LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053146.D
Acq On : 13 Apr 2022 20:02
Operator : CG/JU
Sample : N2381-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26572

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.684	384	391	399	rBV	135627	221996	4.42%	0.754%
2	7.276	654	662	673	rBV	147074	274858	5.47%	0.933%
3	8.122	799	806	813	rBV	159713	282323	5.62%	0.959%
4	9.279	995	1003	1010	rBV	101351	181563	3.61%	0.616%
5	9.620	1051	1061	1068	rVB2	28305	50919	1.01%	0.173%
6	10.930	1273	1284	1296	rBV	210329	409972	8.15%	1.392%
7	12.962	1628	1630	1636	rVB7	32150	51356	1.02%	0.174%
8	13.368	1694	1699	1705	rVB	238837	380482	7.57%	1.292%
9	13.538	1725	1728	1731	rBV4	67999	110391	2.20%	0.375%
10	19.553	2747	2752	2759	rVB	1892555	2752201	54.74%	9.344%
11	19.918	2809	2814	2821	rVB	2340811	3657079	72.74%	12.417%
12	21.398	3063	3066	3070	rVB	351494	478049	9.51%	1.623%
13	21.451	3071	3075	3079	rVB2	387524	616666	12.27%	2.094%
14	21.768	3123	3129	3134	rBV2	1421446	3021915	60.11%	10.260%
15	21.833	3137	3140	3152	rVB	1346714	2512471	49.98%	8.530%
16	21.991	3163	3167	3174	rVB	375095	648370	12.90%	2.201%
17	24.059	3506	3519	3525	rBV2	1412240	5027400	100.00%	17.069%
18	24.306	3555	3561	3568	rVB	226066	510889	10.16%	1.735%
19	24.793	3635	3644	3656	rVB	710364	2178688	43.34%	7.397%
20	24.946	3659	3670	3682	rVV	846995	2643258	52.58%	8.974%
21	25.087	3685	3694	3701	rVV3	234831	865574	17.22%	2.939%
22	25.169	3702	3708	3723	rVB3	281146	957685	19.05%	3.252%
23	28.882	4327	4340	4359	rVB2	315781	1618908	32.20%	5.497%

Sum of corrected areas: 29453013

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
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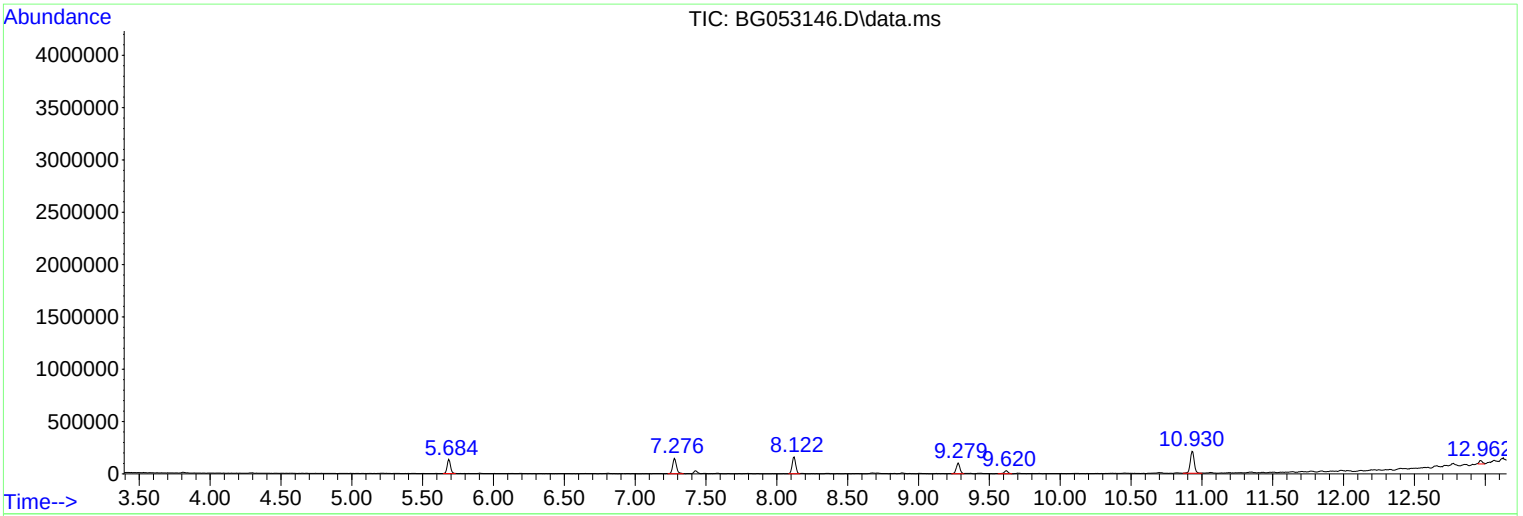
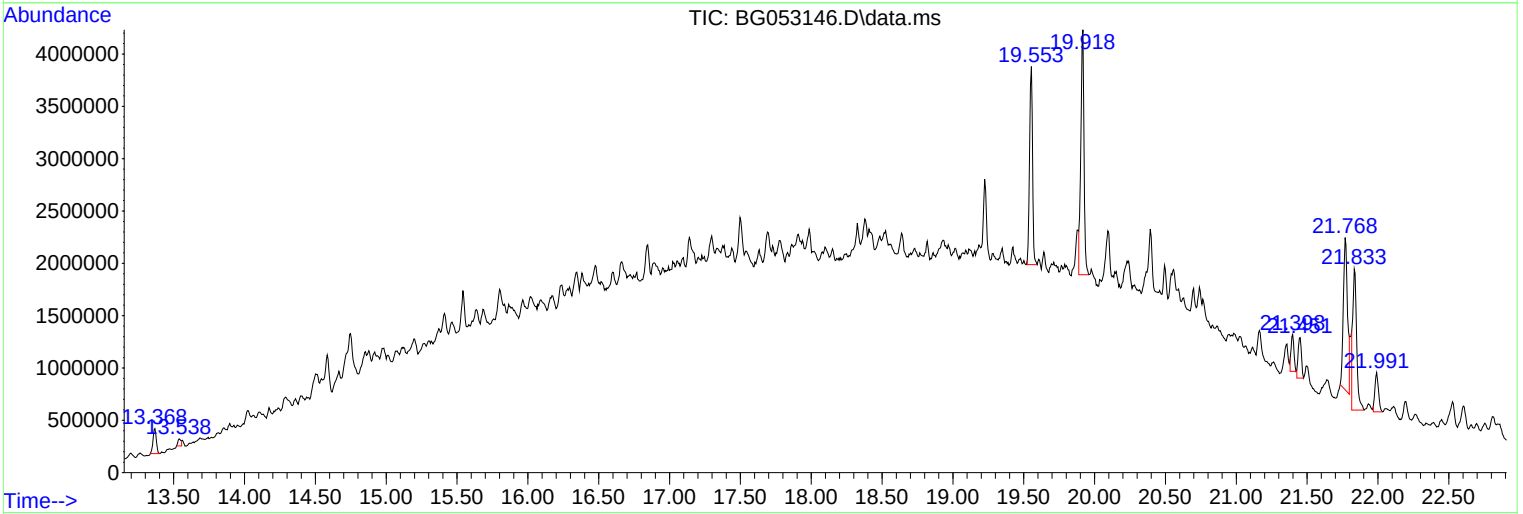
Misc :
ALS Vial : 17 Sample Multiplier: 1

