LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
Data File : BF138848.D
Acq On : 07 Aug 2024 18:06
Operator : RC/JU
Sample : P3429-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
931-K1-WS-073124

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: BF138848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	16	rVB	1836630	2898297	100.00%	25.532%
2	2.946	139	145	155	rBB	25148	45539	1.57%	0.401%
3	5.063	500	505	522	rVB	28278	42792	1.48%	0.377%
4	5.469	569	574	595	rVB	527563	693022	23.91%	6.105%
5	6.481	741	746	758	rBV	333117	447239	15.43%	3.940%
6	6.840	802	807	812	rBV	237062	294194	10.15%	2.592%
7	7.404	897	903	908	rBV	750268	1036011	35.75%	9.127%
8	7.663	942	947	957	rBV3	16577	30985	1.07%	0.273%
9	8.116	1019	1024	1038	rBV	299867	395660	13.65%	3.486%
10	8.434	1071	1078	1095	rVB	27817	48986	1.69%	0.432%
11	9.192	1200	1207	1212	rBV	1435540	1865405	64.36%	16.433%
12	9.869	1317	1322	1328	rBV	355805	444127	15.32%	3.912%
13	10.663	1452	1457	1472	rBV	763878	1015906	35.05%	8.949%
14	11.357	1570	1575	1581	rBV	327576	402319	13.88%	3.544%
