

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
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Quant Time: Sep 03 03:54:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	26288	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	106160	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.612	164	70640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	148931	20.000	ng/ul	0.00
79) Chrysene-d12	21.638	240	150316	20.000	ng/ul	0.00
88) Perylene-d12	24.863	264	155118	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2043m	4.008	ng/uL	0.00
4) Pyridine-d5	3.751	84	7903m	5.147	ng/ul	0.00
7) Phenol-d5	7.123	99	37294	16.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	23668	19.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	28745	17.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.673	113	28770	16.365	ng/ul	0.00
21) Nitrobenzene-d5	9.126	128	15513	18.849	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	17208	17.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.406	165	27862	15.940	ng/ul	0.00
31) 4-Chloroaniline-d4	10.912	131	35785	15.041	ng/ul	0.00
46) Dimethylphthalate-d6	14.013	166	96478	17.846	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	120228	18.967	ng/ul	0.00
54) 4-Nitrophenol-d4	14.859	143	10078m	12.885	ng/ul	0.01
60) Fluorene-d10	15.605	176	85566	18.668	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	12094	12.622	ng/ul	0.00
73) Anthracene-d10	17.467	188	137694	20.589	ng/ul	0.00
81) Pyrene-d10	19.758	212	168742	20.773	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.640	264	158519	19.262	ng/ul	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.966	107	2666m	1.259	ng/ul	
30) Naphthalene	10.823	128	16026	3.020	ng/ul#	92
36) 2-Methylnaphthalene	12.433	142	15008	3.805	ng/ul	90
37) 1-Methylnaphthalene	12.656	142	12225	3.071	ng/ul#	94
56) Dibenzofuran	15.018	168	6991	1.201	ng/ul	93
72) Phenanthrene	17.415	178	21740	2.928	ng/ul	93
80) Fluoranthene	19.424	202	20495	2.045	ng/ul#	96
82) Pyrene	19.788	202	21632m	2.178	ng/ul	
85) Benzo(a)anthracene	21.615	228	13551m	1.447	ng/ul	
87) Chrysene	21.685	228	17839	2.015	ng/ul	98
90) Benzo(b)fluoranthene	23.841	252	25097	2.529	ng/ul#	93
93) Benzo(a)pyrene	24.716	252	13264	1.539	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.552	276	12592m	1.108	ng/ul	
96) Benzo(g,h,i)perylene	29.680	276	10072m	1.054	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

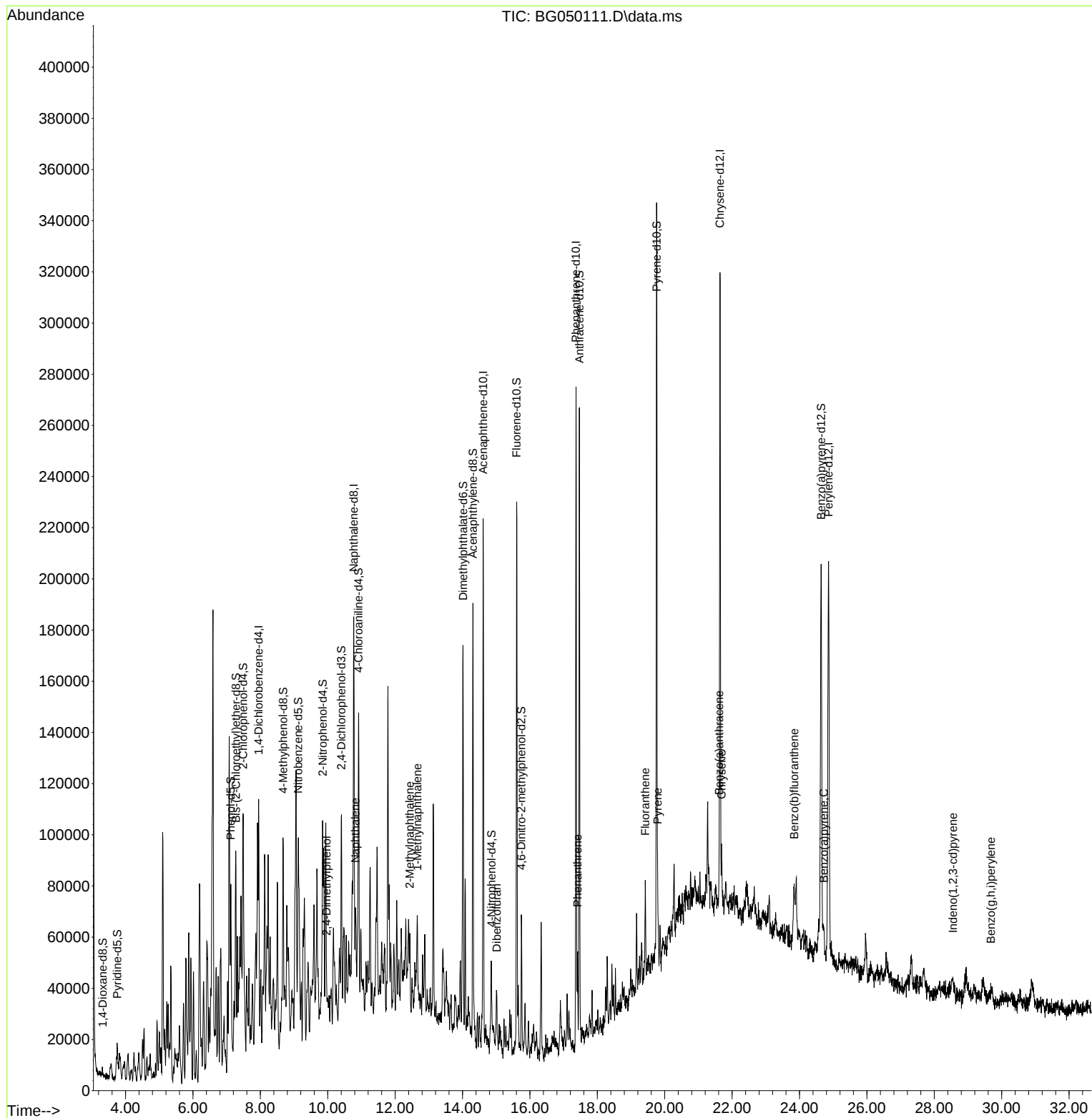
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Data File : BG050111.D
Acq On : 3 Sep 2021 00:37
Operator : CG/JU
Sample : M3526-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

