LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061192.D
Acq On : 14 May 2024 16:34
Operator : MA/JU
Sample : P2330-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G-2(5.0-6.0)

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: BG061192.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	10	15	22	rVB3	9942	21297	1.65%	0.297%
2	3.147	22	27	39	rVB	190728	326932	25.35%	4.565%
3	3.670	112	116	121	rBV	9520	13867	1.08%	0.194%
4	5.520	425	431	442	rVB	327539	510322	39.56%	7.126%
5	7.107	694	701	710	rBV	317020	547877	42.48%	7.651%
6	7.923	834	840	847	rBV	100931	170426	13.21%	2.380%
7	9.081	1028	1037	1044	rBV	205314	348118	26.99%	4.861%
8	10.497	1271	1278	1286	rBV3	13180	27224	2.11%	0.380%
9	10.720	1309	1316	1329	rVB	128689	220193	17.07%	3.075%
10	13.176	1727	1734	1744	rBV	493979	769525	59.66%	10.746%
11	13.775	1827	1836	1841	rBV4	7440	13708	1.06%	0.191%
12	14.557	1961	1969	1976	rBV	210587	322891	25.03%	4.509%
13	14.774	1998	2006	2012	rBV3	8411	18771	1.46%	0.262%
14	16.049	2215	2223	2235	rBV	449841	719783	55.80%	10.051%
15	17.301	2430	2436	2441	rBV	273111	424632	32.92%	5.930%
16	17.348	2441	2444	2448	rVB	22766	28875	2.24%	0.403%
17	18.200	2583	2589	2593	rBV5	16158	27319	2.12%	0.381%
18	18.264	2597	2600	2605	rVB7	11670	14429	1.12%	0.201%
19	18.922	2708	2712	2716	rVB2	32678	38731	3.00%	0.541%
20	19.363	2782	2787	2791	rBV	63732	92454	7.17%	1.291%
21	19.416	2791	2796	2801	rVV	104281	137849	10.69%	1.925%
22	19.721	2845	2848	2857	rVB	53483	86352	6.69%	1.206%
23	19.839	2865	2868	2871	rVB3	21245	22731	1.76%	0.317%
24	19.921	2877	2882	2888	rBV	971971	1289837	100.00%	18.012%
25	21.560	3156	3161	3167	rVB	282712	434820	33.71%	6.072%
26	24.686	3687	3693	3706	rVB2	185085	532107	41.25%	7.431%

