LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
Data File : BG061119.D
Acq On : 6 May 2024 14:05
Operator : MA/JU
Sample : P2375-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

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_G\Methods\8270-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	8	16	23	rBV6	6762	17889	1.15%	0.232%
2	3.152	23	28	40	rVB	154099	257569	16.60%	3.345%
3	3.670	112	116	122	rBV	32608	49121	3.16%	0.638%
4	5.526	423	432	443	rBV	360373	572126	36.86%	7.430%
5	7.107	693	701	714	rBV	376684	641669	41.34%	8.333%
6	7.524	765	772	780	rBV3	9827	17209	1.11%	0.223%
7	7.935	834	842	848	rBV	109254	179320	11.55%	2.329%
8	9.087	1030	1038	1046	rBV	242571	427605	27.55%	5.553%
9	10.726	1308	1317	1327	rBV	137662	246807	15.90%	3.205%
10	11.466	1438	1443	1450	rBV2	15287	28192	1.82%	0.366%
11	13.188	1728	1736	1742	rBV	616675	978022	63.02%	12.700%
12	14.563	1964	1970	1978	rVB	223173	345737	22.28%	4.490%
13	16.055	2218	2224	2235	rBV	591966	897881	57.85%	11.660%
14	17.312	2430	2438	2443	rBV	294433	434529	28.00%	5.643%
15	18.211	2584	2591	2600	rBV5	45687	83517	5.38%	1.085%
16	19.363	2781	2787	2792	rBV	54340	79267	5.11%	1.029%
17	19.480	2803	2807	2814	rBV8	8751	20513	1.32%	0.266%
18	19.727	2840	2849	2856	rBV	49869	96897	6.24%	1.258%
19	19.933	2878	2884	2890	rBV	1156615	1552044	100.00%	20.155%