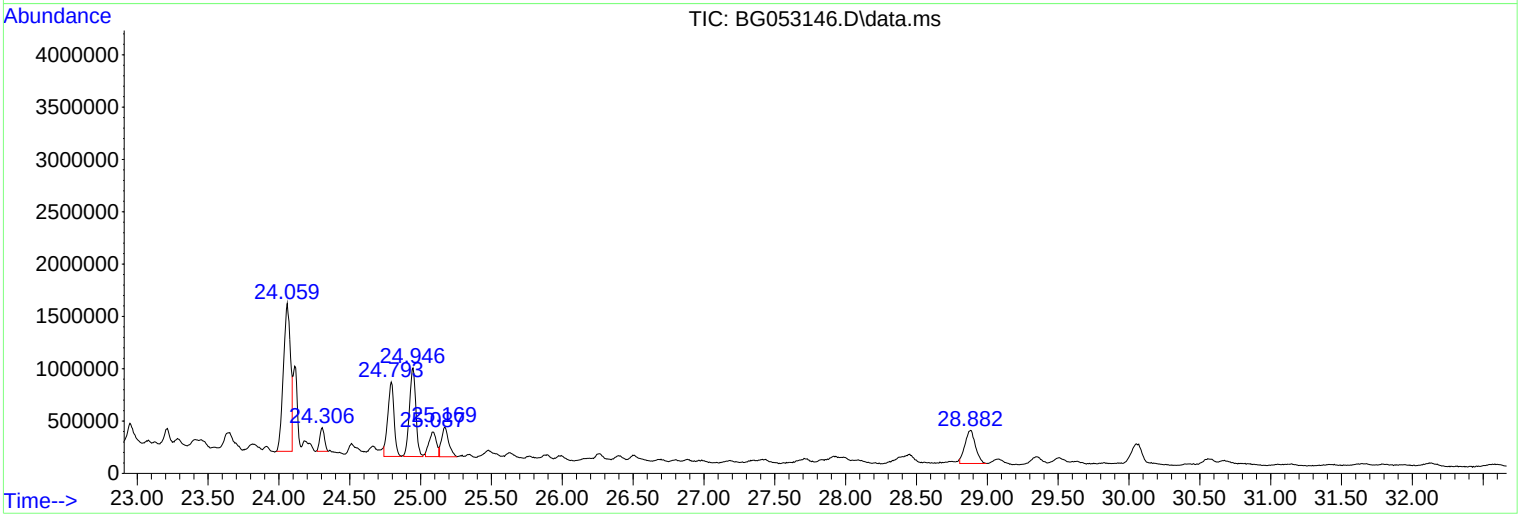
Instrument :
BNA_G
ClientSampleId :
26572

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053146.D
Acq On : 13 Apr 2022 20:02
Operator : CG/JU
Sample : N2381-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