15	11.880	1659	1664	1682	rBV3	21338	40125	1.38%	0.353%
16	12.939	1838	1844	1849	rBV	932648	1156720	39.91%	10.190%
17	13.845	1991	1998	2012	rBV3	17101	45233	1.56%	0.398%
18	13.998	2019	2024	2036	rVB	168198	222520	7.68%	1.960%
19	15.457	2266	2272	2282	rBV	147492	226503	7.82%	1.995%

Sum of corrected areas: 11351583

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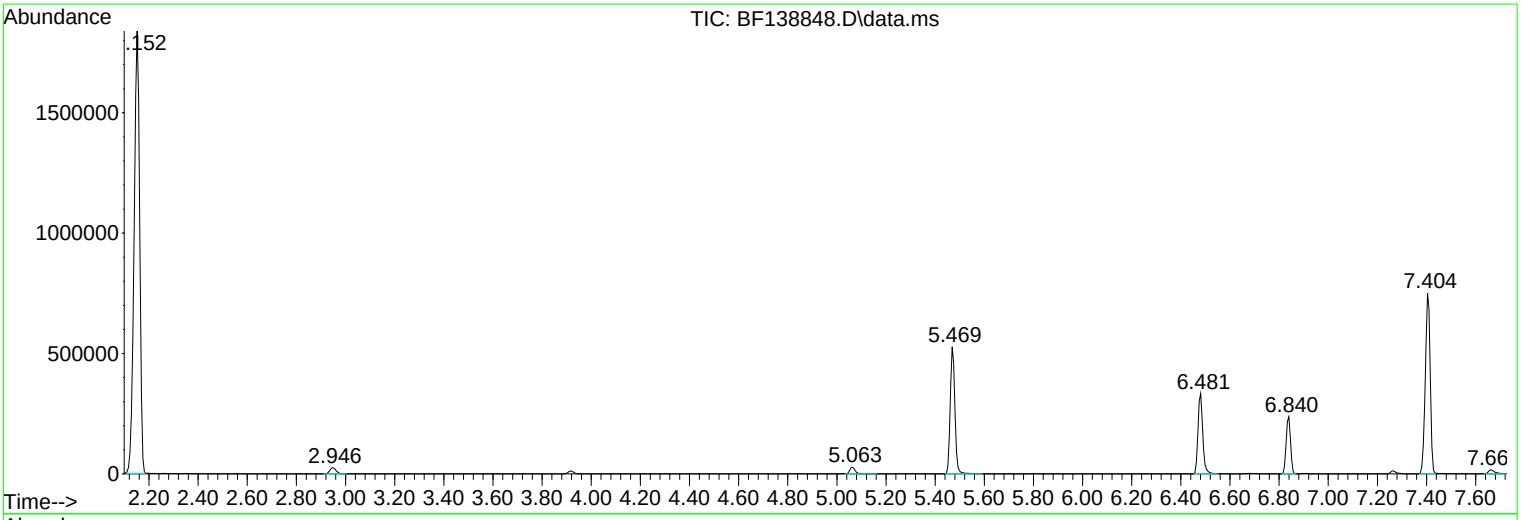
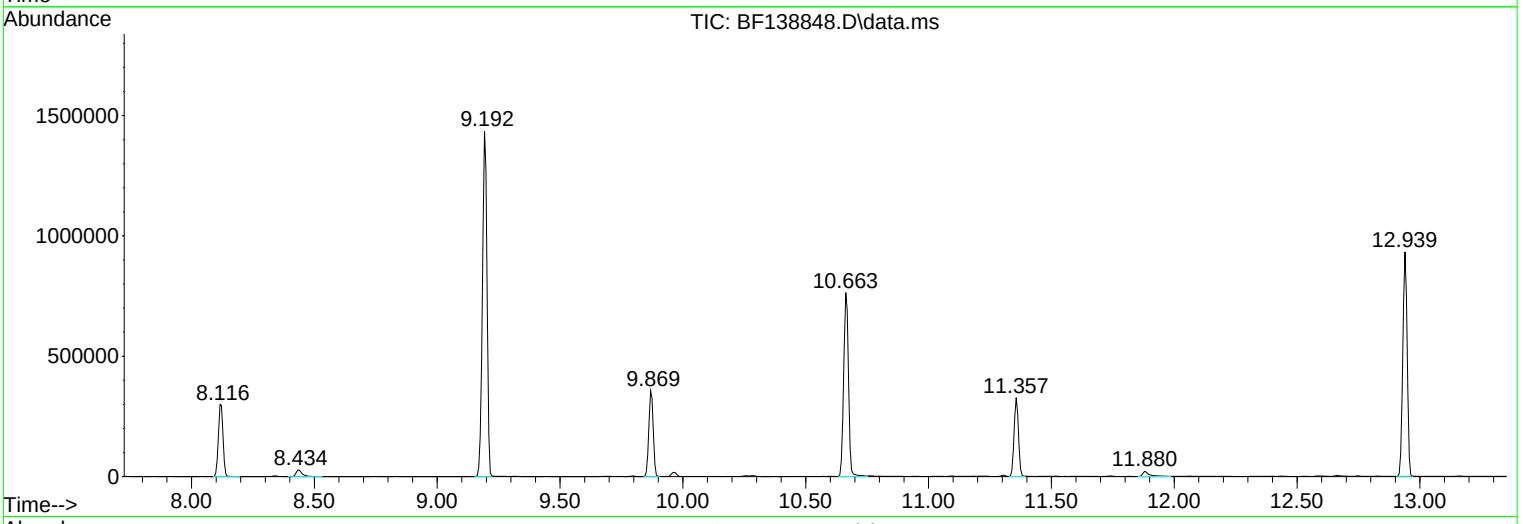
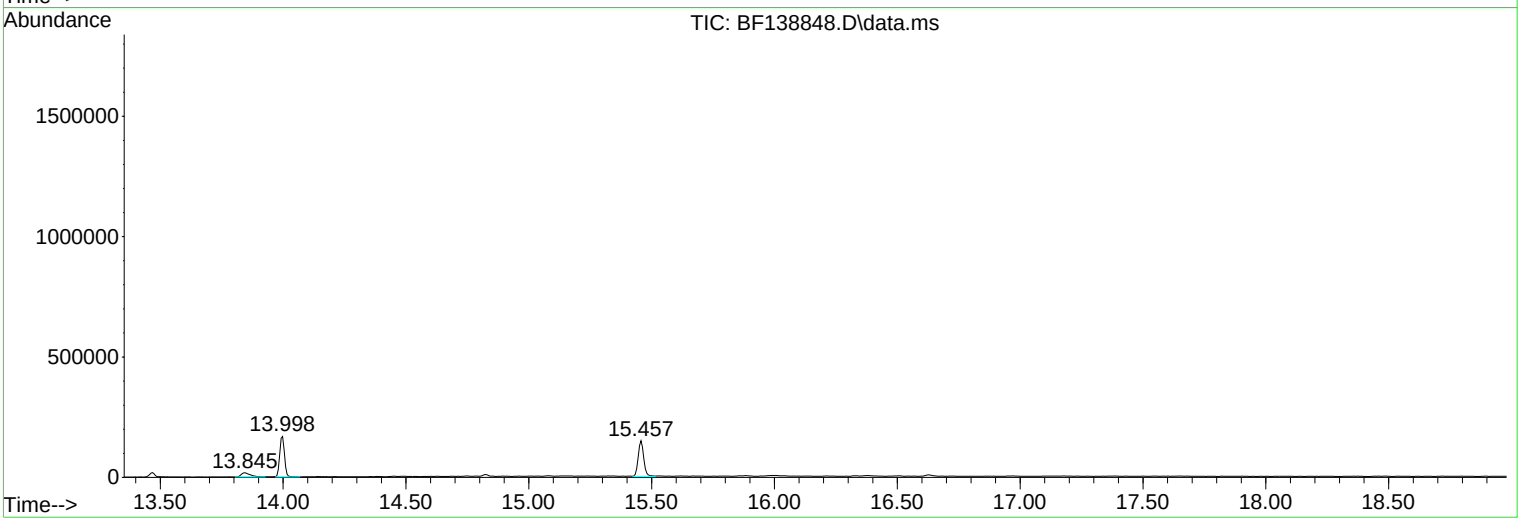
