

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L16

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 04:16:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	36096	20.000	ng/u1	0.00
20) Naphthalene-d8	11.129	136	121043m	20.000	ng/u1	0.10
38) Acenaphthene-d10	14.836	164	99461	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.592	188	185457	20.000	ng/u1	0.01
79) Chrysene-d12	21.887	240	175820	20.000	ng/u1	0.00
88) Perylene-d12	25.301	264	180330	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	5197	5.003	ng/uL	0.00
4) Pyridine-d5	3.973	84	41175	13.509	ng/u1	0.00
7) Phenol-d5	7.369	99	26065	7.306	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.521	67	83382	37.215	ng/u1	0.00
11) 2-Chlorophenol-d4	7.739	132	69883	27.203	ng/u1	0.00
15) 4-Methylphenol-d8	8.926	113	48597	16.881	ng/u1	0.01
21) Nitrobenzene-d5	9.390	128	54943	53.772	ng/u1	0.01
24) 2-Nitrophenol-d4	10.130	143	55105	47.809	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.729	165	80184	41.002	ng/u1	0.08
31) 4-Chloroaniline-d4	11.264	131	94751m	33.113	ng/u1	0.10
46) Dimethylphthalate-d6	14.255	166	263643	34.450	ng/u1	0.03
49) Acenaphthylene-d8	14.537	160	339676	35.199	ng/u1	0.00
54) 4-Nitrophenol-d4	15.083	143	15834m	12.782	ng/u1	0.04
60) Fluorene-d10	15.829	176	246791	35.811	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	16120	14.086	ng/u1	0.04
73) Anthracene-d10	17.692	188	343151	38.688	ng/u1	0.01
81) Pyrene-d10	19.971	212	391348	36.786	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.066	264	361941	37.581	ng/u1	0.02
Target Compounds						
					Qvalue	
5) Pyridine	3.996	79	5011	1.580	ng/u1#	48
8) Phenol	7.398	94	6989	1.891	ng/u1#	1
13) 2-Methylphenol	8.655	108	151844	55.159	ng/u1	99
16) Acetophenone	9.049	105	48704	10.938	ng/u1#	76
18) 4-Methylphenol	8.990	108	42141	14.316	ng/u1	96
26) 2,4-Dimethylphenol	10.242	107	1288314	527.806	ng/u1	99
30) Naphthalene	11.211	128	23776771m	3610.092	ng/u1	
36) 2-Methylnaphthalene	12.709	142	2859731	638.355	ng/u1	96
37) 1-Methylnaphthalene	12.921	142	2118933	459.745	ng/u1#	99
43) 1,1'-Biphenyl	13.673	154	600563	80.843	ng/u1	98
50) Acenaphthylene	14.566	152	197260	20.690	ng/u1#	93
52) Acenaphthene	14.913	153	1438017	228.699	ng/u1	92
56) Dibenzofuran	15.248	168	1294702	142.754	ng/u1	92
61) Fluorene	15.894	166	1021325	140.587	ng/u1	97
72) Phenanthrene	17.639	178	1462314	142.806	ng/u1	93
74) Anthracene	17.727	178	185493	18.240	ng/u1	99
77) Carbazole	18.033	167	3743611	419.376	ng/u1#	78
80) Fluoranthene	19.648	202	287261	21.985	ng/u1	95
82) Pyrene	20.001	202	200409	15.680	ng/u1	96
85) Benzo(a)anthracene	21.869	228	44159	3.703	ng/u1	96
87) Chrysene	21.940	228	33352	2.911	ng/u1	97
90) Benzo(b)fluoranthene	24.202	252	29903	2.457	ng/u1	99
93) Benzo(a)pyrene	25.130	252	19568	1.685	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

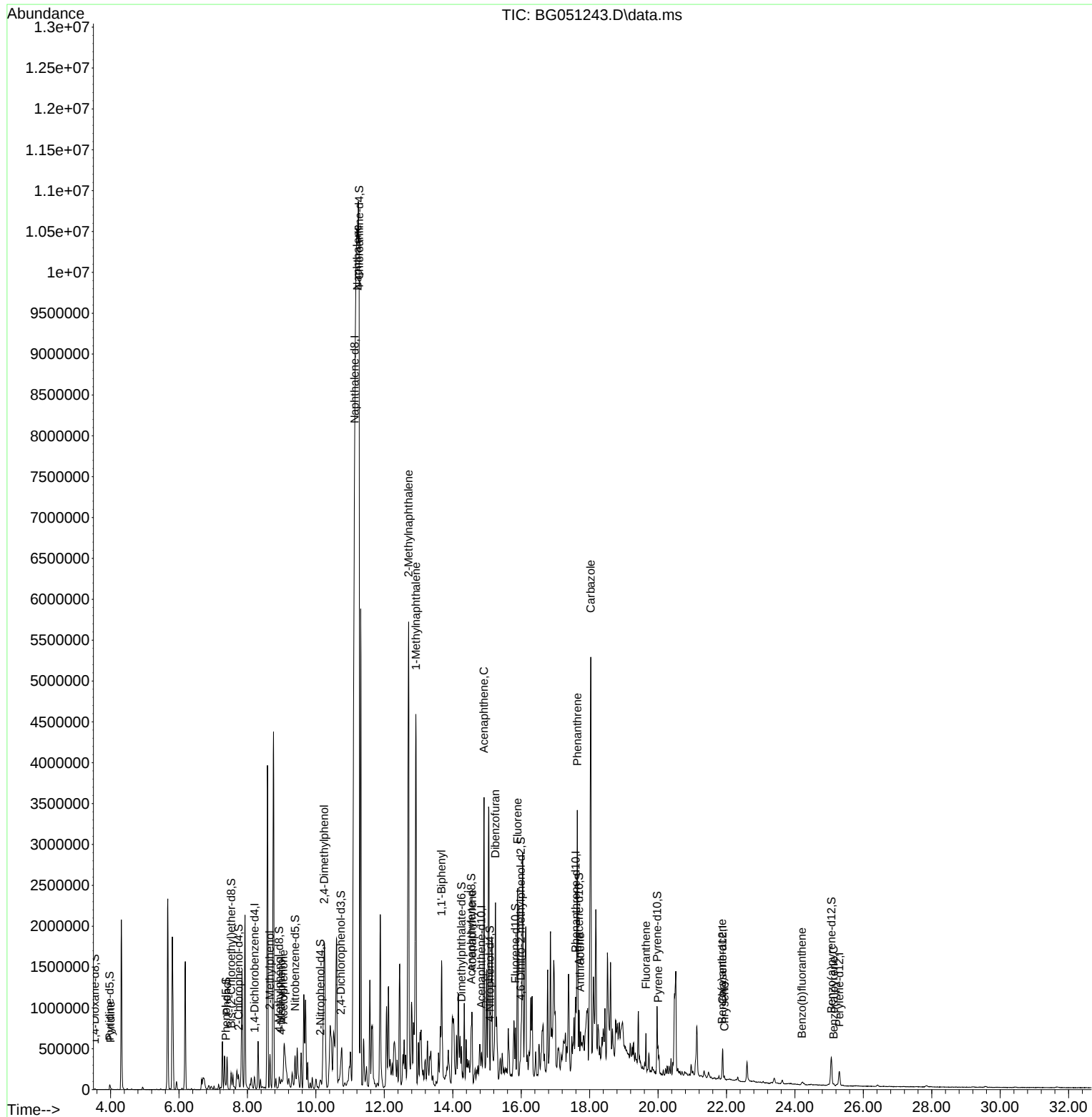
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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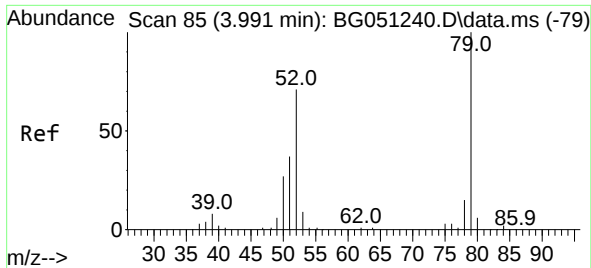
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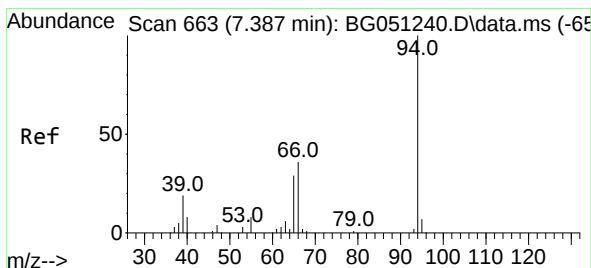
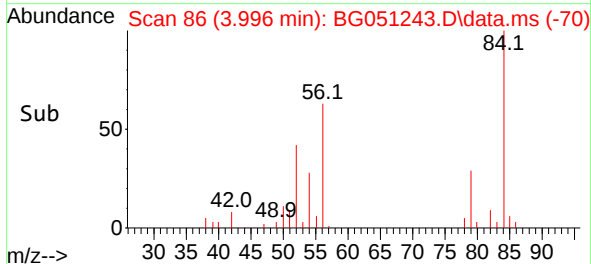
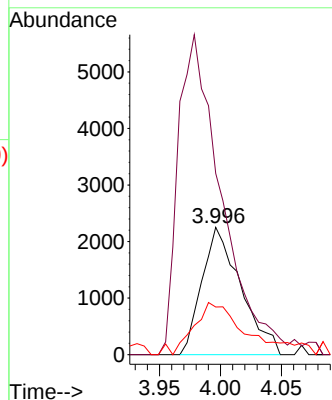
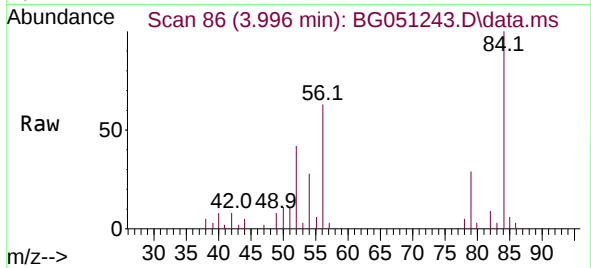
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Pyridine
Concen: 1.580 ng/ul
RT: 3.996 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

Instrument :
BNA_G
ClientSampleId :
F4L16

Tgt Ion: 79	Resp: 501
Ion Ratio	Lower Upper
79 100	
52 142.4	60.8 91.2
51 37.5	30.5 45.7

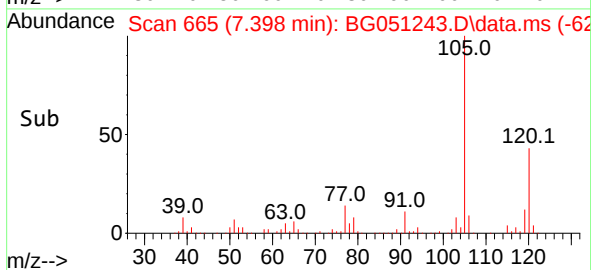
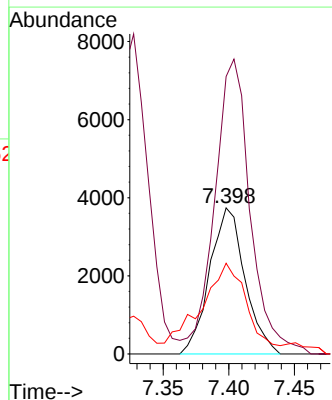
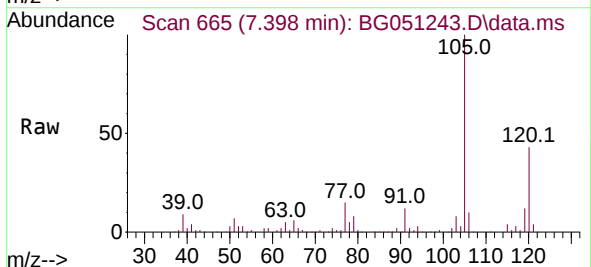
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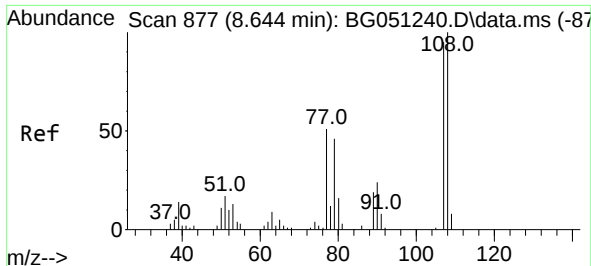
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#8
Phenol
Concen: 1.891 ng/ul
RT: 7.398 min Scan# 665
Delta R.T. 0.012 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

