LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139040.D
Acq On : 16 Aug 2024 00:18
Operator : RC/JU
Sample : P3485-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-SOIL

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139040.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	5	15	rVB	571910	705767	57.36%	8.286%
2	2.234	19	24	33	rVB	7818	12970	1.05%	0.152%
3	3.405	218	223	238	rBV	7928	29376	2.39%	0.345%
4	5.057	499	504	519	rVB	77852	125571	10.20%	1.474%
5	5.469	569	574	601	rBV	757516	1058944	86.06%	12.433%
6	6.481	741	746	768	rBV	826403	1111998	90.37%	13.056%
7	6.687	775	781	793	rBV	6955	15935	1.30%	0.187%
8	6.834	801	806	814	rVB	226647	274845	22.34%	3.227%
9	7.398	897	902	916	rBV	543148	728736	59.22%	8.556%
10	7.663	943	947	956	rBB	7693	12840	1.04%	0.151%
11	8.116	1019	1024	1041	rBV	285610	359919	29.25%	4.226%
12	8.434	1074	1078	1087	rBV	40045	63616	5.17%	0.747%
13	9.187	1201	1206	1211	rBV	1010980	1230488	100.00%	14.447%
14	9.863	1317	1321	1332	rBV	302871	394212	32.04%	4.628%
15	9.957	1332	1337	1344	rBV	24648	36625	2.98%	0.430%
16	10.657	1451	1456	1469	rBV	469428	614201	49.92%	7.211%
17	11.351	1569	1574	1585	rBV	257850	350707	28.50%	4.118%
18	11.875	1658	1663	1674	rBV3	5976	14443	1.17%	0.170%