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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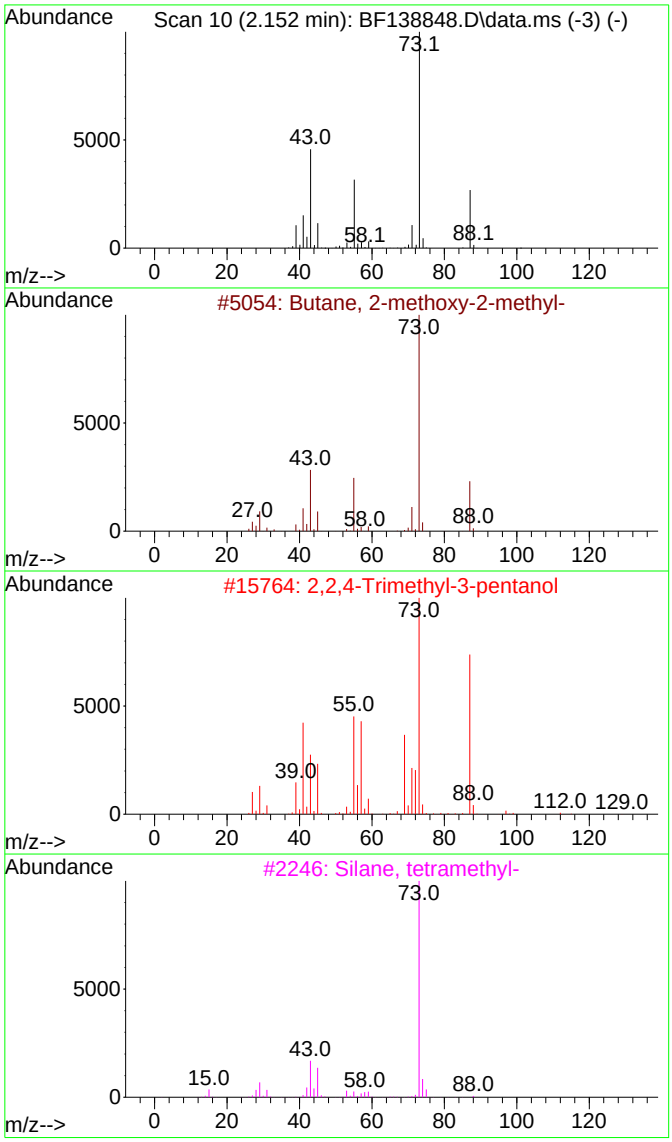
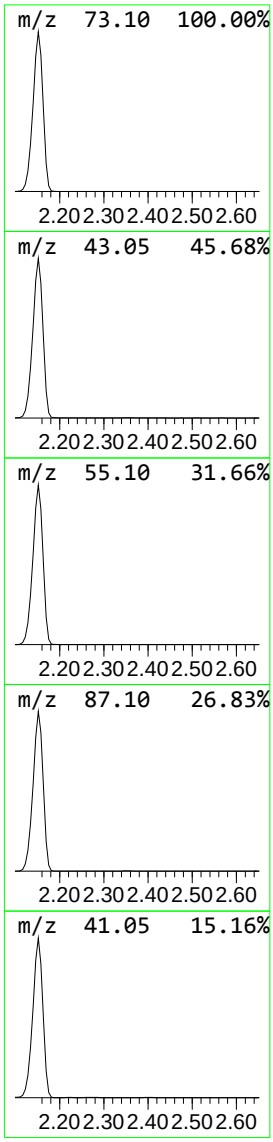
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	197.03 ng	2898300	1,4-Dichlorobenzene-d4	6.840

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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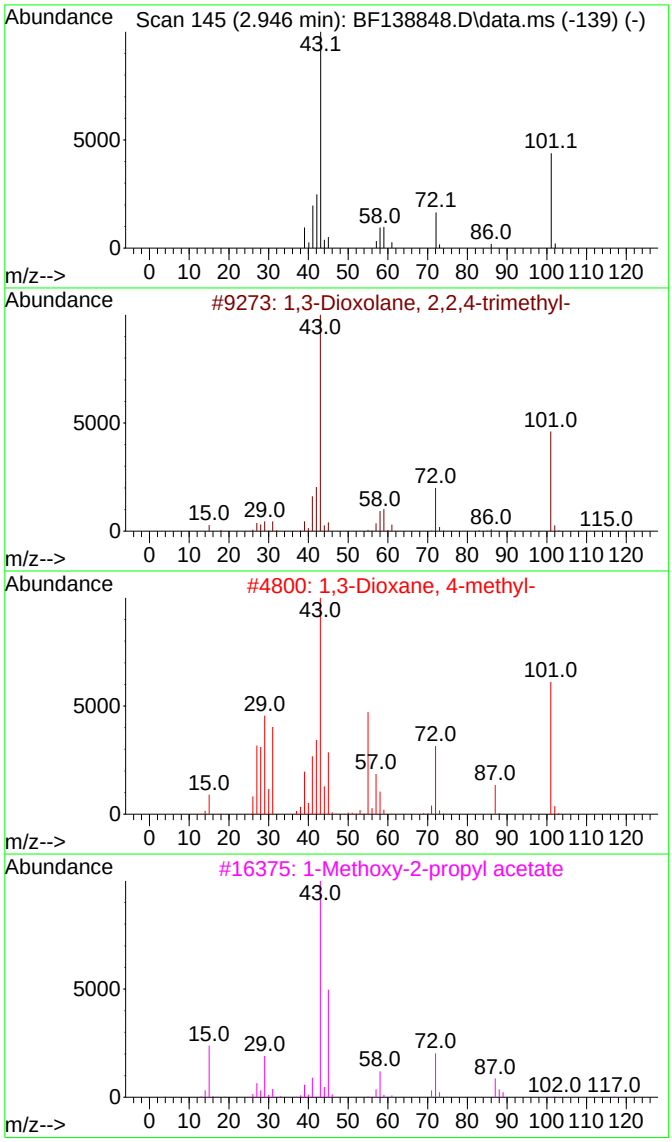
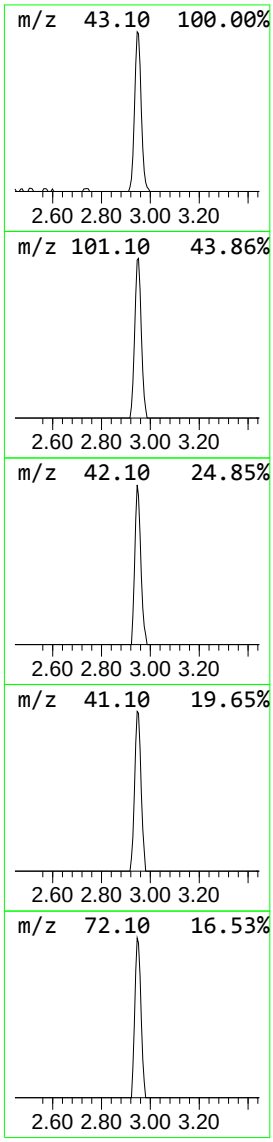
****
Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.946	3.10 ng	45539	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	83