Tgt Ion: 94	Resp: 6989
Ion Ratio	Lower Upper
94 100	
65 189.9	25.1 37.7#
66 62.1	31.6 47.4#





#13

2-Methylphenol

Concen: 55.159 ng/ul

RT: 8.655 min Scan# 81

Delta R.T. 0.012 min

Lab File: BG051243.D

Acq: 25 Nov 2021 13:55

Instrument :

BNA_G

ClientSampleId :

F4L16

Tgt Ion:108 Resp: 15184

Ion Ratio Lower Upper

108 100

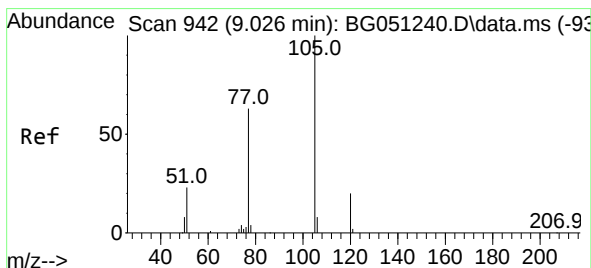
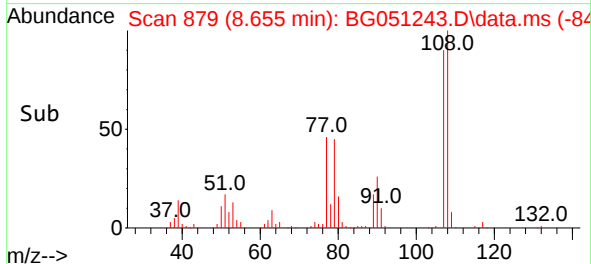
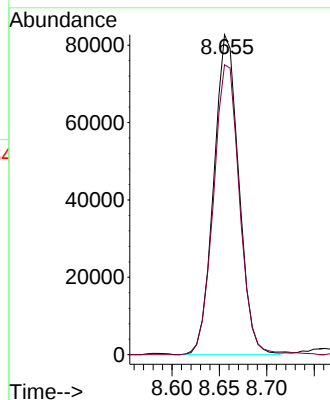
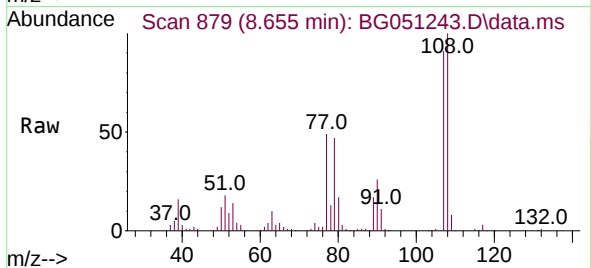
107 90.6 71.8 107.6

Manual Integrations

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#16

Acetophenone

Concen: 10.938 ng/ul

RT: 9.049 min Scan# 946

Delta R.T. 0.018 min

Lab File: BG051243.D

Acq: 25 Nov 2021 13:55

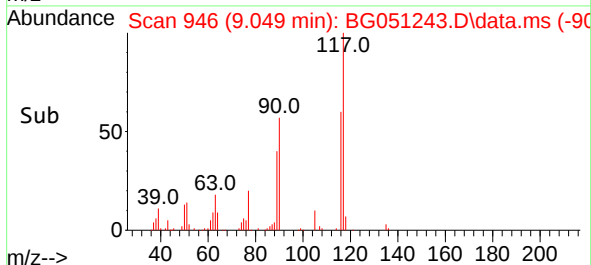
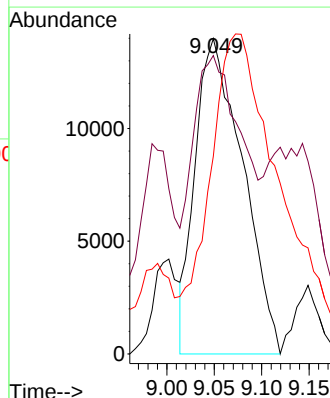
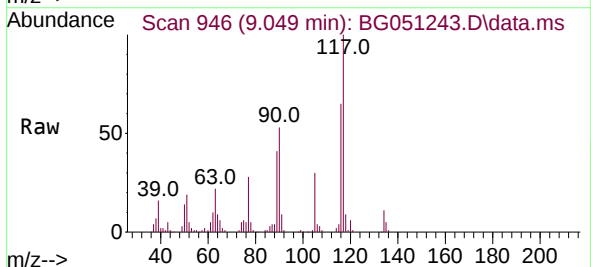
Tgt Ion:105 Resp: 48704

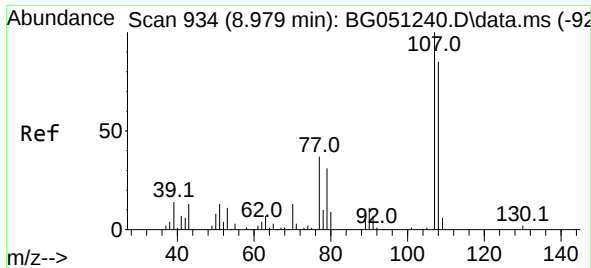
Ion Ratio Lower Upper

105 100

77 94.6 67.3 100.9

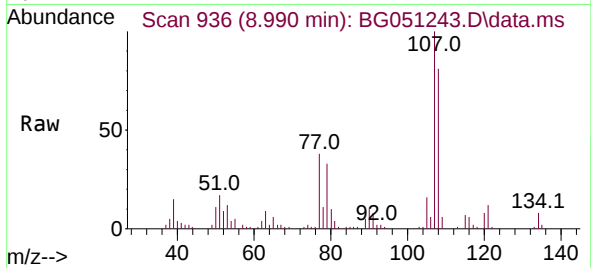
51 62.7 24.0 36.0#





#18
4-Methylphenol
Concen: 14.316 ng/ul
RT: 8.990 min Scan# 911
Delta R.T. 0.012 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

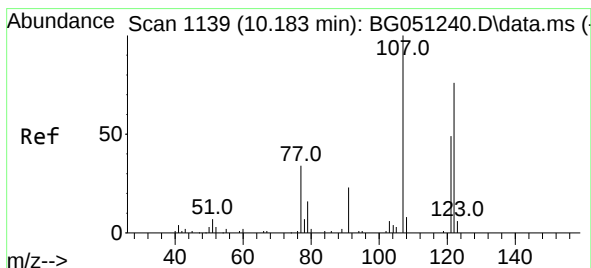
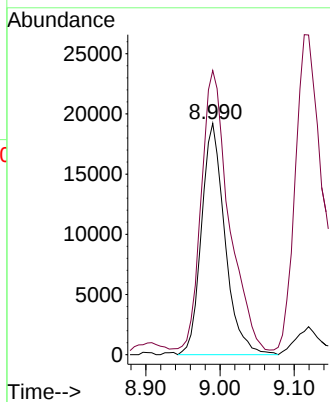
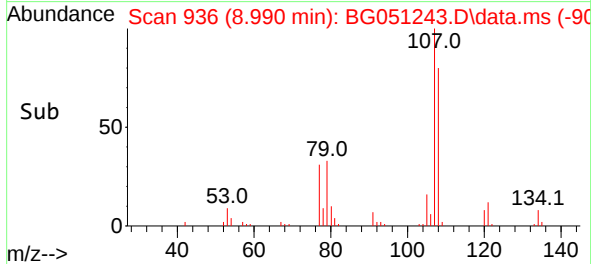
Instrument :
BNA_G
ClientSampleId :
F4L16



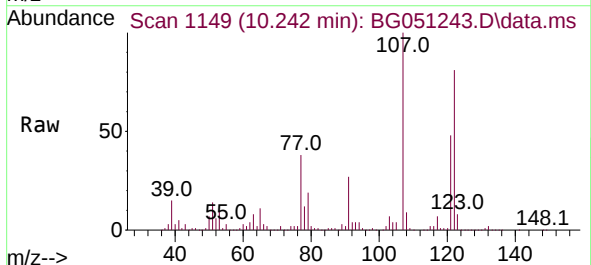
Tgt Ion:108 Resp: 4214
Ion Ratio Lower Upper
108 100
107 122.9 95.0 142.4

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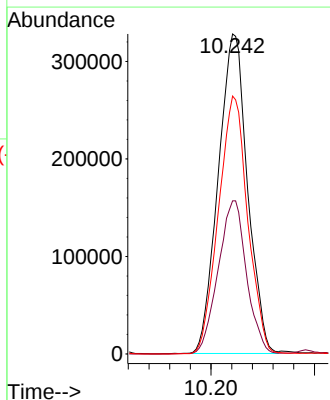
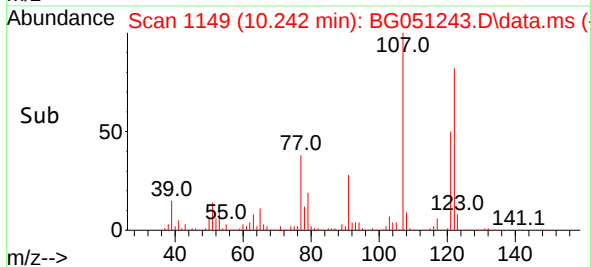
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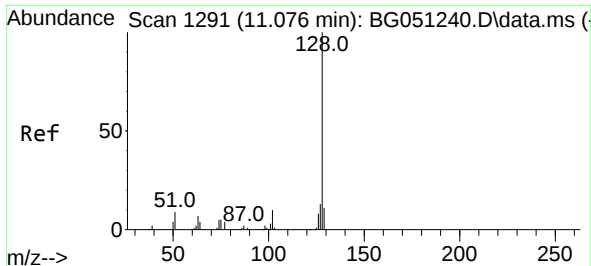


#26
2,4-Dimethylphenol
Concen: 527.806 ng/ul
RT: 10.242 min Scan# 1149
Delta R.T. 0.059 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55



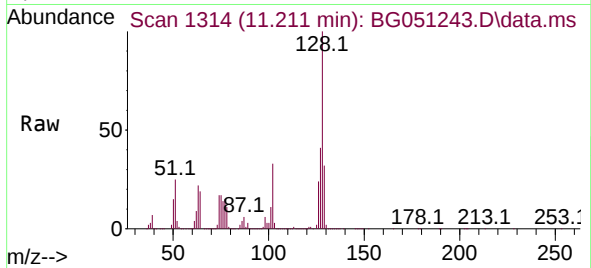
Tgt Ion:107 Resp: 1288314
Ion Ratio Lower Upper
107 100
121 47.9 39.3 58.9
122 80.6 63.7 95.5





#30
Naphthalene
Concen: 3610.092 ng/ul m
RT: 11.211 min Scan# 11
Delta R.T. 0.135 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

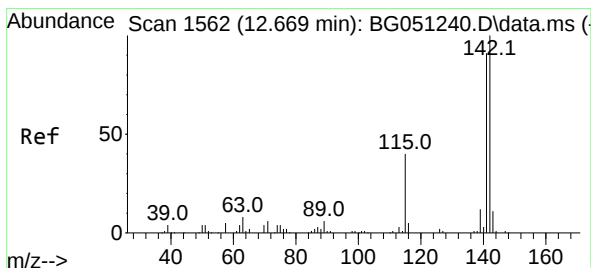
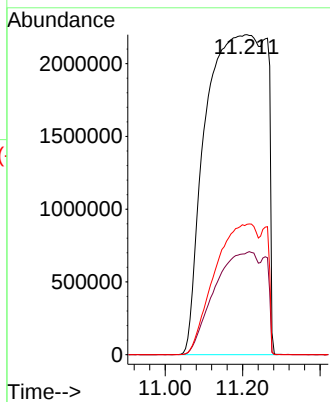
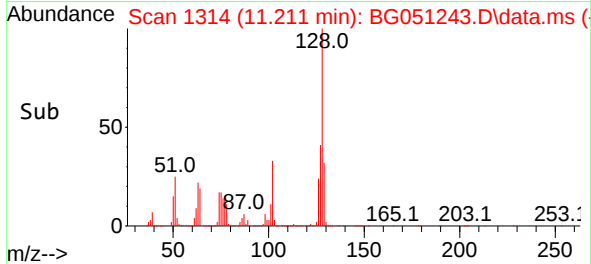
Instrument :
BNA_G
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F4L16



Tgt Ion:128 Resp:2377677
Ion Ratio Lower Upper
128 100
129 31.9 8.5 12.7
127 40.8 11.8 17.6

