LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124181.D
Acq On : 8 Jun 2021 15:34
Operator : JU/CG
Sample : M2613-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(86-90)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124181.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	6	13	rVB	579043	720058	47.69%	6.777%
2	5.493	574	579	582	rBV	1404490	1211117	80.22%	11.399%
3	6.504	746	751	754	rBV	1291142	1226742	81.26%	11.546%
4	6.857	808	811	815	rBV	288512	217814	14.43%	2.050%
5	7.422	902	907	910	rBV	877474	837222	55.46%	7.880%
6	8.045	1009	1013	1016	rBV	502750	415768	27.54%	3.913%
7	8.139	1025	1029	1033	rVB	352284	280621	18.59%	2.641%
8	9.216	1208	1212	1215	rBV	1642619	1475931	97.76%	13.891%
9	9.898	1324	1328	1331	rBV	401729	329633	21.83%	3.102%
10	10.692	1459	1463	1466	rBV	1297320	1165917	77.23%	10.974%
11	11.386	1577	1581	1584	rBV	444343	355708	23.56%	3.348%
12	11.775	1644	1647	1650	rBB	45429	31600	2.09%	0.297%
13	11.910	1667	1670	1678	rBV	127673	130792	8.66%	1.231%
14	12.698	1801	1804	1807	rBV	72732	62311	4.13%	0.586%
15	12.974	1846	1851	1854	rBV	1792138	1509719	100.00%	14.209%
16	13.892	1999	2007	2010	rBV5	28018	61309	4.06%	0.577%
17	14.027	2026	2030	2034	rVB	345031	300910	19.93%	2.832%
18	15.510	2275	2282	2289	rBV	205778	273891	18.14%	2.578%
19	15.974	2355	2361	2364	rBV5	12304	17776	1.18%	0.167%

Sum of corrected areas: 10624839

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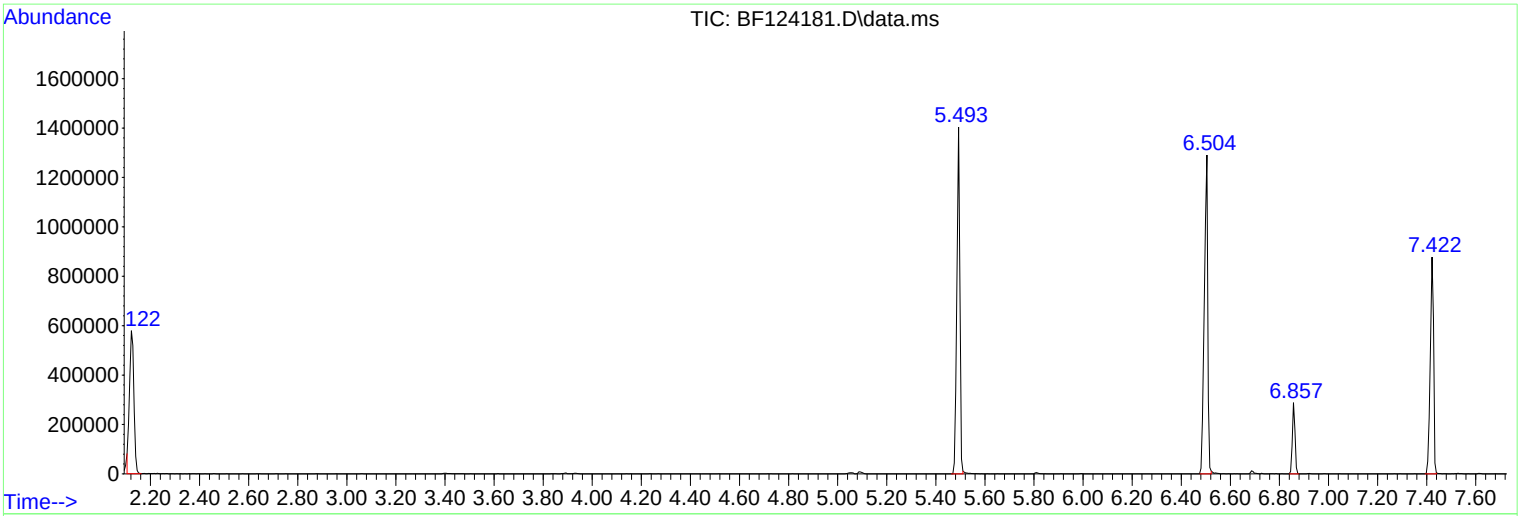
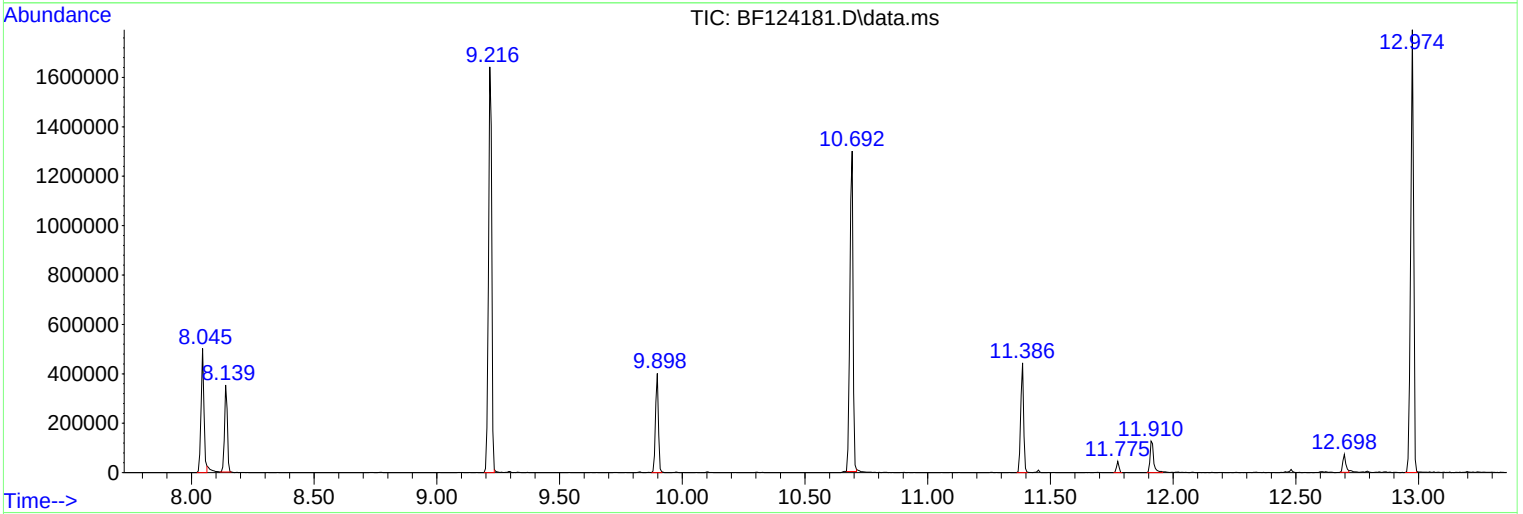
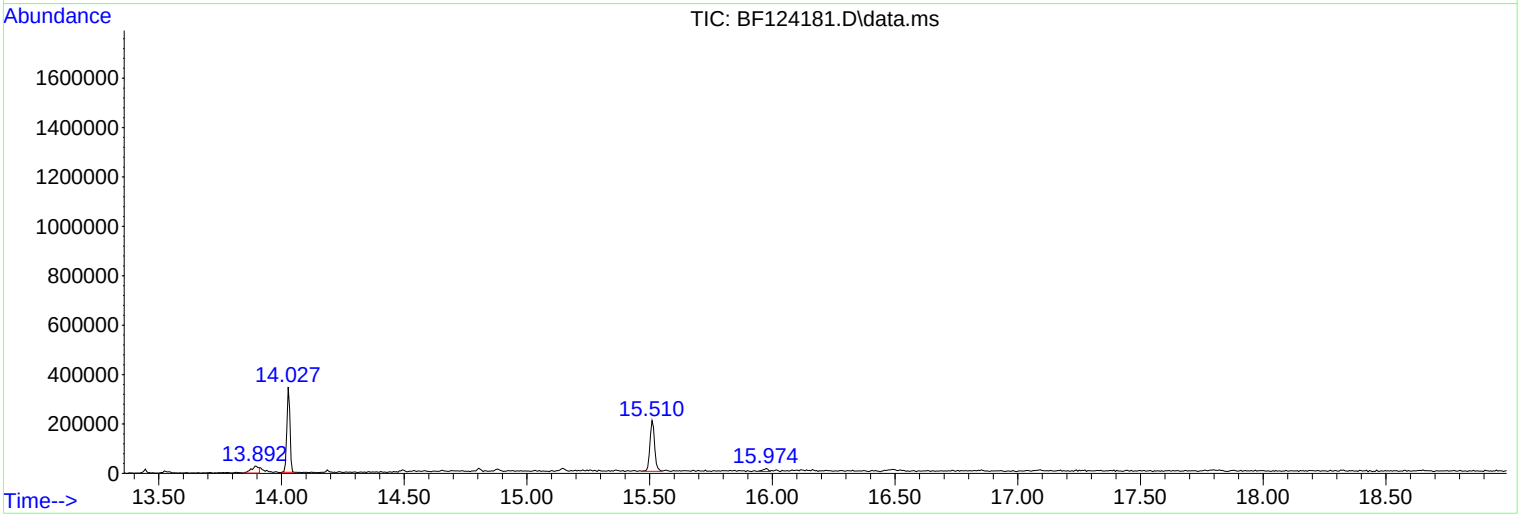
