LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140585.D
Acq On : 22 Nov 2024 18:35
Operator : RC/JU
Sample : P4822-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-1

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	17	rVB	624277	828754	44.91%	6.088%
2	5.087	505	509	518	rVB	21900	32633	1.77%	0.240%
3	5.499	573	579	601	rBV	1149357	1514043	82.04%	11.123%
4	6.504	745	750	768	rBV	1136210	1563066	84.70%	11.483%
5	6.869	807	812	817	rBV	440266	536580	29.08%	3.942%
6	7.434	902	908	917	rBV	725690	981833	53.20%	7.213%
7	7.681	945	950	960	rVB	14066	22209	1.20%	0.163%
8	8.151	1025	1030	1041	rBV	519591	665213	36.05%	4.887%
9	9.222	1207	1212	1222	rBV	1448064	1845498	100.00%	13.558%
10	9.904	1323	1328	1340	rBV	516591	661578	35.85%	4.860%
11	10.622	1444	1450	1458	rBV	240054	321219	17.41%	2.360%
12	10.698	1458	1463	1473	rBV	653707	845250	45.80%	6.210%
13	10.928	1498	1502	1507	rVB	44433	56622	3.07%	0.416%
14	11.398	1576	1582	1592	rBV	454207	654167	35.45%	4.806%
15	11.922	1665	1671	1683	rVV3	172552	308604	16.72%	2.267%
16	12.016	1683	1687	1694	rVB3	14467	30537	1.65%	0.224%
17	12.086	1696	1699	1705	rBV5	12224	21459	1.16%	0.158%
