LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125755.D
Acq On : 1 Oct 2021 16:39
Operator : JU/CG
Sample : M3998-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MIXED-DEBRIS-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125755.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	10	17	30	rVB	1273924	1740170	38.21%	5.525%
2	2.293	30	35	43	rVB	60693	82816	1.82%	0.263%
3	5.110	509	514	521	rVB	109017	135268	2.97%	0.429%
4	5.504	576	581	584	rBV	3538177	3496200	76.76%	11.100%
5	6.510	746	752	755	rBV	3302994	3481575	76.44%	11.053%
6	6.887	812	816	819	rBV	1400051	1080128	23.71%	3.429%
7	7.445	906	911	914	rBV	2604486	2279979	50.06%	7.239%
8	8.063	1013	1016	1030	rBV	176298	197905	4.35%	0.628%
9	8.169	1030	1034	1037	rBV	1732963	1475719	32.40%	4.685%
10	9.245	1212	1217	1220	rBV	4815355	4554759	100.00%	14.461%
11	9.357	1233	1236	1240	rVB	199340	161045	3.54%	0.511%
12	9.922	1328	1332	1335	rBV	2110798	1646187	36.14%	5.226%
13	10.704	1462	1465	1478	rBV	2444645	2485774	54.58%	7.892%
14	11.404	1580	1584	1587	rBV	1875942	1637221	35.95%	5.198%
15	11.798	1648	1651	1654	rVB	69157	47187	1.04%	0.150%
16	12.504	1768	1771	1774	rVB	186309	139331	3.06%	0.442%