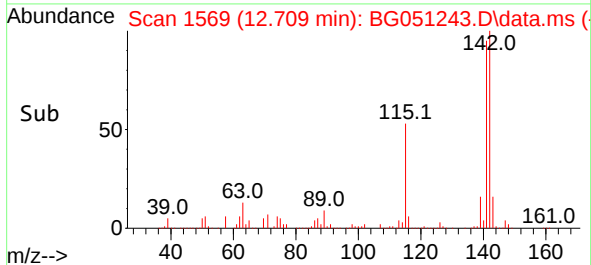
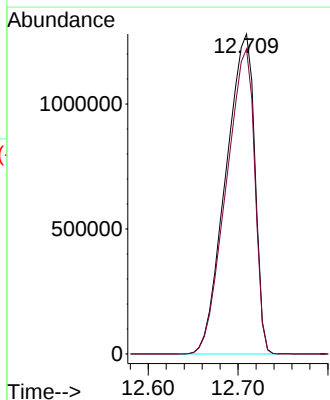
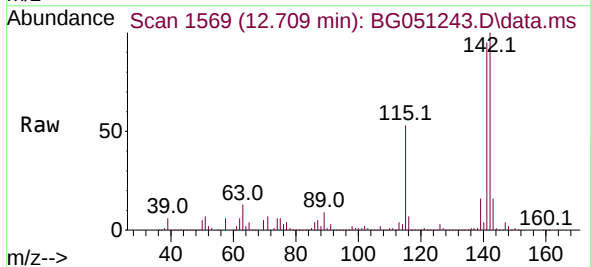
Manual Integrations
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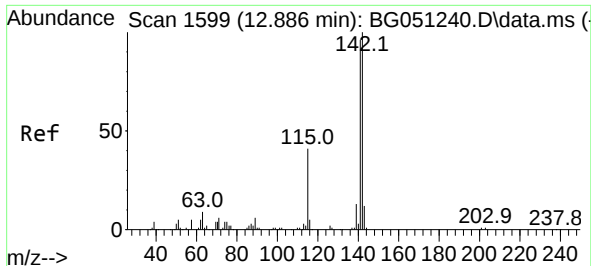
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#36
2-Methylnaphthalene
Concen: 638.355 ng/ul
RT: 12.709 min Scan# 1569
Delta R.T. 0.041 min
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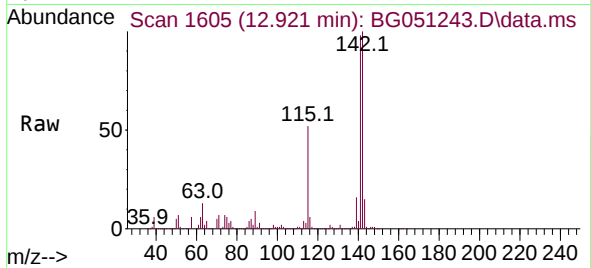
Tgt Ion:142 Resp: 2859731
Ion Ratio Lower Upper
142 100
141 95.3 73.3 109.9





#37
1-Methylnaphthalene
Concen: 459.745 ng/ul
RT: 12.921 min Scan# 1
Delta R.T. 0.035 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

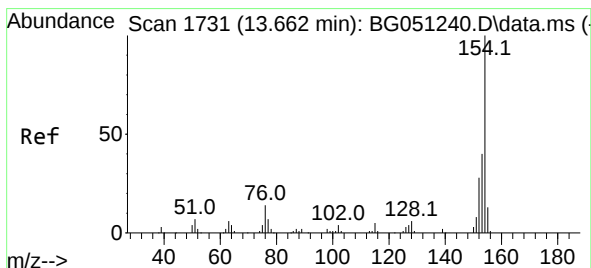
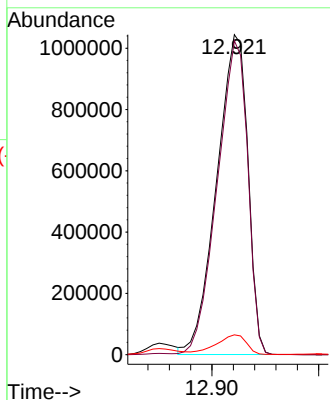
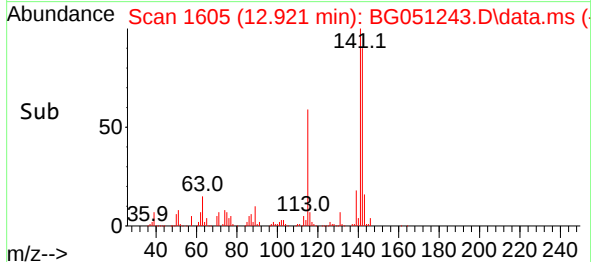
Instrument :
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Tgt Ion:142 Resp: 211893
Ion Ratio Lower Upper
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141 98.1 77.8 116.8
116 6.2 3.3 4.9

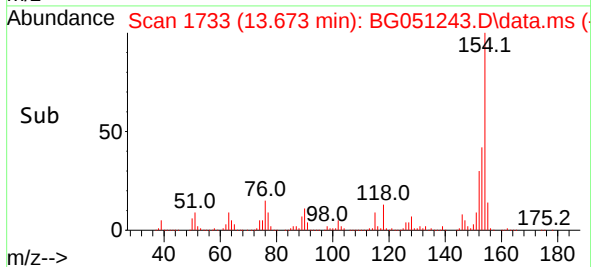
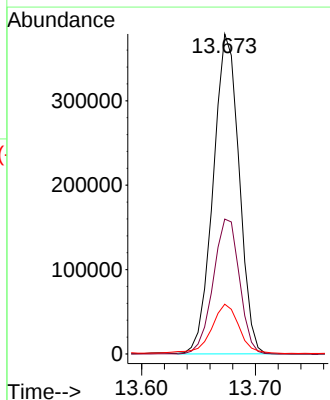
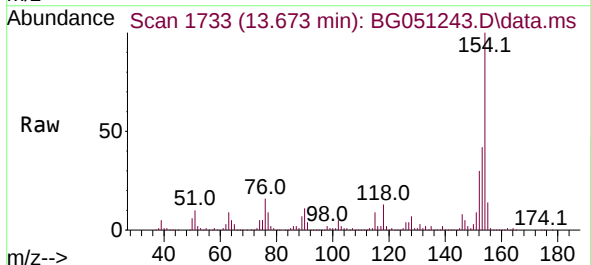
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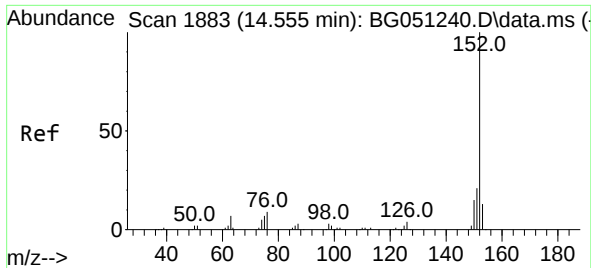
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#43
1,1'-Biphenyl
Concen: 80.843 ng/ul
RT: 13.673 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

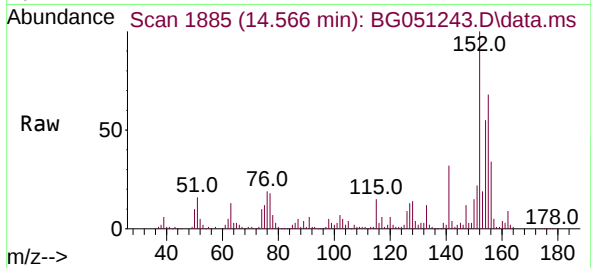
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Ion Ratio Lower Upper
154 100
153 42.1 34.5 51.7
76 15.6 13.1 19.7





#50
Acenaphthylene
Concen: 20.690 ng/u1
RT: 14.566 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

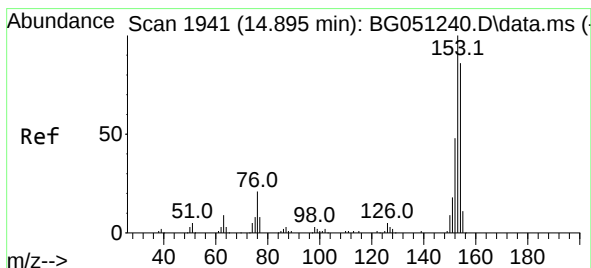
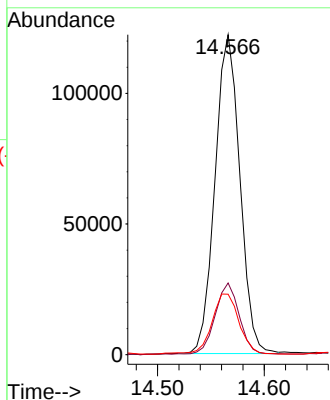
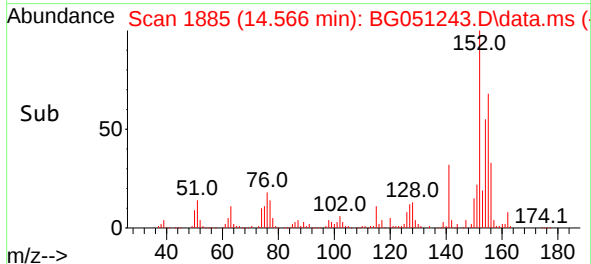
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Tgt Ion:152 Resp: 197260
Ion Ratio Lower Upper
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151 22.4 17.4 26.0
153 18.9 10.3 15.5

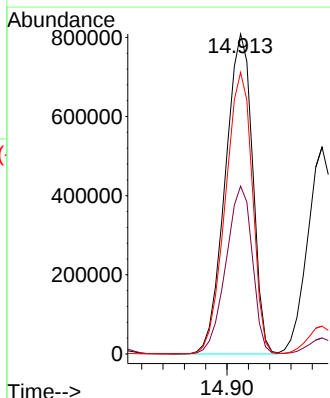
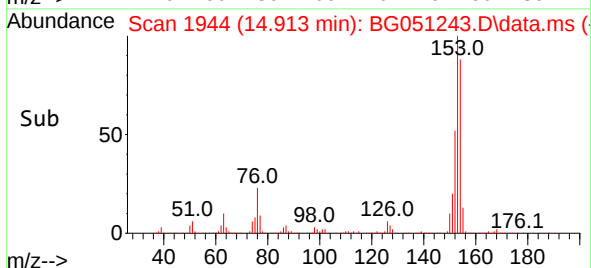
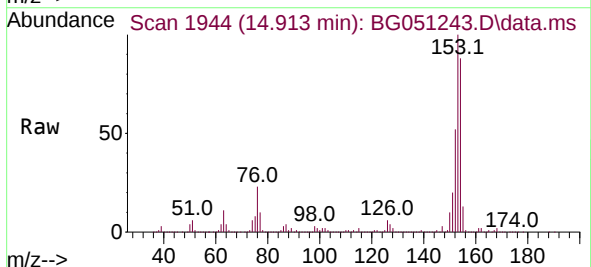
Manual Integrations
APPROVED

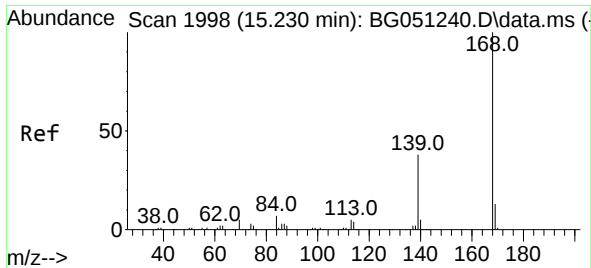
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#52
Acenaphthene
Concen: 228.699 ng/u1
RT: 14.913 min Scan# 1944
Delta R.T. 0.018 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

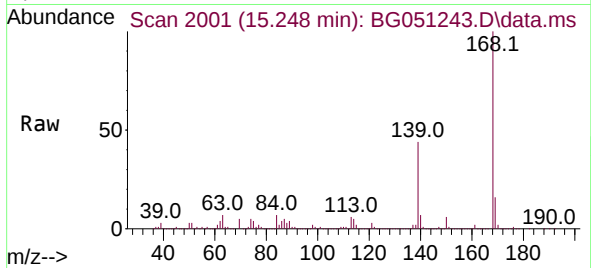
Tgt Ion:153 Resp: 1438017
Ion Ratio Lower Upper
153 100
152 52.5 36.5 54.7
154 88.0 65.8 98.6





#56
Dibenzofuran
Concen: 142.754 ng/ul
RT: 15.248 min Scan# 2001
Delta R.T. 0.018 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