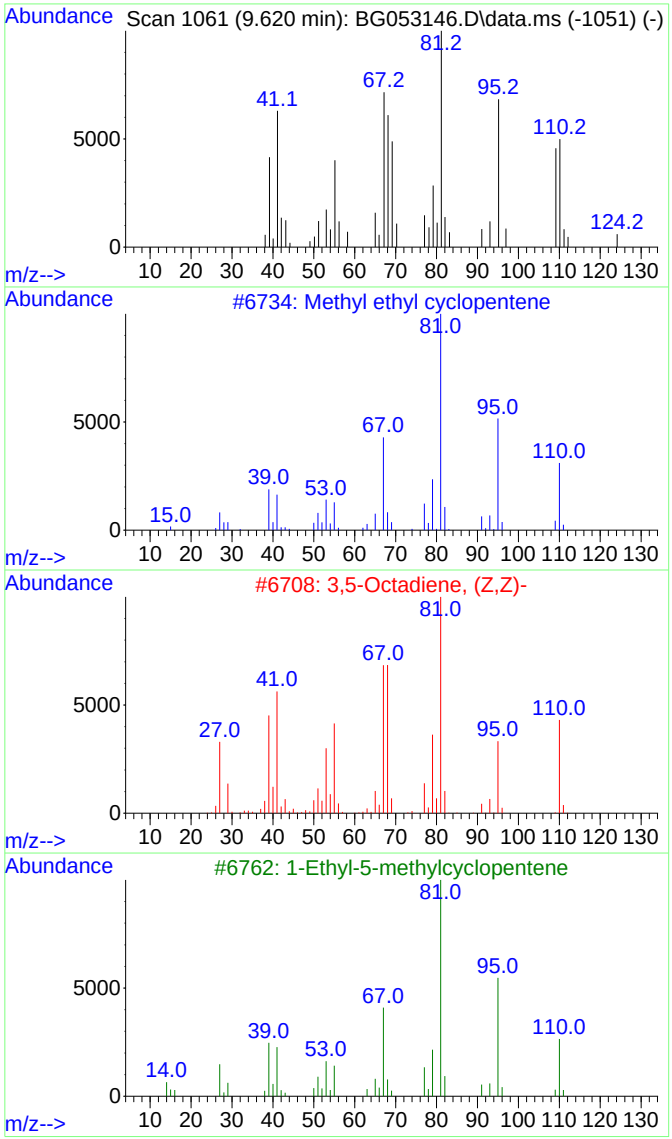
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