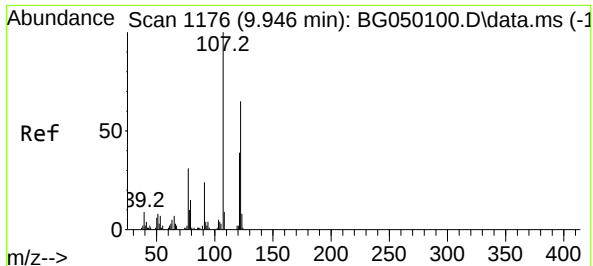
Instrument :
BNA_G
ClientSampled :
EW7B6

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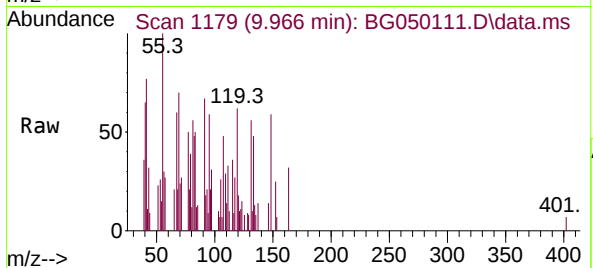
Quant Time: Sep 03 03:54:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 1.259 ng/ul m
RT: 9.966 min Scan# 1179
Delta R.T. 0.014 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

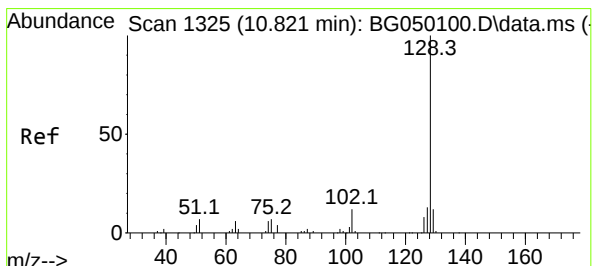
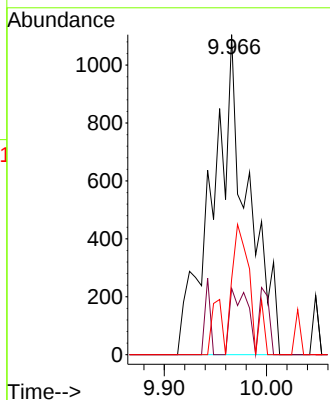
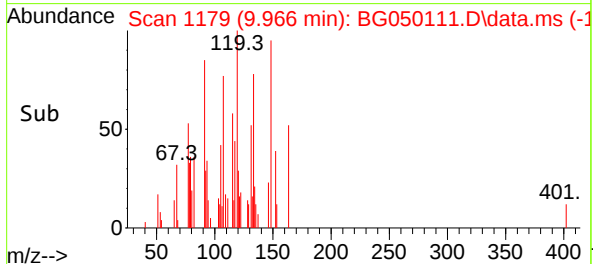
Instrument :
BNA_G
ClientSampled :
EW7B6



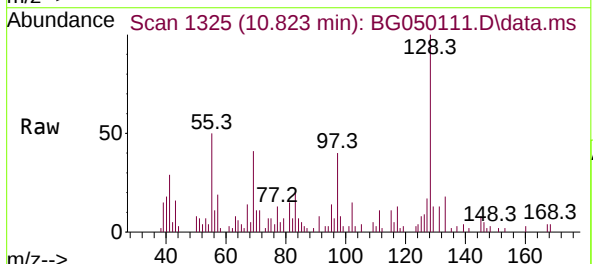
Tgt Ion:107 Resp: 2666
Ion Ratio Lower Upper
107 100
121 20.7 32.7 49.1#
122 23.6 52.6 79.0#