19	12.575	1777	1782	1788	rBV	15467	22370	1.82%	0.263%
20	12.798	1815	1820	1828	rVB	14032	23299	1.89%	0.274%
21	12.933	1838	1843	1848	rBV	676544	824820	67.03%	9.684%
22	13.833	1989	1996	2014	rBV7	14106	47571	3.87%	0.559%
23	13.998	2019	2024	2033	rVB	173020	239664	19.48%	2.814%
24	15.068	2204	2206	2211	rVB3	9610	13348	1.08%	0.157%
25	15.463	2267	2273	2284	rVB	130083	205140	16.67%	2.408%

Sum of corrected areas: 8517405

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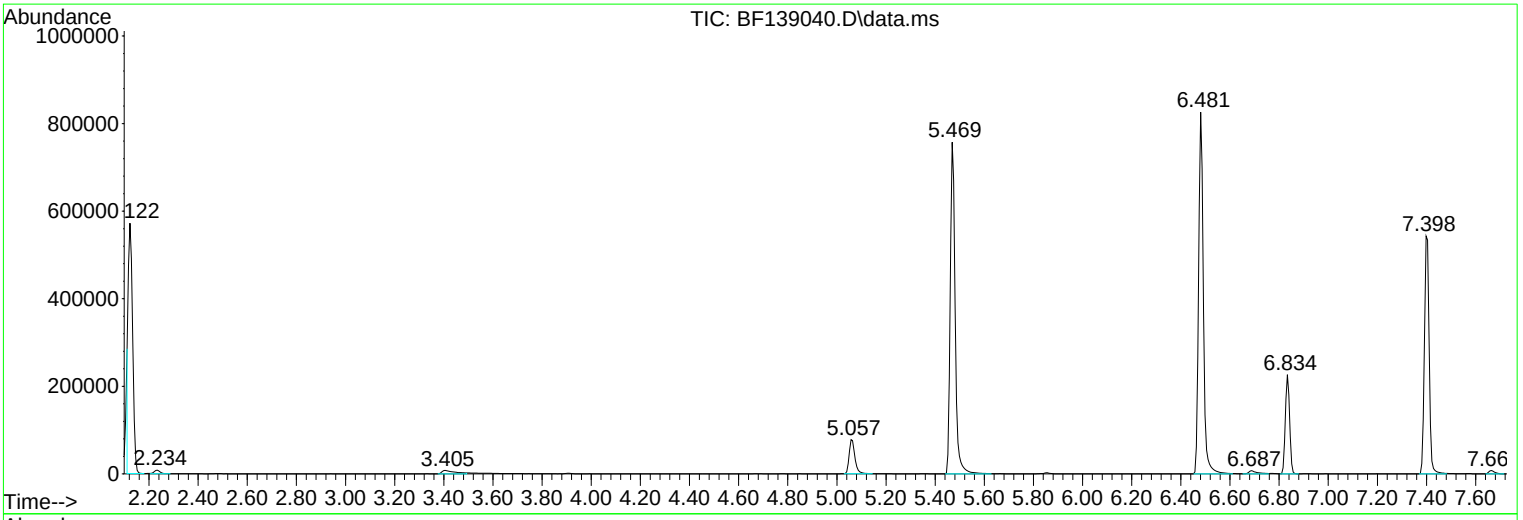
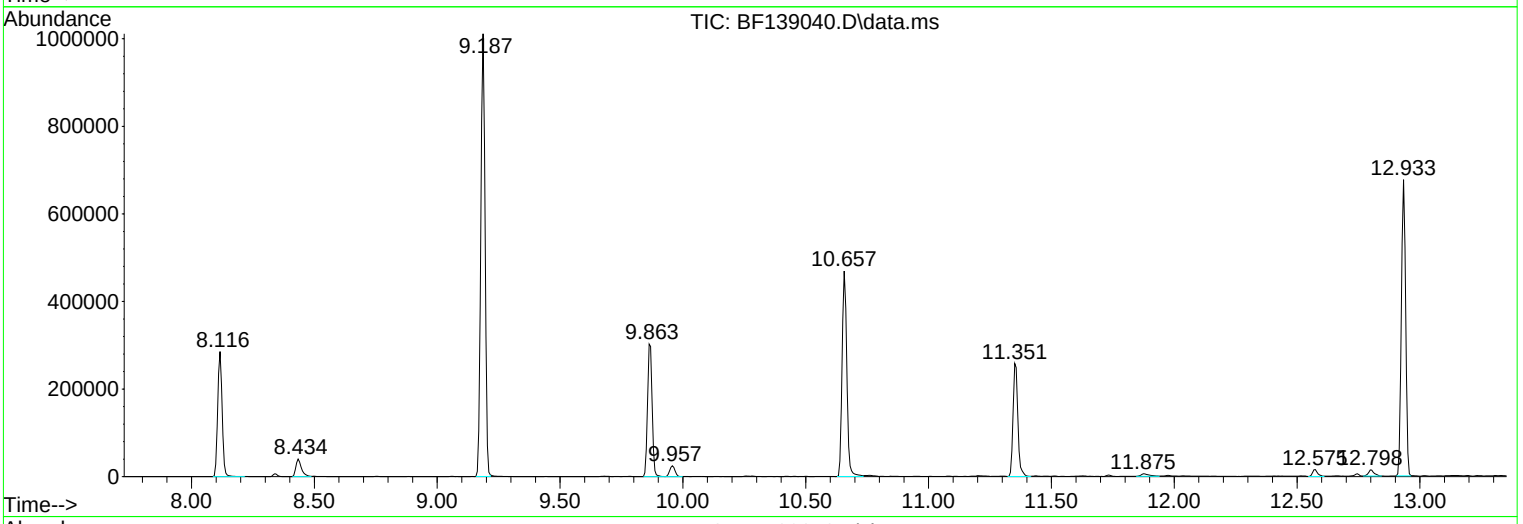
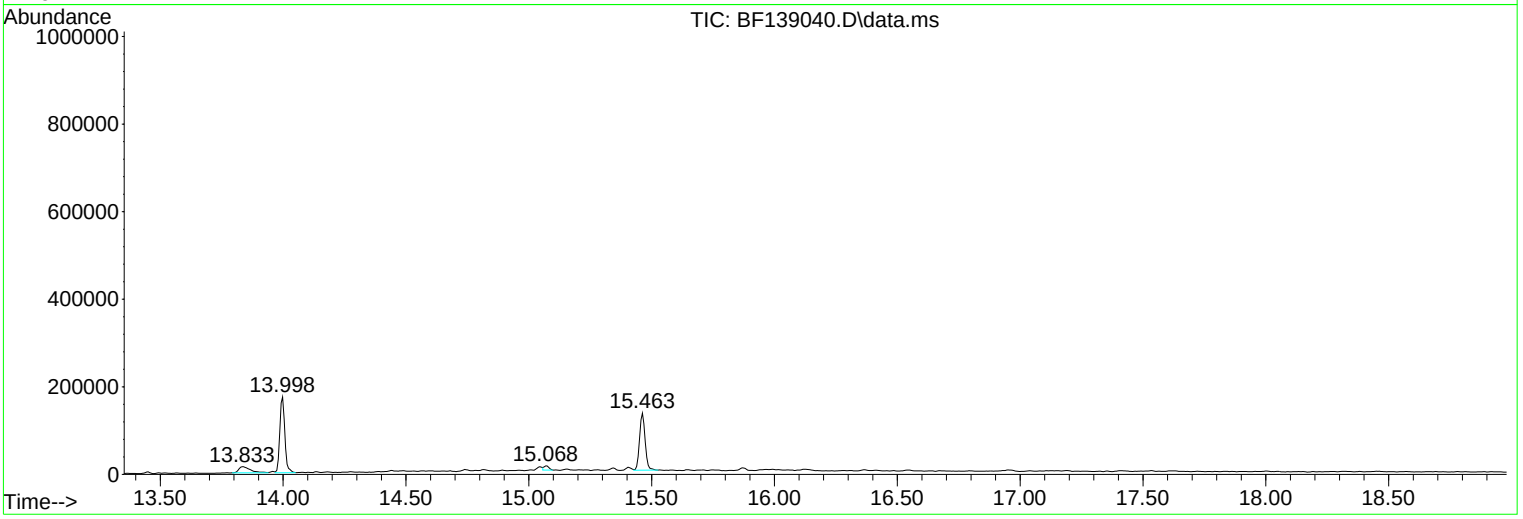
ClientSampleId :
