LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
Data File : BF135549.D
Acq On : 03 Oct 2023 19:09
Operator : CG\JU
Sample : 04627-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-04

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	555	559	578	rBV	3078603	3191286	99.35%	12.199%
2	6.387	727	731	752	rBV	3182008	3169435	98.67%	12.116%
3	6.581	760	764	783	rBV	89807	141768	4.41%	0.542%
4	6.740	787	791	800	rBV	1004750	935962	29.14%	3.578%
5	7.304	882	887	898	rBV	2158712	2016825	62.79%	7.710%
6	8.016	1004	1008	1026	rVB	1411308	1240031	38.61%	4.740%
7	9.092	1186	1191	1195	rBV	3405755	3212074	100.00%	12.279%
8	9.216	1207	1212	1225	rVB	1442721	1376604	42.86%	5.262%
9	9.775	1303	1307	1310	rBV	1426028	1325336	41.26%	5.066%
10	9.992	1336	1344	1353	rBV4	18011	39110	1.22%	0.150%
11	10.569	1438	1442	1453	rBV	2084810	1980667	61.66%	7.572%
12	10.851	1486	1490	1498	rBV	32674	50797	1.58%	0.194%
13	11.263	1557	1560	1564	rBV	1589848	1375298	42.82%	5.257%
14	11.663	1624	1628	1631	rBV	51892	41917	1.30%	0.160%
15	11.798	1646	1651	1664	rBV	430899	571065	17.78%	2.183%
16	12.369	1741	1748	1751	rBV	130608	146398	4.56%	0.560%
17	12.516	1767	1773	1776	rBV5	27033	36512	1.14%	0.140%