Sum of corrected areas: 7161070

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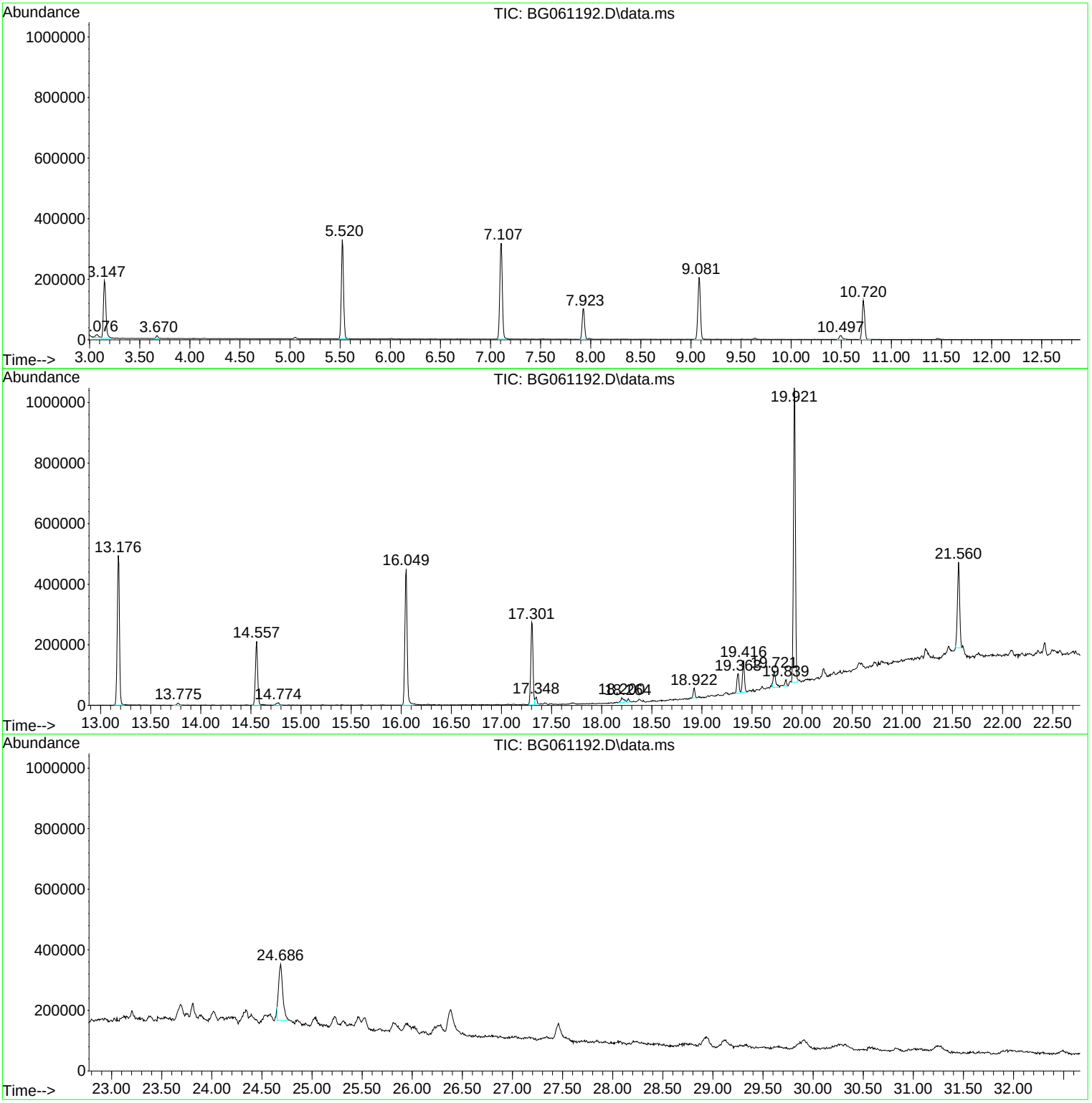
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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G-2(5.0-6.0)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

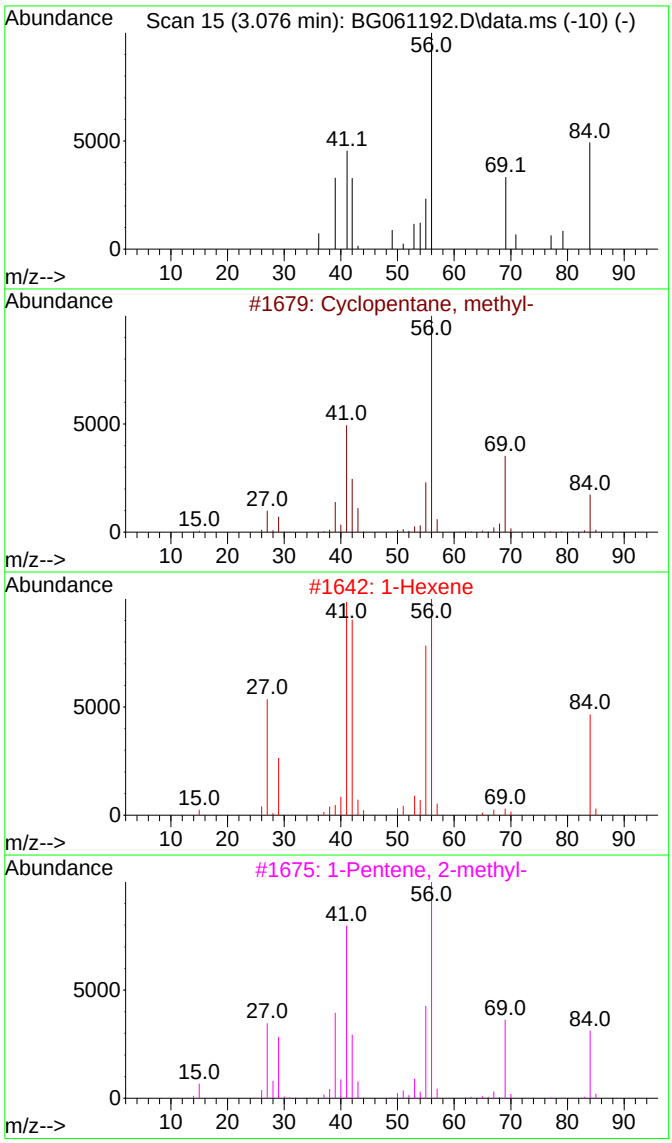
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