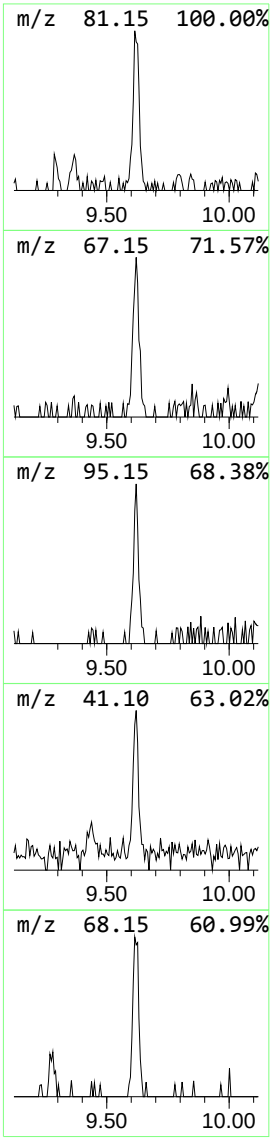
****

Peak Number 1 Methyl ethyl cyclopentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.620	2.48 ng	50919	Naphthalene-d8	10.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	64
2	3,5-Octadiene, (Z,Z)-	110	C8H14	007348-80-3	64
3	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	55
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	43
5	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
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Operator : CG/JU
Sample : N2381-01
Misc :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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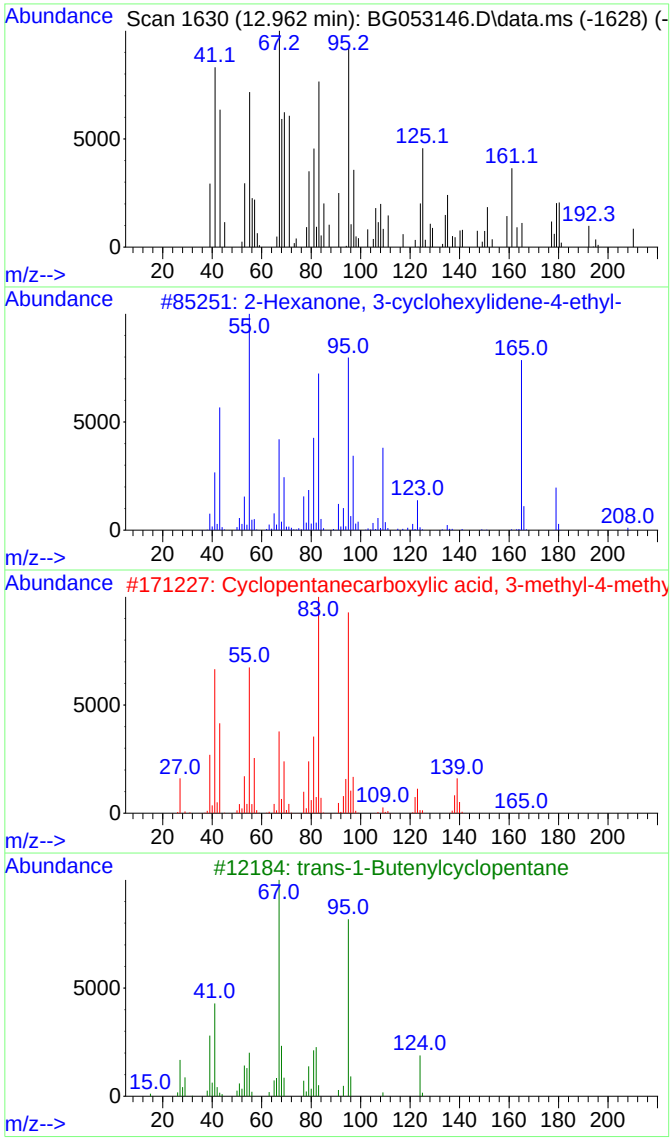
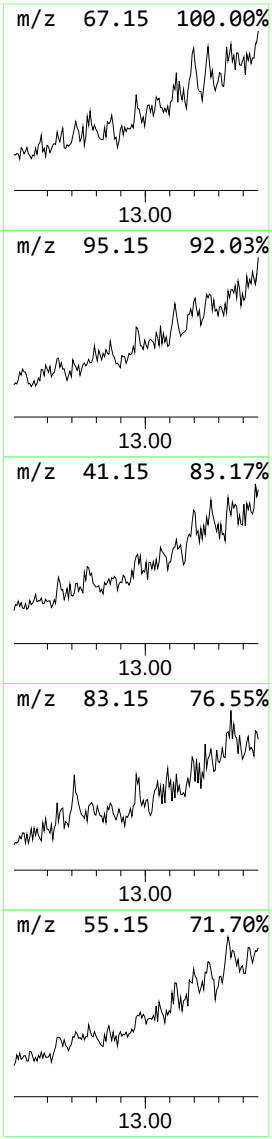
Peak Number 2 unknown12.962 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.962	9.30 ng	51356	Acenaphthene-d10	14.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-cyclohexylidene-4-...	208	C14H24O	1000150-19-2	43
2	Cyclopentanecarboxylic acid, 3-m...	278	C18H30O2	1000152-25-8	35
3	trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	35
4	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	27
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053146.D
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Sample : N2381-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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TIC Library : C:\Database\NIST20.L
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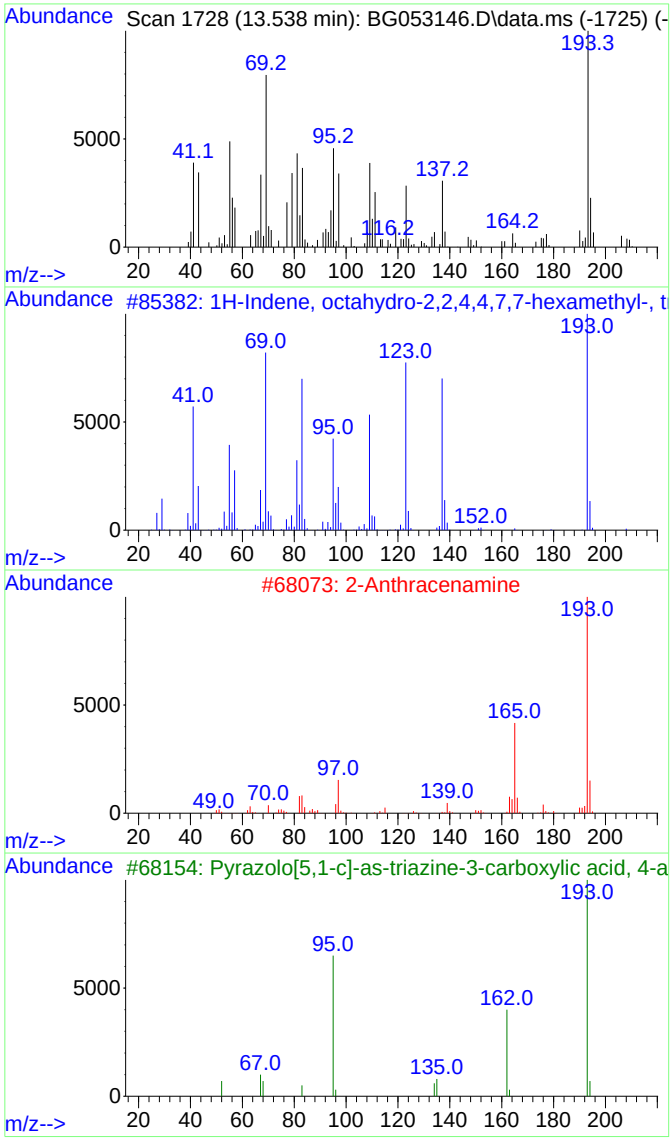
Peak Number 3 unknown13.538 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	20.00 ng	110391	Acenaphthene-d10	14.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
2	2-Anthracenamine	193	C14H11N	000613-13-8	25
3	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	22
4	1-Cyclopentylethanol, pentafluor...	260	C10H13F5O2	1000364-12-0	14
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053146.D
Acq On : 13 Apr 2022 20:02
Operator : CG/JU
Sample : N2381-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26572