18	12.586	1782	1785	1791	rBV2	95524	134898	4.20%	0.516%
19	12.863	1827	1832	1835	rBV	3134642	2995920	93.27%	11.453%
20	13.786	1983	1989	2001	rBV4	87900	273354	8.51%	1.045%
21	13.921	2008	2012	2018	rVB	1021869	890871	27.74%	3.406%
22	14.692	2141	2143	2149	rVB2	40327	44484	1.38%	0.170%
23	15.027	2197	2200	2204	rVB2	41894	45196	1.41%	0.173%
24	15.386	2256	2261	2270	rBV	653711	871504	27.13%	3.332%
25	15.833	2334	2337	2344	rVB2	36910	52040	1.62%	0.199%

Sum of corrected areas: 26159352

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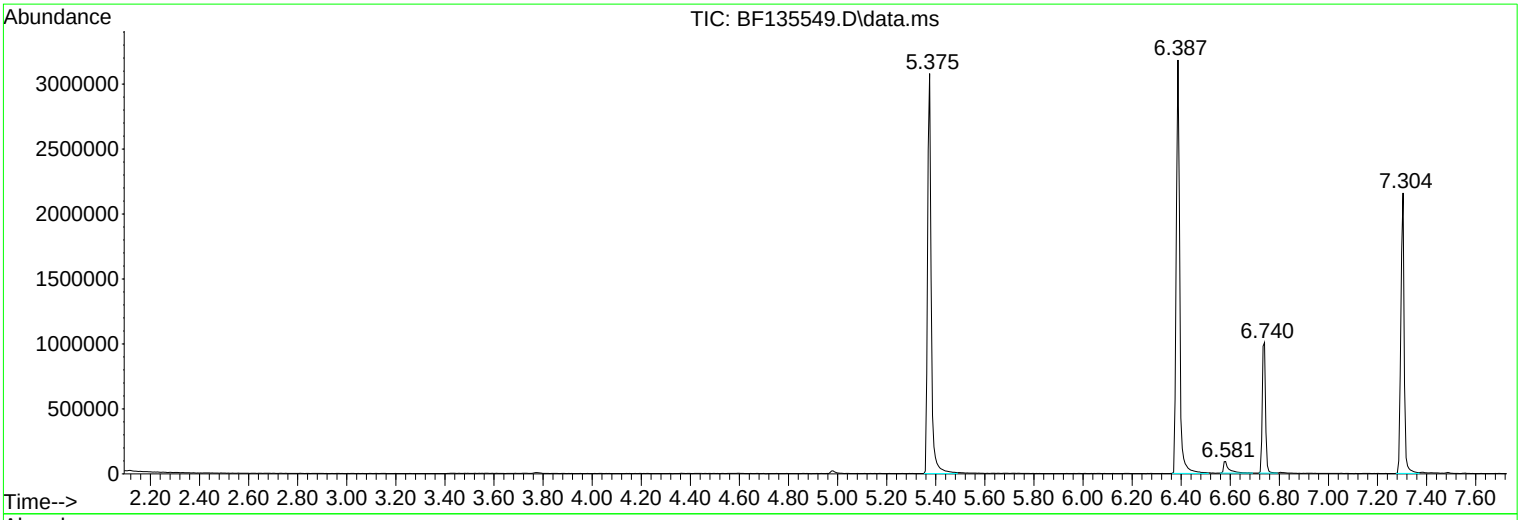