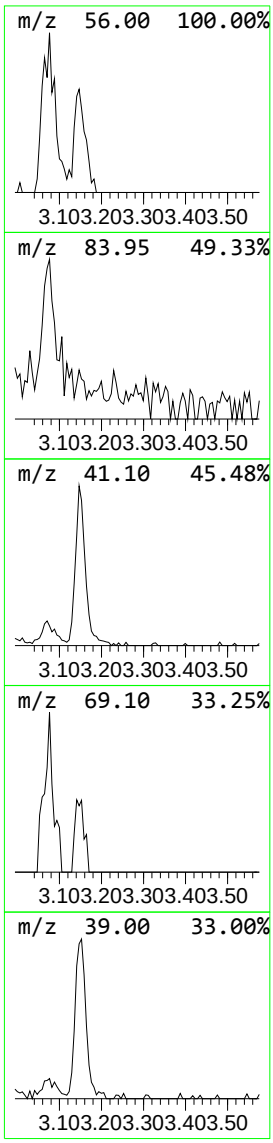
****

Peak Number 1 unknown3.076 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	2.50 ng	21297	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
2	1-Hexene	84	C6H12	000592-41-6	38
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	38
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	9
5	3-Buten-1-ol, 2-methyl-	86	C5H10O	004516-90-9	9





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G-2(5.0-6.0)

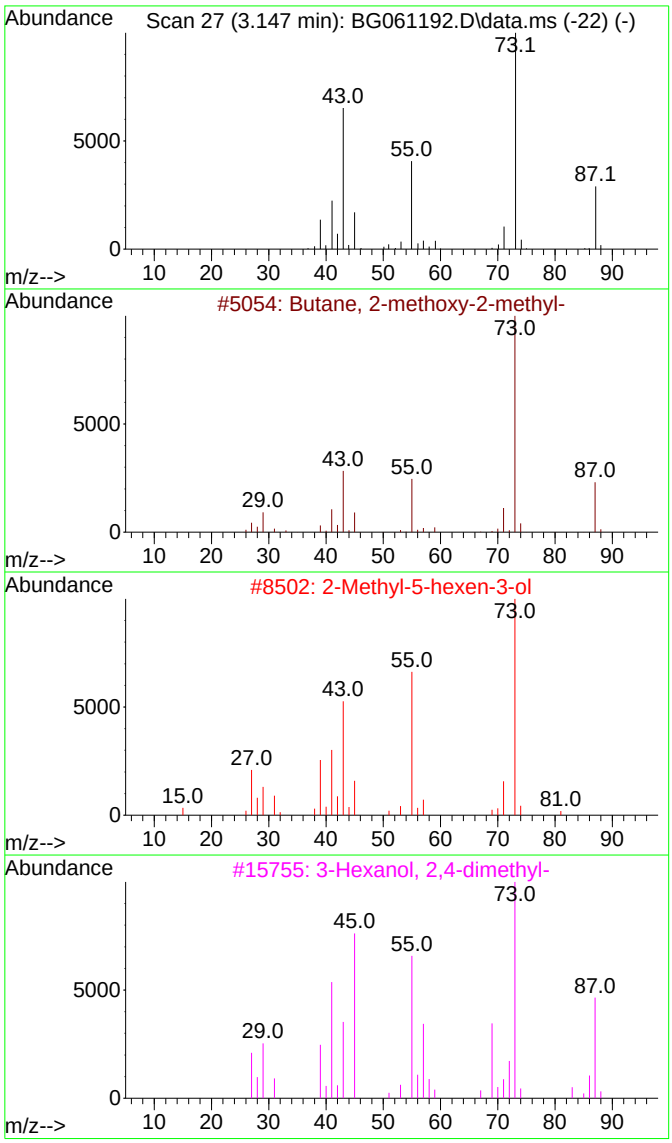
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