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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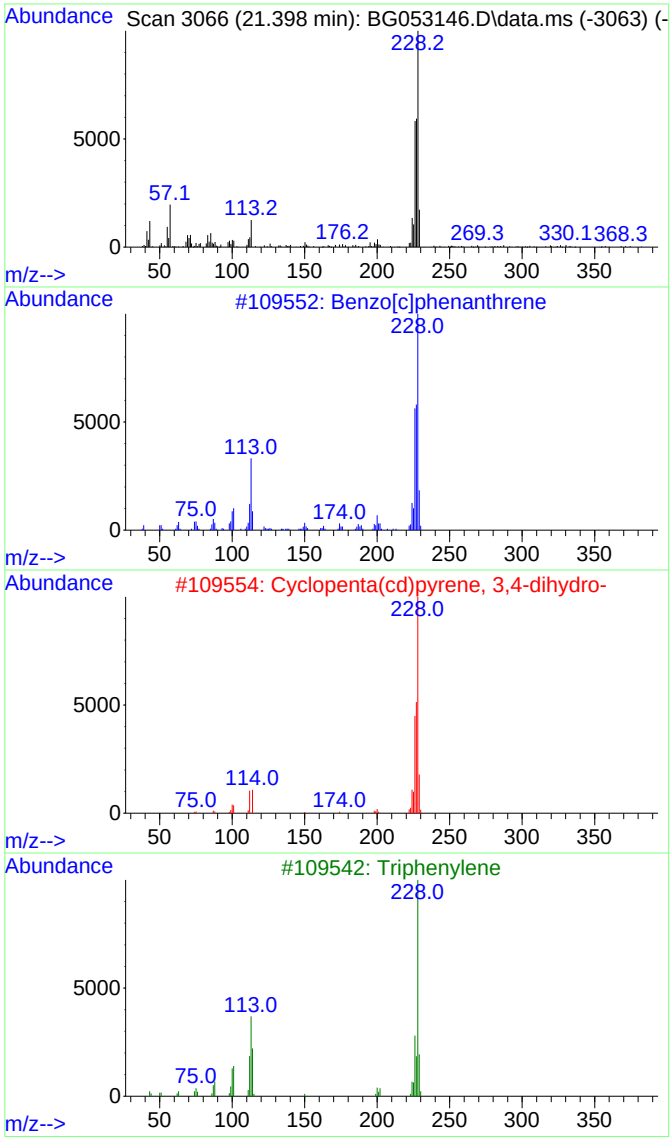
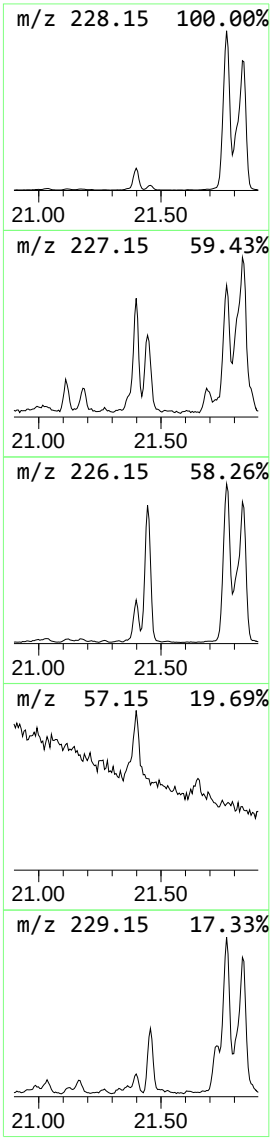
Peak Number 4 Benzo[c]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.398	3.16 ng	478049	Chrysene-d12	21.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	89
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	86
3	Triphenylene	228	C18H12	000217-59-4	53
4	Chrysene	228	C18H12	000218-01-9	53
5	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053146.D
Acq On : 13 Apr 2022 20:02
Operator : CG/JU
Sample : N2381-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26572

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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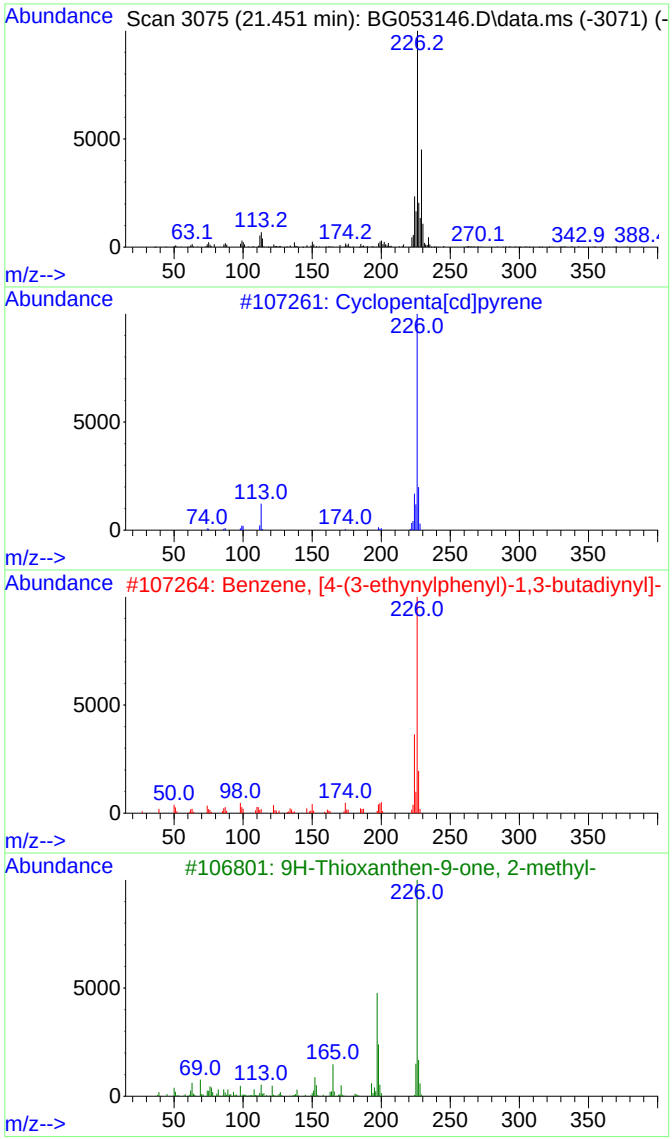
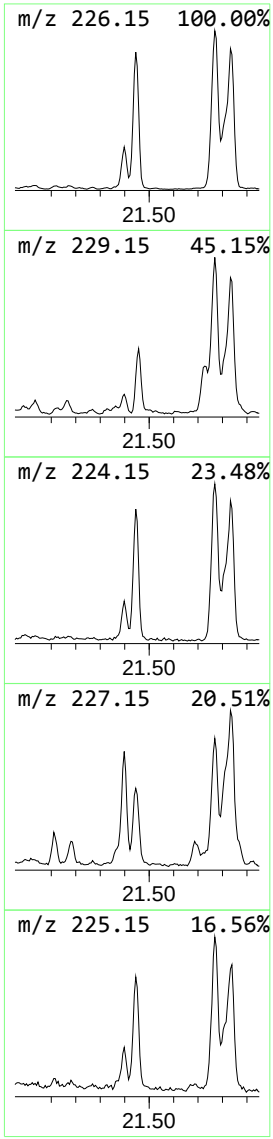
Peak Number 5 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	4.08 ng	616666	Chrysene-d12	21.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	37