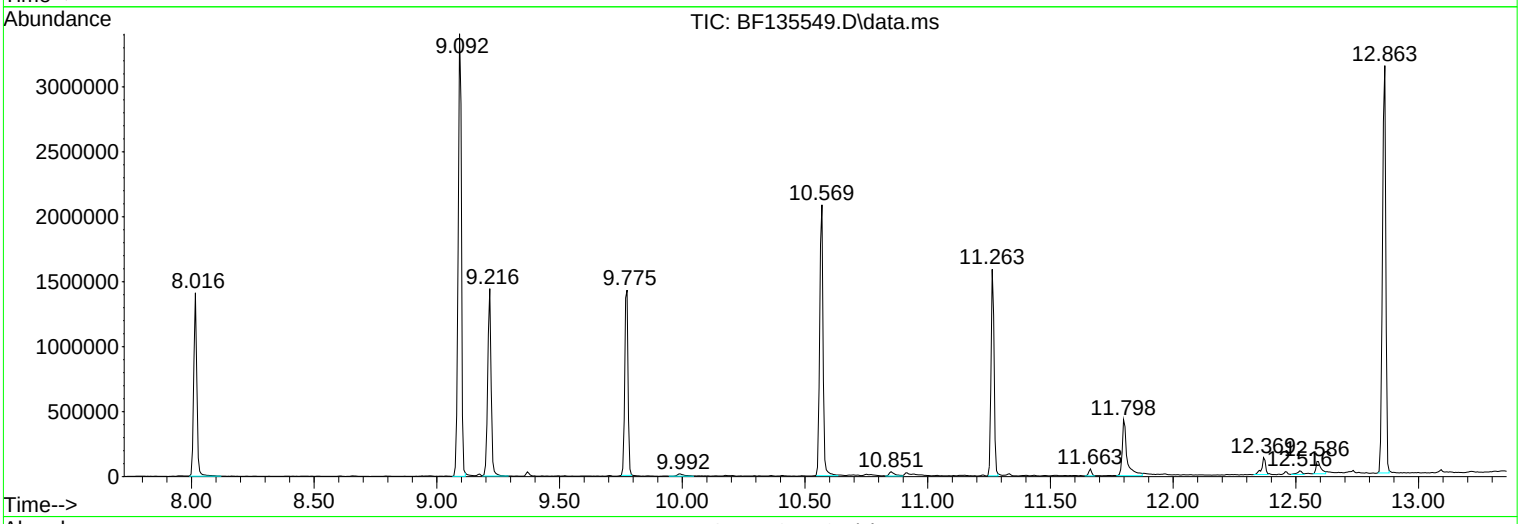
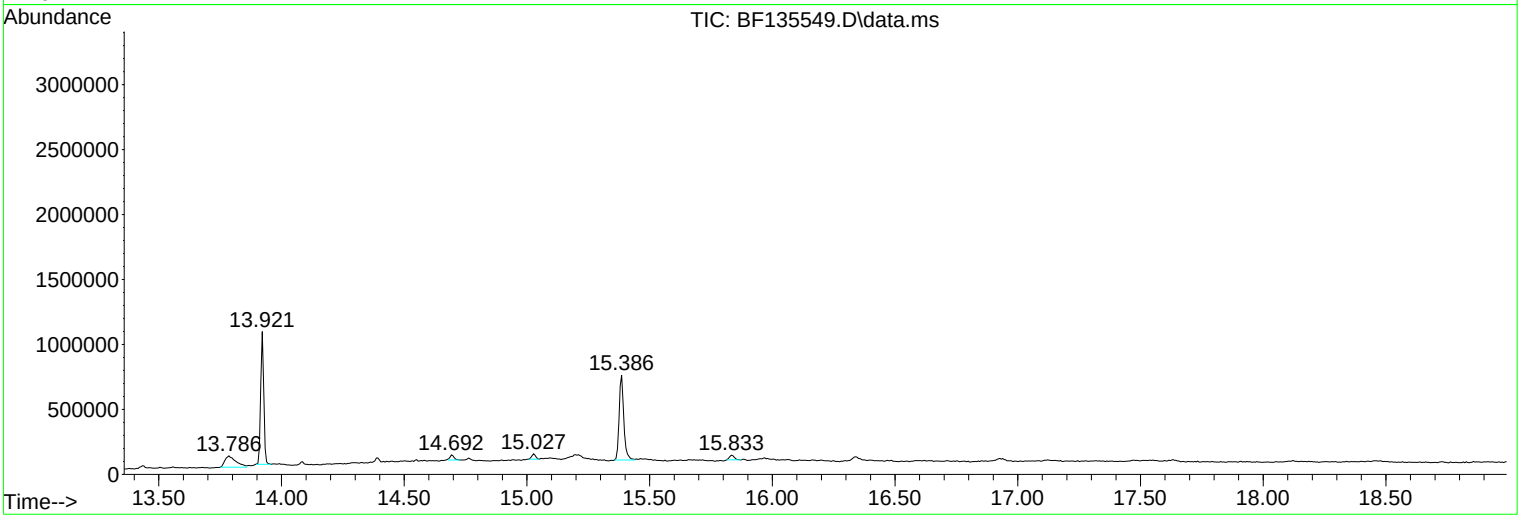
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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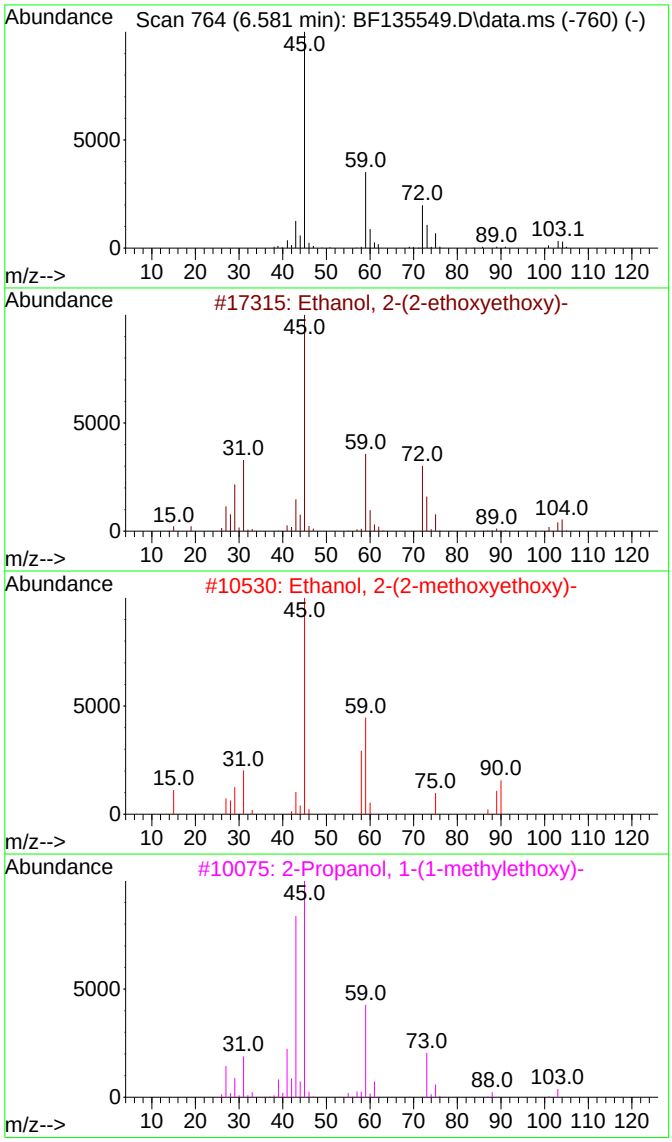
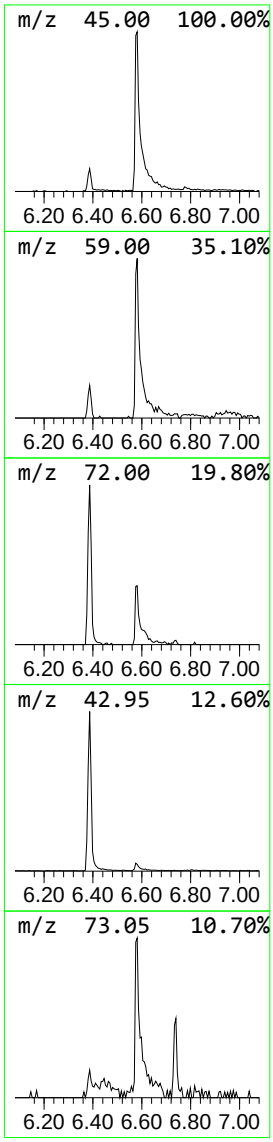
****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	3.03 ng	141768	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
5	Diethyl carbitol	162	C8H18O3	000112-36-7	38





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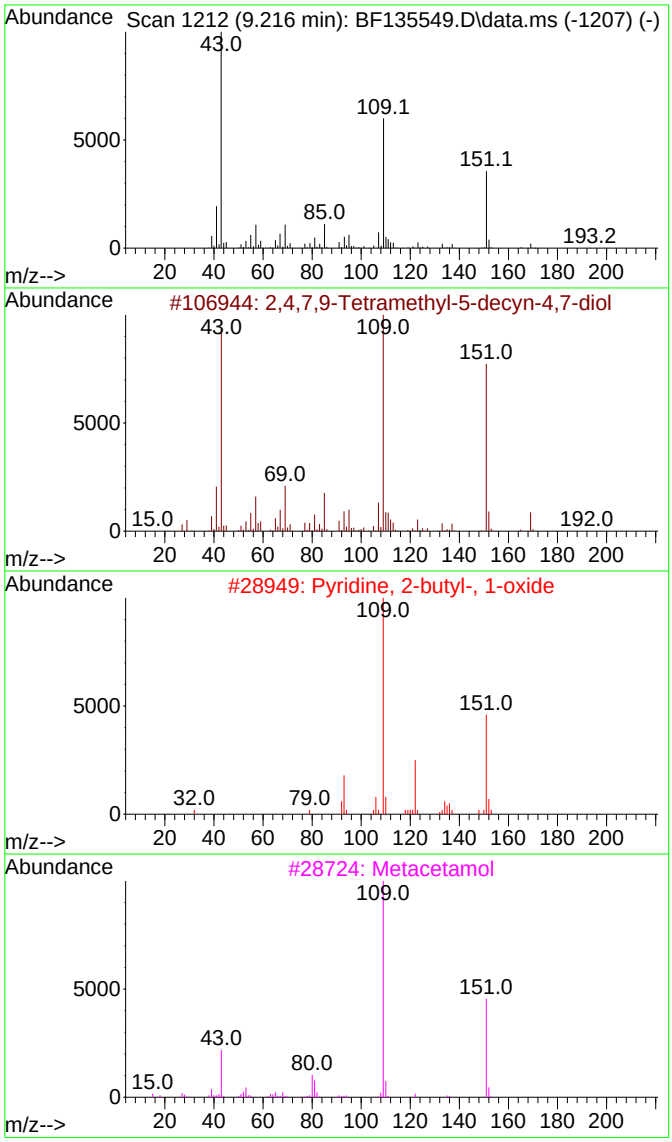