ClientSampleId :
18-B12(86-90)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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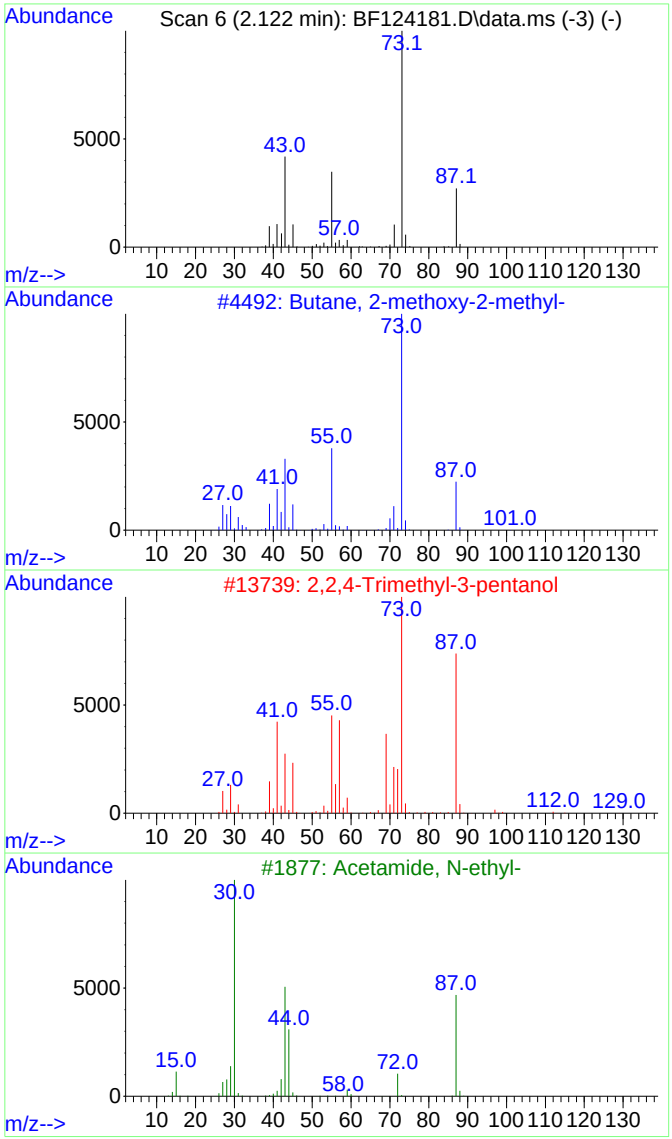
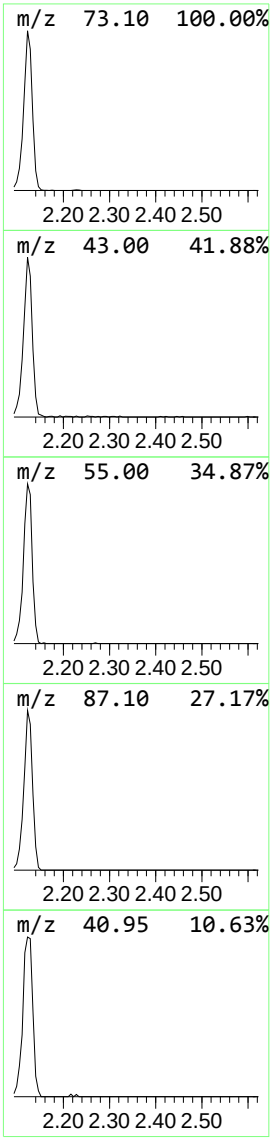
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	66.12 ng	720058	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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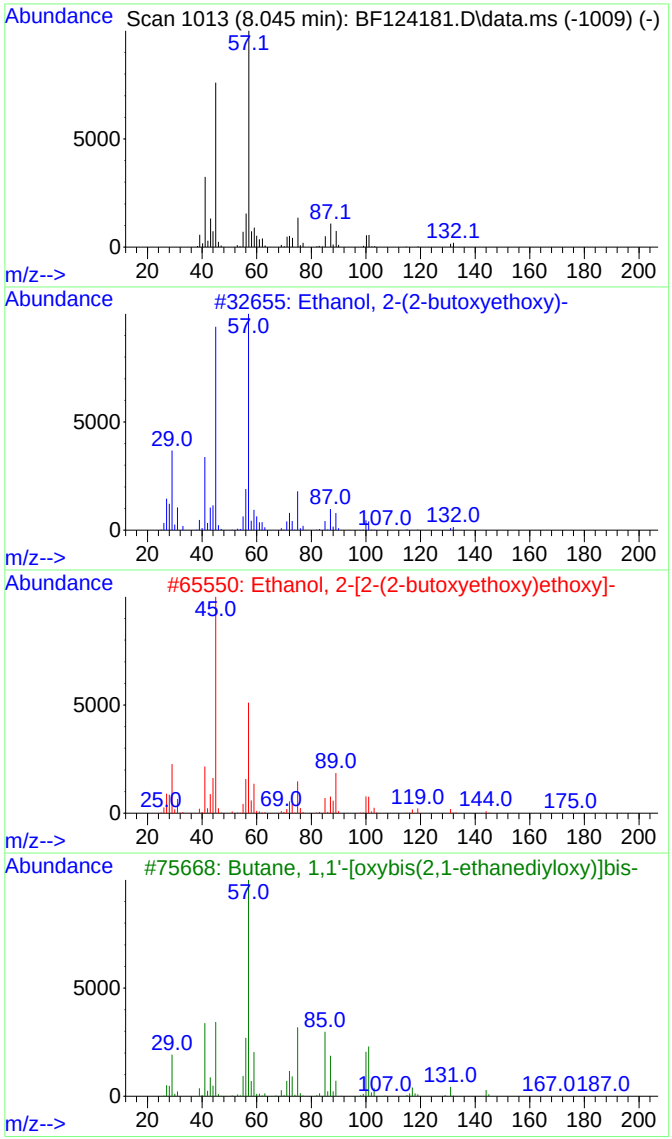
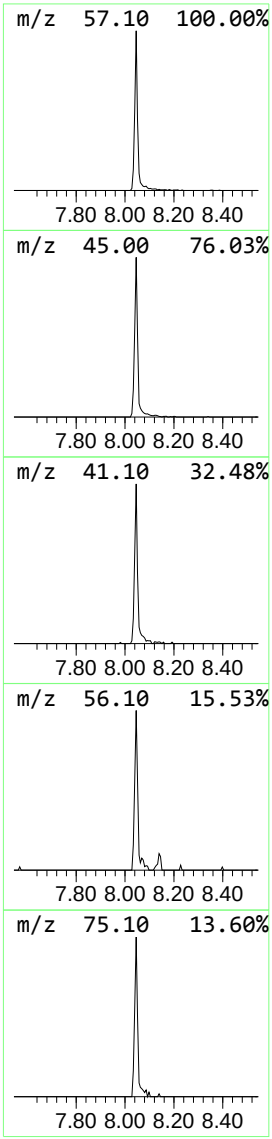
