LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126459.D
Acq On : 3 Jan 2022 16:51
Operator : JU/CG
Sample : M5245-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2-123-1-65-72

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126459.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	11	15	26	rVB	71858	94398	3.26%	0.510%
2	3.846	293	299	303	rBV	29463	41390	1.43%	0.224%
3	5.016	493	498	504	rVB	42867	55766	1.93%	0.301%
4	5.416	561	566	569	rBV	2906476	2891747	100.00%	15.628%
5	5.746	617	622	629	rVB	31212	32659	1.13%	0.176%
6	6.434	734	739	742	rBV	2711840	2719916	94.06%	14.699%
7	6.798	797	801	804	rBV	739183	591570	20.46%	3.197%
8	7.357	891	896	899	rBV	1891535	1811080	62.63%	9.788%
9	8.081	1015	1019	1022	rBV	879602	700533	24.23%	3.786%
10	9.157	1197	1202	1205	rBV	2814415	2466889	85.31%	13.332%
11	9.239	1213	1216	1222	rVB	38788	36235	1.25%	0.196%
12	9.833	1313	1317	1323	rVB	827697	672502	23.26%	3.634%
13	10.245	1383	1387	1390	rBV2	25506	31855	1.10%	0.172%
14	10.622	1447	1451	1454	rBV	1753115	1528931	52.87%	8.263%
15	11.316	1566	1569	1573	rBV	744926	706443	24.43%	3.818%
16	11.851	1657	1660	1664	rBV	135241	126823	4.39%	0.685%
17	12.633	1790	1793	1798	rBV2	41256	55195	1.91%	0.298%