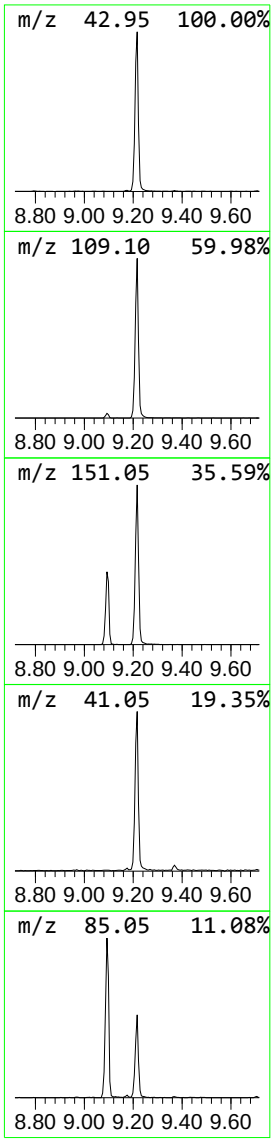
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	20.77 ng	1376600	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	49
4	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	43
5	benzenamine, 3-[(tetrahydro-2H-p...	193	C11H15NO2	1010400-28-1	38





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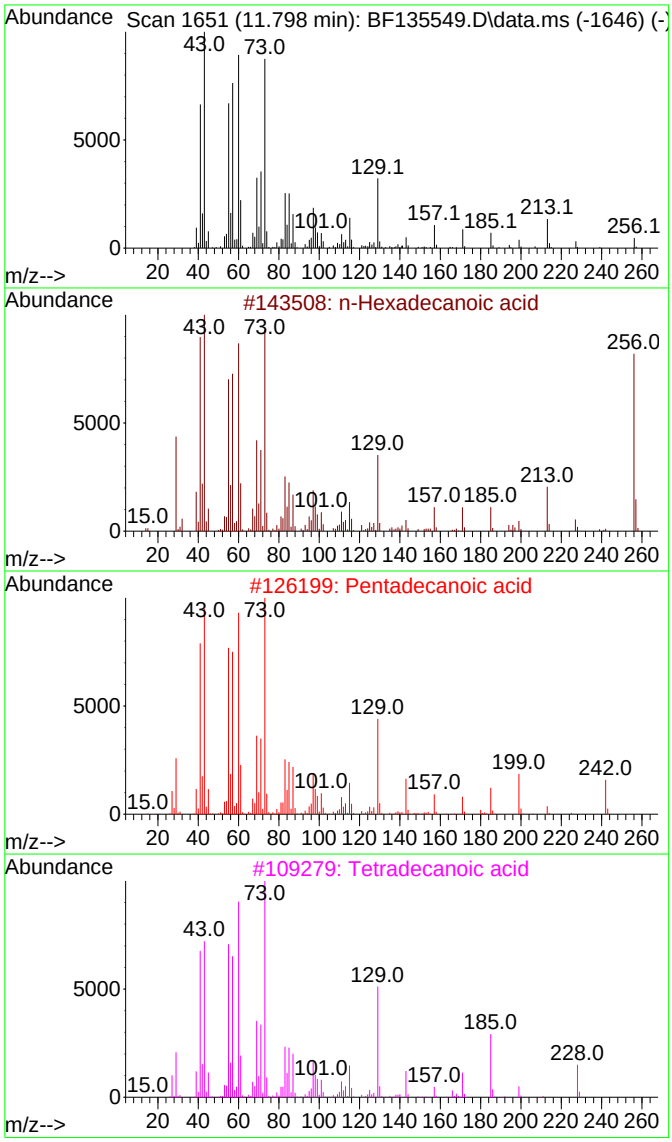
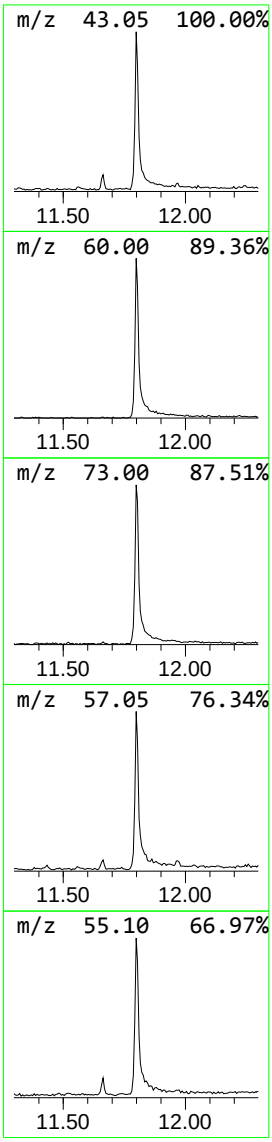
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	8.30 ng	571065	Phenanthrene-d10	11.263