20	20.244	2935	2937	2941	rVB3	13716	16533	1.07%	0.215%
21	21.243	3103	3107	3116	rBV2	37092	82270	5.30%	1.068%
22	21.566	3156	3162	3169	rBV	286338	538108	34.67%	6.988%
23	24.692	3688	3694	3695	rBV	82374	137866	8.88%	1.790%

Sum of corrected areas: 7700691

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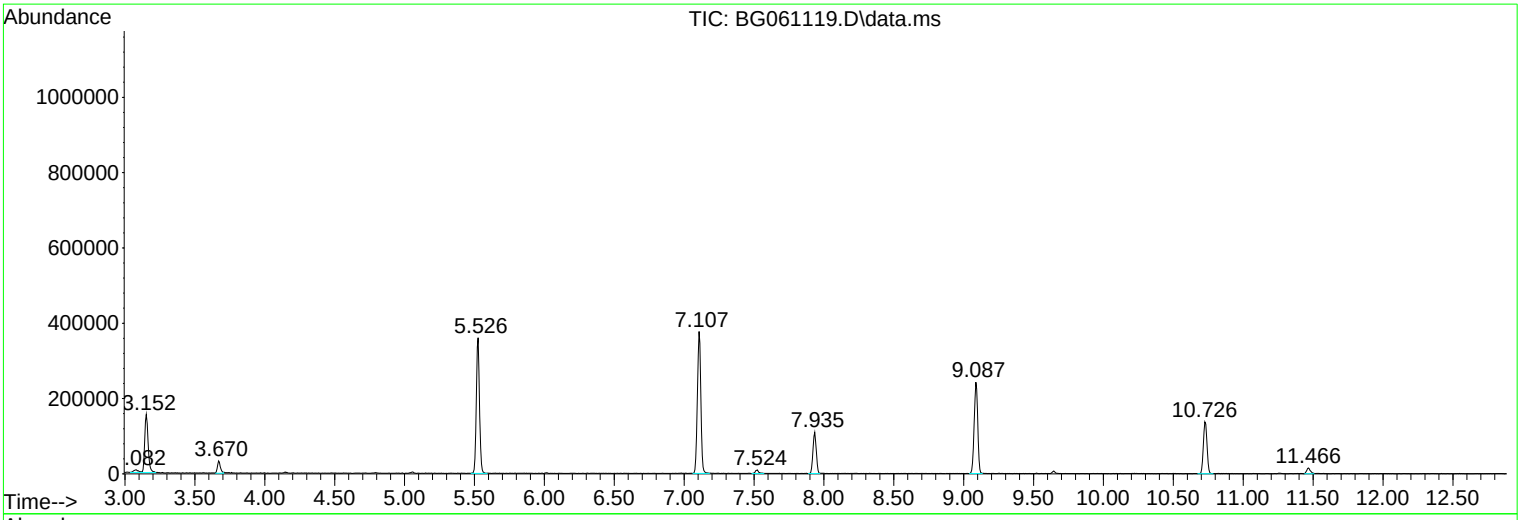
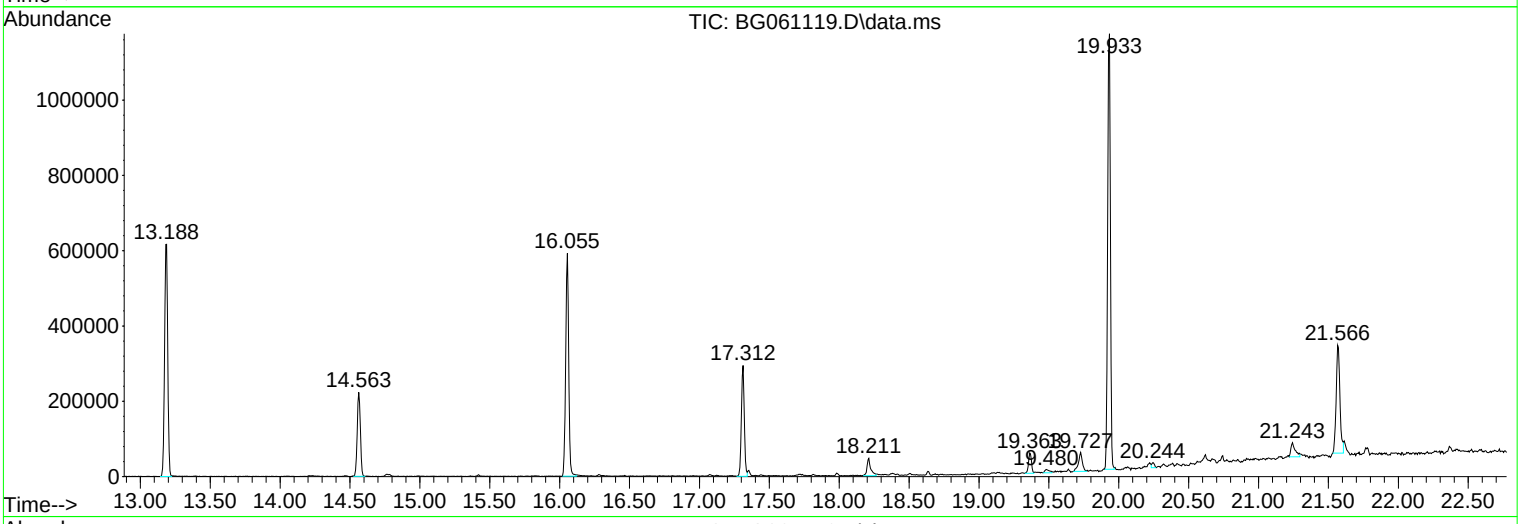
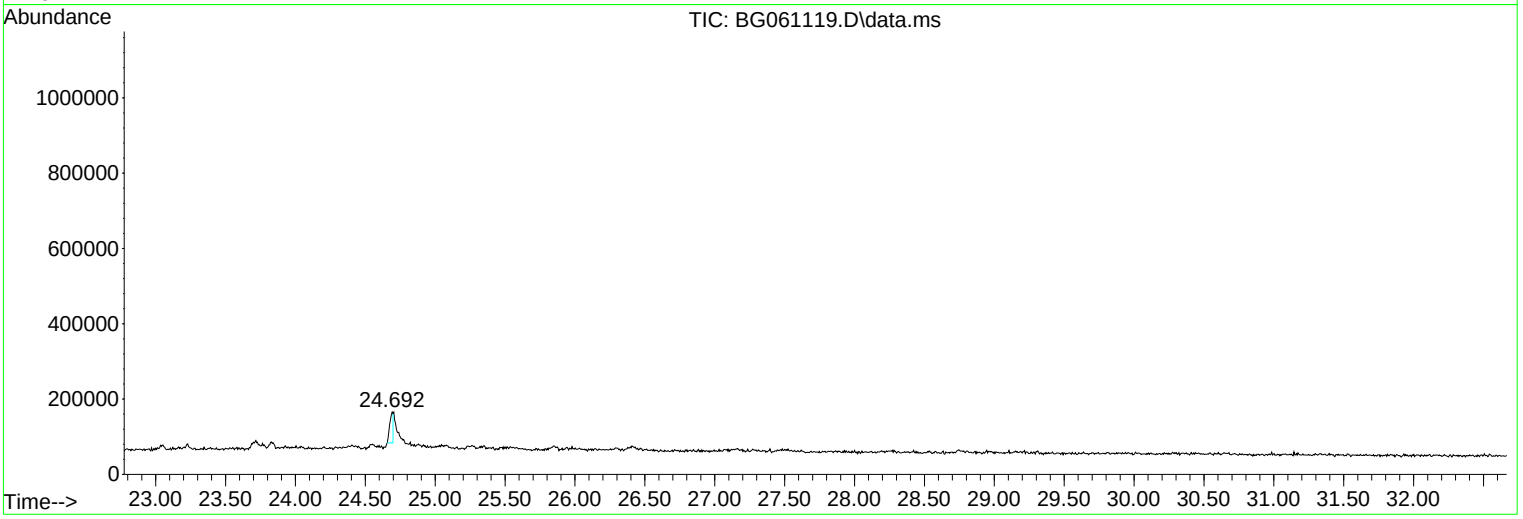
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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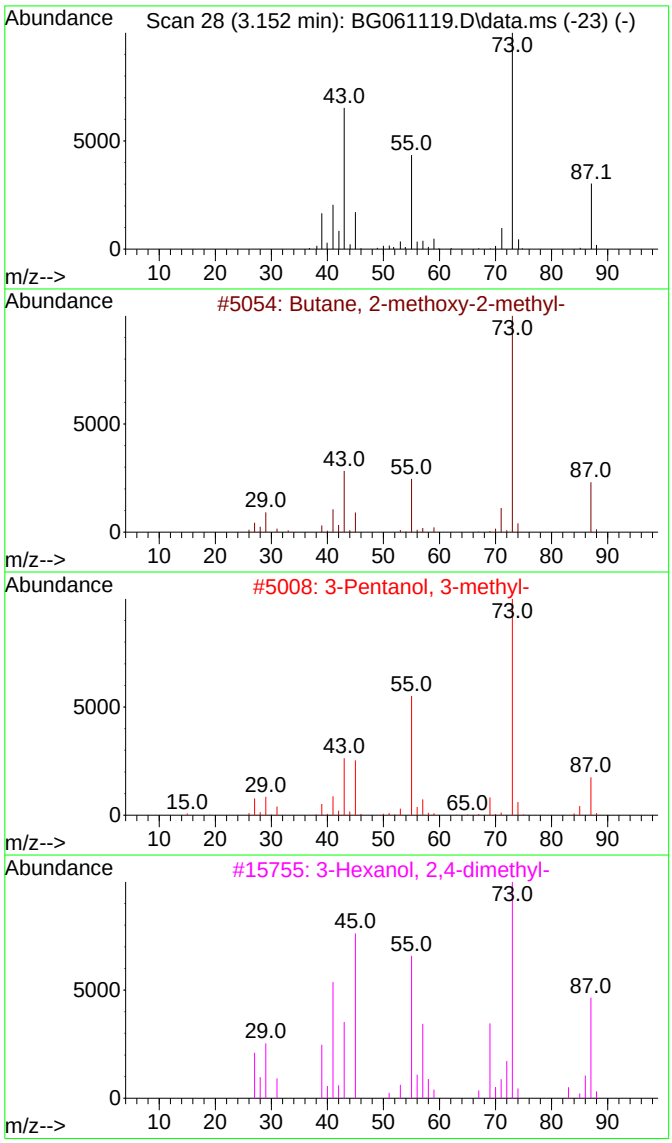
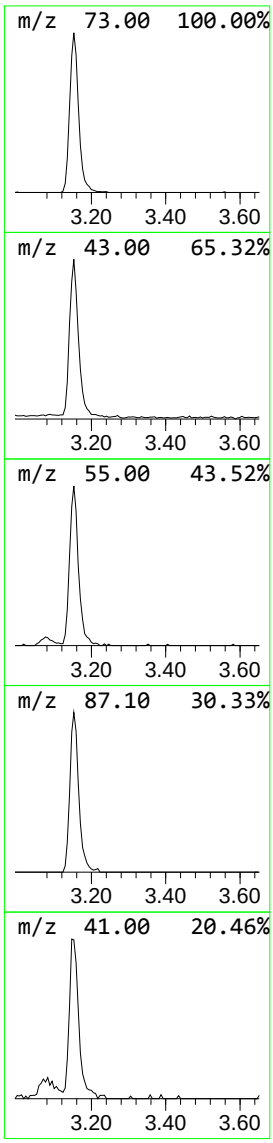
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	28.73 ng	257569	1,4-Dichlorobenzene-d4	7.935