18	12.910	1835	1840	1843	rBV	2530705	2461155	85.11%	13.301%
19	13.451	1928	1932	1936	rBV	88075	98682	3.41%	0.533%
20	13.692	1970	1973	1978	rBV4	26101	33258	1.15%	0.180%
21	13.804	1989	1992	2001	rBV	208877	335670	11.61%	1.814%
22	13.957	2014	2018	2023	rBV	630861	561043	19.40%	3.032%
23	14.127	2045	2047	2051	rBV4	27971	29386	1.02%	0.159%
24	15.398	2259	2263	2267	rBV	351254	420739	14.55%	2.274%

Sum of corrected areas: 18503865

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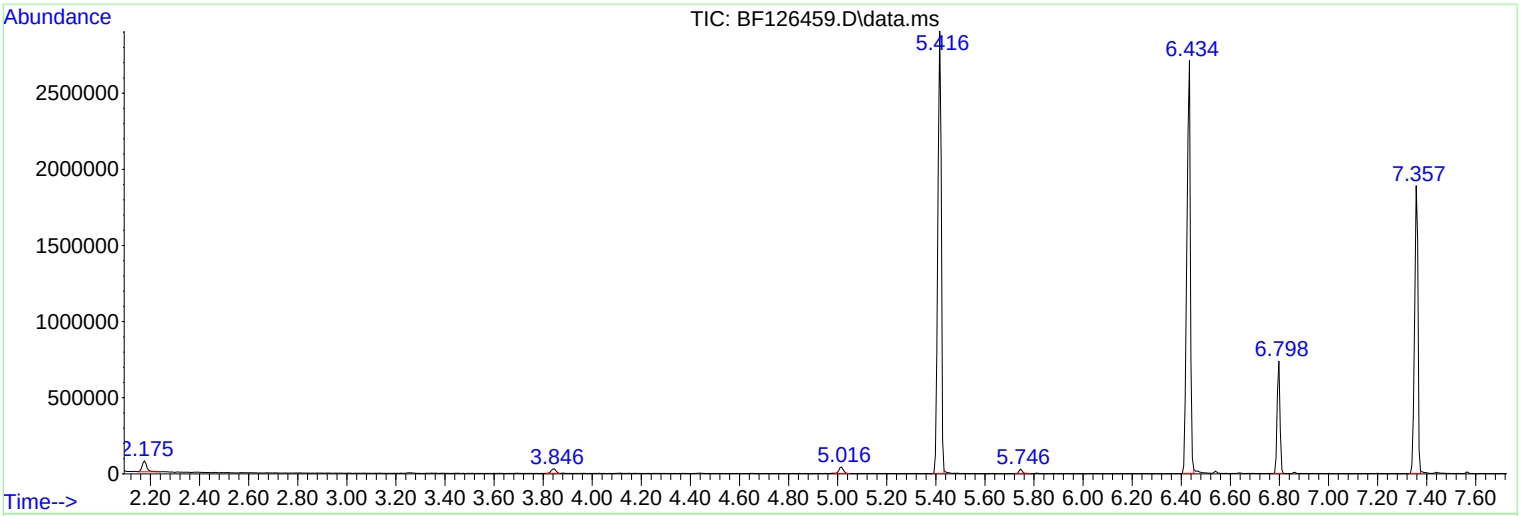
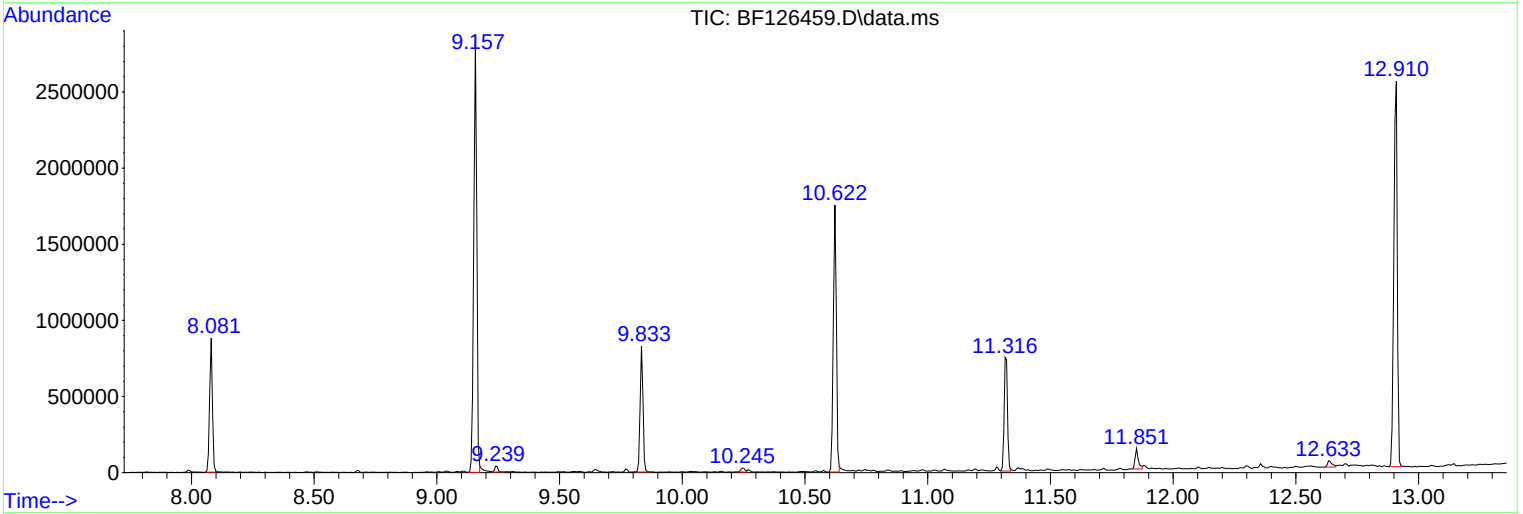
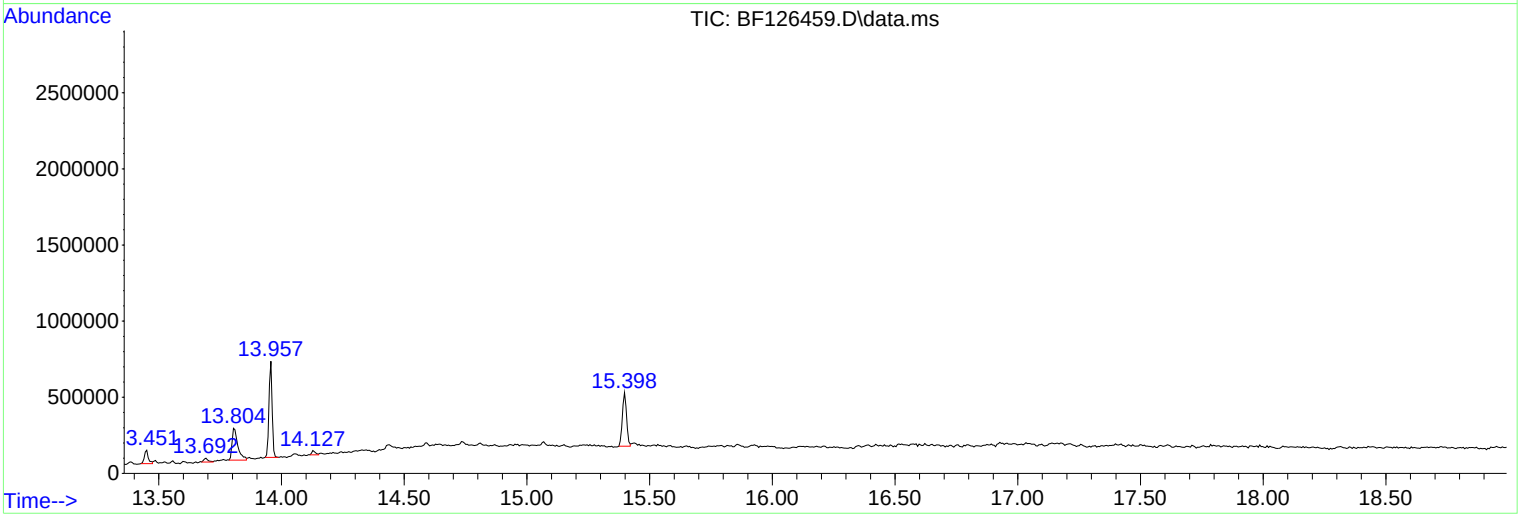