C-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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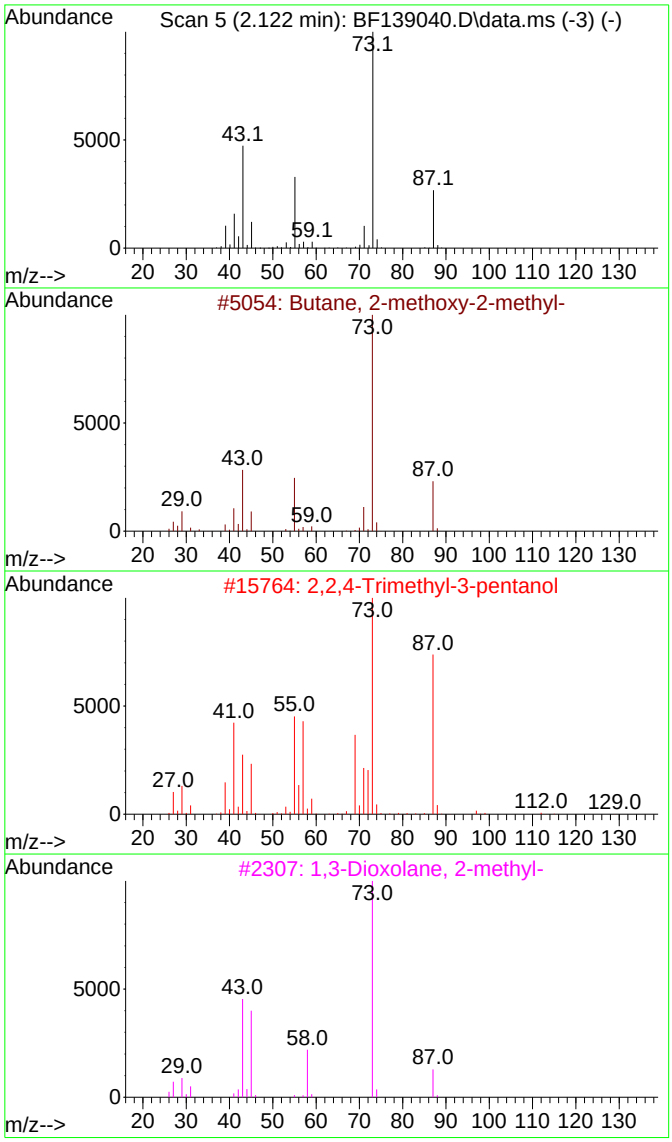
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

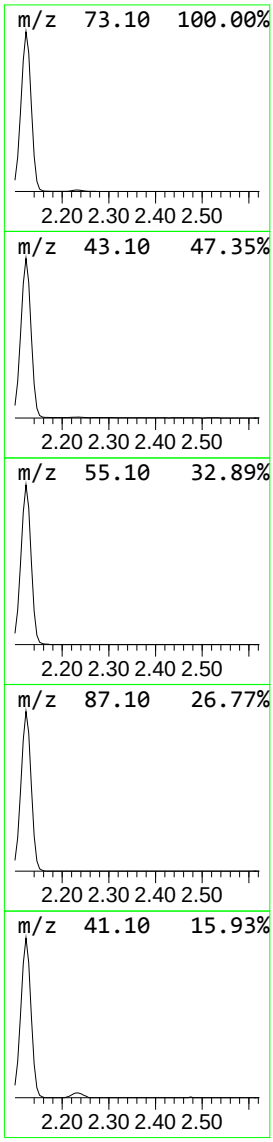
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	51.36 ng	705767	1,4-Dichlorobenzene-d4	6.834

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





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Misc :
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BNA_F
ClientSampleId :
C-SOIL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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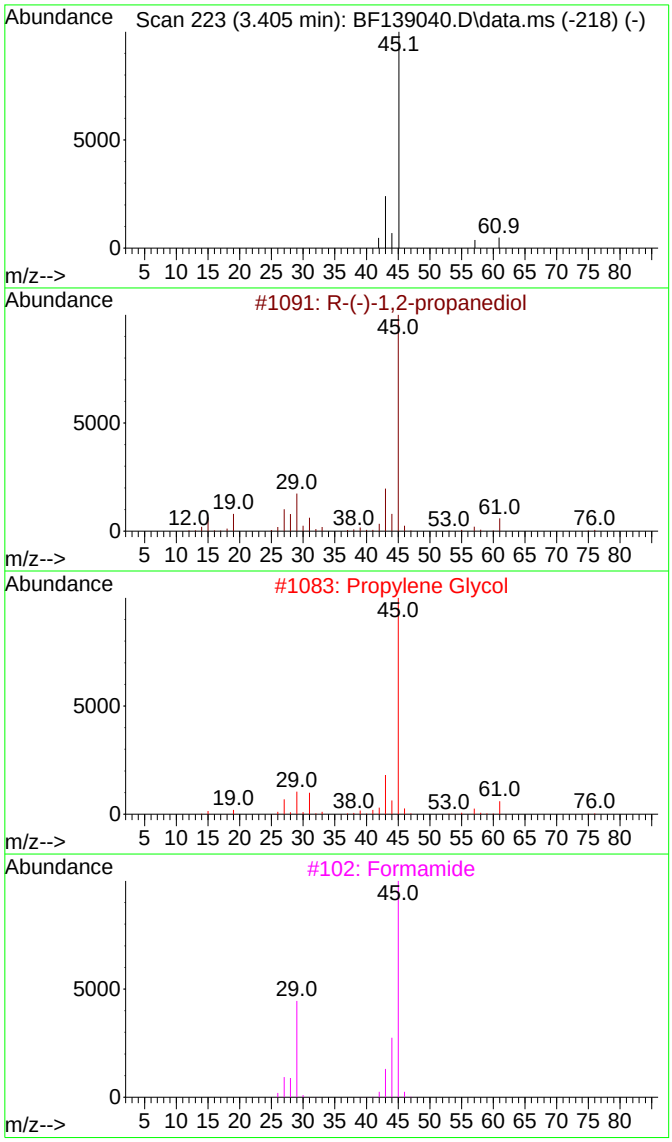
