LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
Data File : BF124264.D
Acq On : 11 Jun 2021 16:55
Operator : JU/CG
Sample : M2625-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(166-170)

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: BF124264.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	12	18	22	rBV	20001	26991	2.04%	0.320%
2	5.057	501	505	513	rBV	82672	100917	7.65%	1.196%
3	5.469	571	575	586	rBV	1188853	1039288	78.74%	12.316%
4	5.851	637	640	644	rBB	20006	17115	1.30%	0.203%
5	6.487	743	748	751	rBV	1015724	1039958	78.79%	12.324%
6	6.839	805	808	812	rBB	284135	210716	15.96%	2.497%
7	7.404	899	904	907	rBV	826665	704973	53.41%	8.354%
8	8.022	1006	1009	1018	rBV	69289	74132	5.62%	0.879%
9	8.122	1023	1026	1029	rBV	324015	252669	19.14%	2.994%
10	9.198	1205	1209	1212	rBV	1608647	1319889	100.00%	15.642%
11	9.880	1321	1325	1328	rBV	378634	319118	24.18%	3.782%
12	10.669	1455	1459	1463	rBV	1057955	1014427	76.86%	12.022%
13	11.369	1574	1578	1581	rBV	399040	339381	25.71%	4.022%
14	11.892	1664	1667	1672	rBV2	71452	59337	4.50%	0.703%
15	12.957	1843	1848	1851	rBV	1606542	1305935	98.94%	15.476%