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	10





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Sample : P2375-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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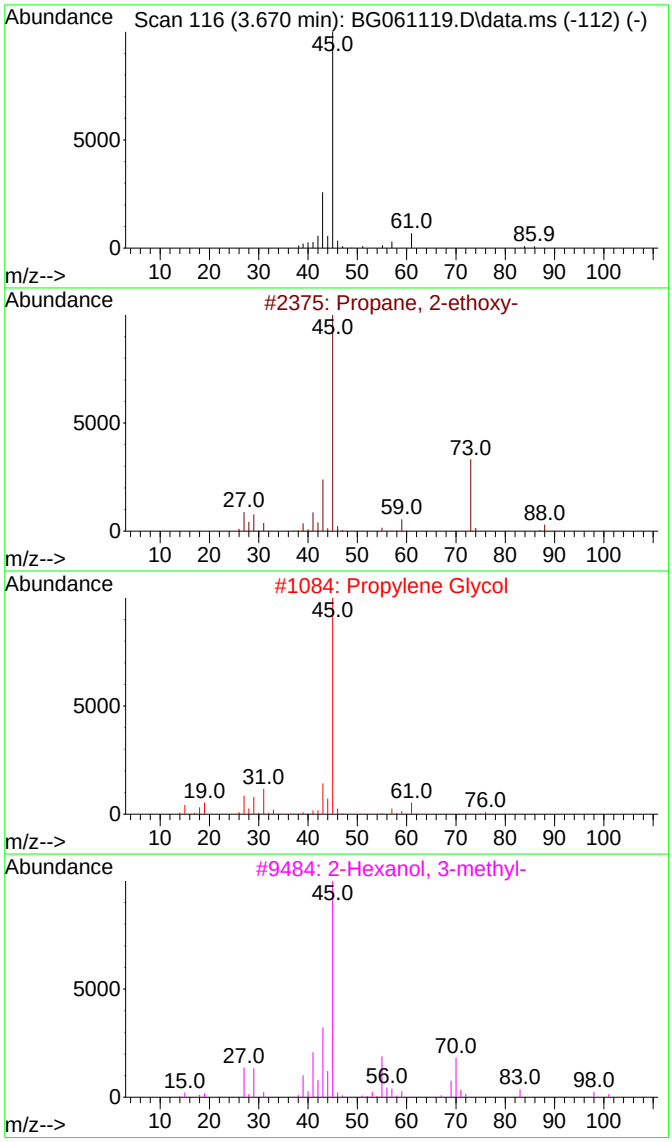
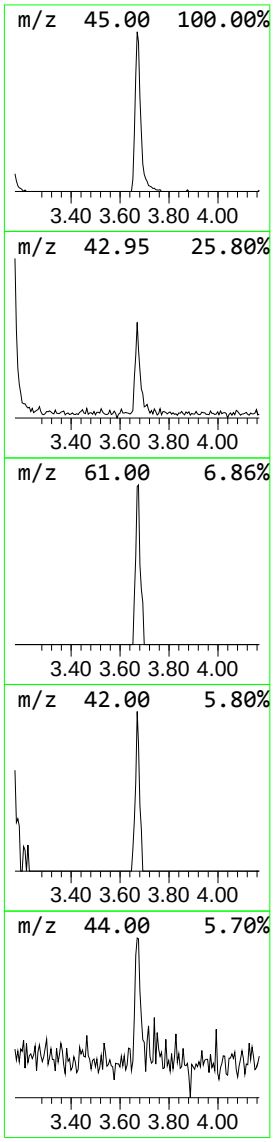
Peak Number 2 unknown3.670 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.670	5.48 ng	49121	1,4-Dichlorobenzene-d4	7.935

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
2	Propylene Glycol	76	C3H8O2	000057-55-6	9
3	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9