18	12.610	1784	1788	1801	rBV	98245	173164	9.38%	1.272%
19	12.704	1801	1804	1810	rBV	33134	52568	2.85%	0.386%
20	12.845	1823	1828	1840	rVB	95422	156938	8.50%	1.153%
21	12.980	1846	1851	1859	rVB	1048084	1366053	74.02%	10.036%
22	13.874	2000	2003	2015	rVB2	74887	140997	7.64%	1.036%
23	14.045	2027	2032	2040	rVB2	337032	497293	26.95%	3.653%
24	15.533	2281	2285	2294	rVB	207402	335861	18.20%	2.467%

Sum of corrected areas: 13612139

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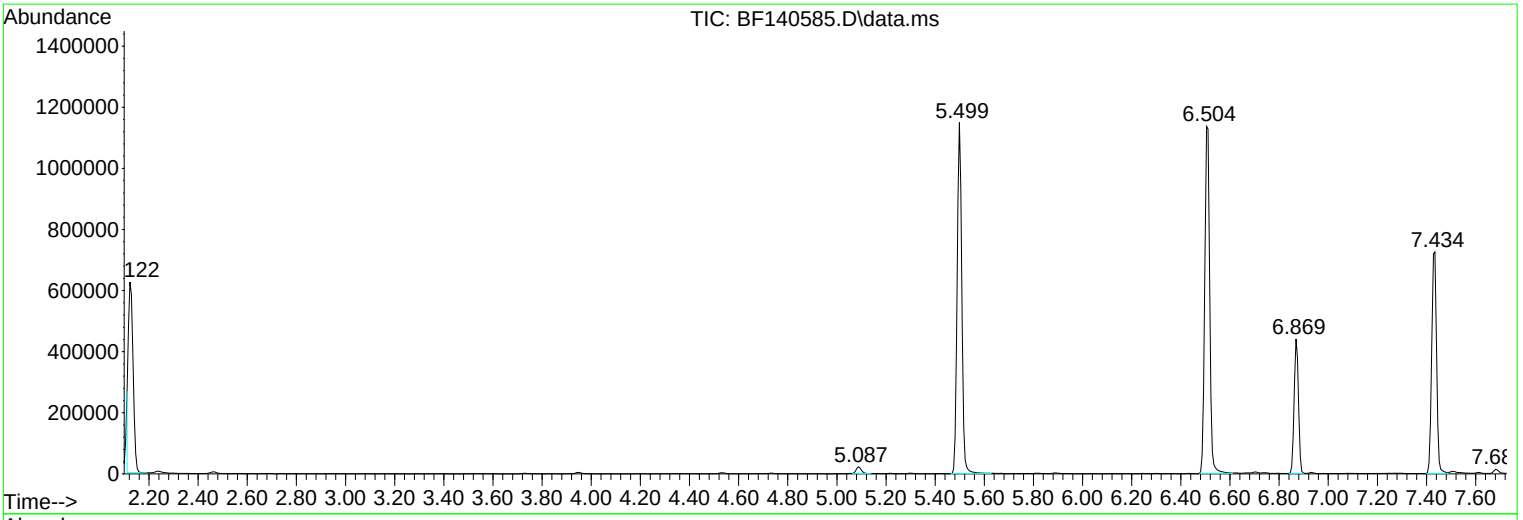
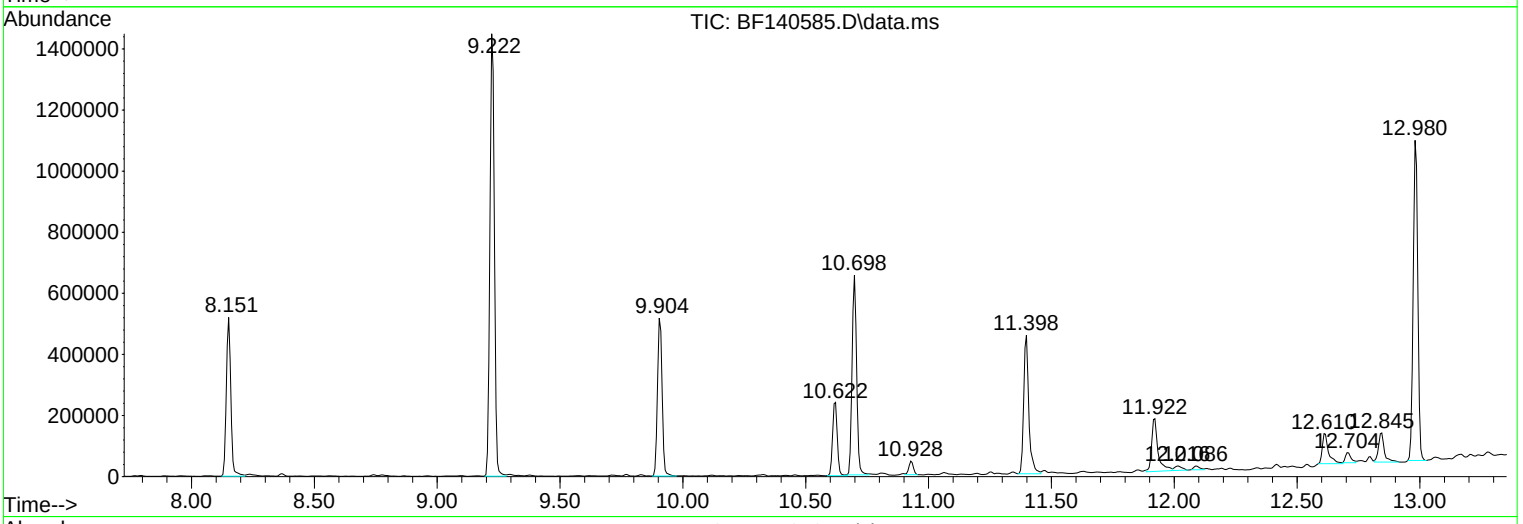