Manual Integrations
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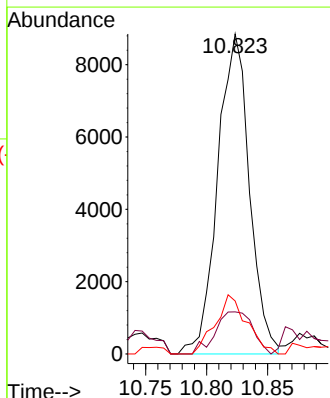
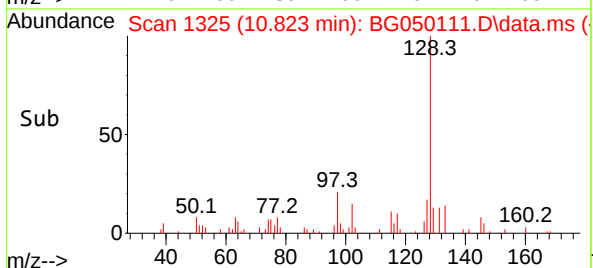
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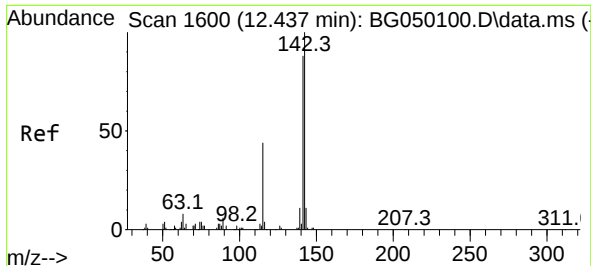


#30
Naphthalene
Concen: 3.020 ng/ul
RT: 10.823 min Scan# 1325
Delta R.T. -0.004 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37



Tgt Ion:128 Resp: 16026
Ion Ratio Lower Upper
128 100
129 13.2 9.3 13.9
127 16.6 9.8 14.6#





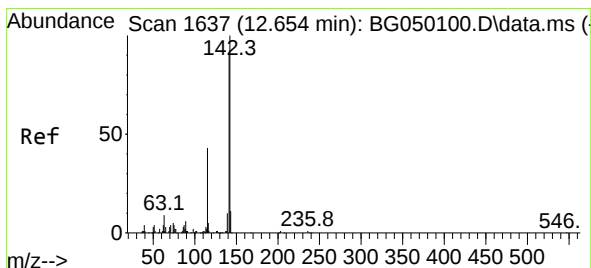
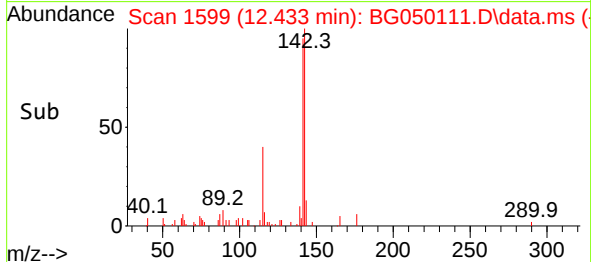
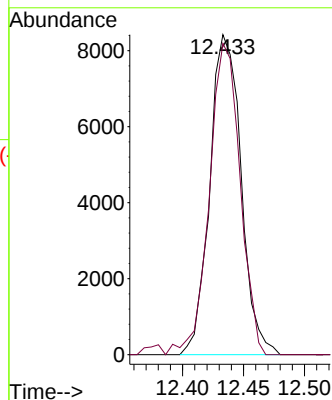
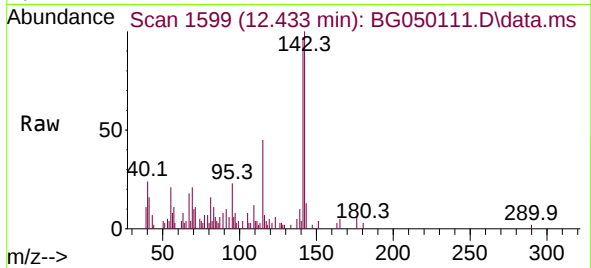
#36
2-Methylnaphthalene
Concen: 3.805 ng/ul
RT: 12.433 min Scan# 1599
Delta R.T. -0.010 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