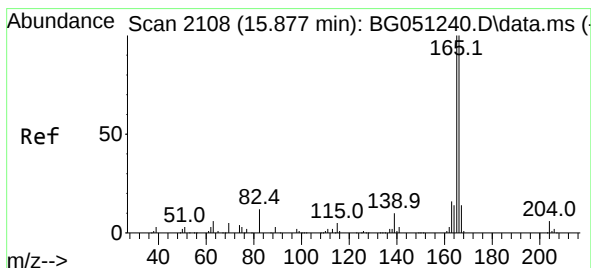
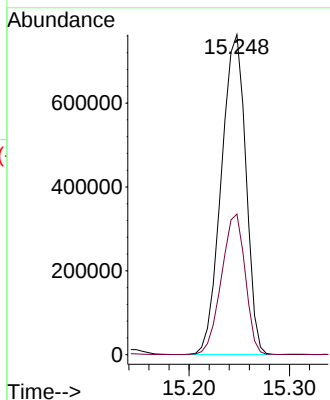
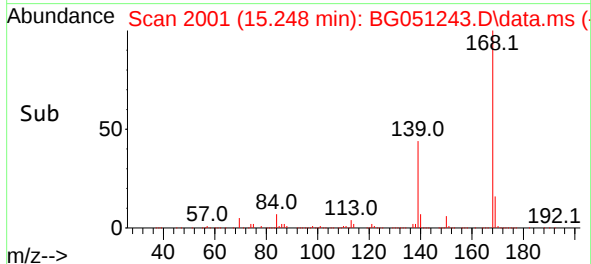
Instrument :
BNA_G
ClientSampleId :
F4L16



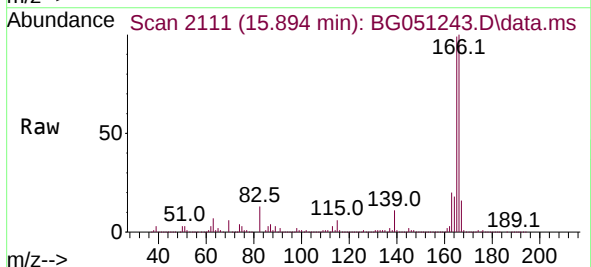
Tgt Ion:168 Resp: 129470
Ion Ratio Lower Upper
168 100
139 43.9 31.2 46.8

Manual Integrations
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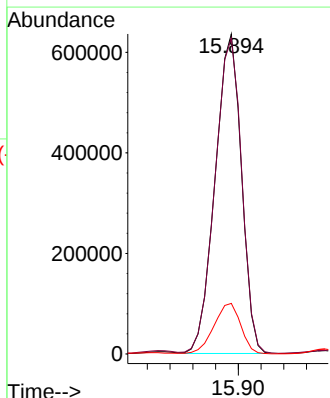
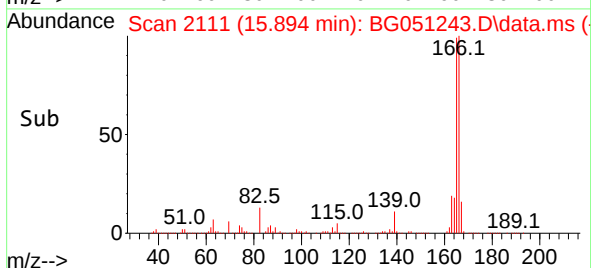
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

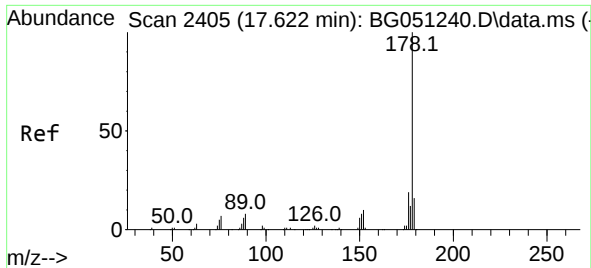


#61
Fluorene
Concen: 140.587 ng/ul
RT: 15.894 min Scan# 2111
Delta R.T. 0.018 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55



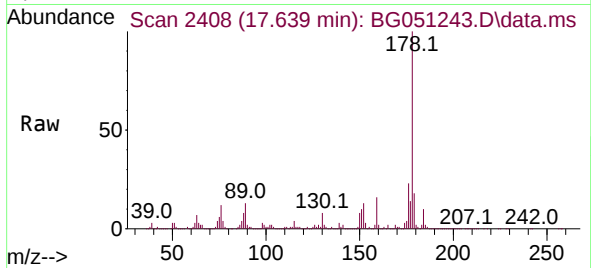
Tgt Ion:166 Resp: 1021325
Ion Ratio Lower Upper
166 100
165 98.7 81.0 121.6
167 15.8 11.0 16.4





#72
Phenanthrene
Concen: 142.806 ng/u1
RT: 17.639 min Scan# 2408
Delta R.T. 0.018 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

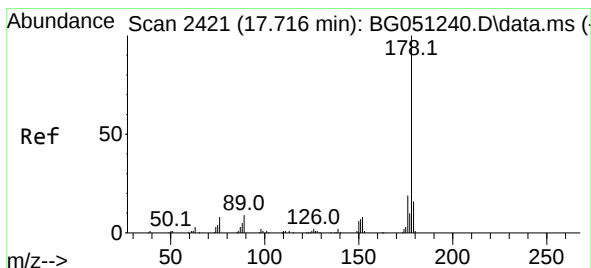
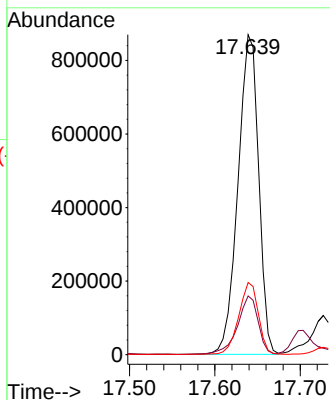
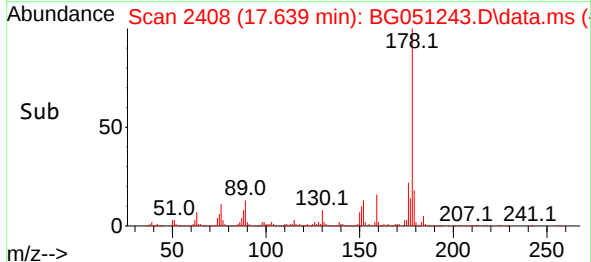
Instrument :
BNA_G
ClientSampleId :
F4L16



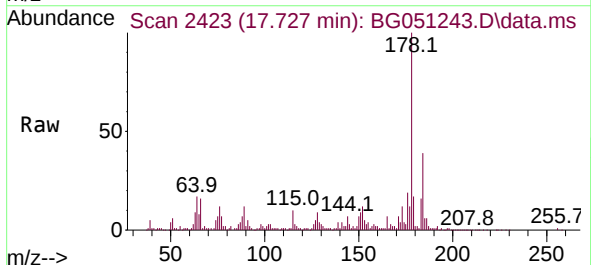
Tgt Ion:178 Resp: 1462314
Ion Ratio Lower Upper
178 100
179 18.3 12.3 18.5
176 22.6 15.5 23.3

Manual Integrations
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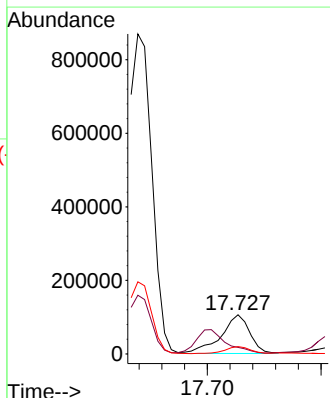
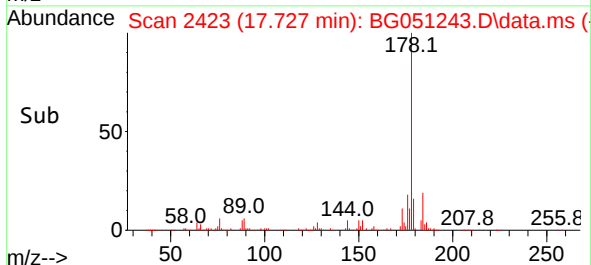
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

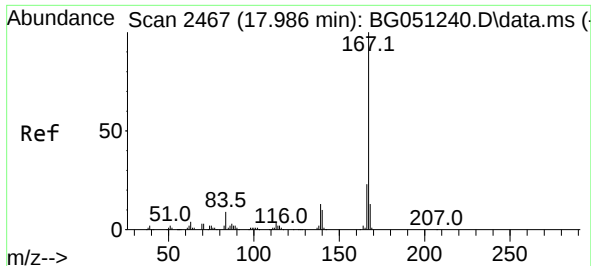


#74
Anthracene
Concen: 18.240 ng/u1
RT: 17.727 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55



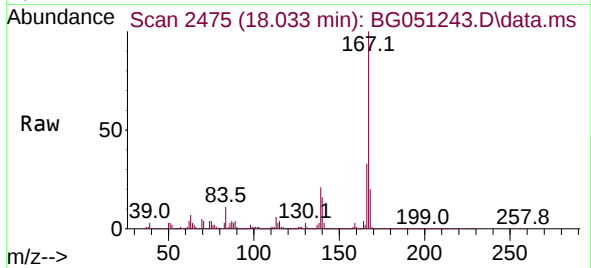
Tgt Ion:178 Resp: 185493
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 18.7 15.6 23.4





#77
 Carbazole
 Concen: 419.376 ng/uI
 RT: 18.033 min Scan# 2467
 Delta R.T. 0.047 min
 Lab File: BG051243.D
 Acq: 25 Nov 2021 13:55

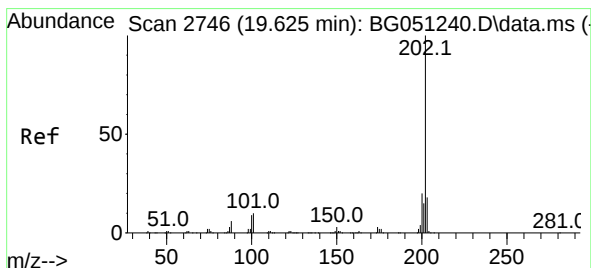
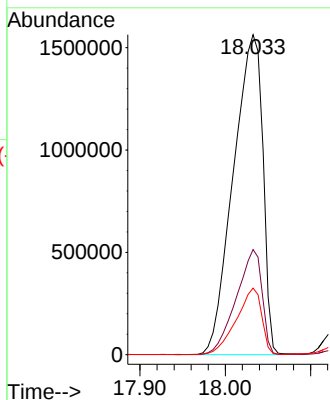
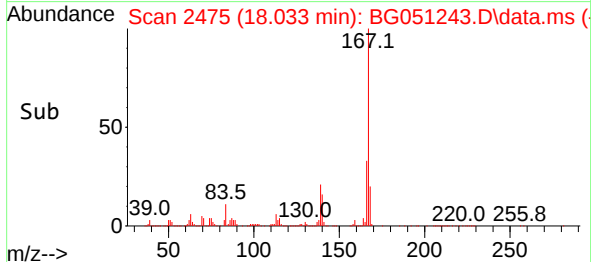
Instrument :
 BNA_G
 ClientSampleId :
 F4L16



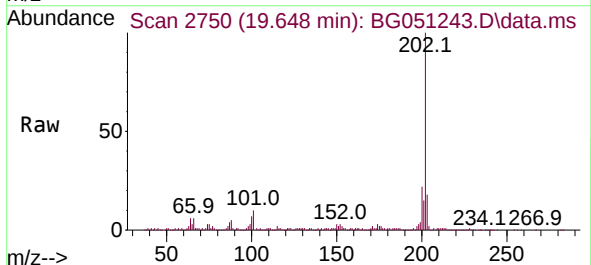
Tgt Ion:167 Resp: 374361
 Ion Ratio Lower Upper
 167 100
 166 32.9 17.3 25.9
 139 20.8 10.6 16.0

Manual Integrations
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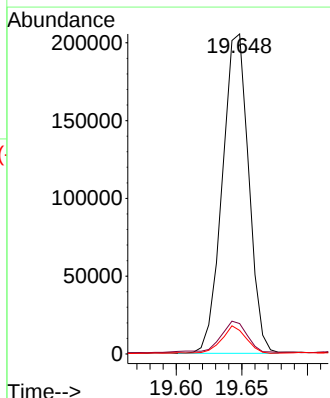
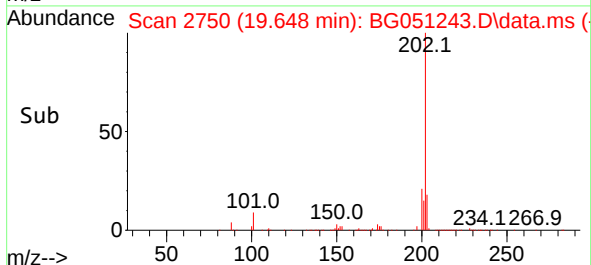
Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