16	13.863	1995	2002	2015	rBV4	49435	131302	9.95%	1.556%
17	14.010	2024	2027	2032	rVB	286503	239947	18.18%	2.844%
18	15.486	2273	2278	2284	rBV2	178926	242164	18.35%	2.870%

Sum of corrected areas: 8438259

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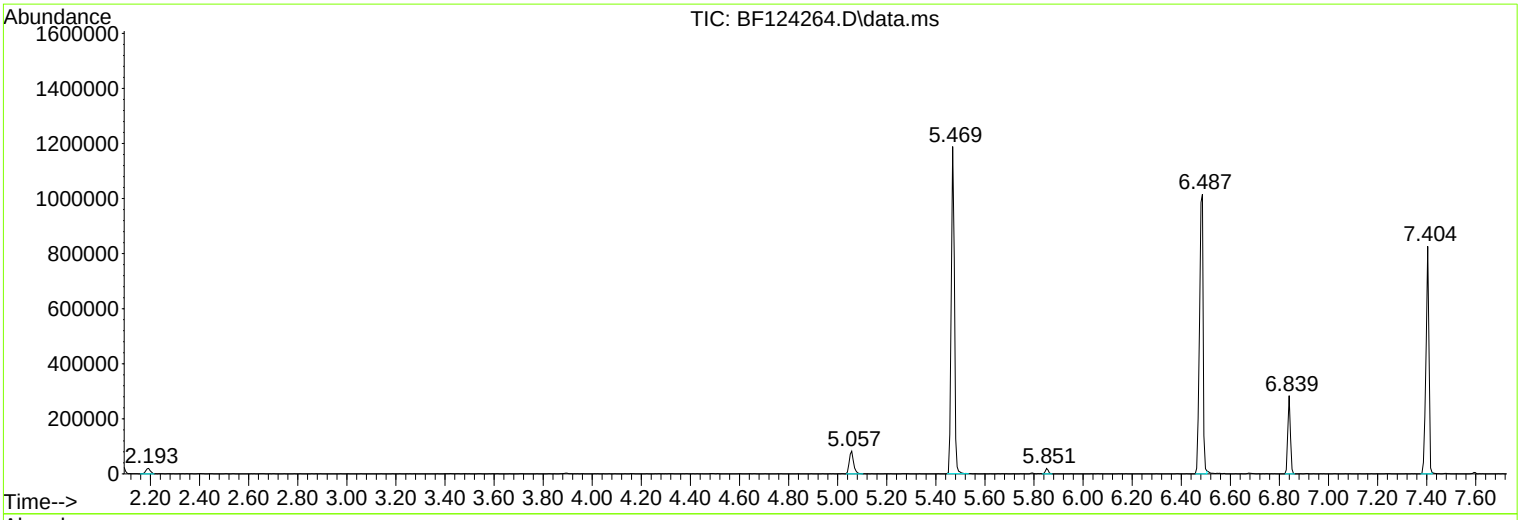
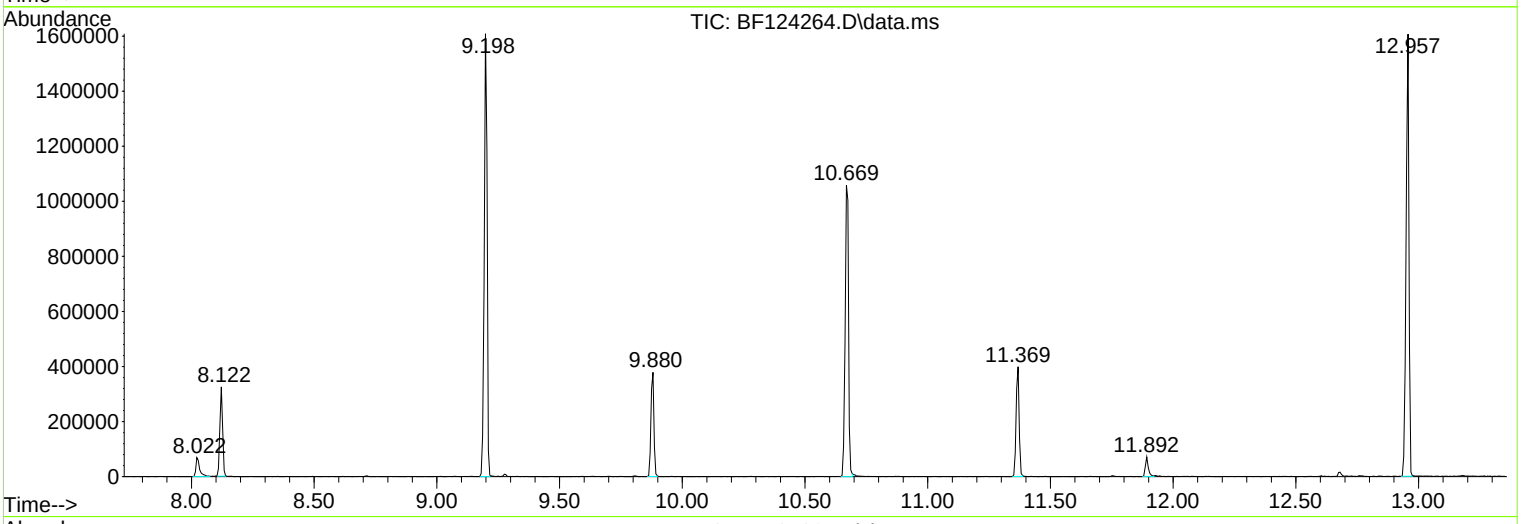
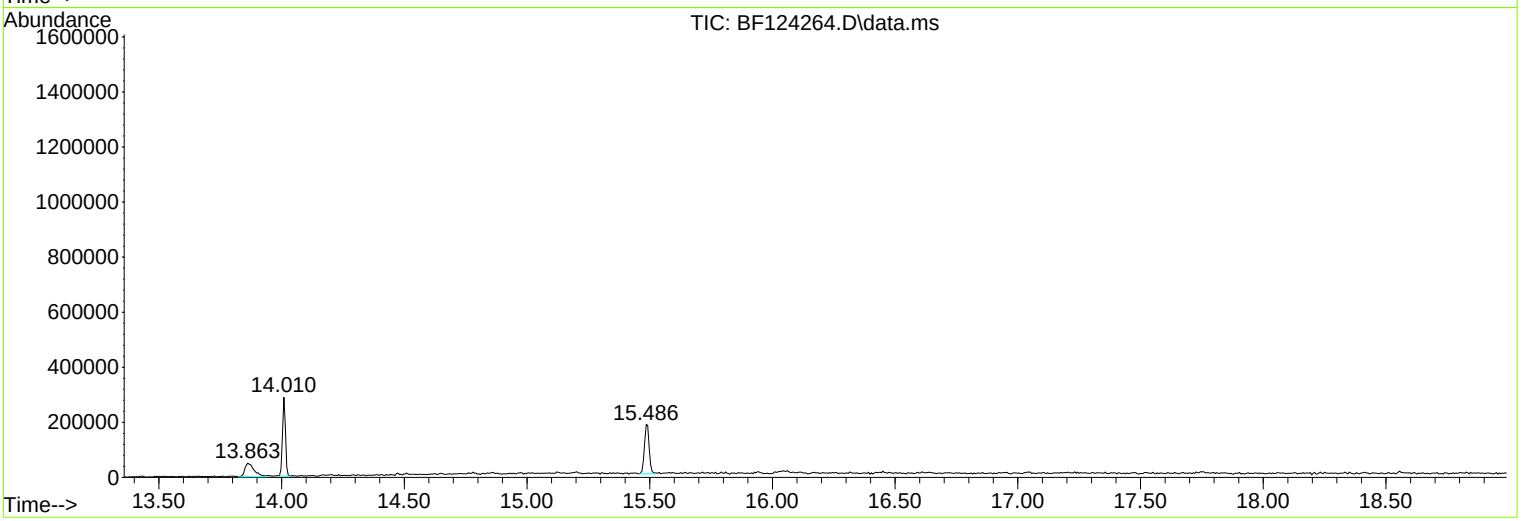
BNA_F
ClientSampleId :
18-B12(166-170)

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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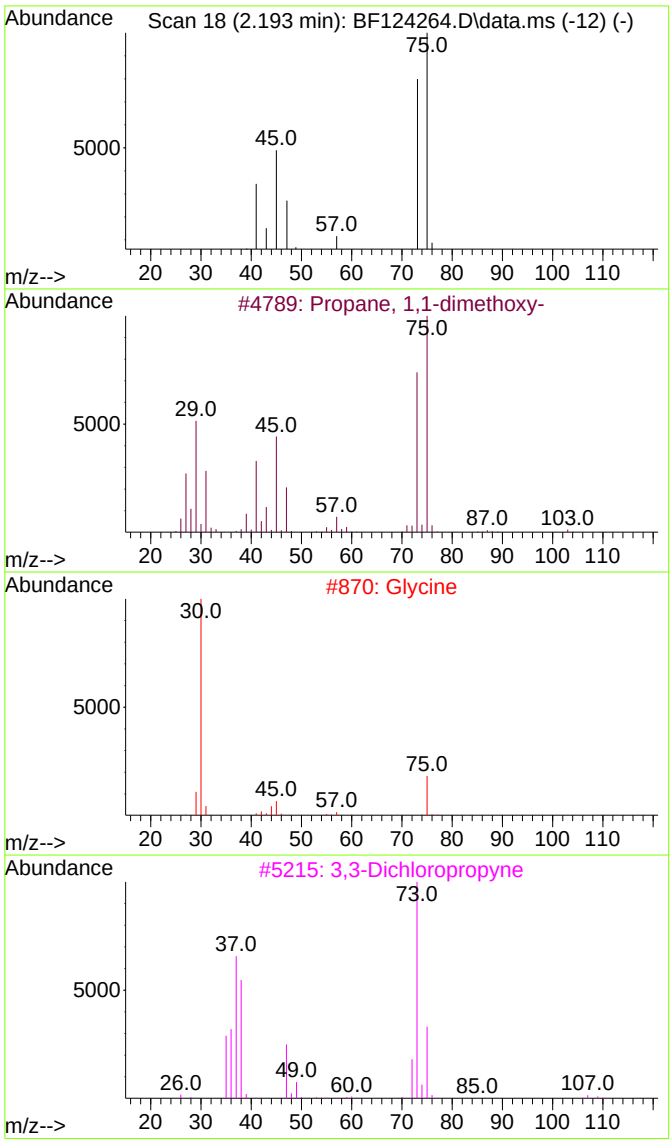