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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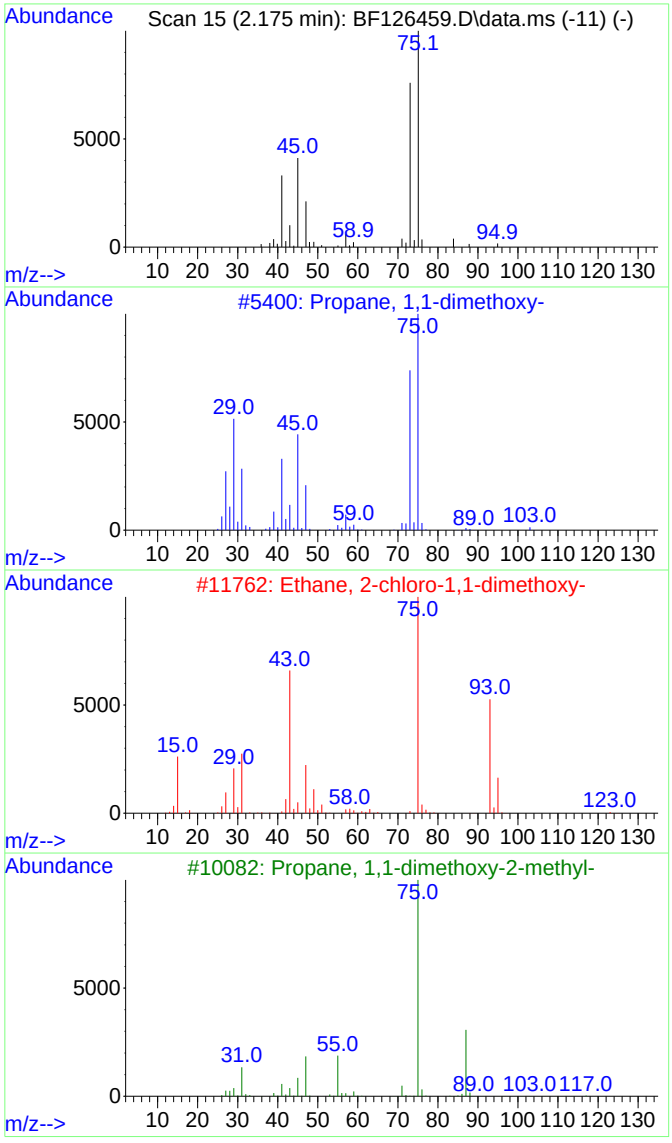
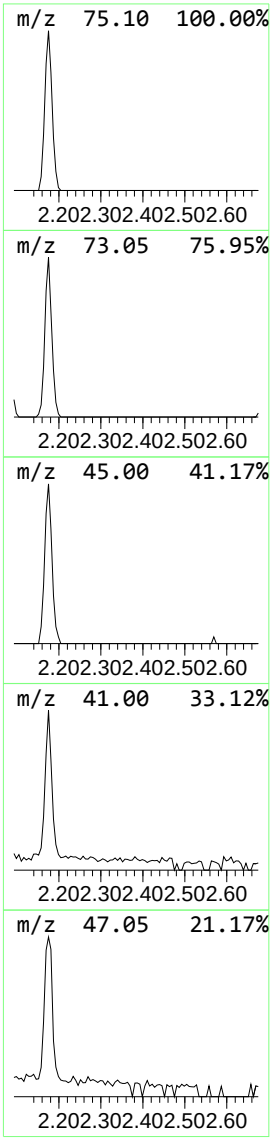
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	3.19 ng	94398	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	28
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9





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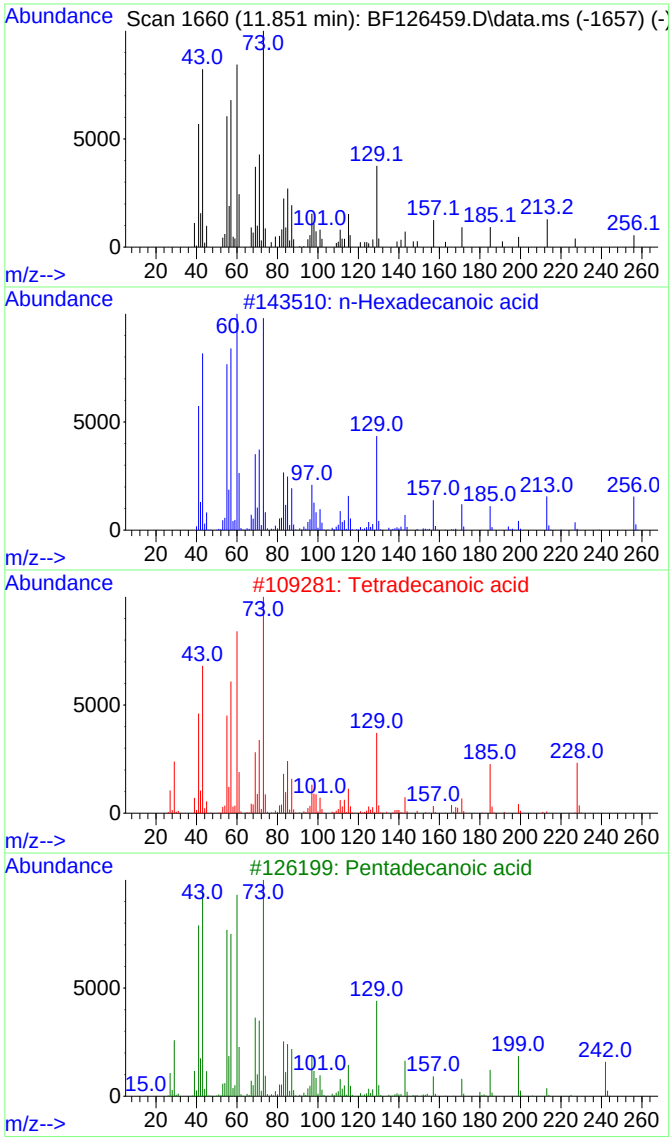
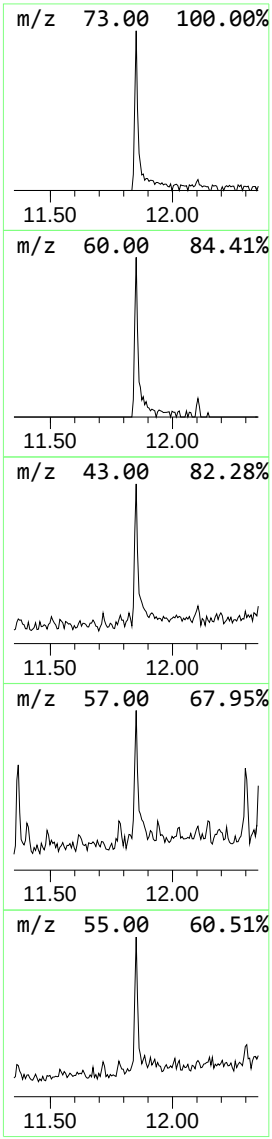
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.59 ng	126823	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	15