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	50
3	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	10
4	Butane	58	C4H10	000106-97-8	10
5	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	9





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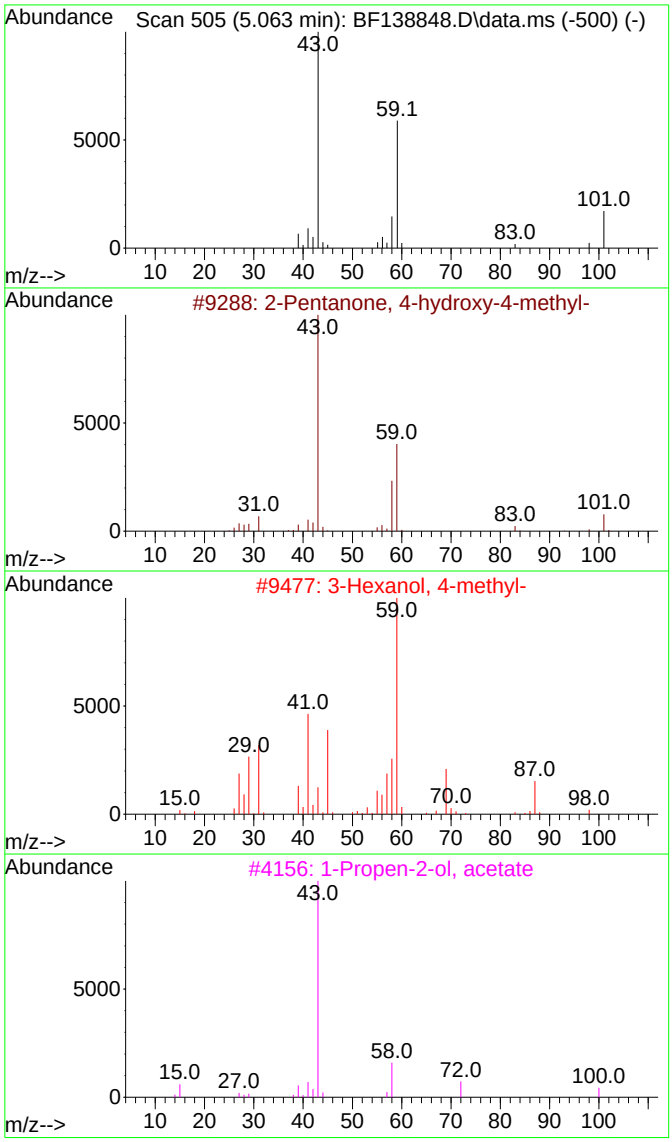
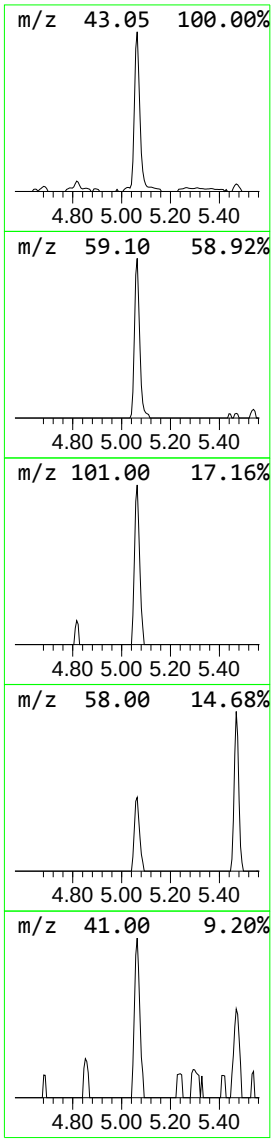
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	2.91 ng	42792	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9