17	12.616	1788	1790	1793	rVB	67928	52306	1.15%	0.166%
18	12.845	1824	1829	1831	rBV	65261	55636	1.22%	0.177%
19	12.992	1849	1854	1857	rBV	4642974	4028852	88.45%	12.791%
20	13.892	2003	2007	2018	rBV3	67122	124812	2.74%	0.396%
21	14.039	2026	2032	2036	rBV	1204376	1130220	24.81%	3.588%
22	14.668	2136	2139	2143	rVB2	86134	79582	1.75%	0.253%
23	14.898	2175	2178	2184	rBV	95808	96353	2.12%	0.306%
24	15.080	2206	2209	2219	rBV3	24370	62766	1.38%	0.199%
25	15.515	2278	2283	2288	rBV	930356	1225823	26.91%	3.892%

Sum of corrected areas: 31497614

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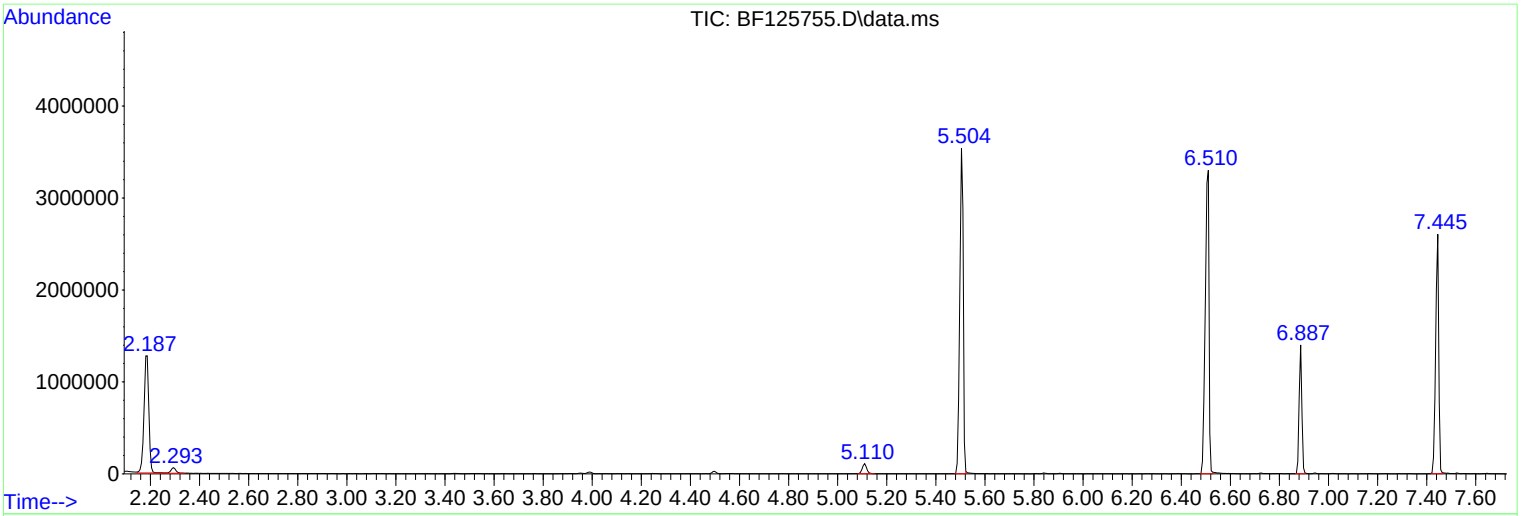