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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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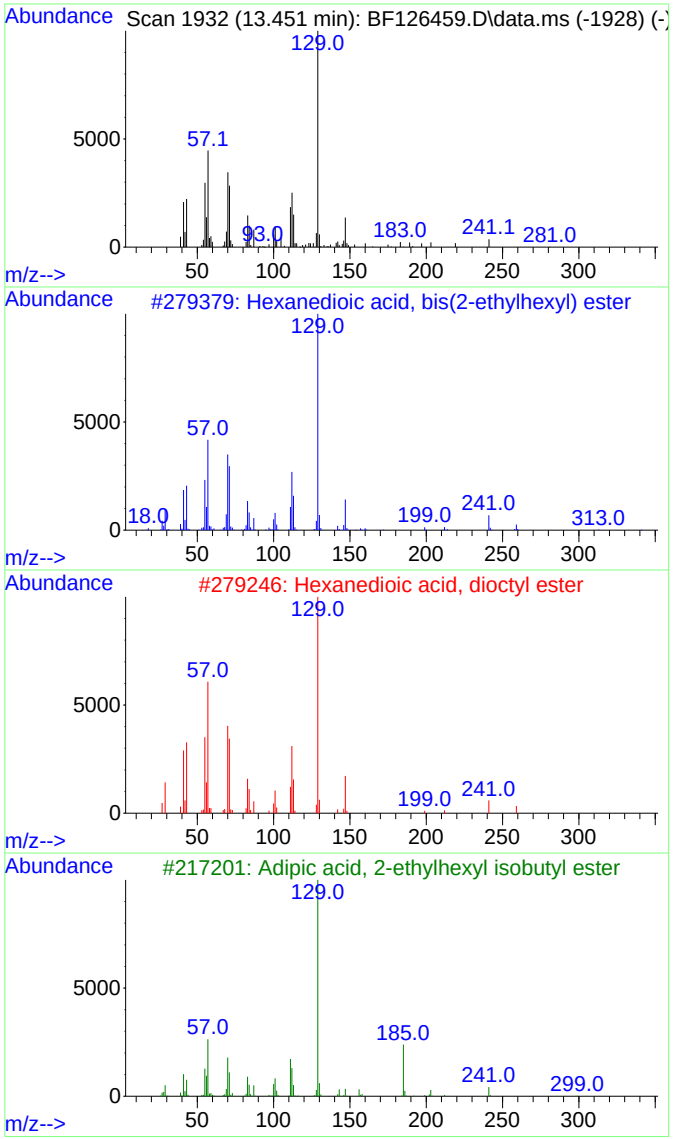
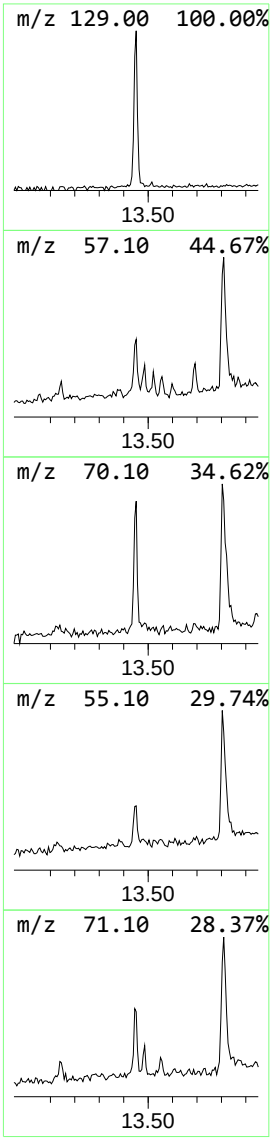
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	3.52 ng	98682	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	91
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	64
4	Adipic acid, isohexyl 3-pentyl e...	300	C17H32O4	1000324-60-7	47
5	Adipic acid, cyclohexyl isohexyl...	312	C18H32O4	1000324-26-1	47