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	29.63 ng	415768	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	72
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53





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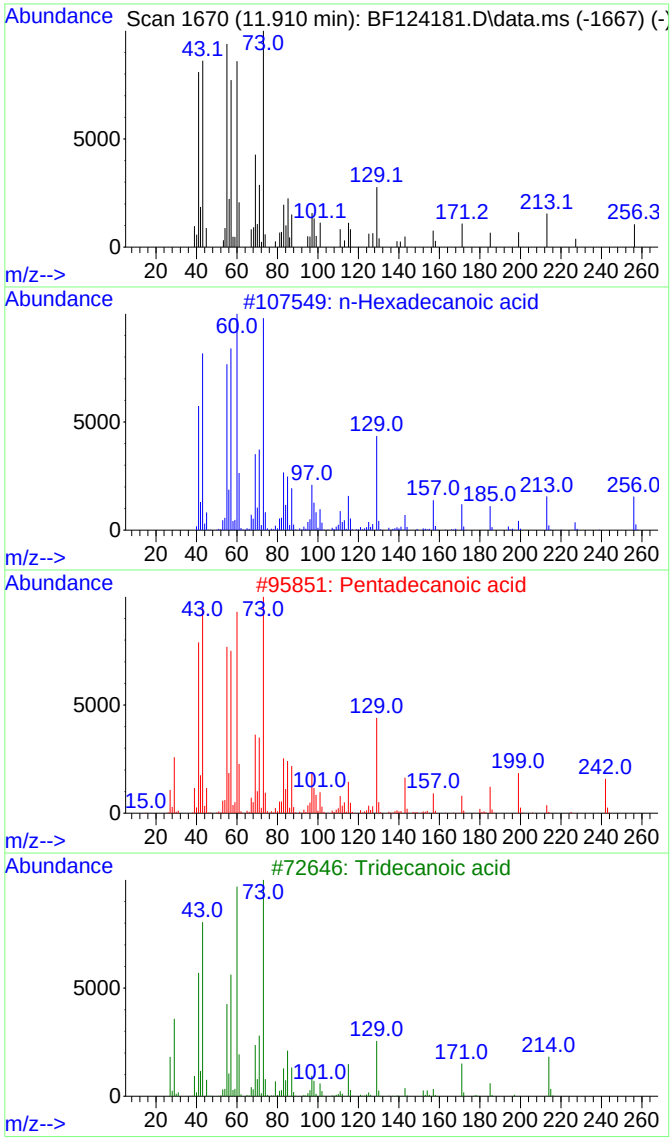
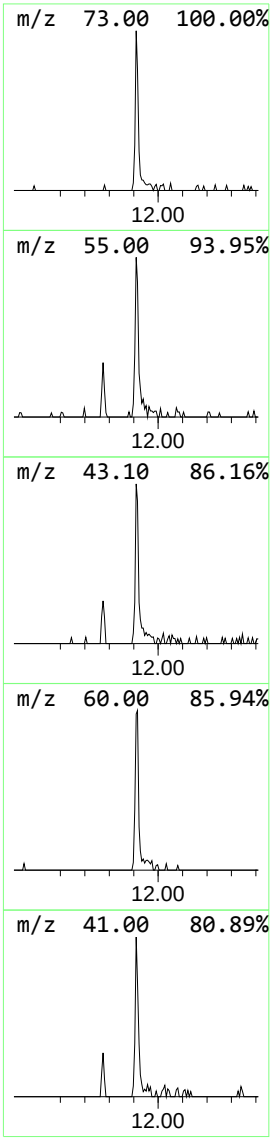
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	7.35 ng	130792	Phenanthrene-d10	11.386

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	