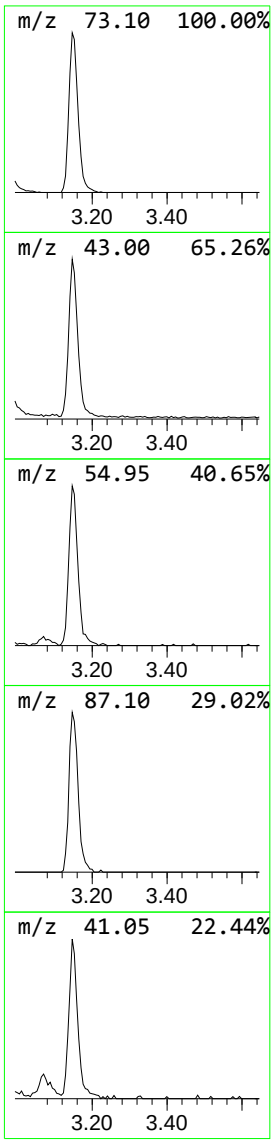
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.147	38.37 ng	326932	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36





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Sample : P2330-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G-2(5.0-6.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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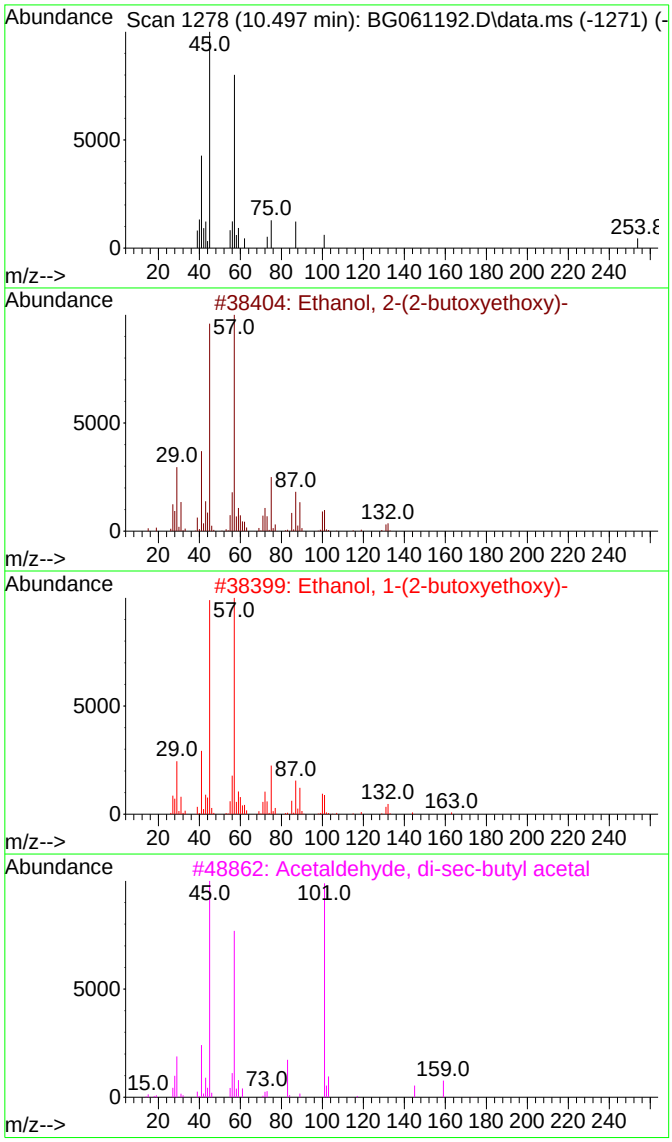
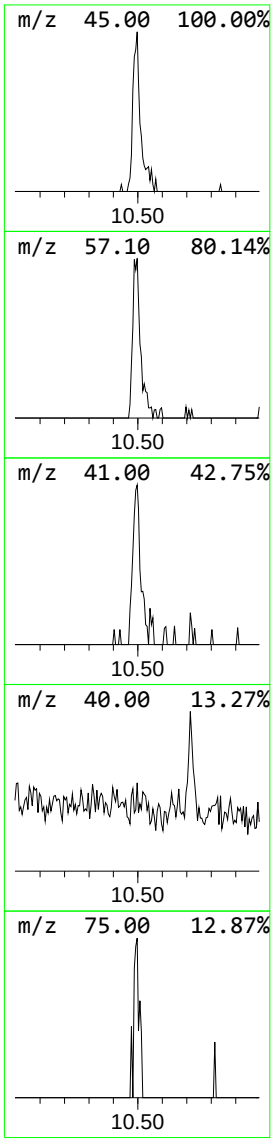
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.497	2.47 ng	27224	Naphthalene-d8	10.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	45
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	45
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G-2(5.0-6.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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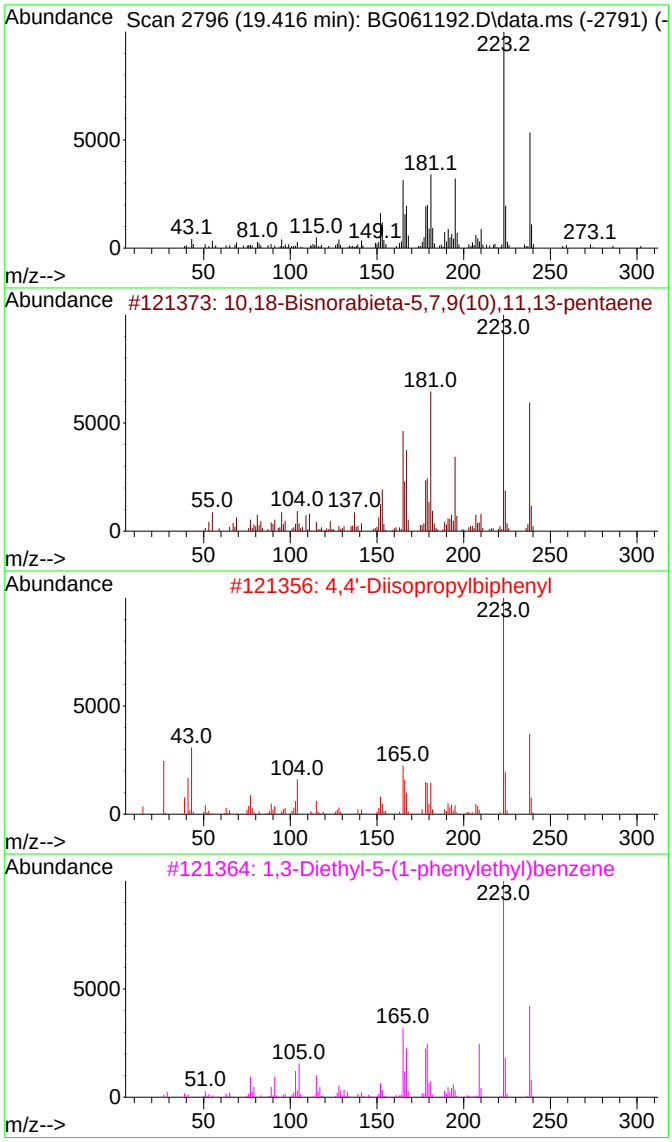
