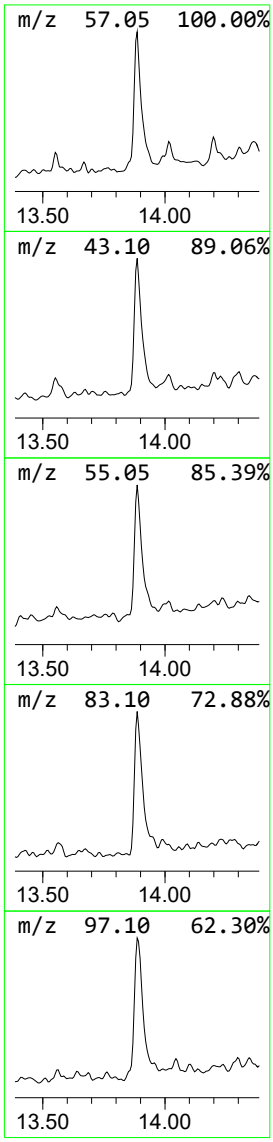
Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	4.37 ng	84178	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95





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-...	5.092	5.9	ng	117315	1	6.875	398972	20.0
Benzophenone	10.627	9.2	ng	266729	3	9.910	580919	20.0
Heptacosane	10.816	2.9	ng	75896	4	11.404	528045	20.0
n-Hexadecanoic ...	11.921	2.9	ng	76220	4	11.404	528045	20.0
Trifluoroacetox...	13.886	4.4	ng	84178	5	14.051	385415	20.0