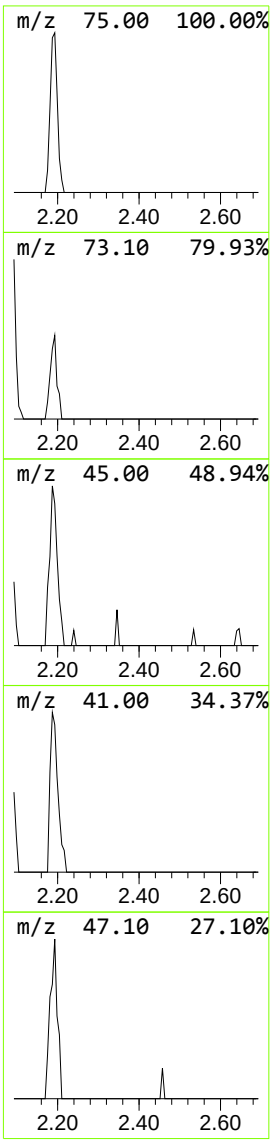
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	2.56 ng	26991	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Glycine	75	C2H5NO2	000056-40-6	4
3	3,3-Dichloropropyne	108	C3H2Cl2	025523-14-2	4
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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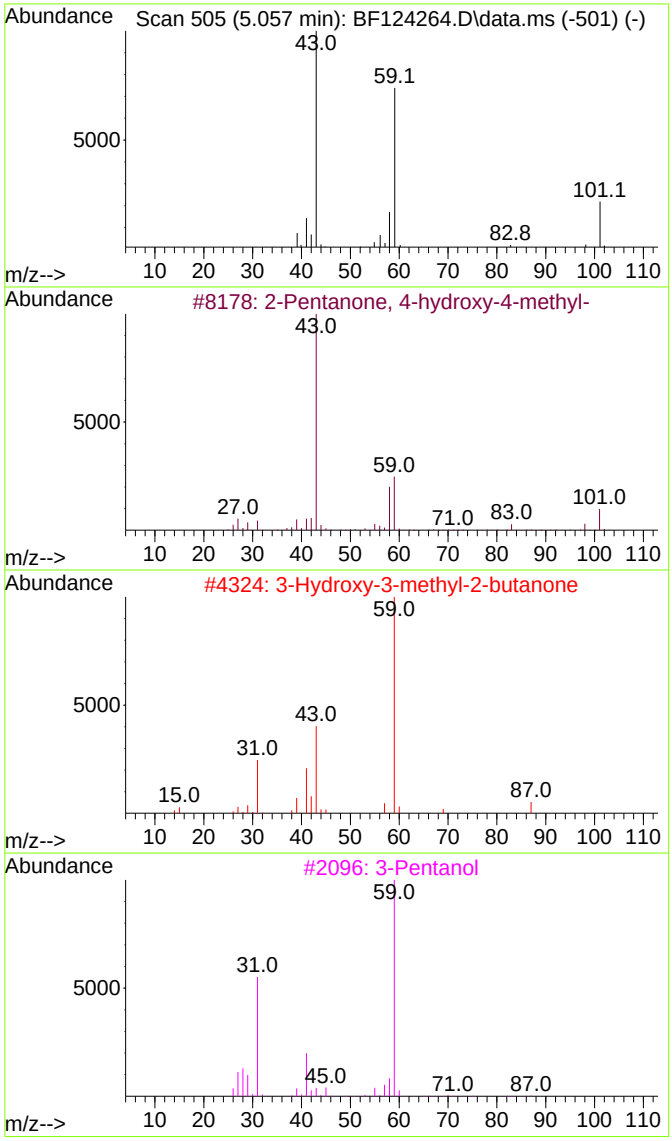
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

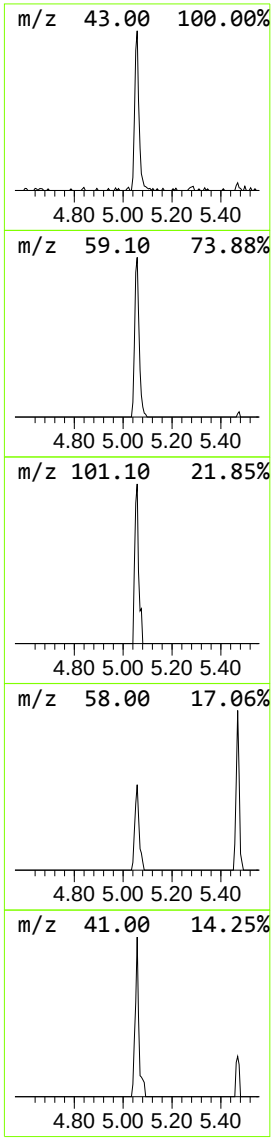