Tgt Ion:142 Resp: 15008
Ion Ratio Lower Upper
142 100
141 97.3 70.5 105.7

Instrument :
BNA_G
ClientSampleId :
EW7B6

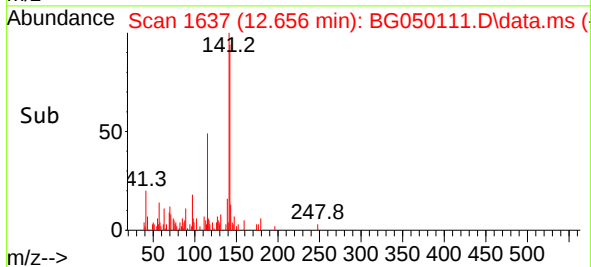
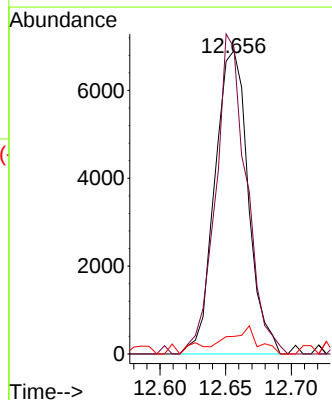
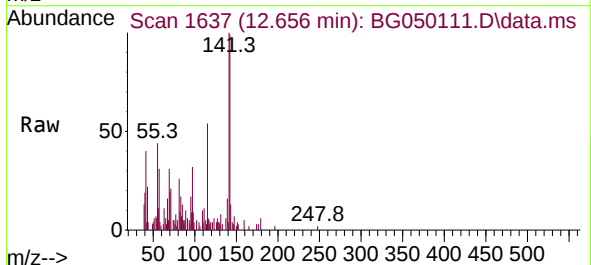
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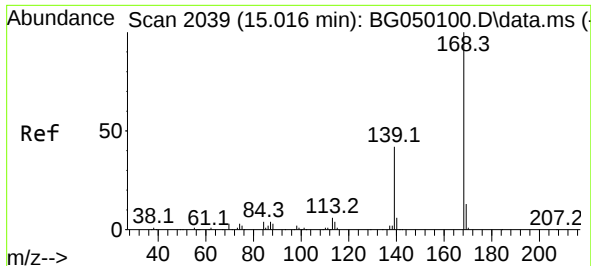
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#37
1-Methylnaphthalene
Concen: 3.071 ng/ul
RT: 12.656 min Scan# 1637
Delta R.T. -0.004 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

Tgt Ion:142 Resp: 12225
Ion Ratio Lower Upper
142 100
141 100.9 75.8 113.8
116 5.8 3.7 5.5#





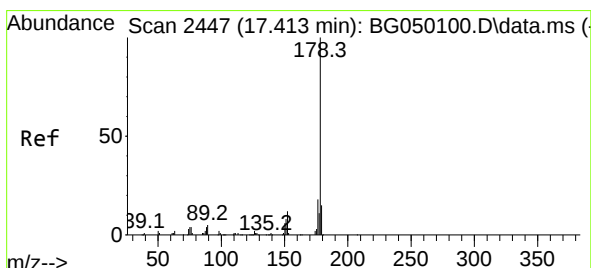
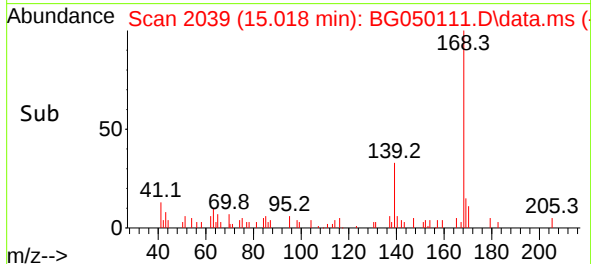
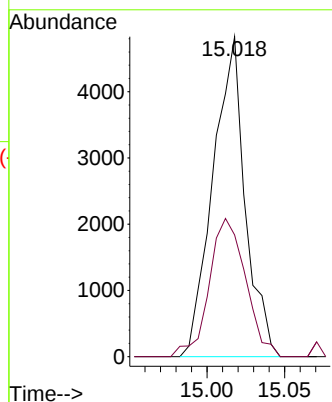
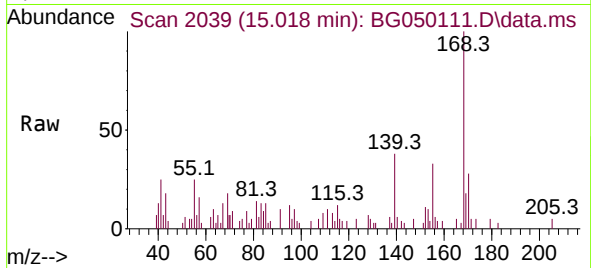
#56
Dibenzenofuran
Concen: 1.201 ng/ul
RT: 15.018 min Scan# 2039
Delta R.T. -0.004 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