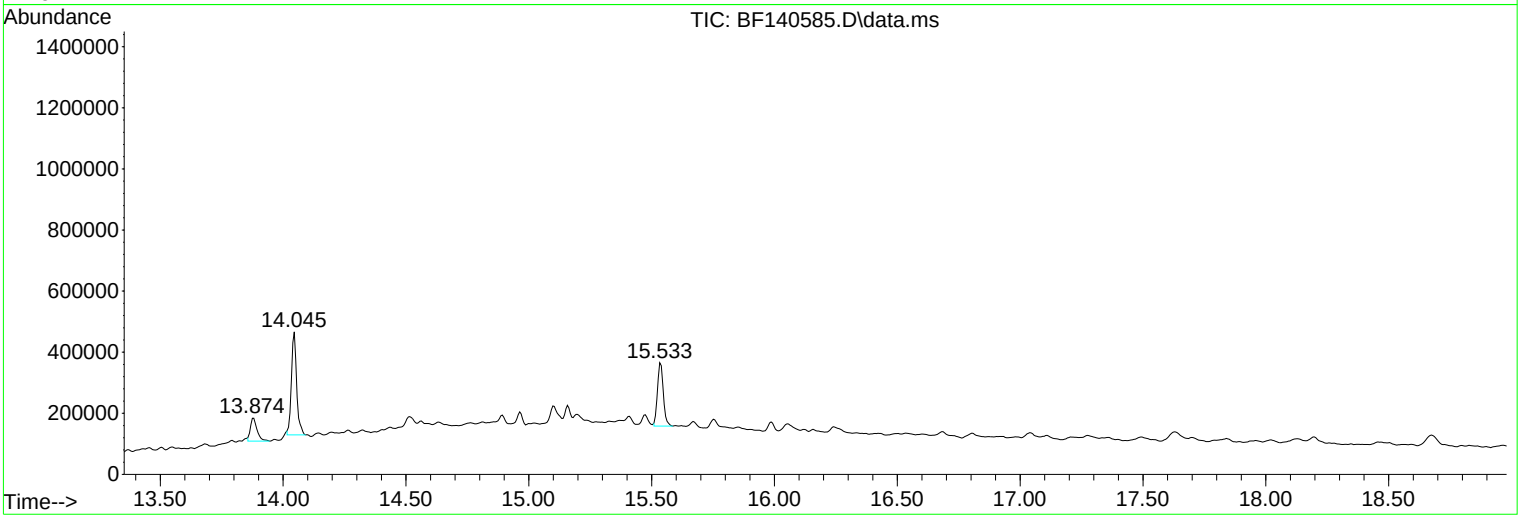
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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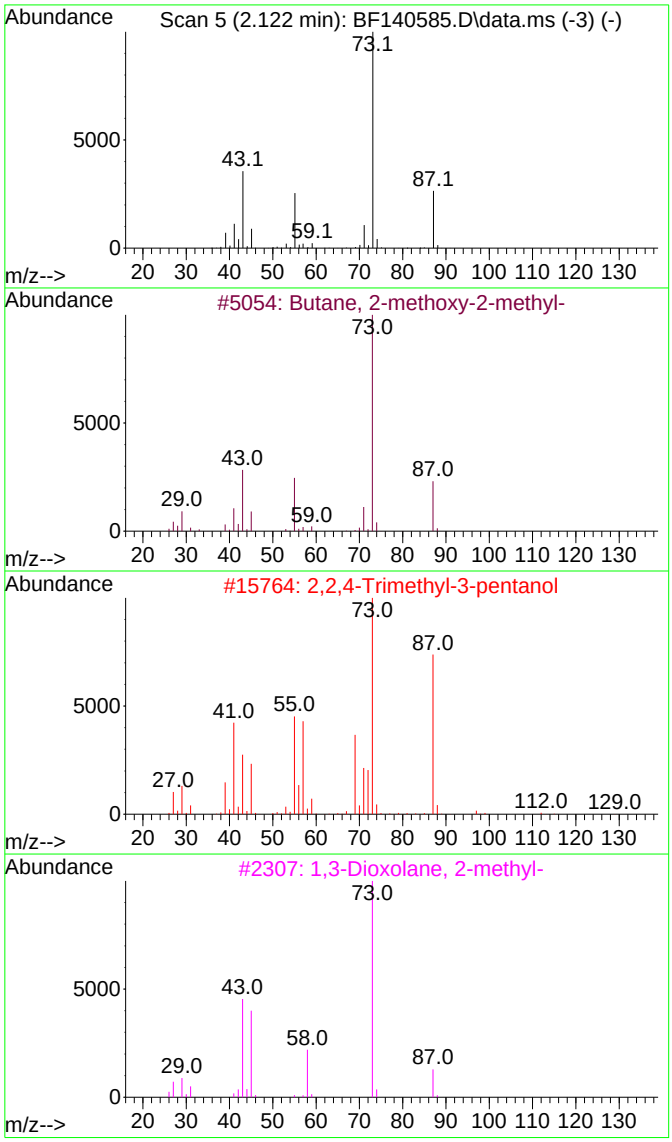
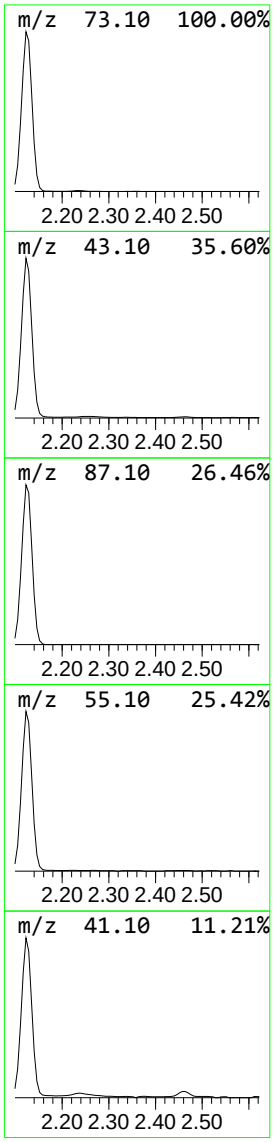
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	30.89 ng	828754	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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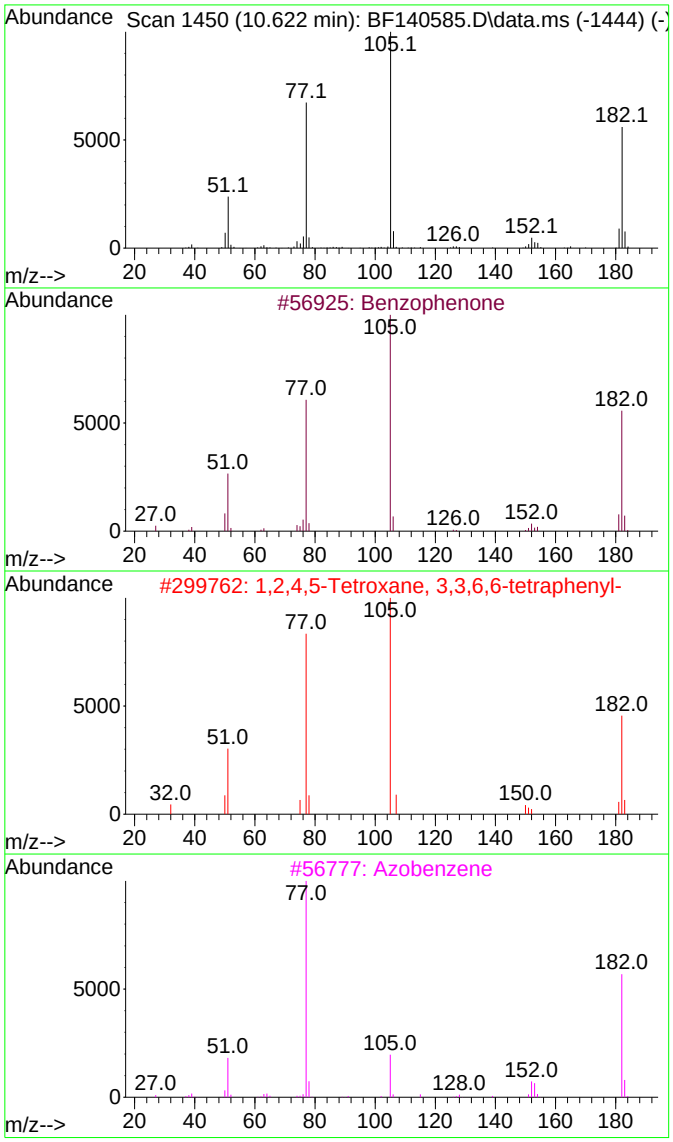
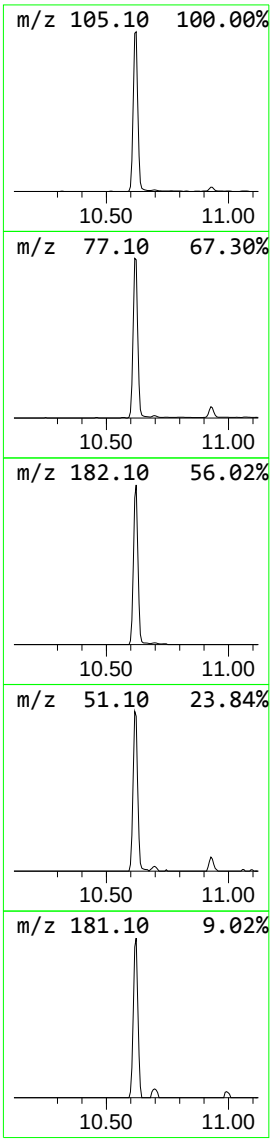
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	9.71 ng	321219	Acenaphthene-d10	9.904