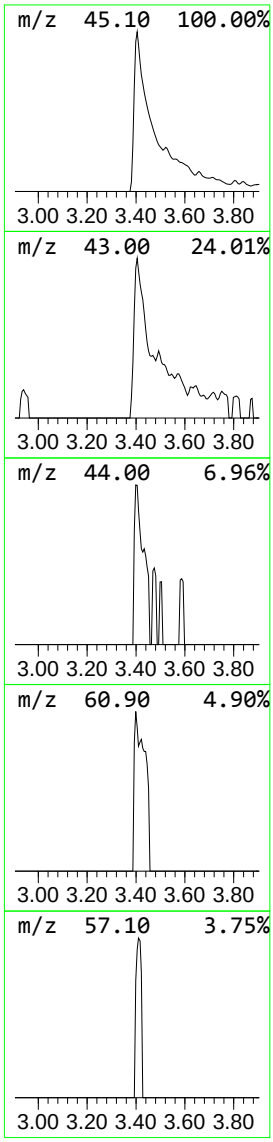
****

Peak Number 2 unknown3.405 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.405	2.14 ng	29376	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
2	Propylene Glycol	76	C3H8O2	000057-55-6	4
3	Formamide	45	CH3NO	000075-12-7	3
4	2,3-Butanediol	90	C4H10O2	000513-85-9	2
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	2





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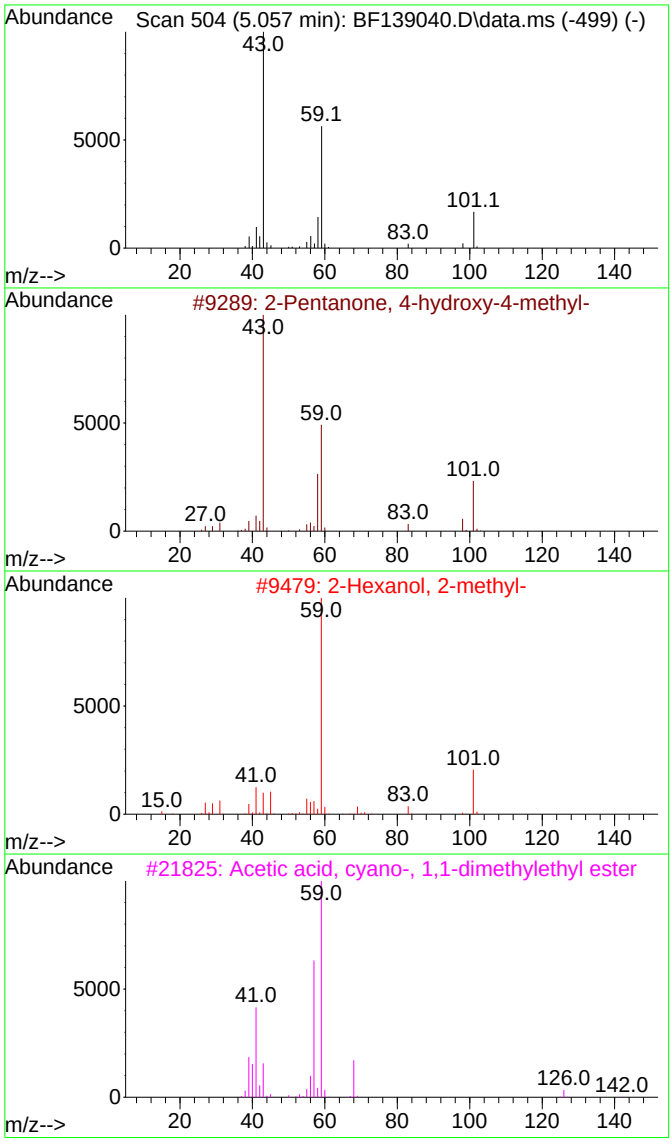
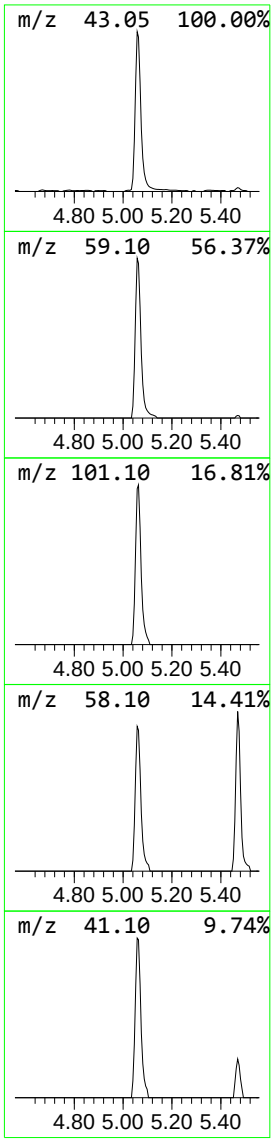