Instrument :
BNA_G
ClientSampled :
EW7B6

Tgt Ion:168 Resp: 6991
Ion Ratio Lower Upper
168 100
139 38.0 33.8 50.8

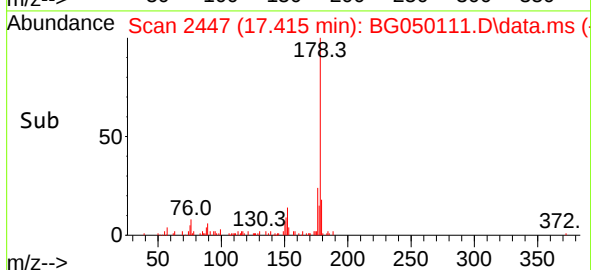
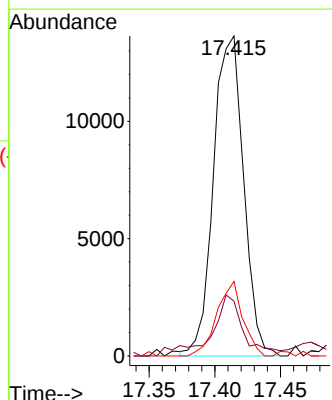
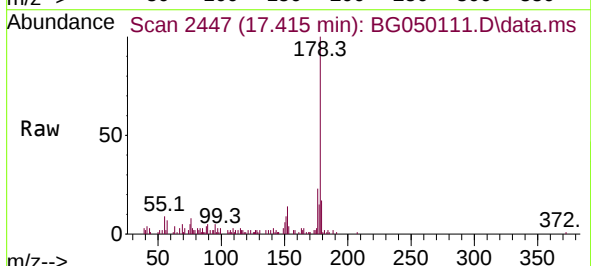
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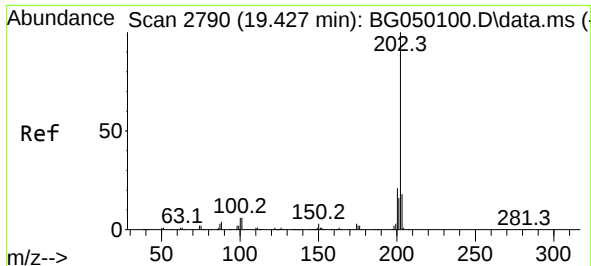
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#72
Phenanthrene
Concen: 2.928 ng/ul
RT: 17.415 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

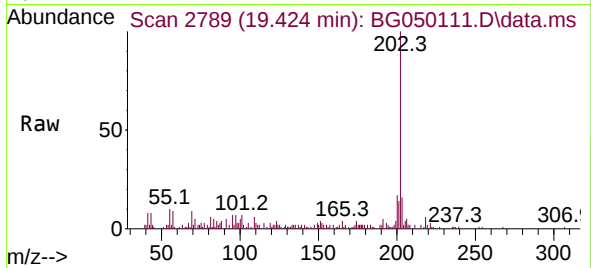
Tgt Ion:178 Resp: 21740
Ion Ratio Lower Upper
178 100
179 17.2 11.7 17.5
176 23.3 16.2 24.2





#80
Fluoranthene
Concen: 2.045 ng/ul
RT: 19.424 min Scan# 2789
Delta R.T. -0.010 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

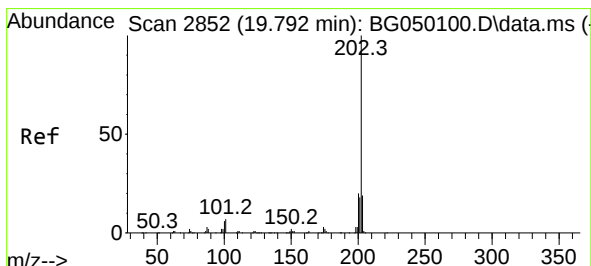
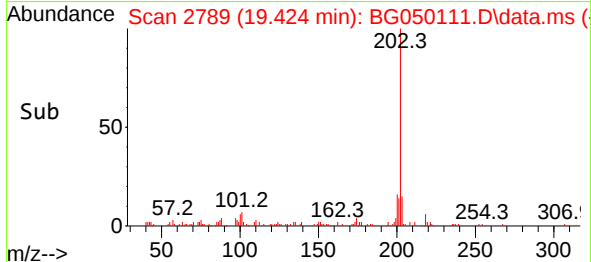
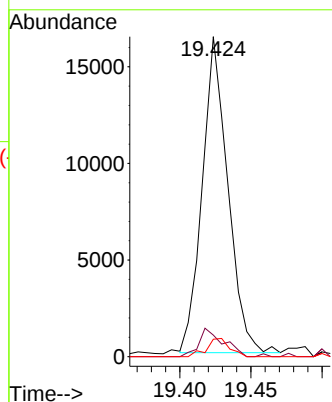
Instrument :
BNA_G
ClientSampled :
EW7B6



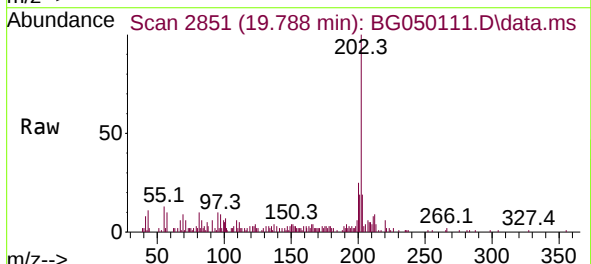
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.3	6.5#
100	5.5	3.5	5.3#