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	58
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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Sample : P4822-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
SOIL-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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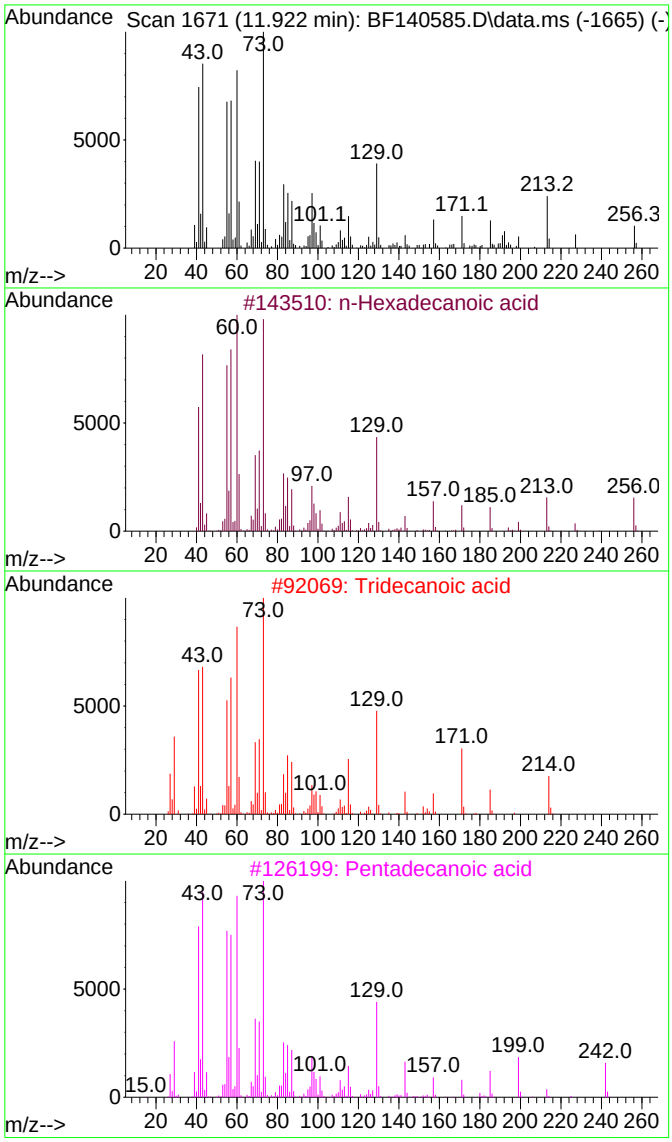
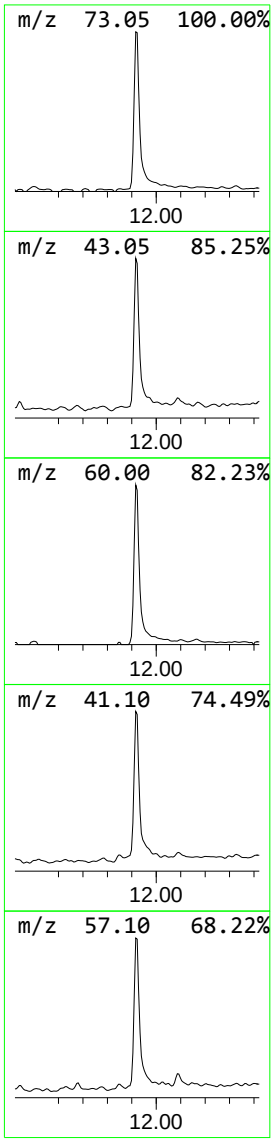
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	9.44 ng	308604	