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26572

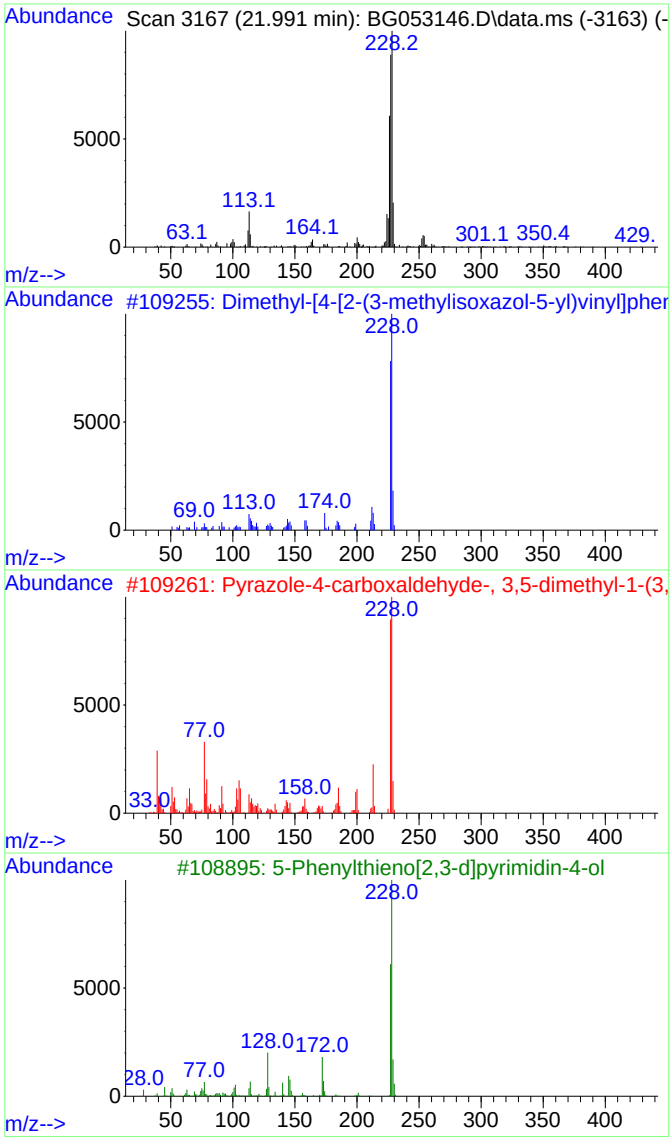
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

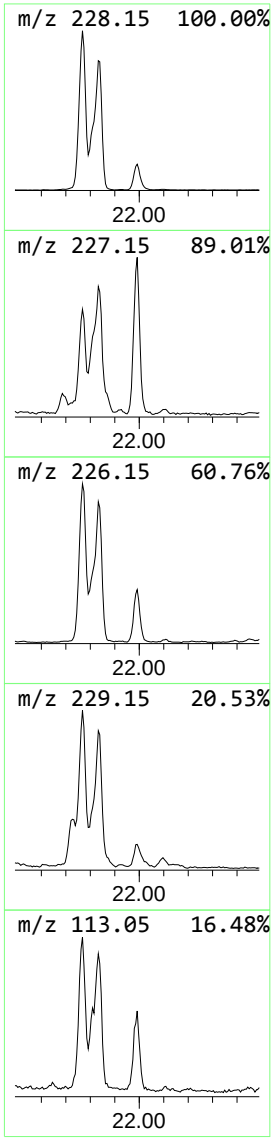
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dimethyl-[4-[2-(3-methyliso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.991	4.29 ng	648370	Chrysene-d12	21.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	53
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	53
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	53
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Chrysene	228	C18H12	000218-01-9	46