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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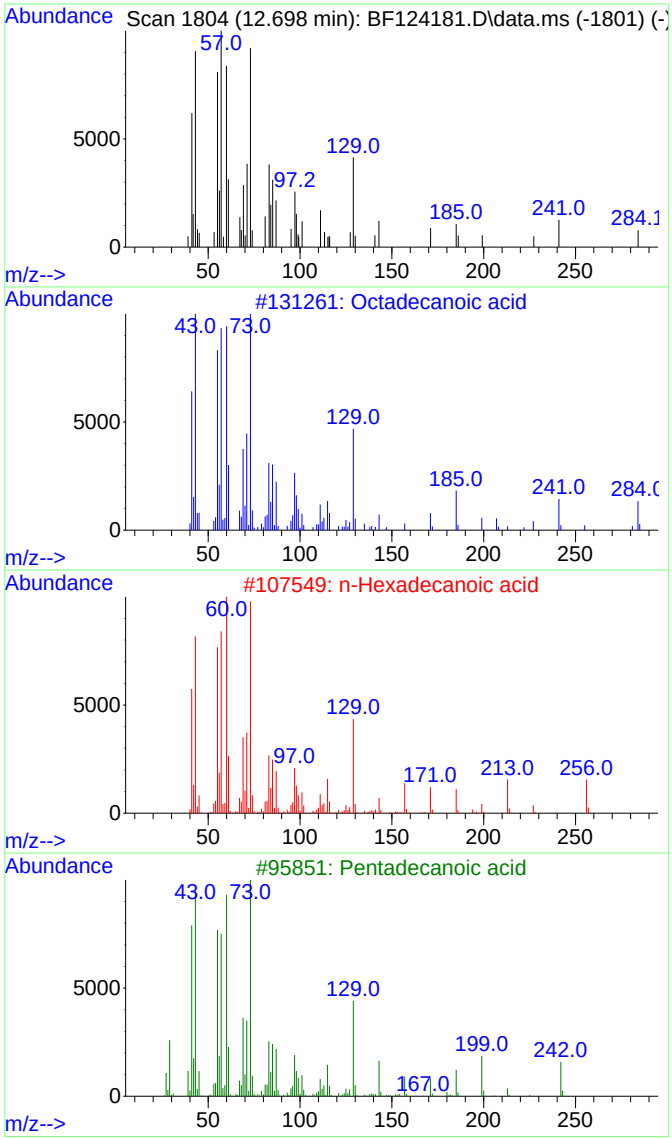
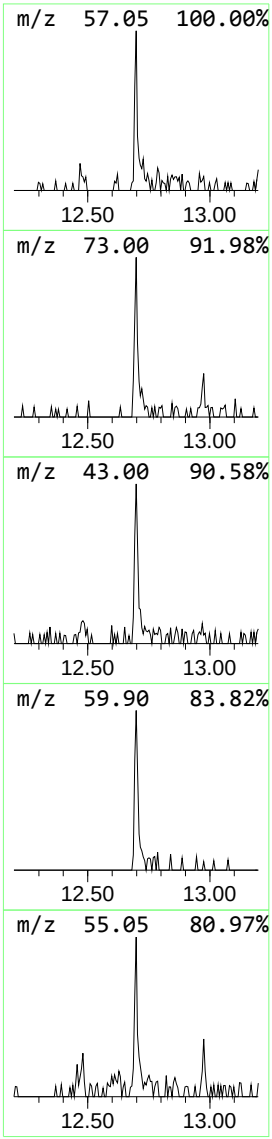
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	3.50 ng	62311	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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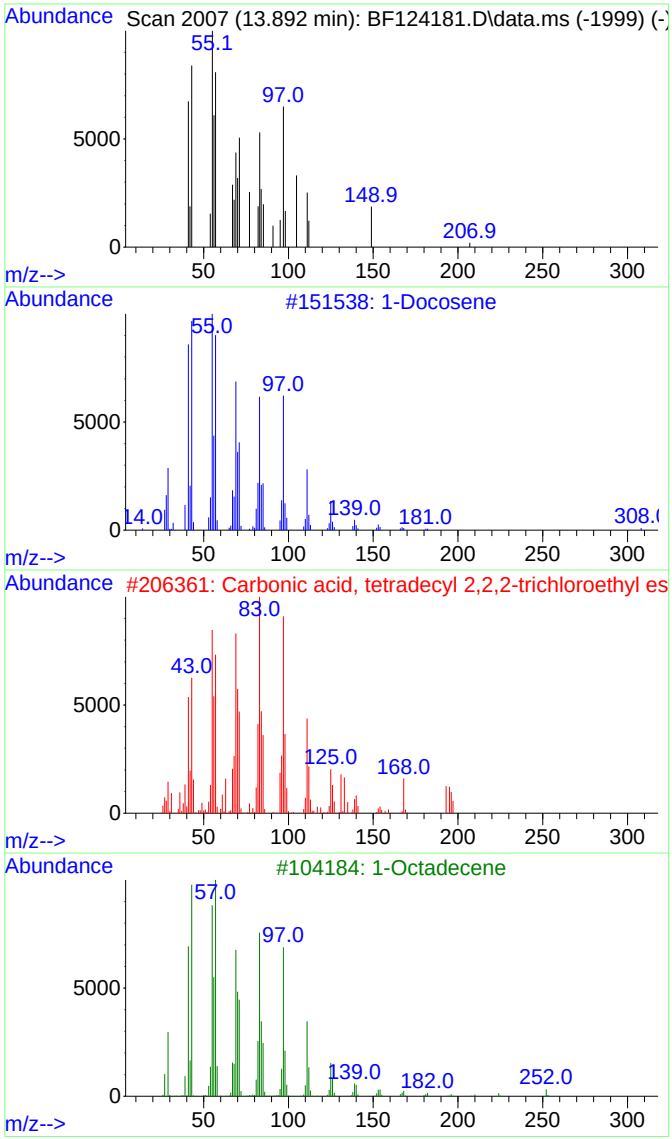
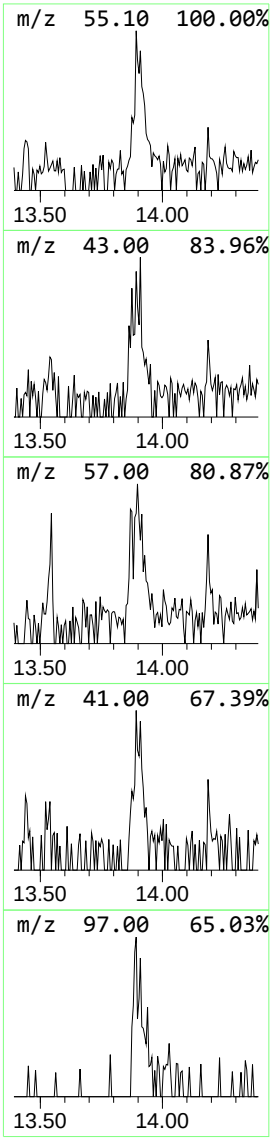
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	4.07 ng	61309	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	74
2	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	58
3	1-Octadecene	252	C18H36	000112-88-9	58
4	1-Heptadecene	238	C17H34	006765-39-5	58
5	1-Nonadecene	266	C19H38	018435-45-5	58





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	66.1	ng	720058	1	6.857	217814	20.0
Ethanol, 2-(2-b...	8.045	29.6	ng	415768	2	8.139	280621	20.0
n-Hexadecanoic ...	11.910	7.3	ng	130792	4	11.386	355708	20.0
Octadecanoic acid	12.698	3.5	ng	62311	4	11.386	355708	20.0
1-Docosene	13.892	4.1	ng	61309	5	14.027	300910	20.0