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	9.58 ng	100917	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3	3-Pentanol	88	C5H12O	000584-02-1	28
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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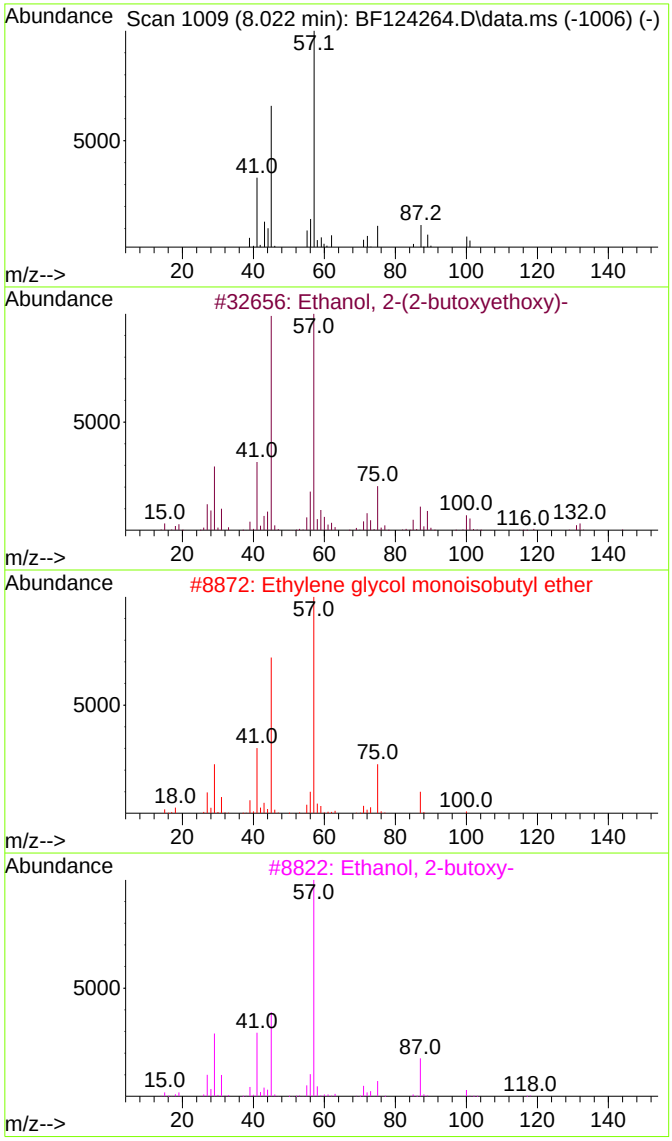
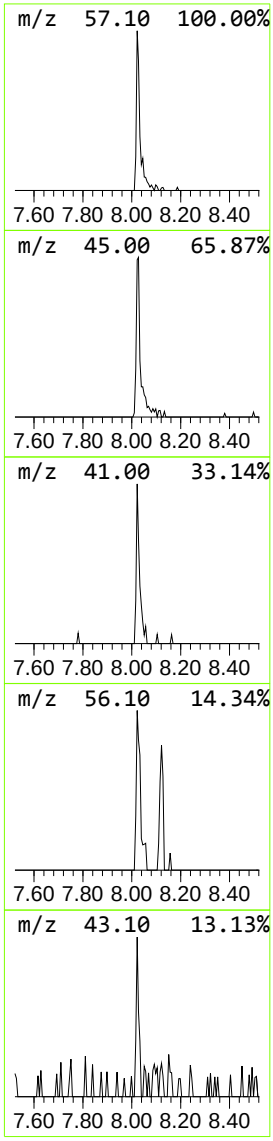
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	5.87 ng	74132	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	45
4	Ethylene glycol diglycidyl ether	174	C8H14O4	002224-15-9	42