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	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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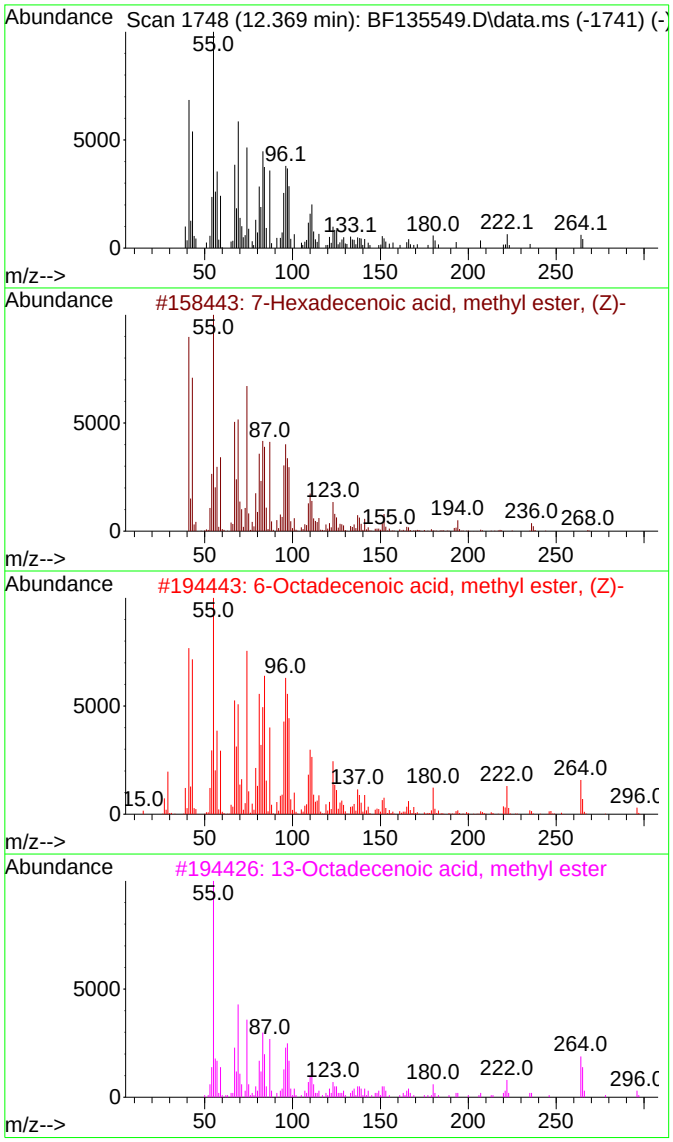
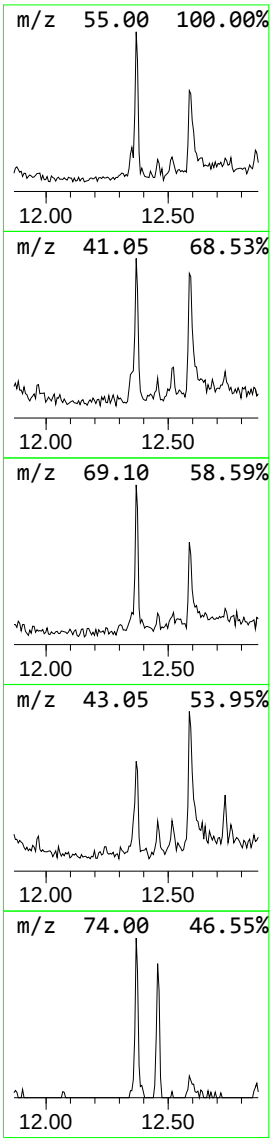
****
Peak Number 4 7-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	2.13 ng	146398	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	87
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	87
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	80
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	80





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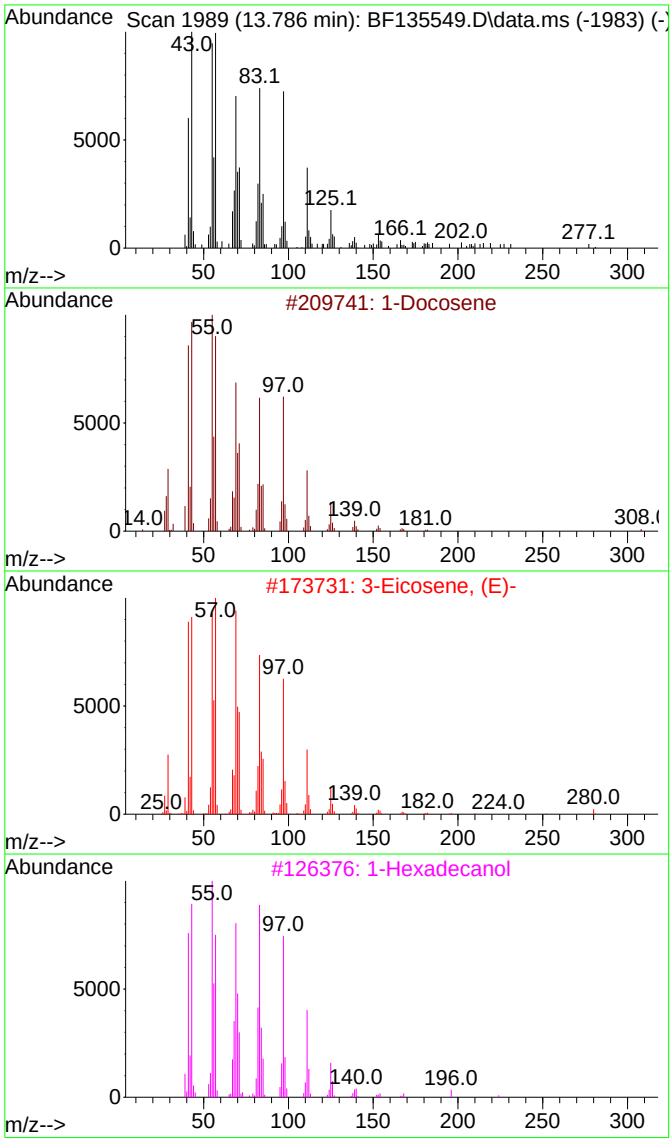