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Instrument :
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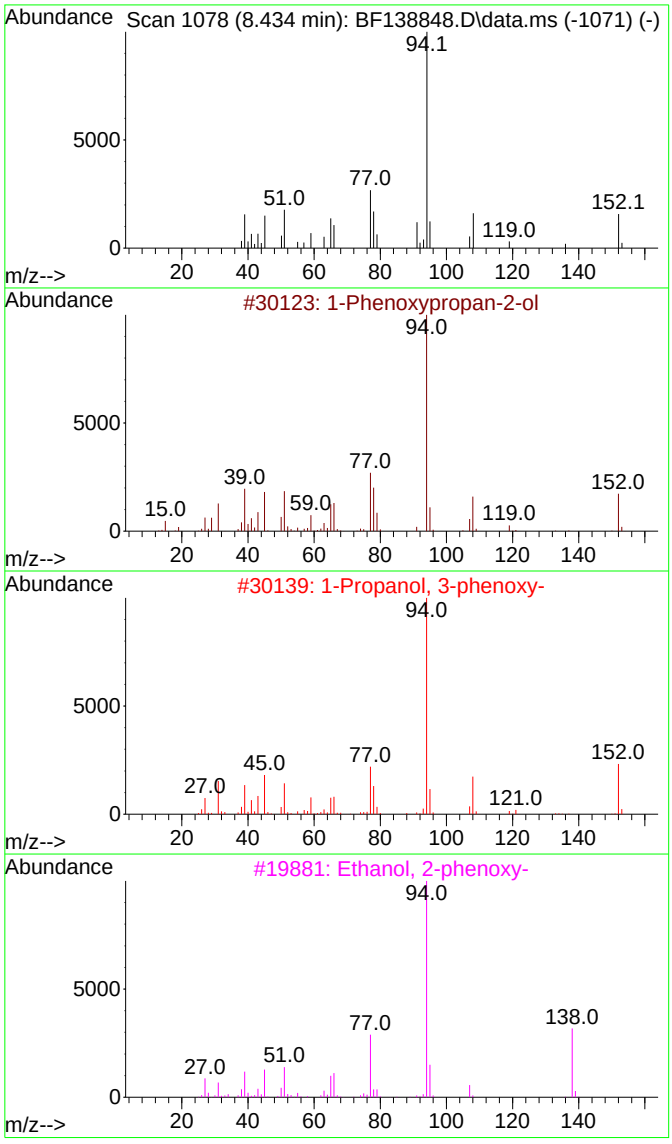
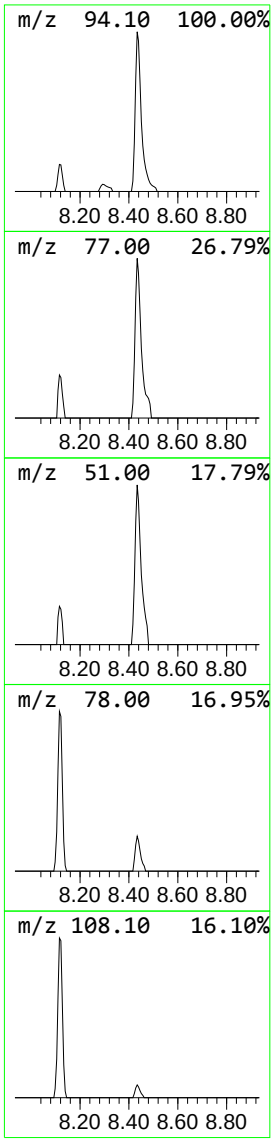
Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	2.48 ng	48986	Naphthalene-d8	8.122

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	87
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	53
5	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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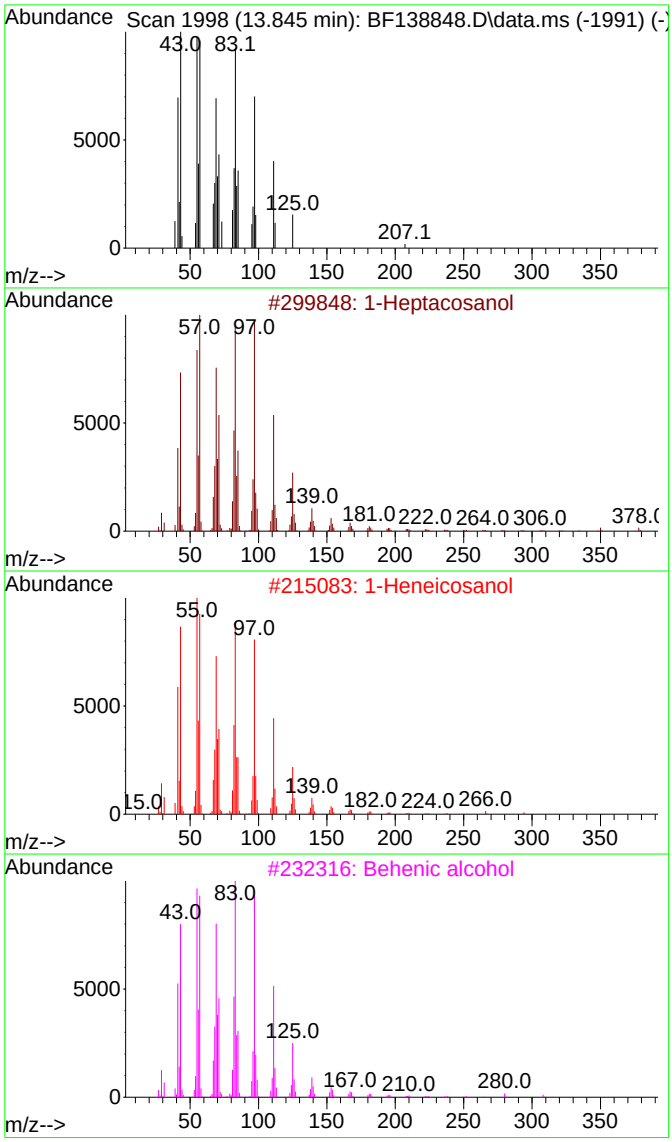