5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	42





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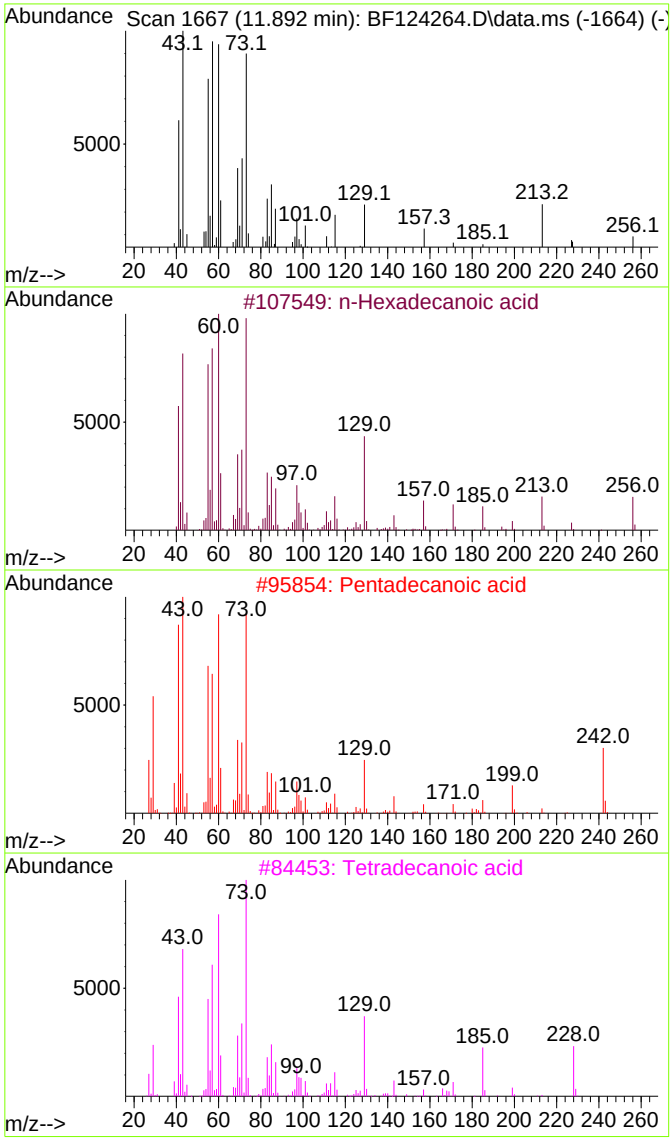
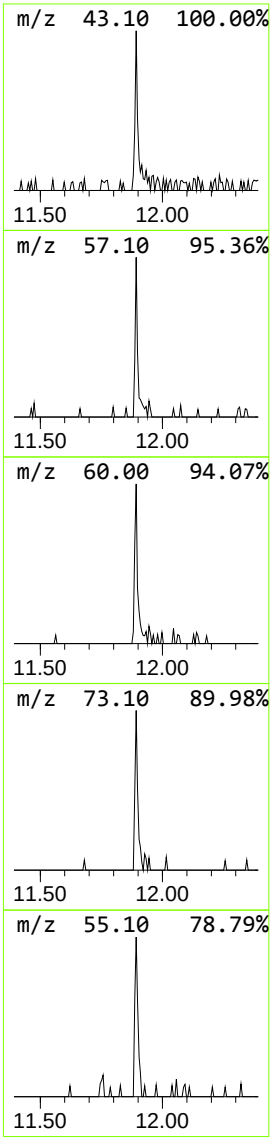
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.50 ng	59337	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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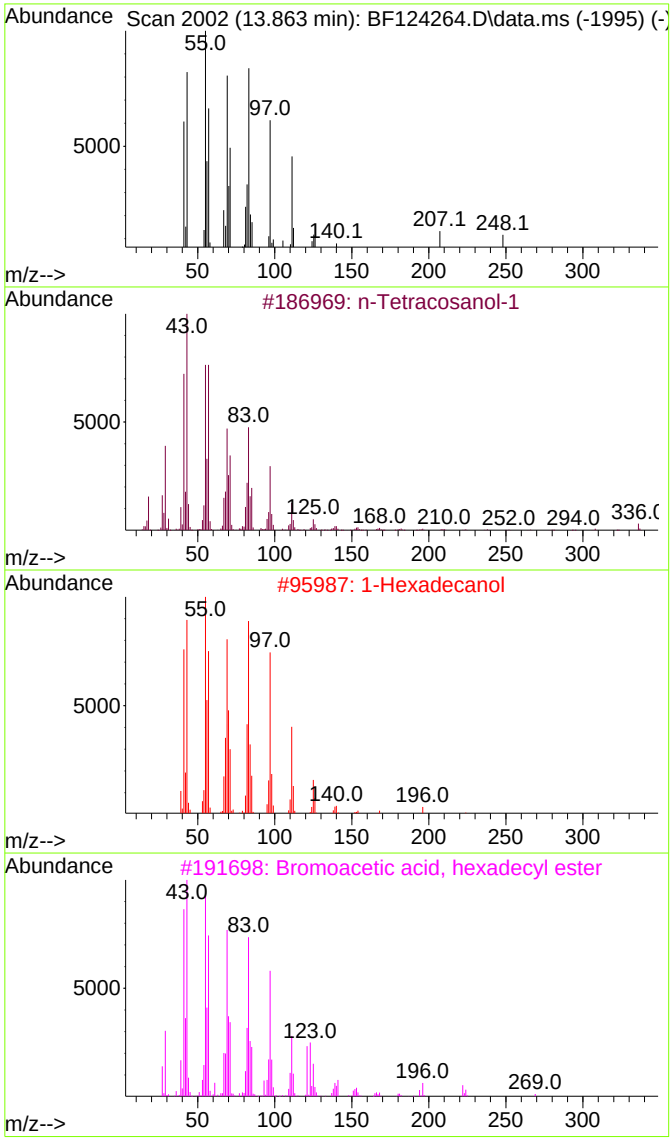
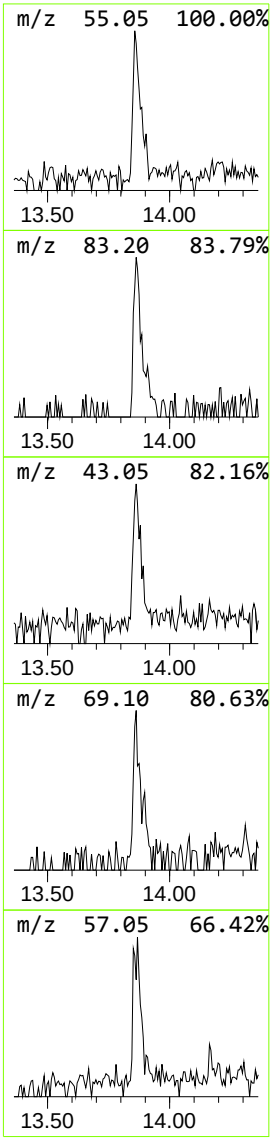
Peak Number 5 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	10.94 ng	131302	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	72
2	1-Hexadecanol	242	C16H34O	036653-82-4	64
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	58
4	1-Nonadecene	266	C19H38	018435-45-5	58
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	52





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...	2.193	2.6	ng	26991	1	6.839	210716	20.0
2-Pentanone, 4-...	5.057	9.6	ng	100917	1	6.839	210716	20.0
Ethanol, 2-(2-b...	8.022	5.9	ng	74132	2	8.122	252669	20.0
n-Hexadecanoic ...	11.892	3.5	ng	59337	4	11.369	339381	20.0
n-Tetracosanol-1	13.863	10.9	ng	131302	5	14.010	239947	20.0