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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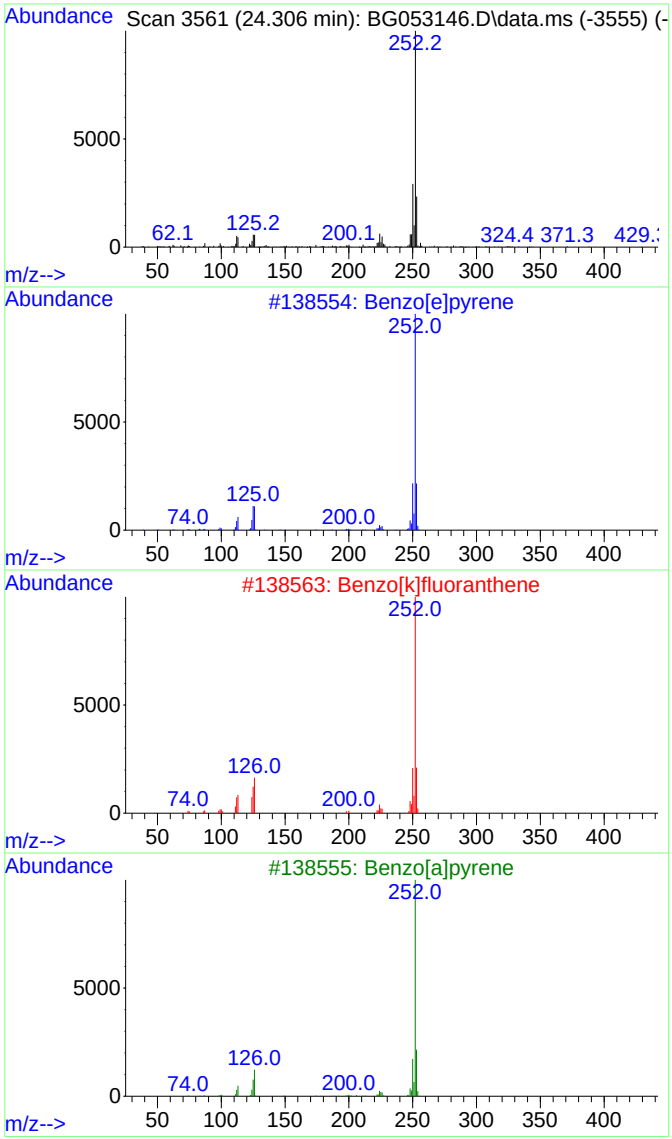
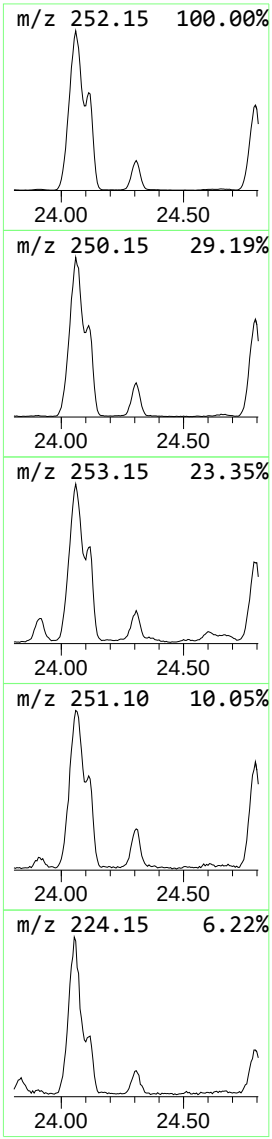
Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.306	11.80 ng	510889	Perylene-d12	25.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	76