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Sample : P2375-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

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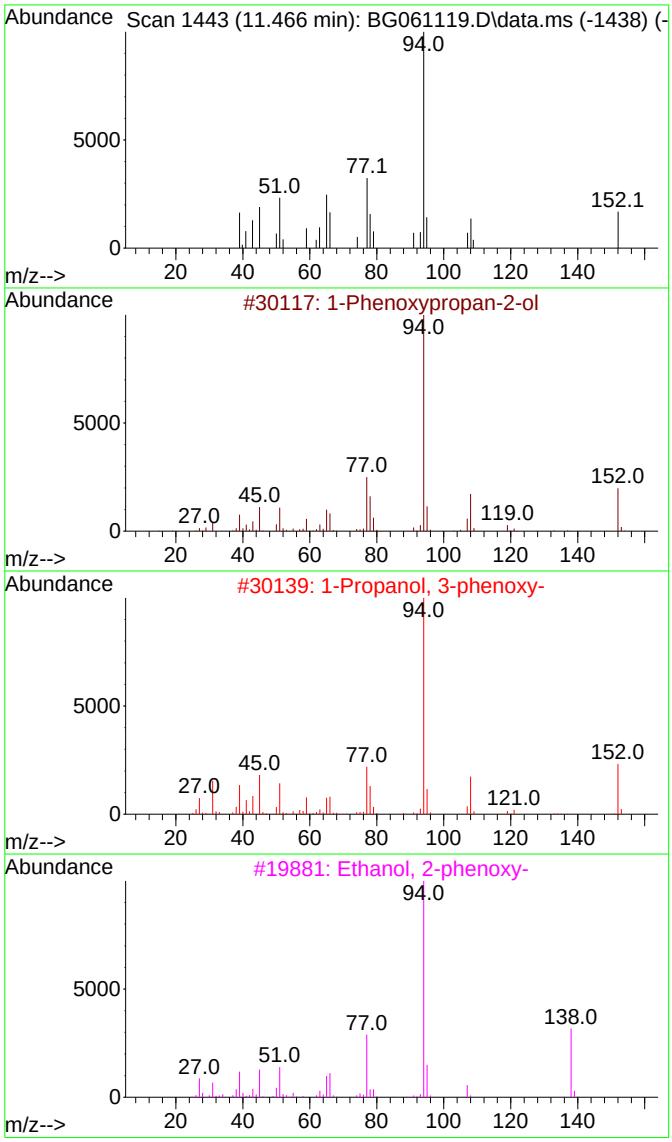
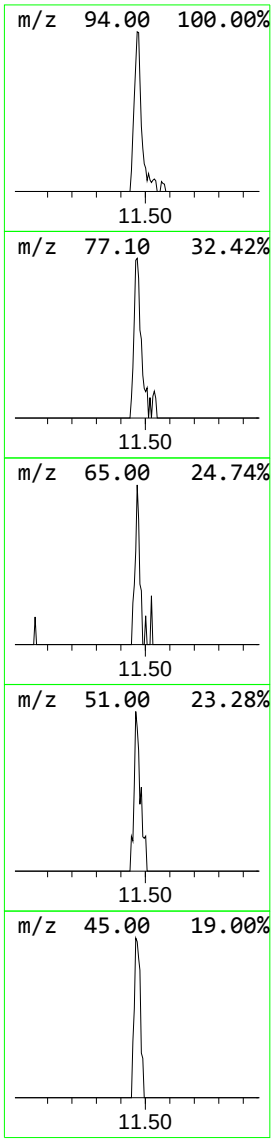
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.466	2.28 ng	28192	Naphthalene-d8	10.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	64
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59
4	3-Methylpyridazine	94	C5H6N2	001632-76-4	47
5	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	42





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Instrument :
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ClientSampleId :