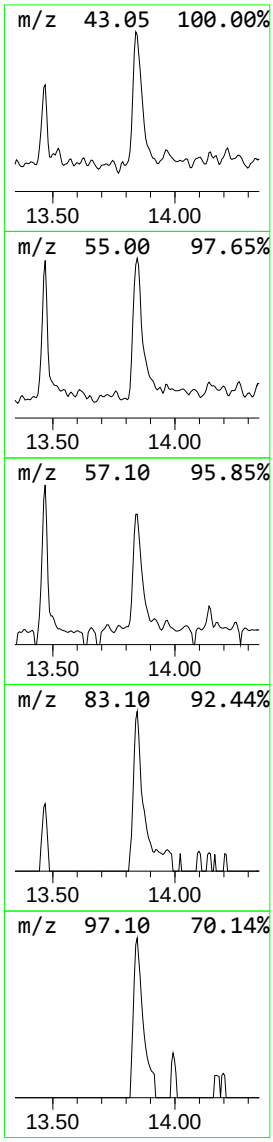
Peak Number 5 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	4.07 ng	45233	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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...	2.152	197.0	ng	2898300	1	6.840	294194	20.0
1,3-Dioxolane, ...	2.946	3.1	ng	45539	1	6.840	294194	20.0
2-Pentanone, 4-...	5.063	2.9	ng	42792	1	6.840	294194	20.0
1-Phenoxypropan...	8.434	2.5	ng	48986	2	8.122	395660	20.0
1-Heptacosanol	13.845	4.1	ng	45233	5	13.998	222520	20.0