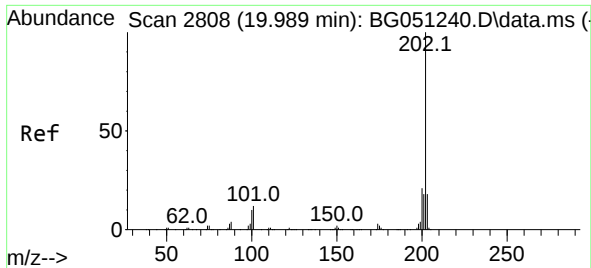


#80
 Fluoranthene
 Concen: 21.985 ng/uI
 RT: 19.648 min Scan# 2750
 Delta R.T. 0.023 min
 Lab File: BG051243.D
 Acq: 25 Nov 2021 13:55



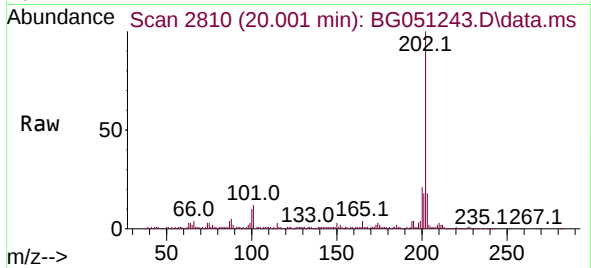
Tgt Ion:202 Resp: 287261
 Ion Ratio Lower Upper
 202 100
 101 9.5 9.3 13.9
 100 7.3 7.0 10.6





#82
Pyrene
Concen: 15.680 ng/u1
RT: 20.001 min Scan# 200409
Delta R.T. 0.012 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

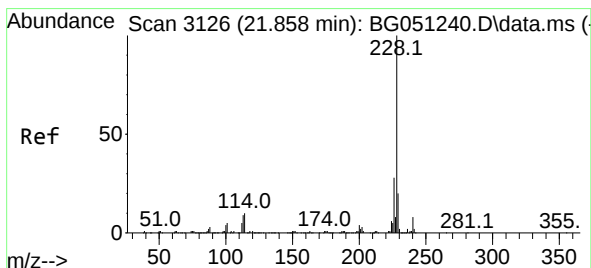
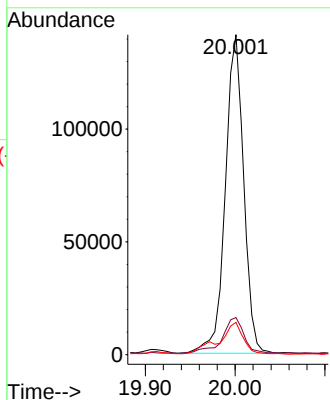
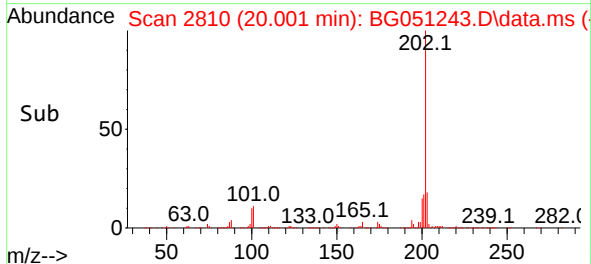
Instrument :
BNA_G
ClientSampleId :
F4L16



Tgt Ion:202 Resp: 200409
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 10.1 9.0 13.6

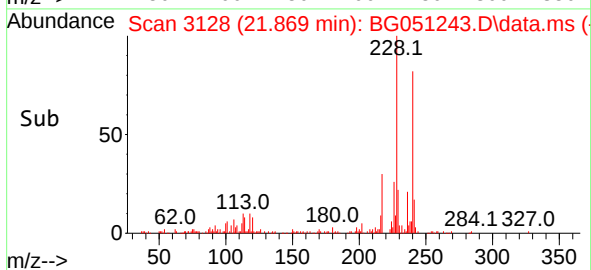
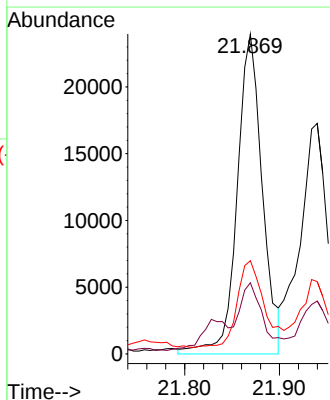
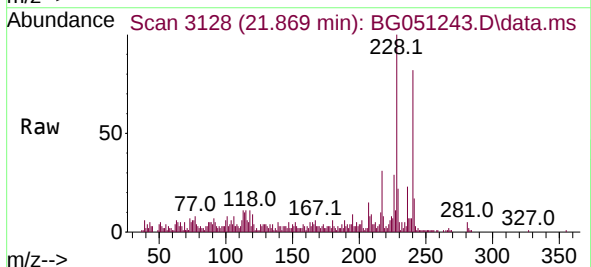
Manual Integrations
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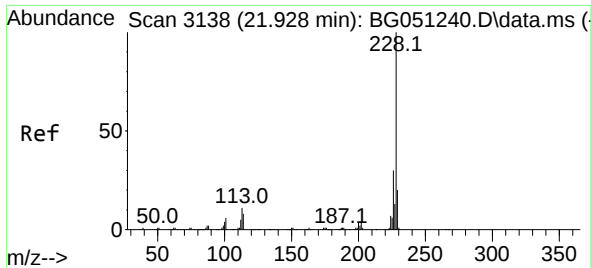
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#85
Benzo(a)anthracene
Concen: 3.703 ng/u1
RT: 21.869 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

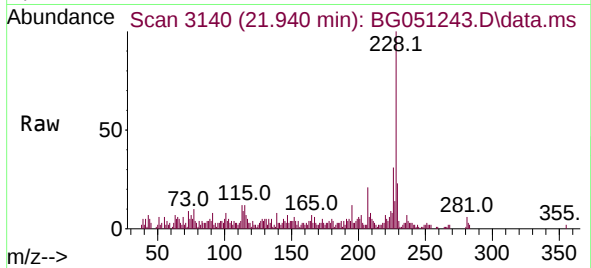
Tgt Ion:228 Resp: 44159
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 29.1 22.3 33.5





#87
Chrysene
Concen: 2.911 ng/ul
RT: 21.940 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

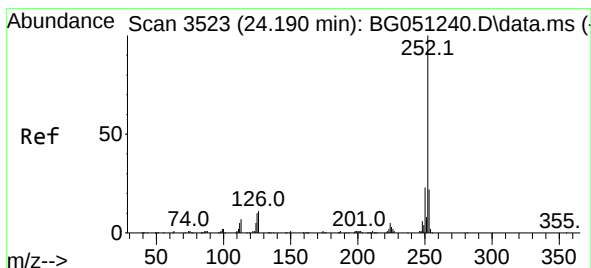
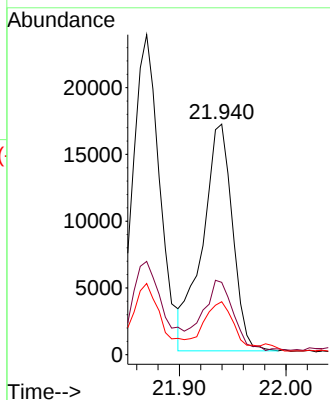
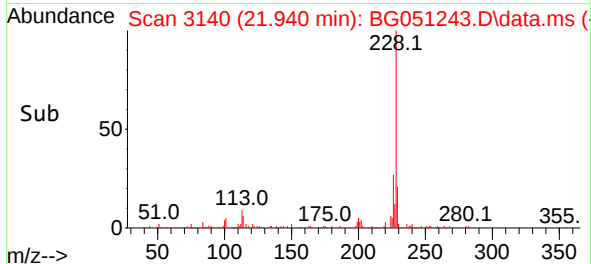
Instrument :
BNA_G
ClientSampleId :
F4L16



Tgt Ion:228 Resp: 33352
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.9 15.8 23.6

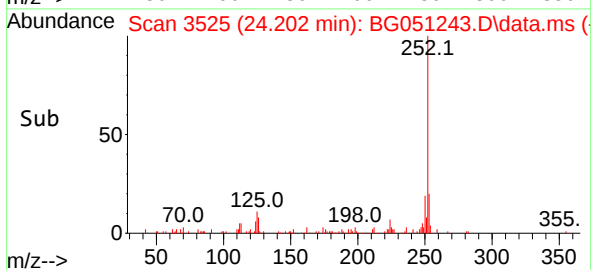
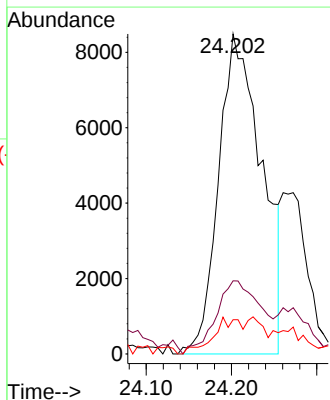
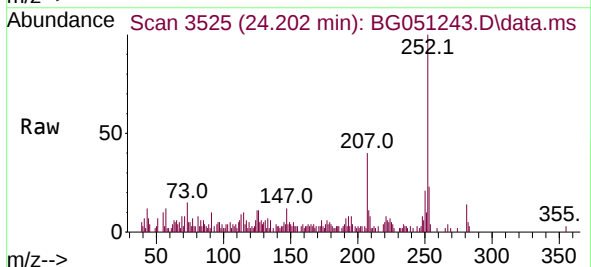
Manual Integrations
APPROVED

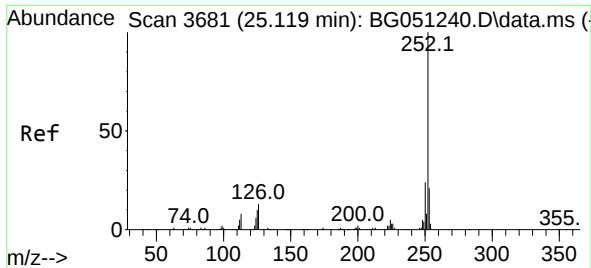
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#90
Benzo(b)fluoranthene
Concen: 2.457 ng/ul
RT: 24.202 min Scan# 3525
Delta R.T. 0.012 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

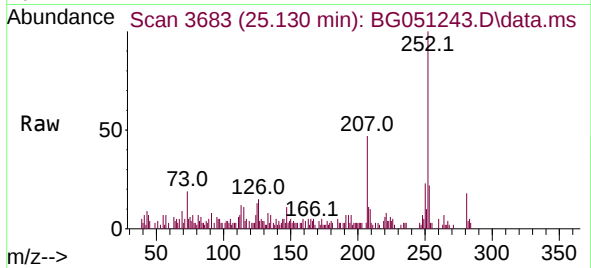
Tgt Ion:252 Resp: 29903
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.7 8.5 12.7





#93
Benzo(a)pyrene
Concen: 1.685 ng/ul
RT: 25.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG051243.D
Acq: 25 Nov 2021 13:55

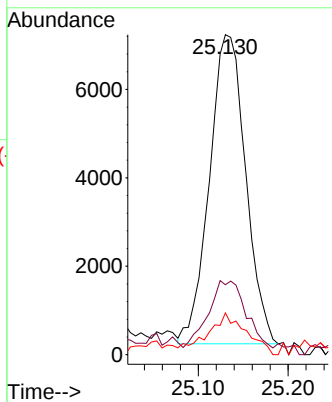
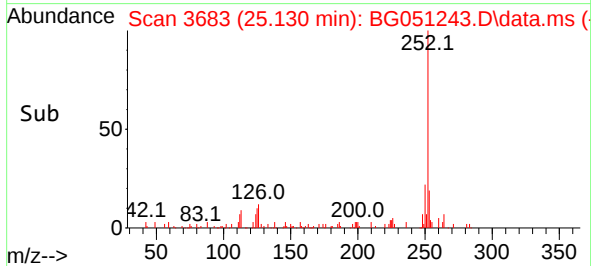
Instrument :
BNA_G
ClientSampleId :
F4L16



Tgt Ion:252 Resp: 1956
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 13.0 9.1 13.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



Quantitation Report (LSC Reviewed)