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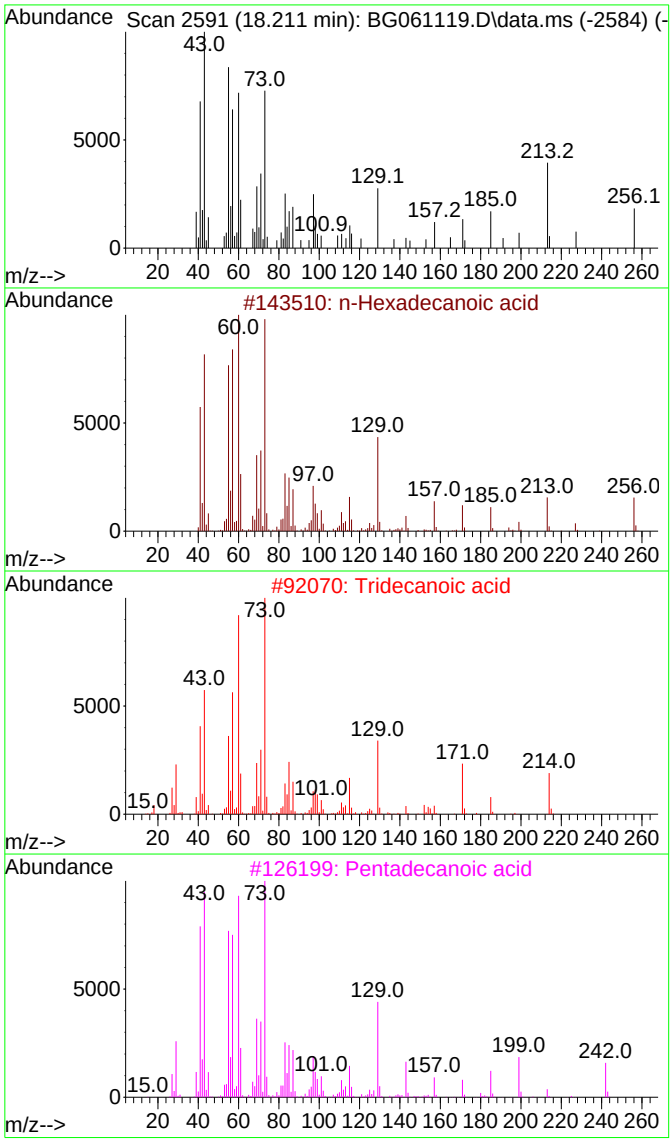
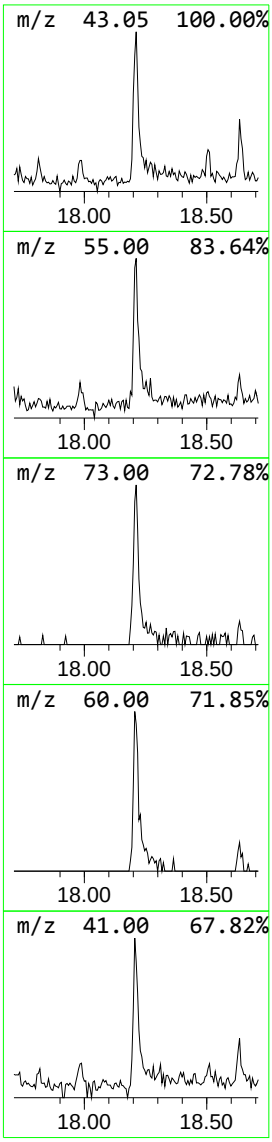
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	3.84 ng	83517	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	55
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	41
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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Sample : P2375-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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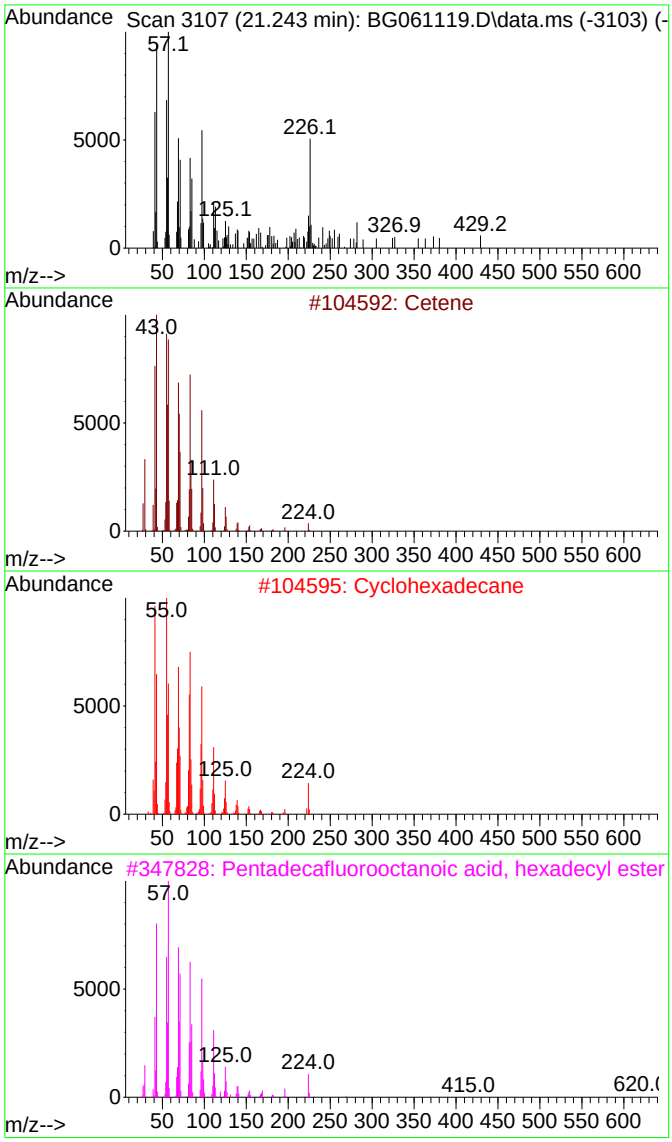
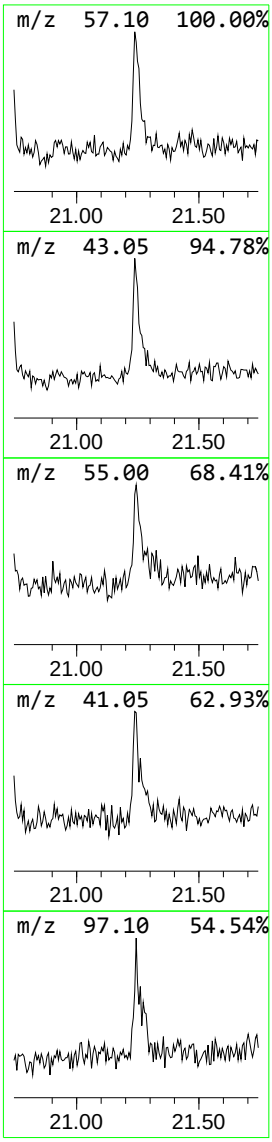
****

Peak Number 5 Cetene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.243	3.06 ng	82270	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	64
2	Cyclohexadecane	224	C16H32	000295-65-8	60
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	60
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	60
5	1-Heptacosanol	396	C27H56O	002004-39-9	55





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...	3.152	28.7	ng	257569	1	7.935	179320	20.0
unknown3.670	3.670	5.5	ng	49121	1	7.935	179320	20.0
1-Phenoxypropan...	11.466	2.3	ng	28192	2	10.726	246807	20.0
n-Hexadecanoic ...	18.211	3.8	ng	83517	4	17.312	434529	20.0
Cetene	21.243	3.1	ng	82270	5	21.572	538108	20.0