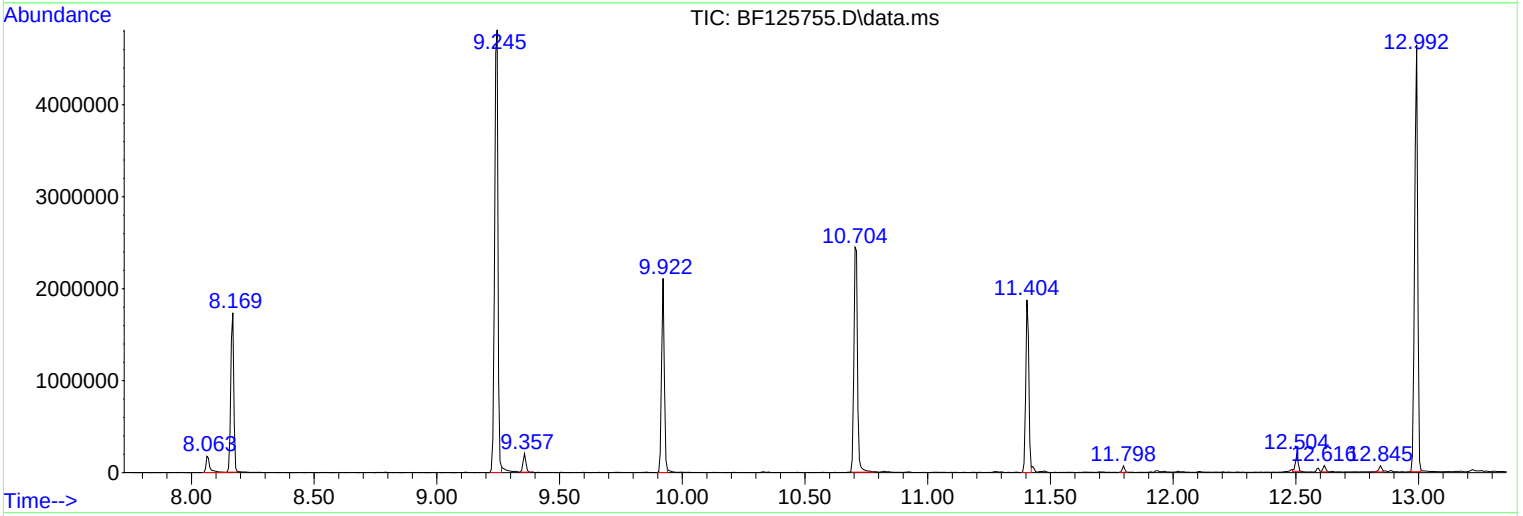
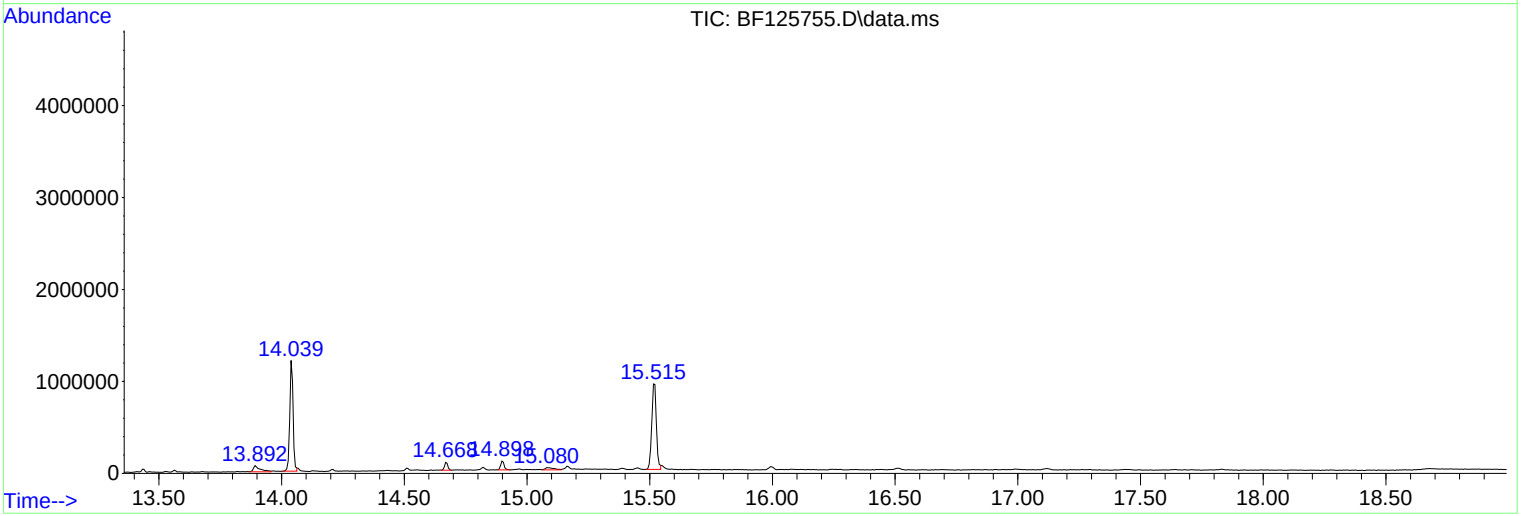
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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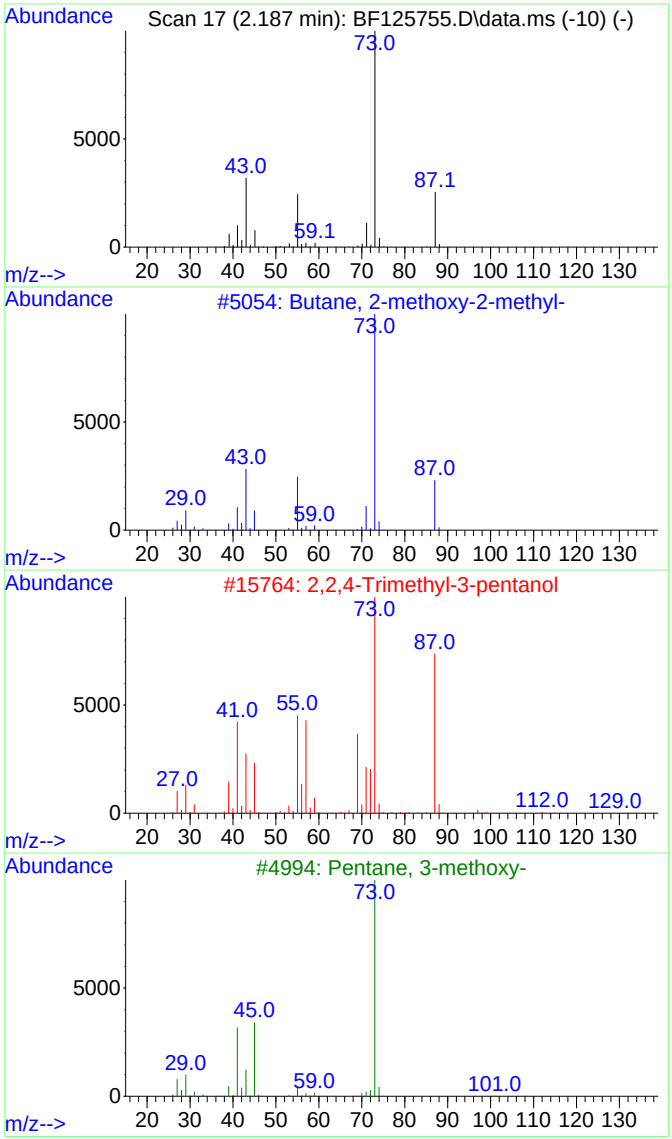
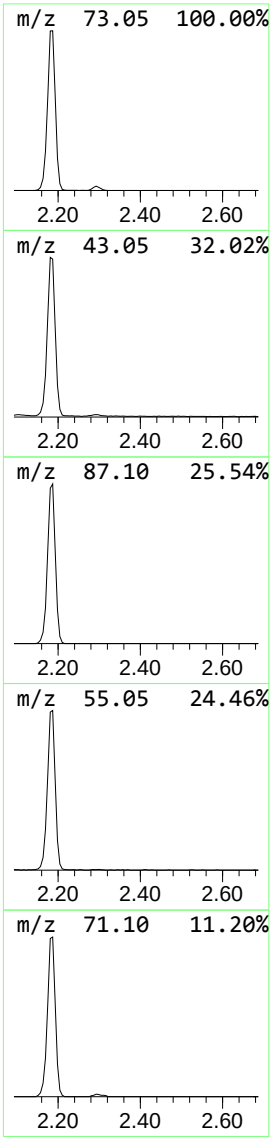
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	32.22 ng	1740170	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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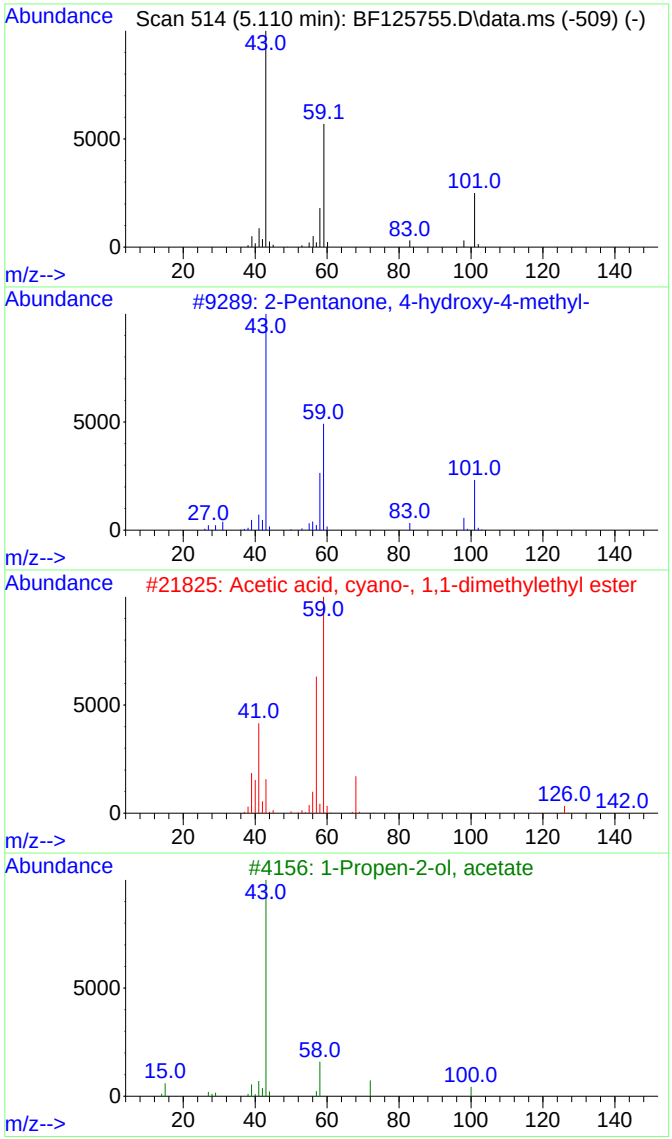
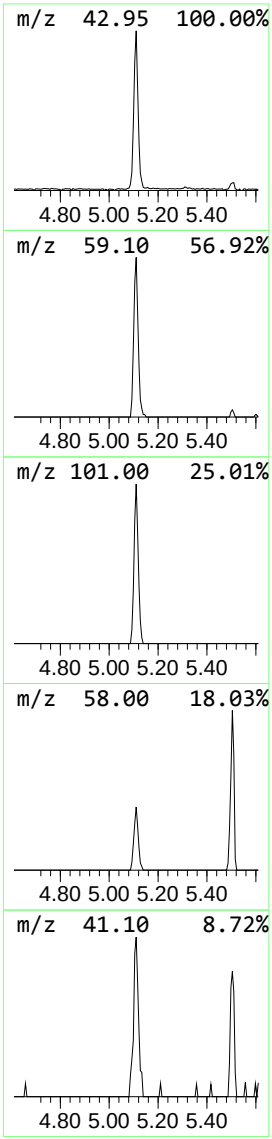