Manual Integrations
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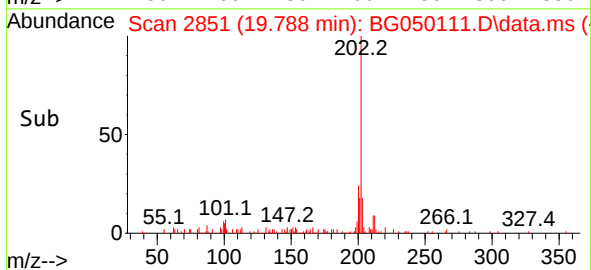
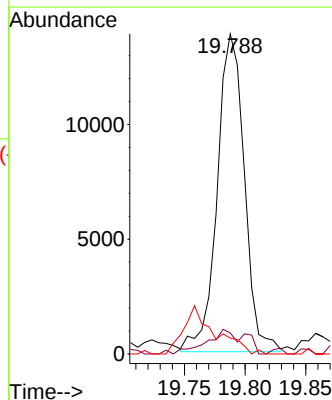
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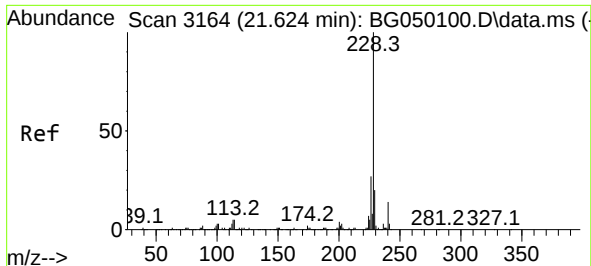


#82
Pyrene
Concen: 2.178 ng/ul m
RT: 19.788 min Scan# 2851
Delta R.T. -0.009 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

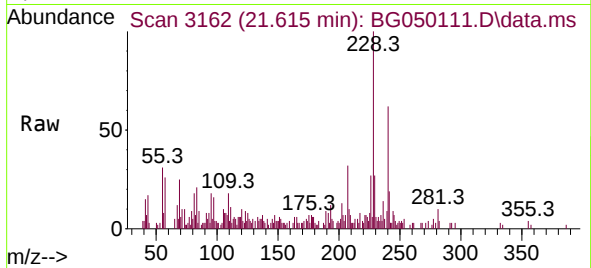


Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.4	8.0
100	4.9	5.0	7.6#

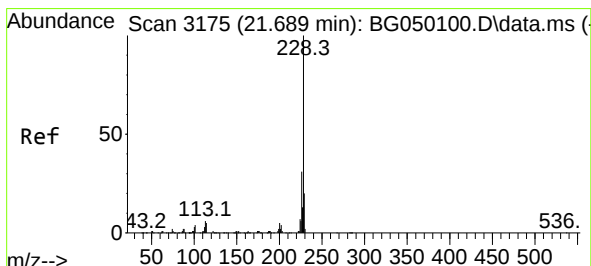
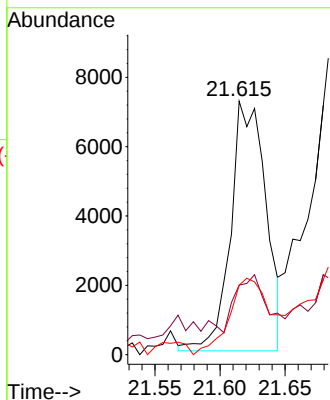
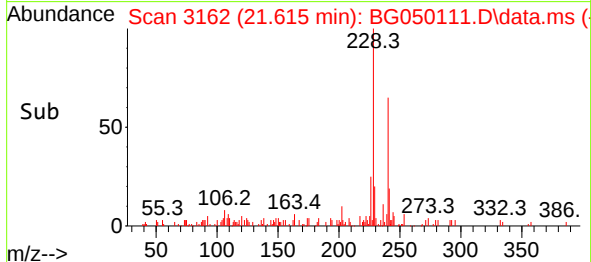




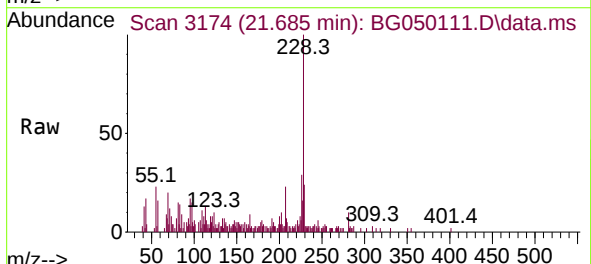
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Benzo(a)anthracene
Concen: 1.447 ng/ul m
RT: 21.615 min Scan# 3162
Delta R.T. -0.015 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37