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	9.14 ng	125571	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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TIC Library : C:\Database\NIST20.L
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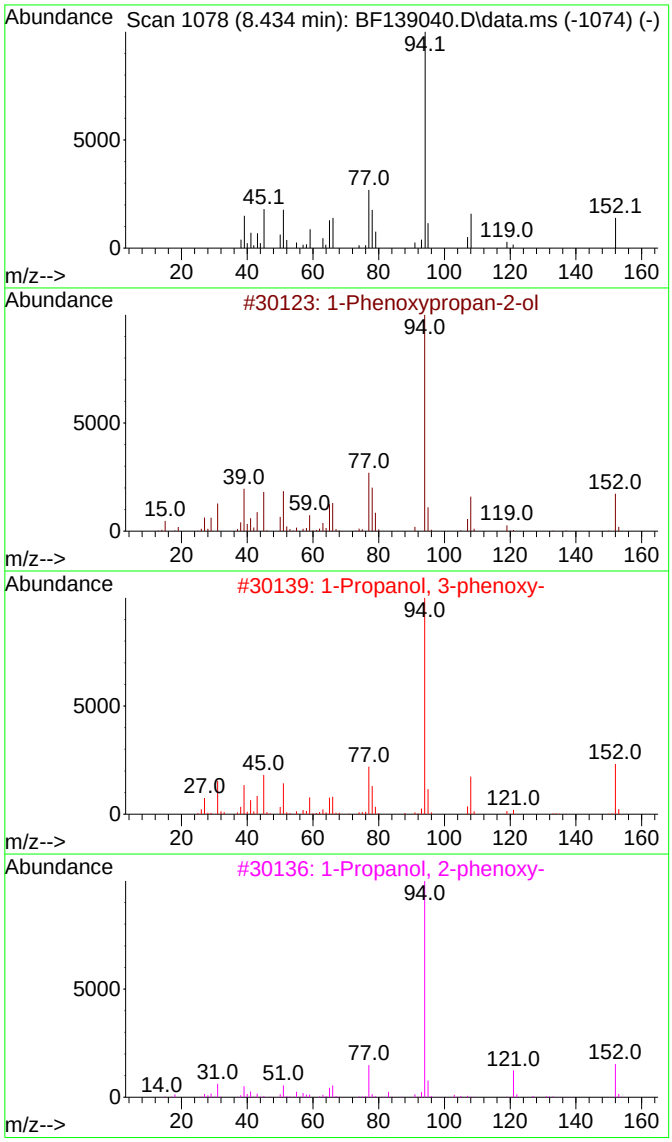
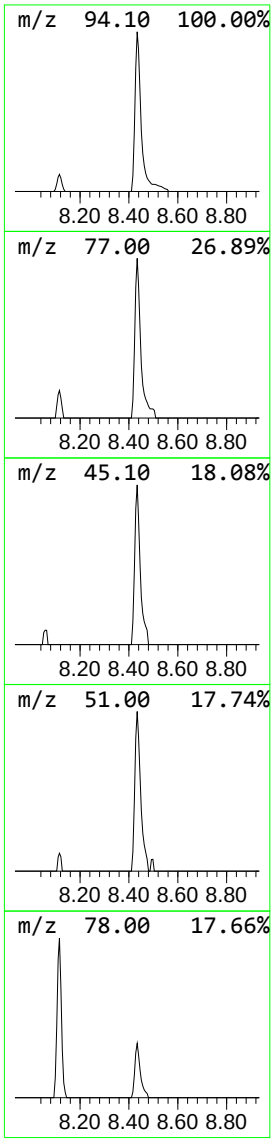
Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	3.54 ng	63616	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
5	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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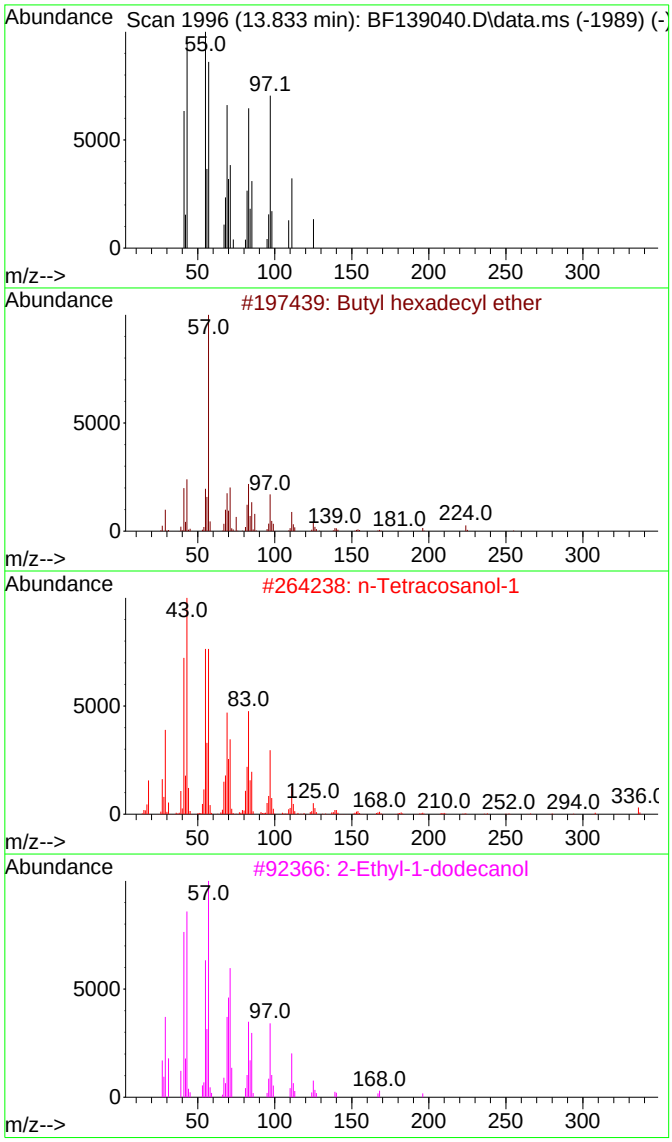
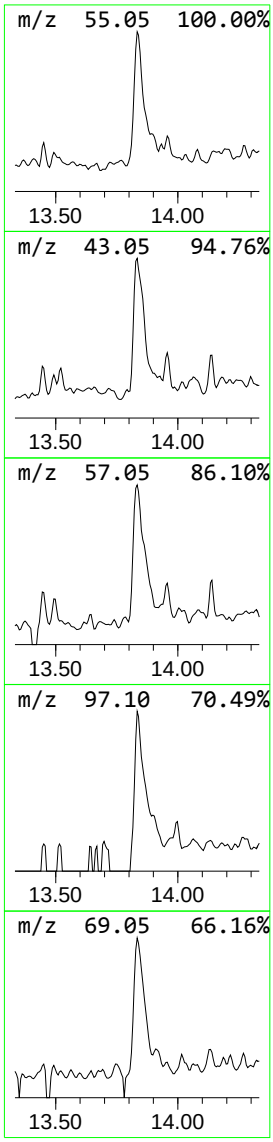
****

Peak Number 5 Butyl hexadecyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.97 ng	47571	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	83
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	59
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50
5	Butyl eicosyl ether	354	C24H50O	1000406-40-7	50





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	51.4	ng	705767	1	6.834	274845	20.0
unknown3.405	3.405	2.1	ng	29376	1	6.834	274845	20.0
2-Pentanone, 4-...	5.057	9.1	ng	125571	1	6.834	274845	20.0
1-Phenoxypropan...	8.434	3.5	ng	63616	2	8.116	359919	20.0
Butyl hexadecyl...	13.833	4.0	ng	47571	5	13.998	239664	20.0