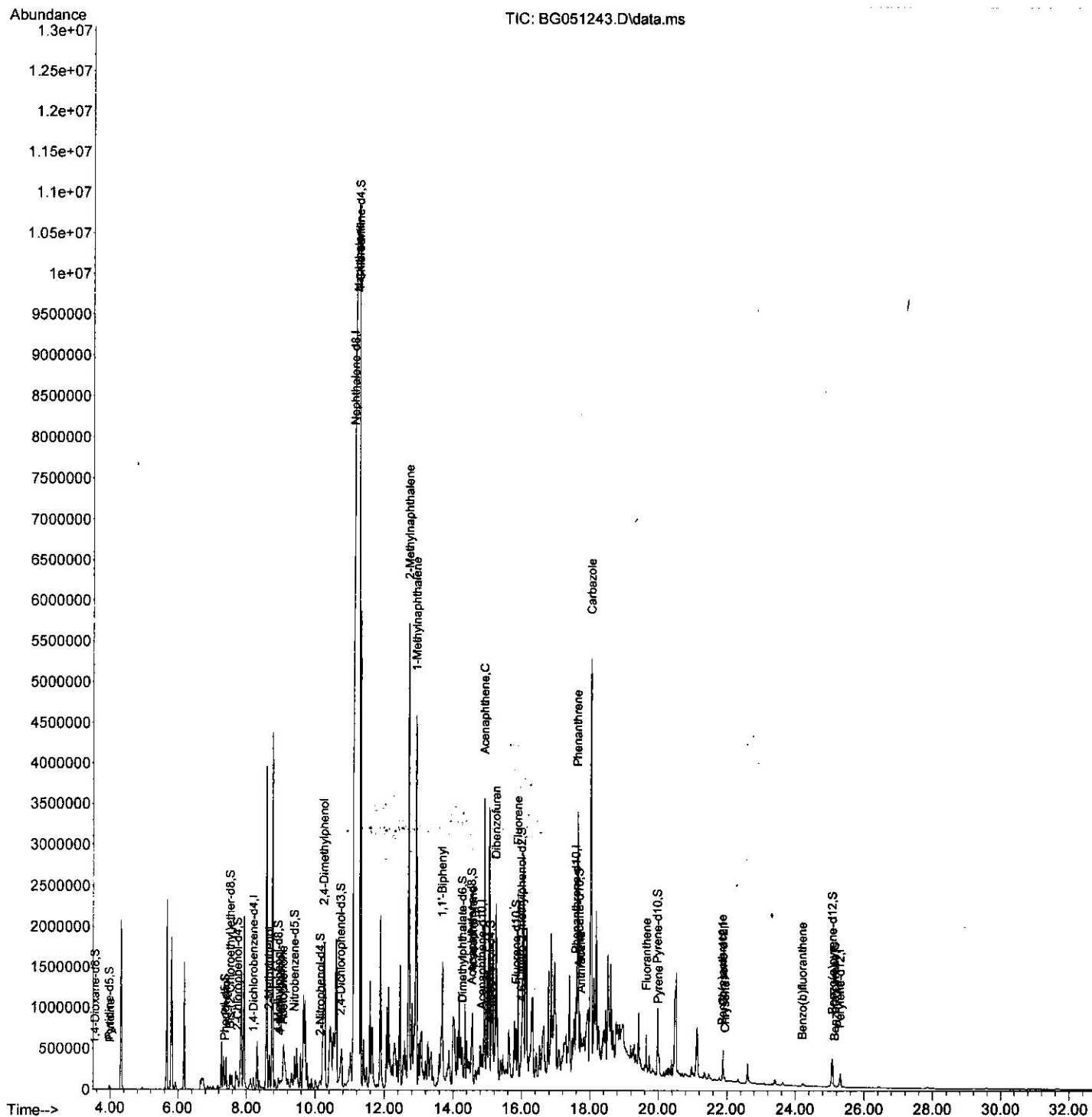
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
F4L16

Quant Time: Nov 26 04:16:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



Quantitation Report (Qedit)

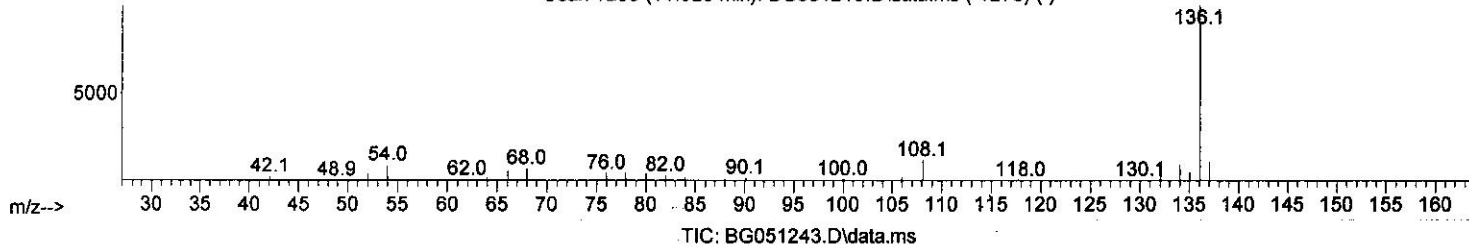
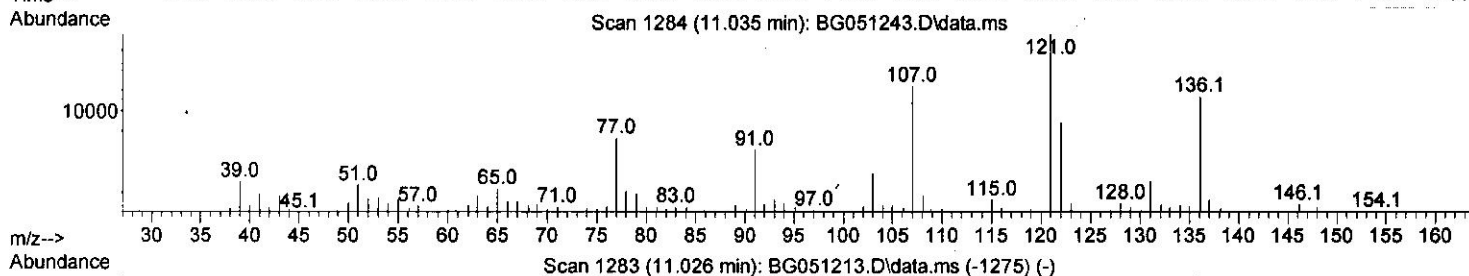
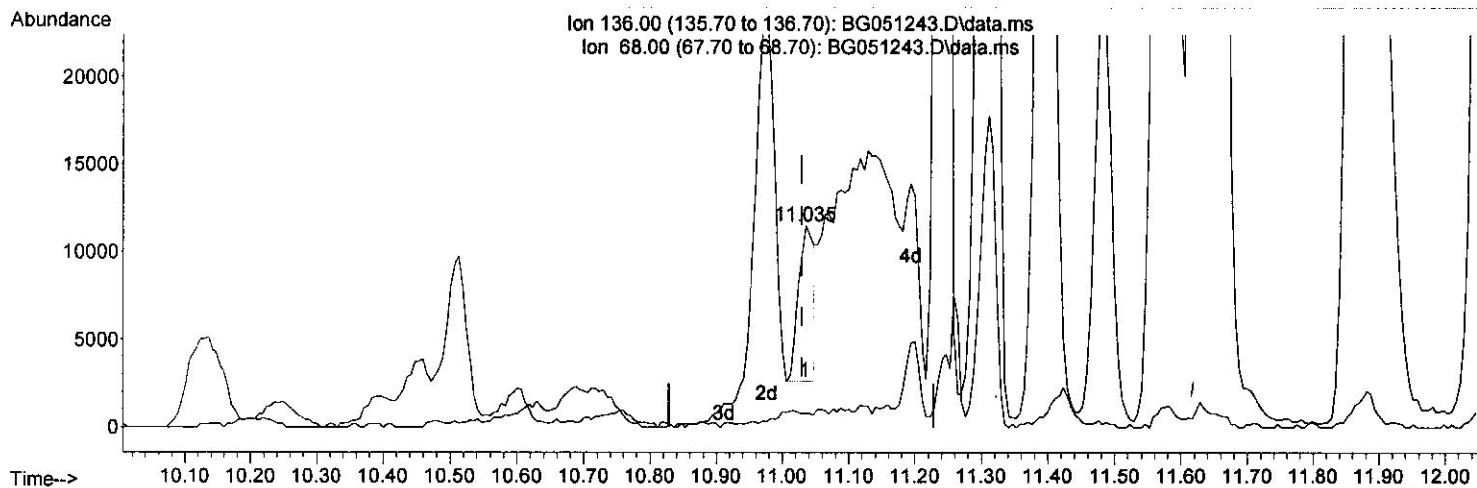
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 F4L16

Quant Time: Nov 26 04:16:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021



(20) Naphthalene-d8 (I)

11.035min (+ 0.006) 20.00 ng/ul

response 14246

Ion	Exp%	Act%
136.00	100.00	100.00
68.00	7.20	6.64
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

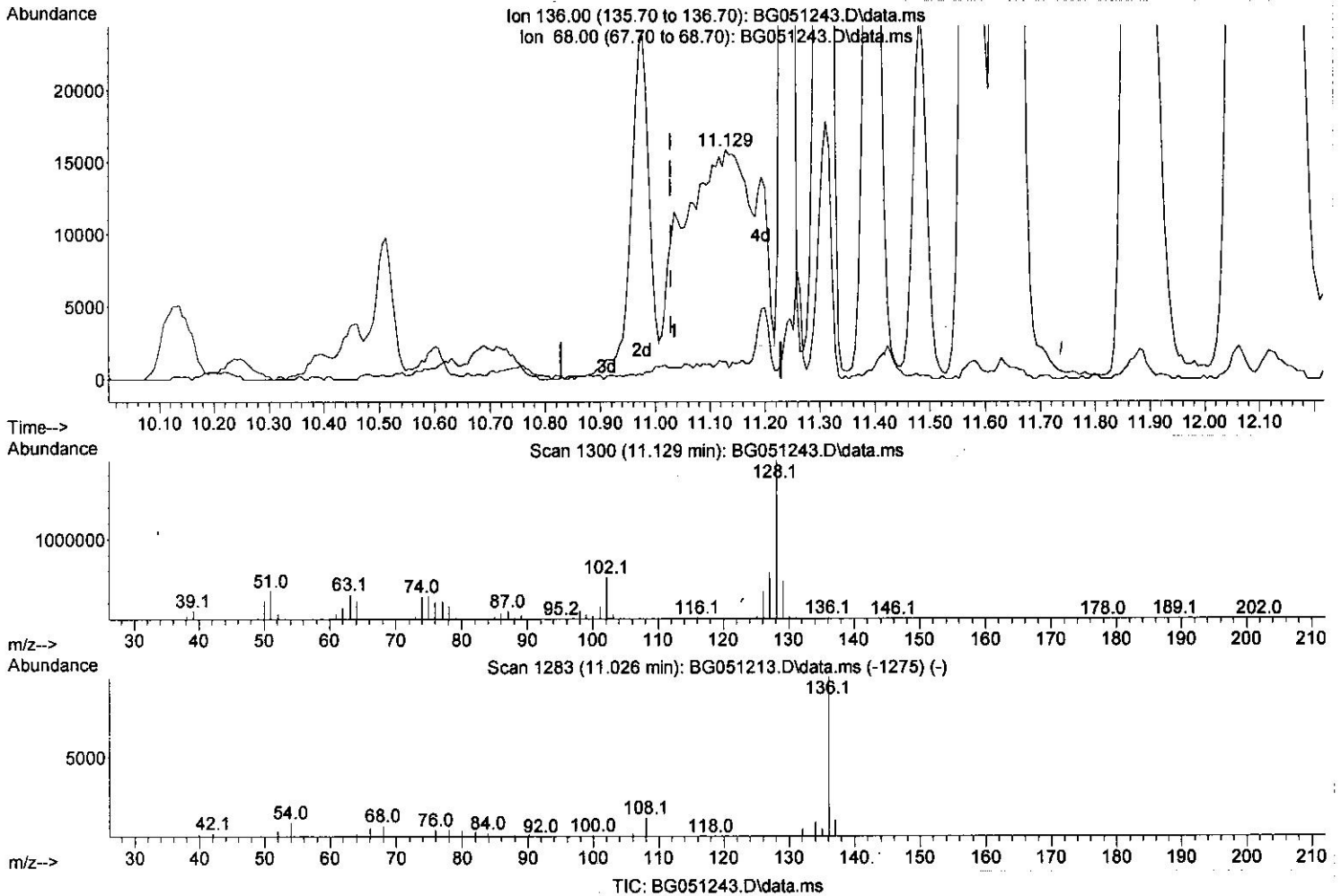
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 F4L16

Quant Time: Nov 26 04:16:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021



(20) Naphthalene-d8 (I)