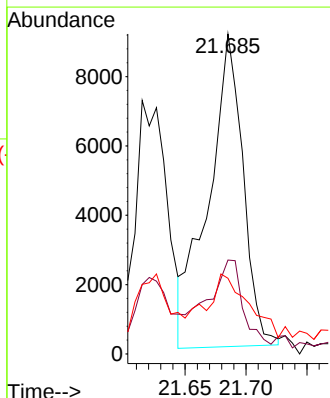
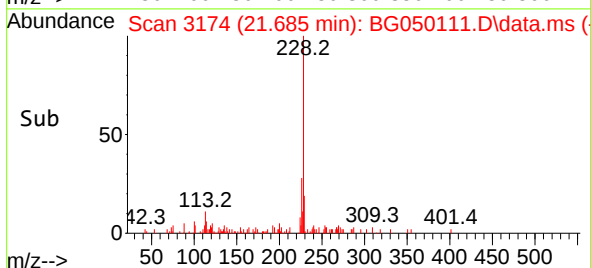
Tgt Ion:228 Resp: 13551
Ion Ratio Lower Upper
228 100
229 27.5 16.2 24.4#
226 27.4 21.0 31.4



#87
Chrysene
Concen: 2.015 ng/ul
RT: 21.685 min Scan# 3174
Delta R.T. -0.010 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37



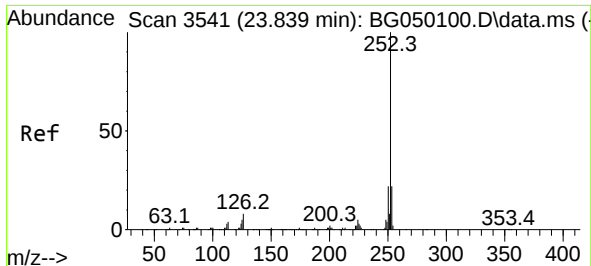
Tgt Ion:228 Resp: 17839
Ion Ratio Lower Upper
228 100
226 29.4 23.0 34.4
229 23.6 17.8 26.6



Instrument :
BNA_G
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EW7B6

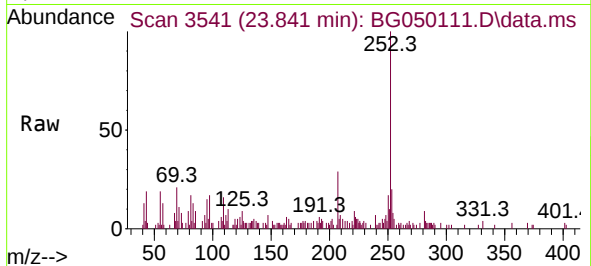
Manual Integrations
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#90
Benzo(b)fluoranthene
Concen: 2.529 ng/ul
RT: 23.841 min Scan# 3541
Delta R.T. -0.004 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

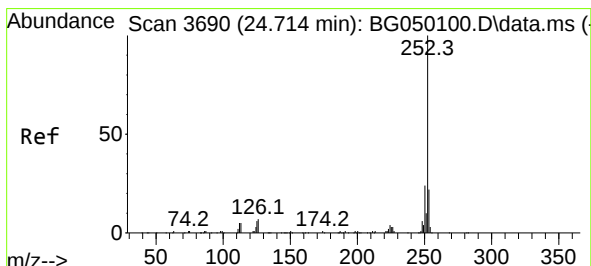
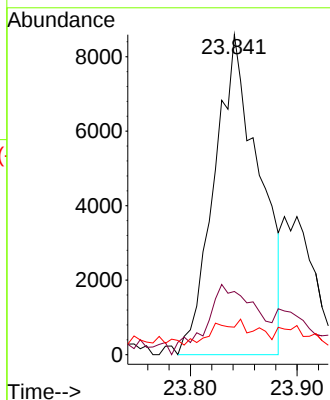
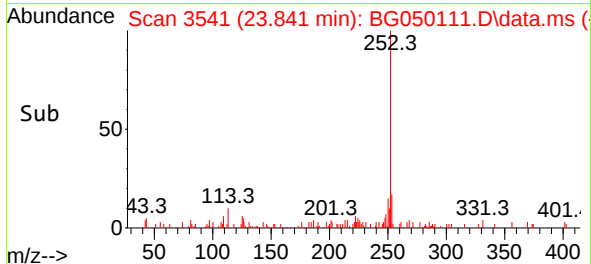
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BNA_G
ClientSampled :
EW7B6



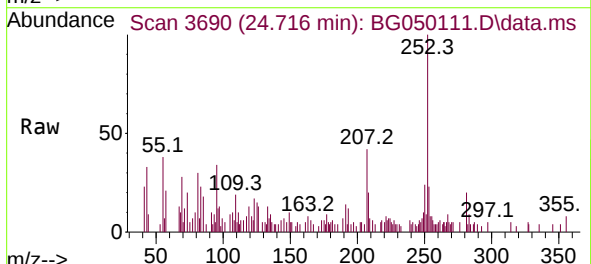
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Ion Ratio Lower Upper
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253 19.7 18.1 27.1
125 8.6 3.4 5.0#