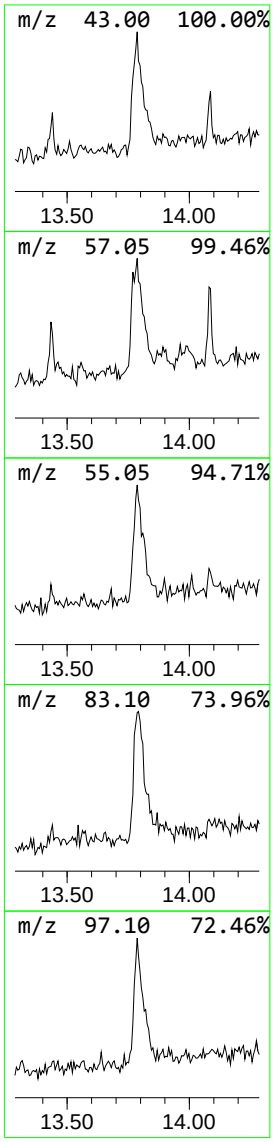
****

Peak Number 5 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	6.14 ng	273354	Chrysene-d12	13.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Cyclohexadecane	224	C16H32	000295-65-8	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.581	3.0	ng	141768	1	6.740	935962	20.0
2,4,7,9-Tetrame...	9.216	20.8	ng	1376600	3	9.775	1325340	20.0
n-Hexadecanoic ...	11.798	8.3	ng	571065	4	11.263	1375300	20.0
7-Hexadecenoic ...	12.369	2.1	ng	146398	4	11.263	1375300	20.0
1-Docosene	13.786	6.1	ng	273354	5	13.922	890871	20.0