11.129min (+ 0.100) 20.00 ng/ul m *11/30/21*

response 121043

Ion	Exp%	Act%
136.00	100.00	100.00
68.00	7.20	7.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

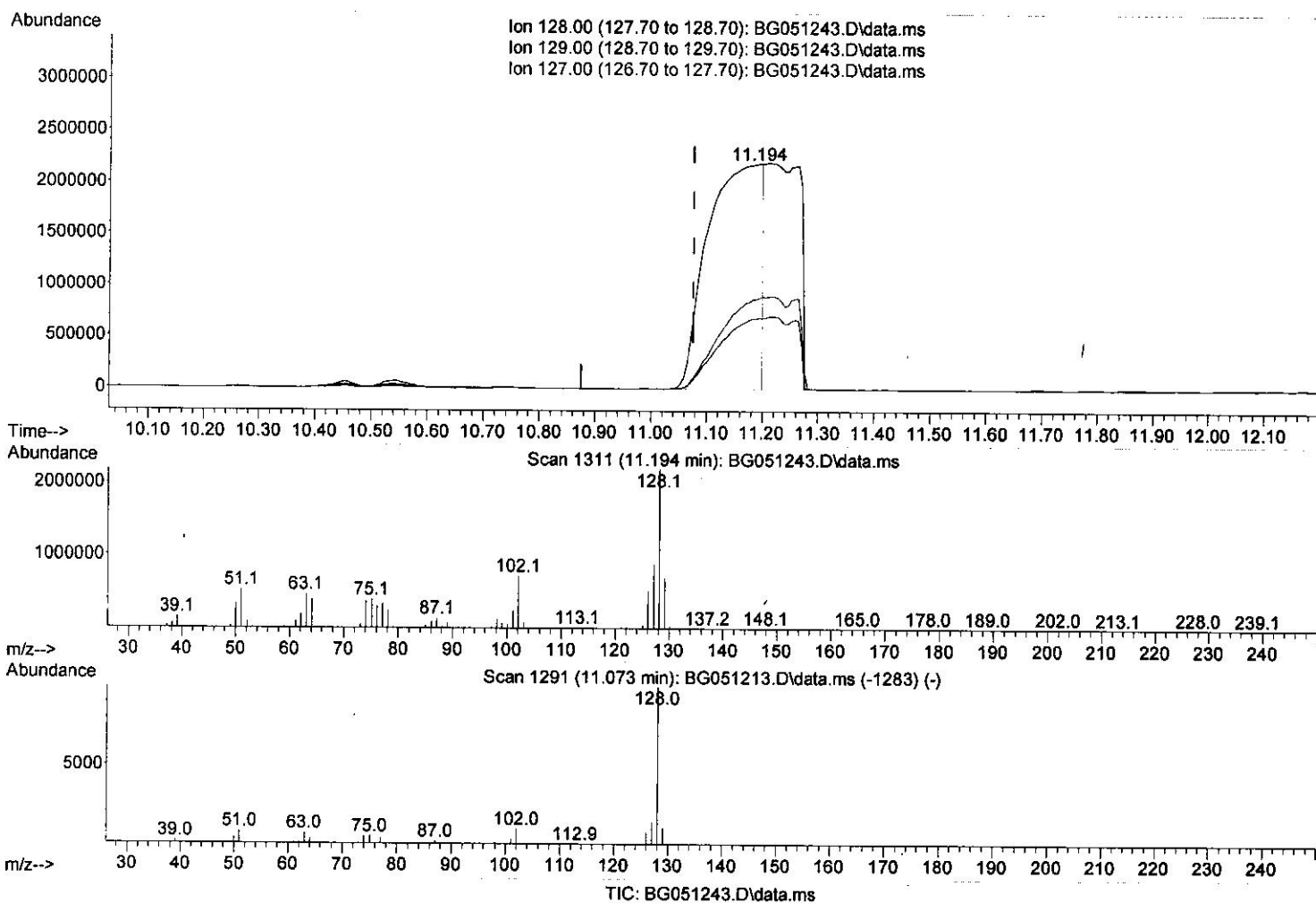
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L16

Quant Time: Nov 26 04:16:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021



(30) Naphthalene

11.194min (+ 0.117) 8559.66 ng/ul

response 14607736

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.60	31.50#
127.00	14.70	40.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

BNA_G

Client Sampled :

F4L16

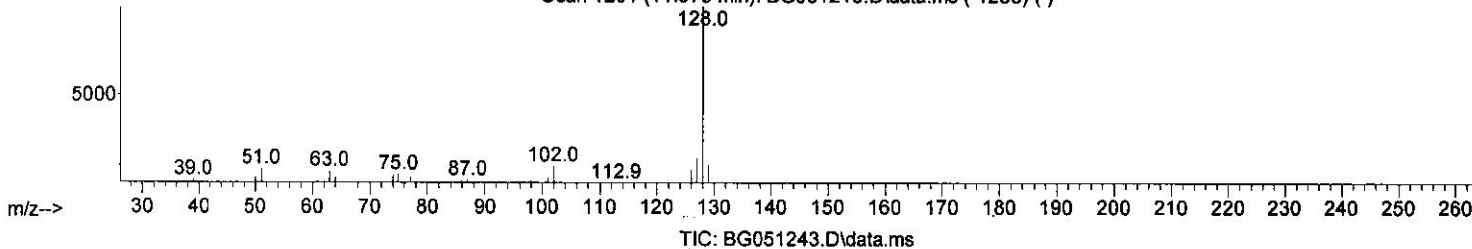
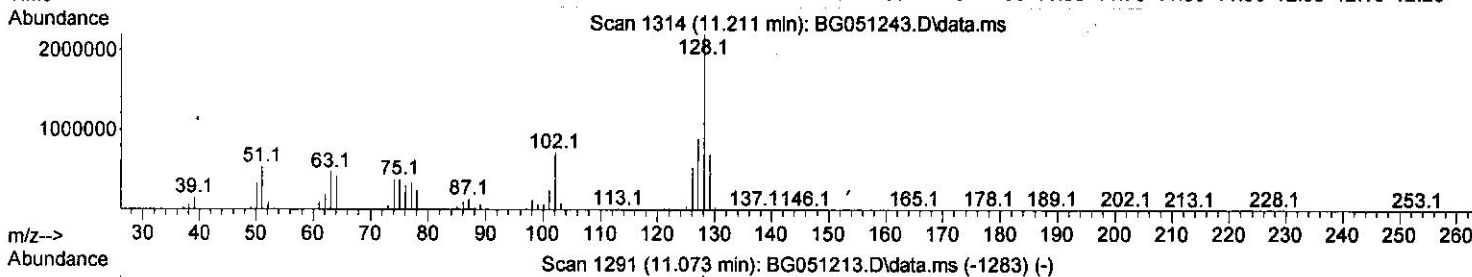
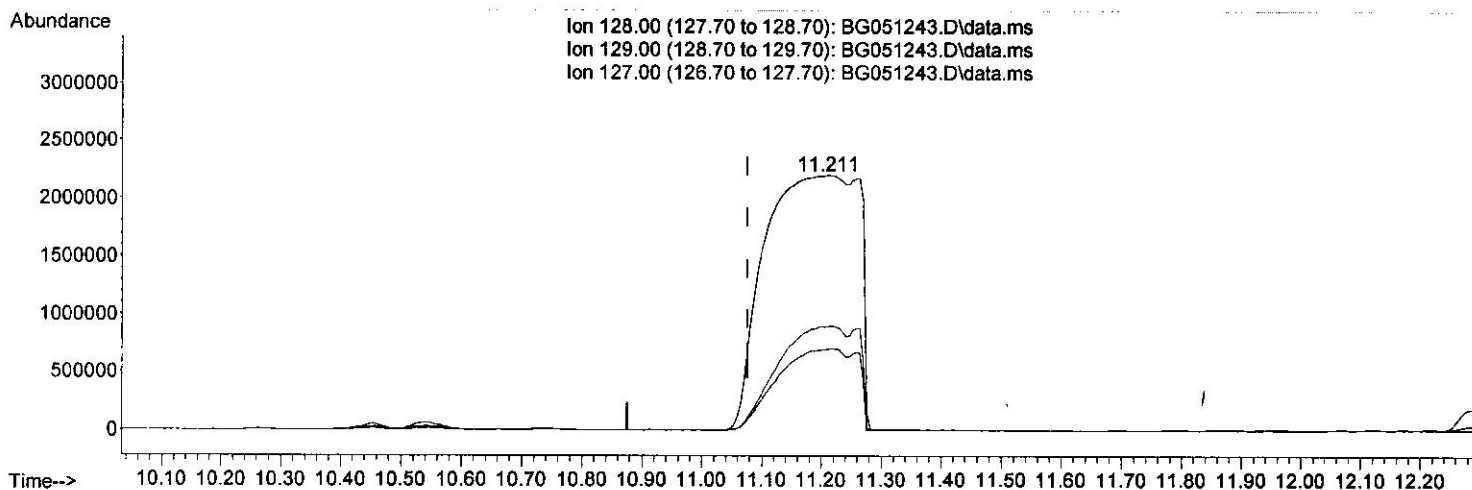
Quant Time: Nov 26 04:16:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021

Supervised By :Sohil Jodhani 11/30/2021



(30) Naphthalene

11.211min (+ 0.135) 3610.09 ng/ul m 3 JU 11/30/21

response 23776771

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.60	31.93#
127.00	14.70	40.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

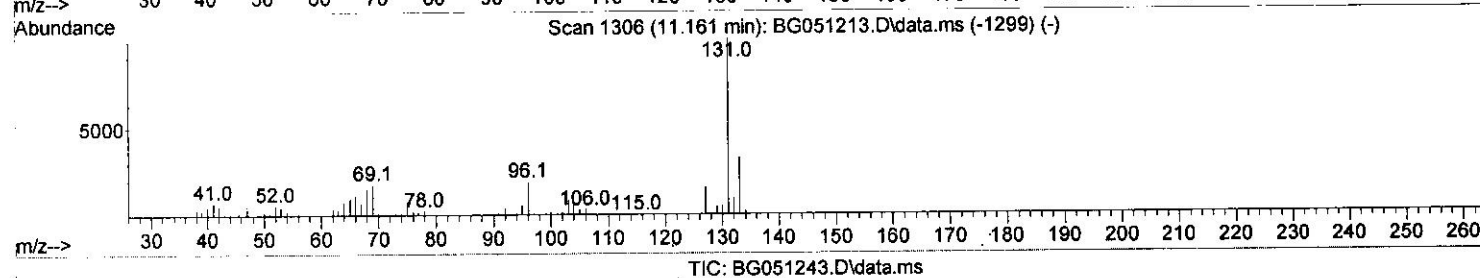
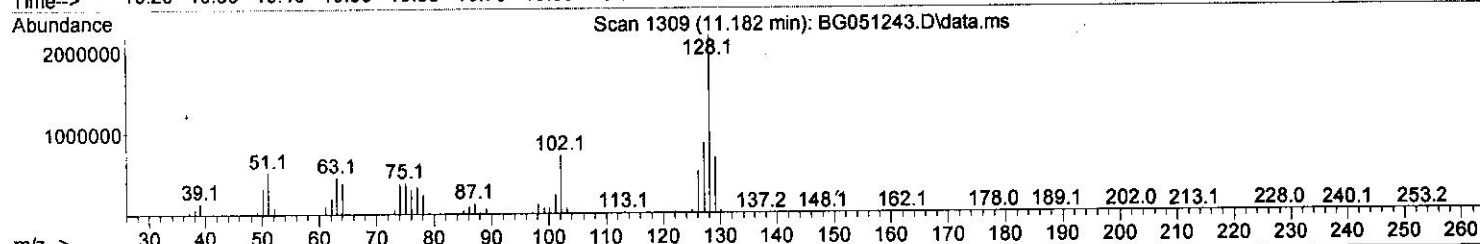
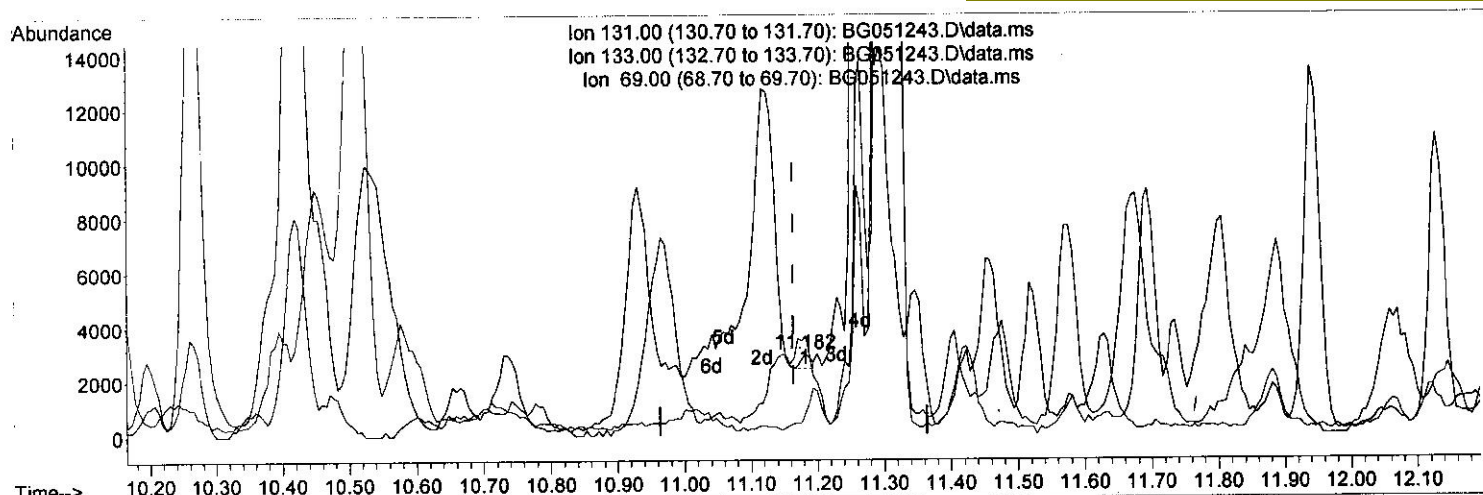
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 F4L16