Manual Integrations
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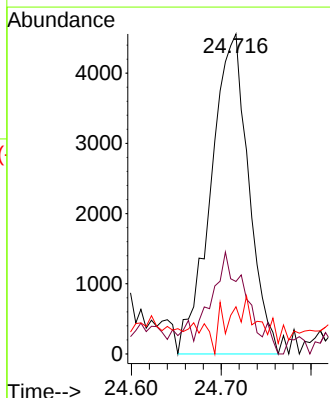
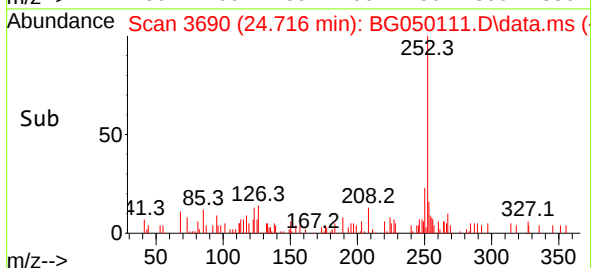
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9/3/2021 3:32:11 PM

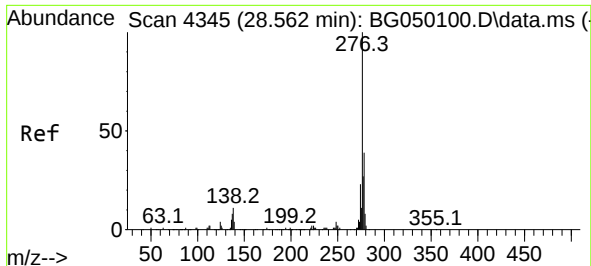


#93
Benzo(a)pyrene
Concen: 1.539 ng/ul
RT: 24.716 min Scan# 3690
Delta R.T. -0.004 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37



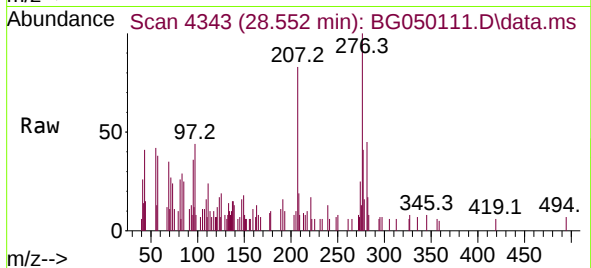
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Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 14.8 4.4 6.6#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.108 ng/ul m
RT: 28.552 min Scan# 4343
Delta R.T. -0.015 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37

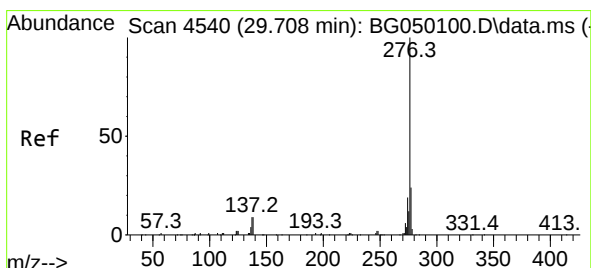
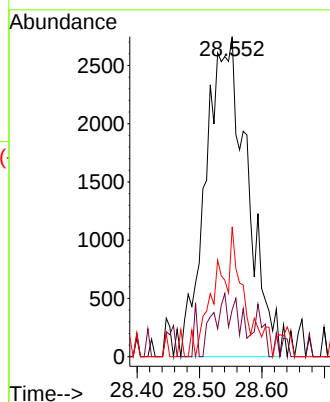
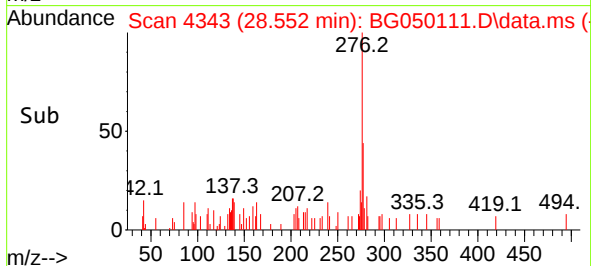
Instrument :
BNA_G
ClientSampled :
EW7B6



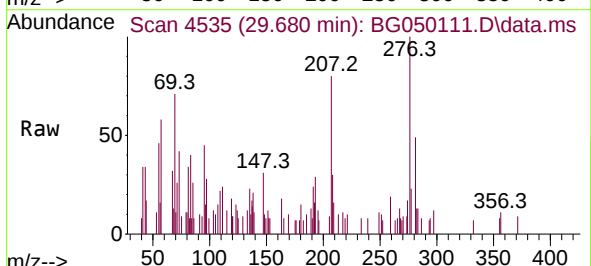
Tgt Ion:276 Resp: 12592
Ion Ratio Lower Upper
276 100
138 14.7 5.5 8.3#
277 40.6 18.6 27.8#

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:11 PM



#96
Benzo(g,h,i)perylene
Concen: 1.054 ng/ul m
RT: 29.680 min Scan# 4535
Delta R.T. -0.033 min
Lab File: BG050111.D
Acq: 3 Sep 2021 00:37



Tgt Ion:276 Resp: 10072
Ion Ratio Lower Upper
276 100
138 20.5 8.6 13.0#
277 22.5 17.4 26.0