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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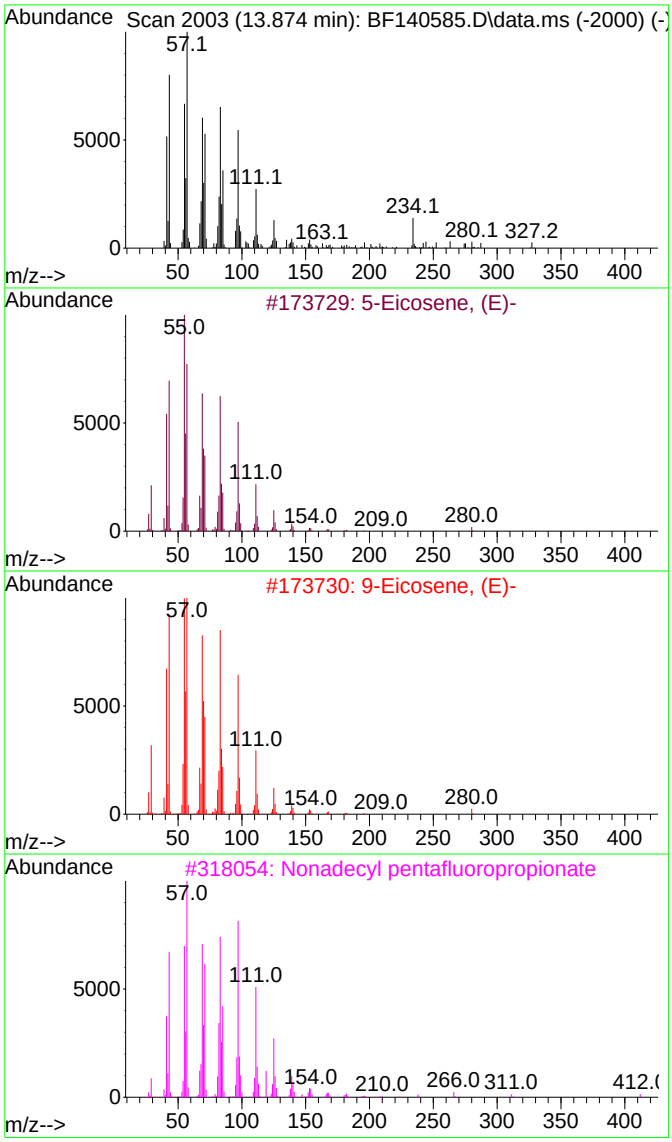
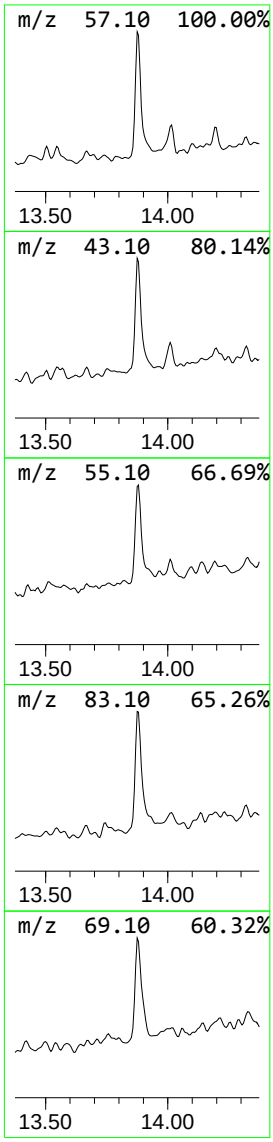
Peak Number 4 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.67 ng	140997	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5	1-Hexacosene	364	C26H52	018835-33-1	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.122	30.9	ng	828754	1	6.869	536580	20.0
Benzophenone	10.622	9.7	ng	321219	3	9.904	661578	20.0
n-Hexadecanoic ...	11.922	9.4	ng	308604	4	11.398	654167	20.0
5-Eicosene, (E)-	13.874	5.7	ng	140997	5	14.045	497293	20.0