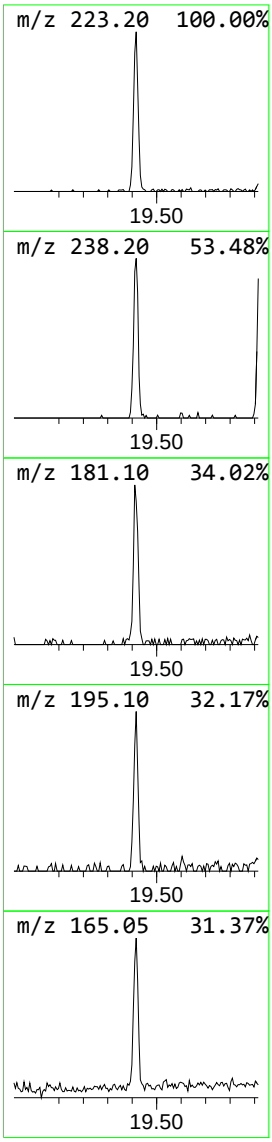
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	6.49 ng	137849	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	95
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	93
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	87
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	81
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
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BNA_G
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.076	3.076	2.5	ng	21297	1	7.929	170426	20.0
Butane, 2-metho...	3.147	38.4	ng	326932	1	7.929	170426	20.0
Ethanol, 2-(2-b...	10.497	2.5	ng	27224	2	10.720	220193	20.0
10,18-Bisnorabi...	19.416	6.5	ng	137849	4	17.301	424632	20.0