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TIC Library : C:\Database\NIST20.L
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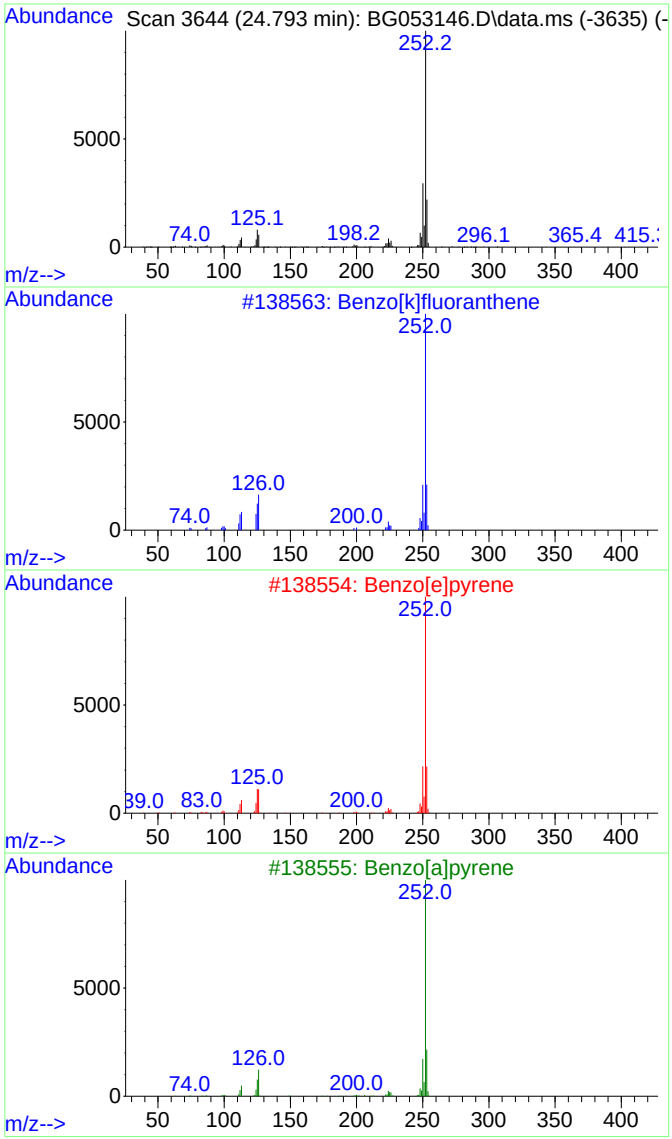
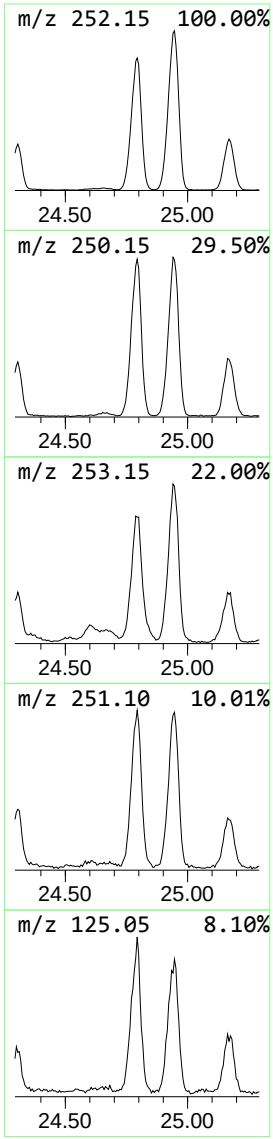
Peak Number 8 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.793	50.34 ng	2178690	Perylene-d12	25.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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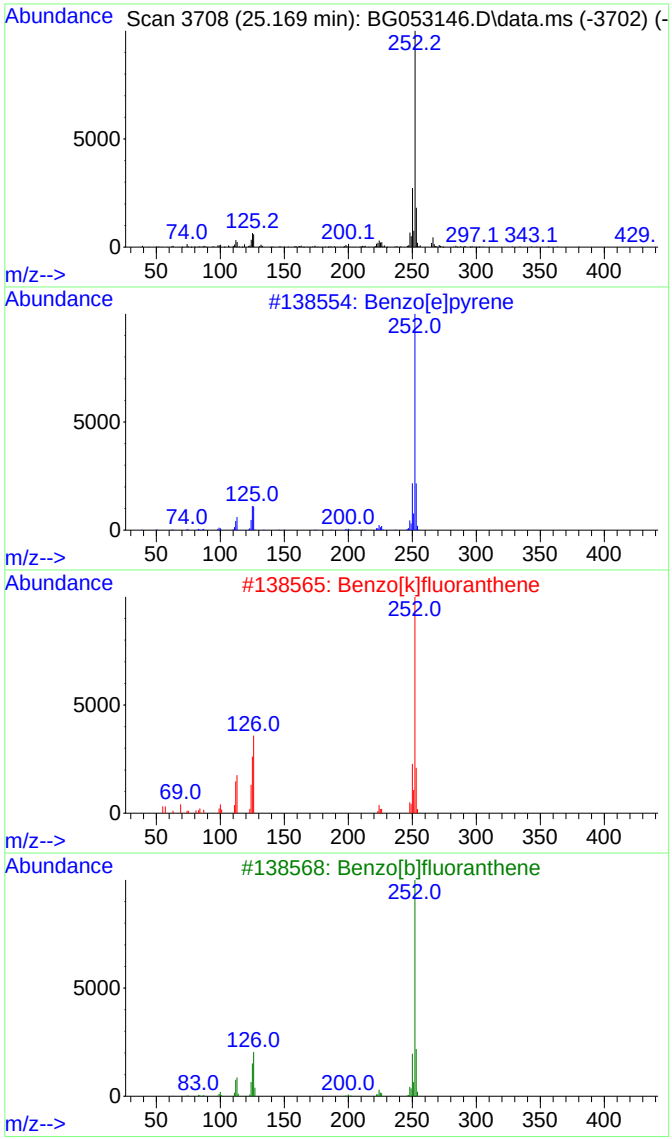
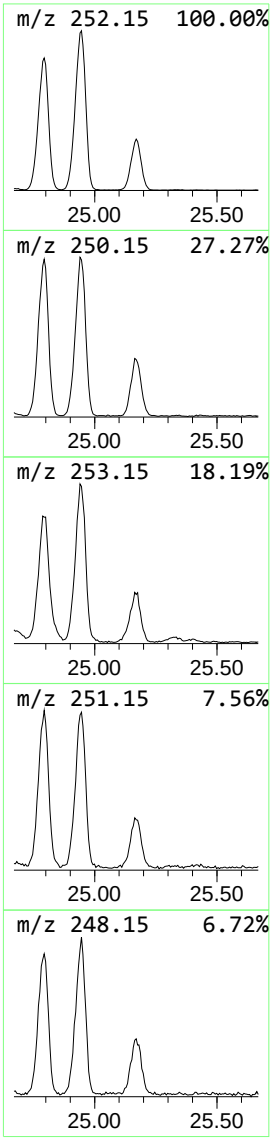
Peak Number 9 unknown25.169 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.169	22.13 ng	957685	Perylene-d12	25.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053146.D
Acq On : 13 Apr 2022 20:02
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl ethyl cy...	9.620	2.5	ng	50919	2	10.930	409972	20.0
unknown12.962	12.962	9.3	ng	51356	3	14.748	110391	20.0
unknown13.538	13.538	20.0	ng	110391	3	14.748	110391	20.0
Benzo[c]phenant...	21.398	3.2	ng	478049	5	21.786	3021920	20.0
Cyclopenta[cd]p...	21.451	4.1	ng	616666	5	21.786	3021920	20.0
Dimethyl-[4-[2-...	21.991	4.3	ng	648370	5	21.786	3021920	20.0
Benzo[e]pyrene	24.306	11.8	ng	510889	6	25.093	865574	20.0
Benzo[j]fluoran...	24.793	50.3	ng	2178690	6	25.093	865574	20.0
unknown25.169	25.169	22.1	ng	957685	6	25.093	865574	20.0