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	2.50 ng	135268	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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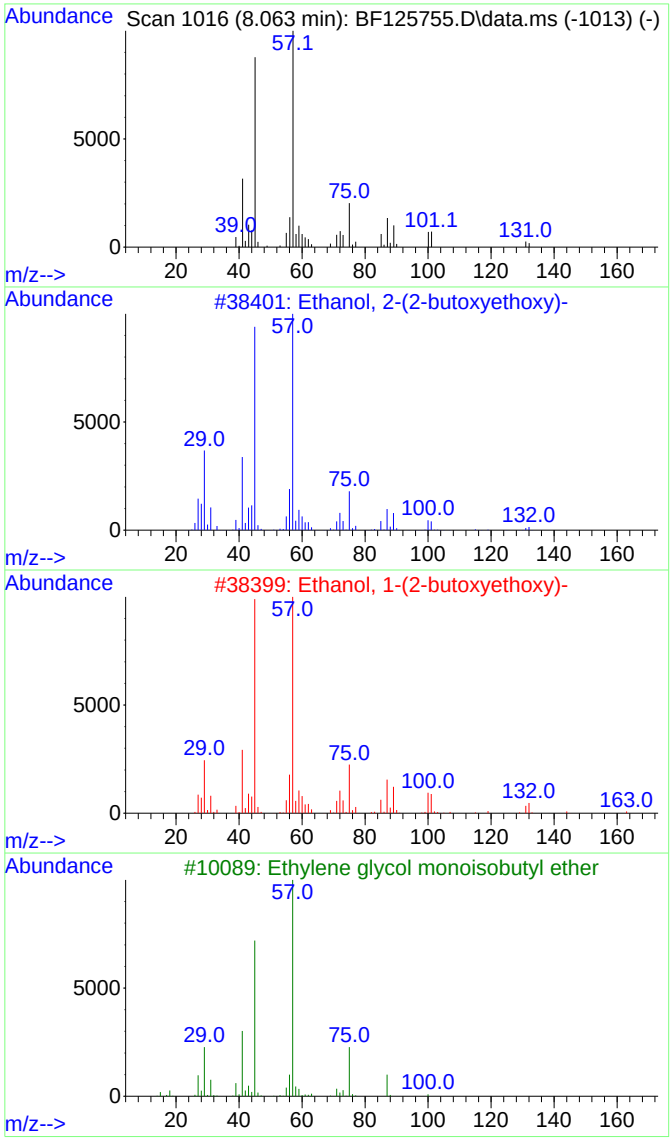
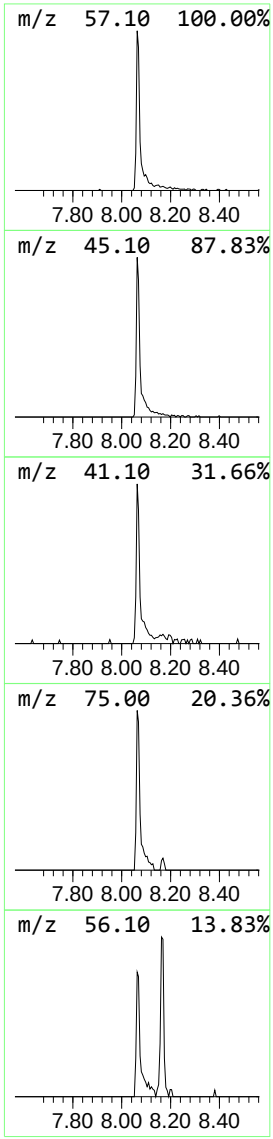
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	2.68 ng	197905	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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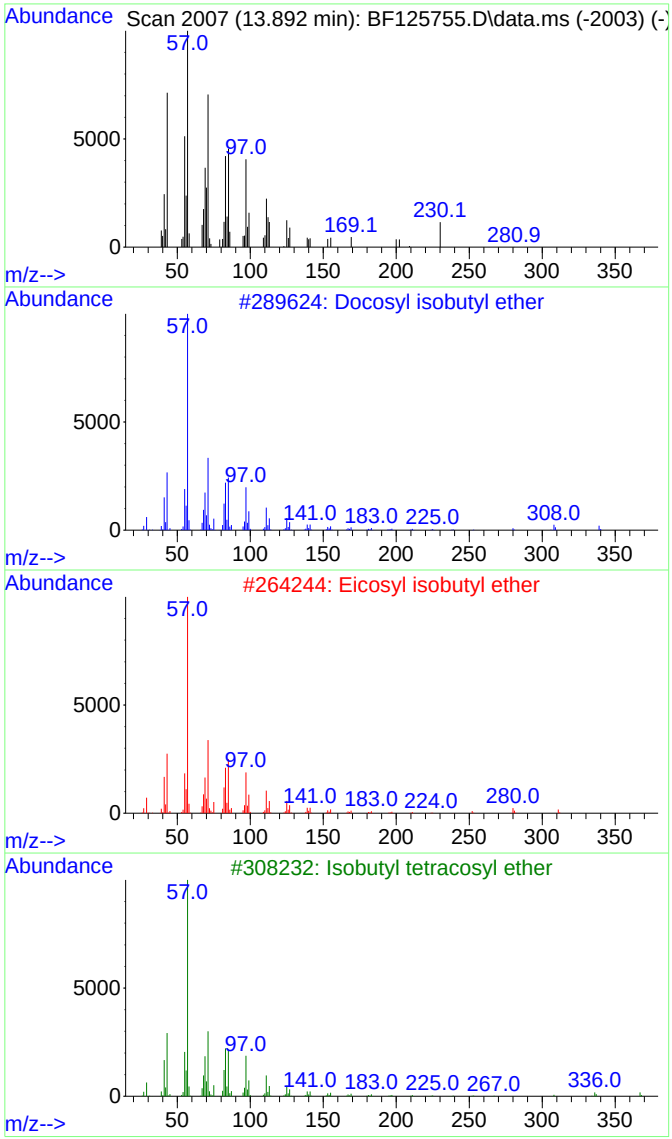
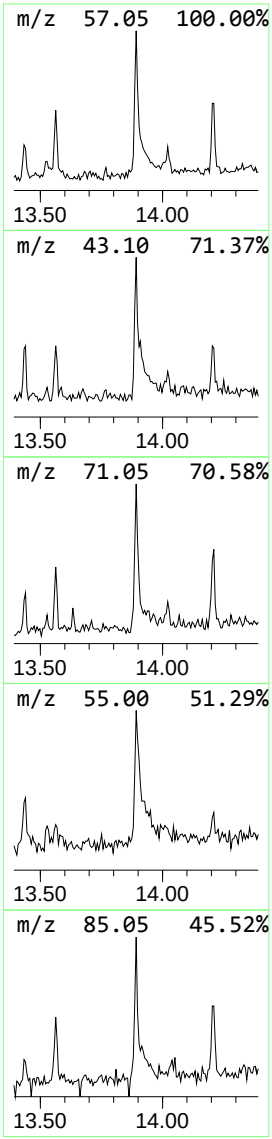
Peak Number 4 Docosyl isobutyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.21 ng	124812	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl isobutyl ether	382	C26H54O	1000406-33-1	90
2	Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	87
3	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	87
4	Dotriacontyl isobutyl ether	523	C36H74O	1010406-33-6	86
5	Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	86





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...	2.187	32.2	ng	1740170	1	6.887	1080130	20.0
2-Pentanone, 4-...	5.110	2.5	ng	135268	1	6.887	1080130	20.0
Ethanol, 2-(2-b...	8.063	2.7	ng	197905	2	8.169	1475720	20.0
Docosyl isobuty...	13.892	2.2	ng	124812	5	14.039	1130220	20.0