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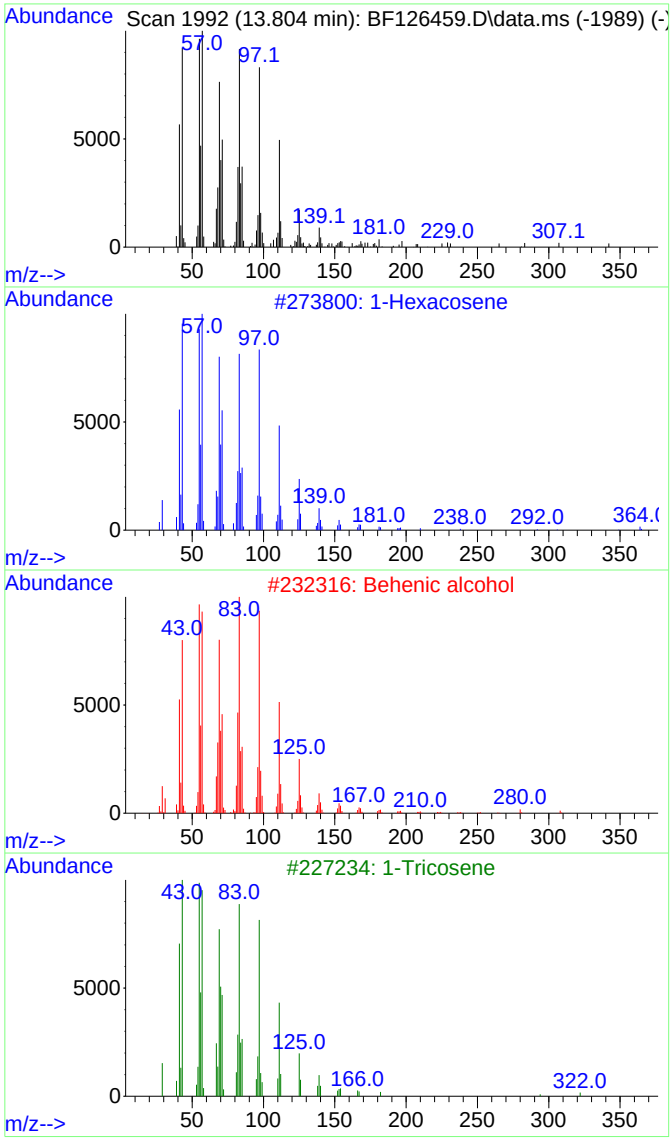
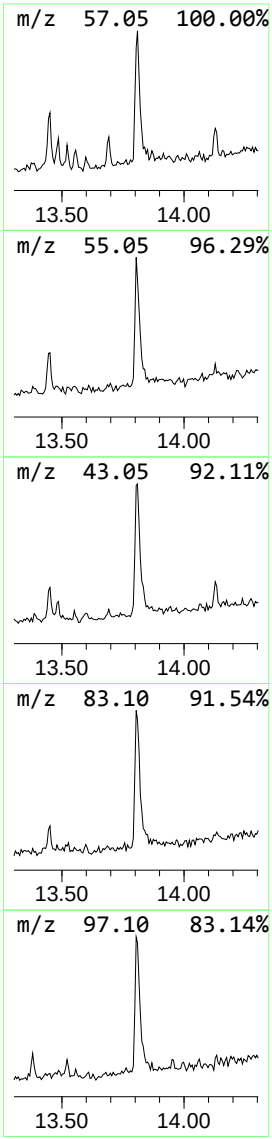
Peak Number 4 1-Hexacosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	11.97 ng	335670	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Tricosene	322	C23H46	018835-32-0	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	2.175	3.2	ng	94398	1	6.798	591570	20.0
n-Hexadecanoic ...	11.851	3.6	ng	126823	4	11.316	706443	20.0
Hexanedioic aci...	13.451	3.5	ng	98682	5	13.957	561043	20.0
1-Hexacosene	13.804	12.0	ng	335670	5	13.957	561043	20.0