Quant Time: Nov 26 04:16:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021



(31) 4-Chloroaniline-d4 (S)

11.182min (+ 0.018) 0.20 ng/ul

response 569

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.20	121.23#
69.00	21.30	27.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

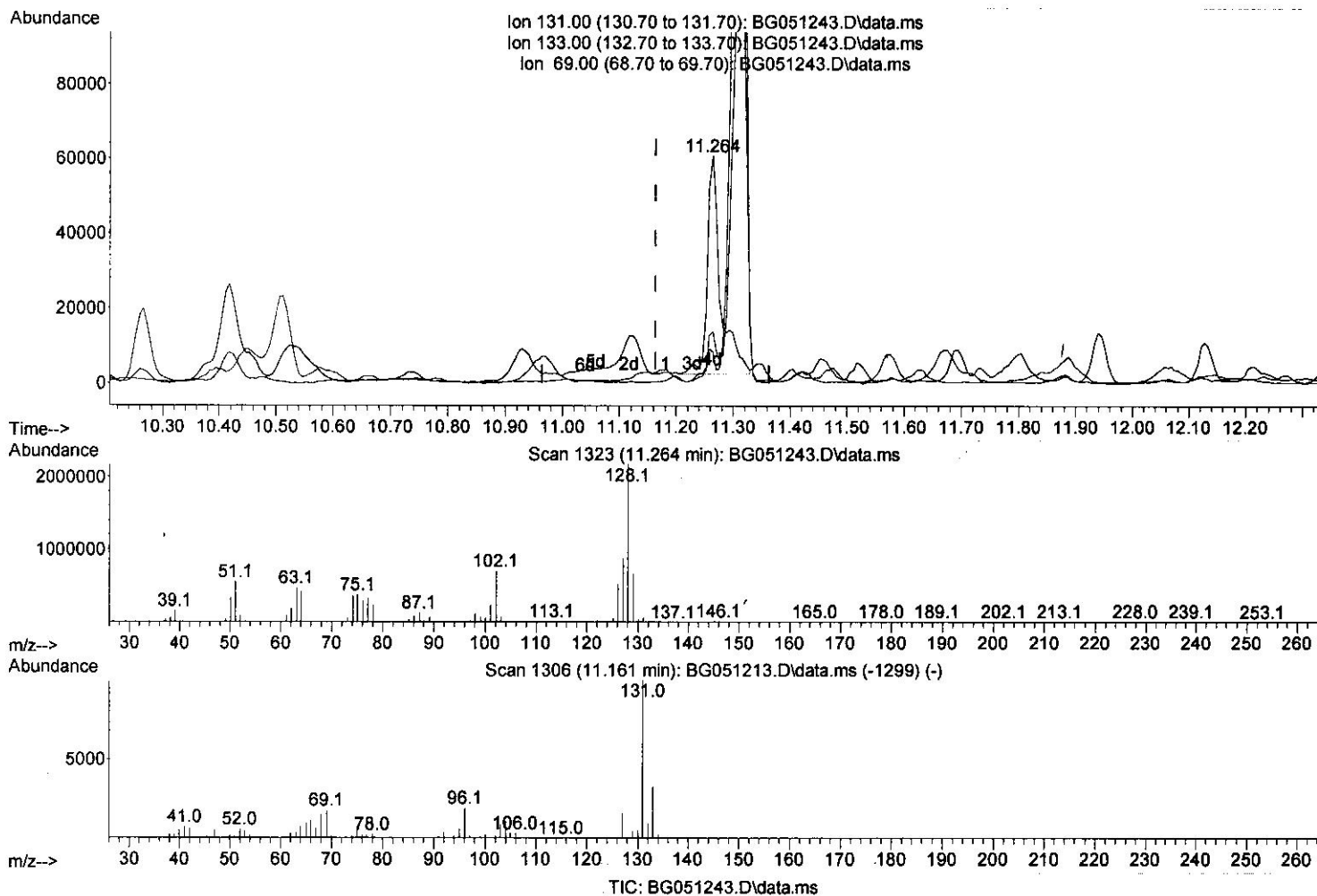
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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 Acq On : 25 Nov 2021 13:55
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 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L16

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(31) 4-Chloroaniline-d4 (S)

11.264min (+ 0.100) 33.11 ng/ul

response 94751

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.20	22.70#
69.00	21.30	13.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Data File : BG051243.D
 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampled :

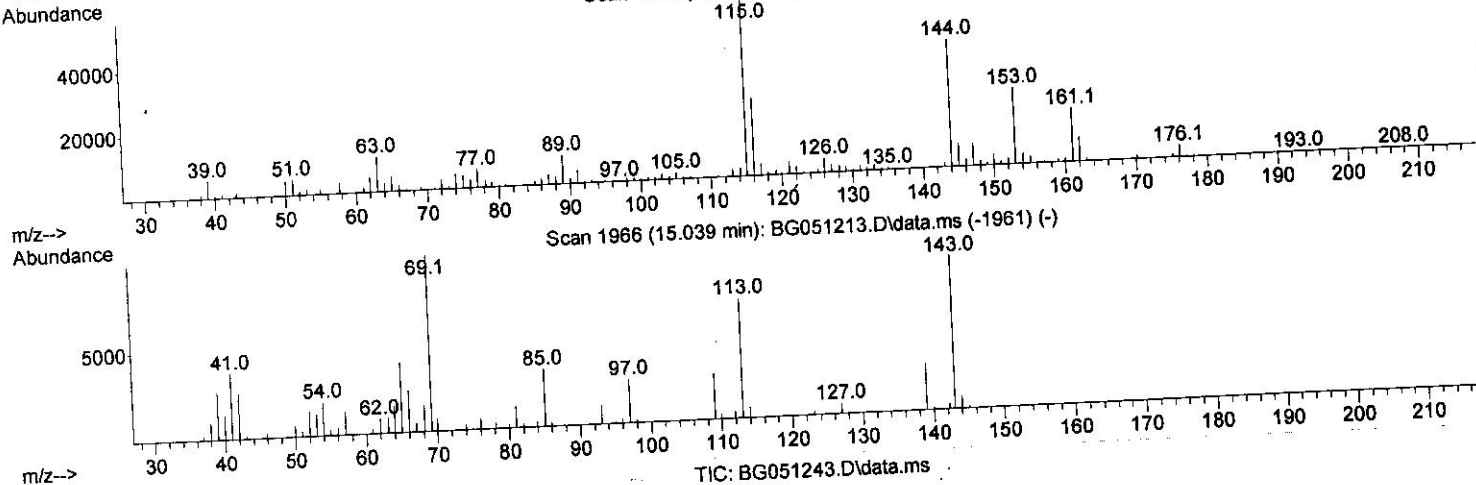
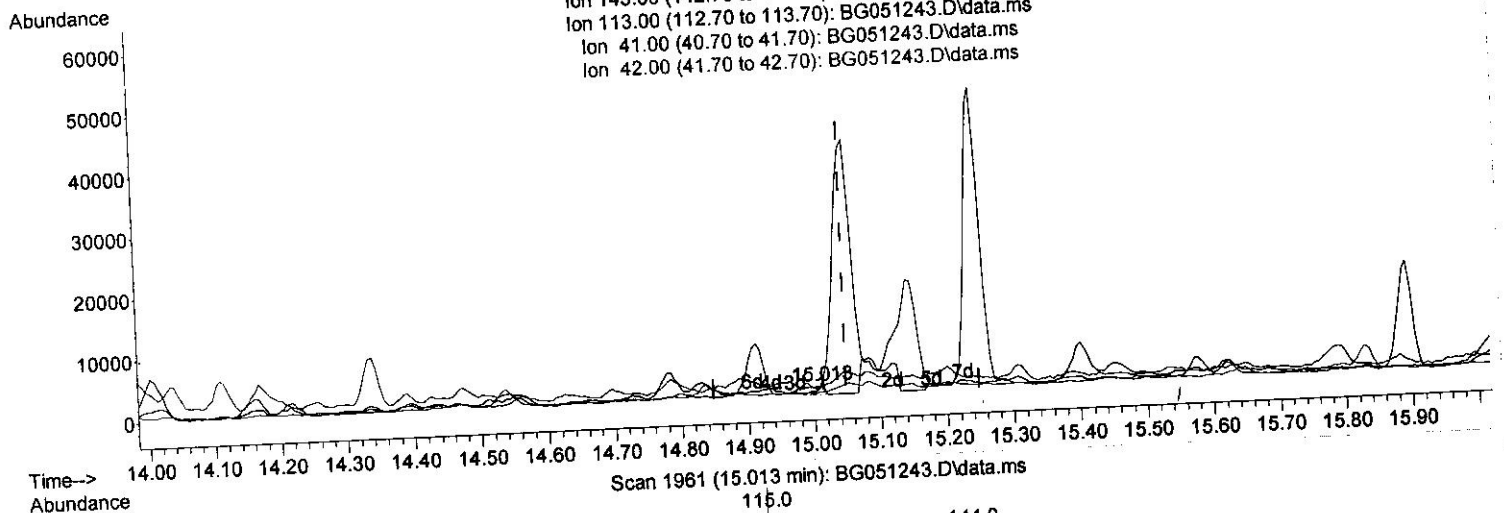
F4L16

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Ion 143.00 (142.70 to 143.70): BG051243.D
 Ion 113.00 (112.70 to 113.70): BG051243.D\data.ms
 Ion 41.00 (40.70 to 41.70): BG051243.D\data.ms
 Ion 42.00 (41.70 to 42.70): BG051243.D\data.ms



(54) 4-Nitrophenol-d4 (S)

15.013min (-0.035) 1.00 ng/tl

response 1240

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	160.48#
41.00	44.40	85.35#
42.00	29.70	22.51#

Quantitation Report (Qedit)

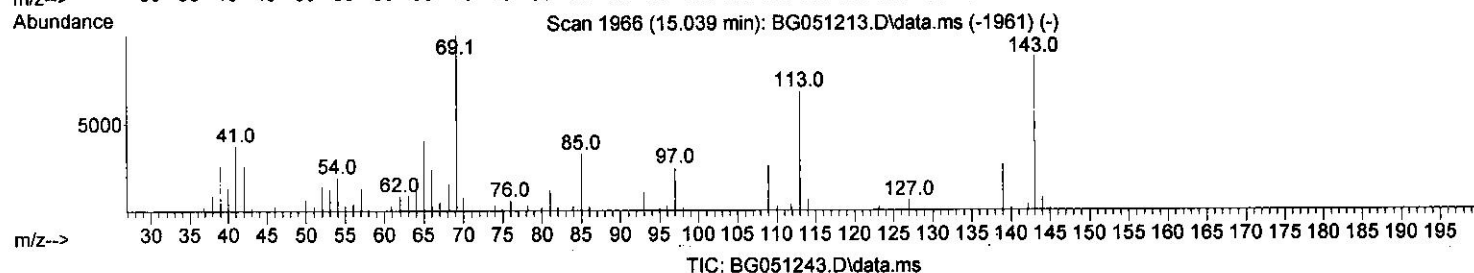
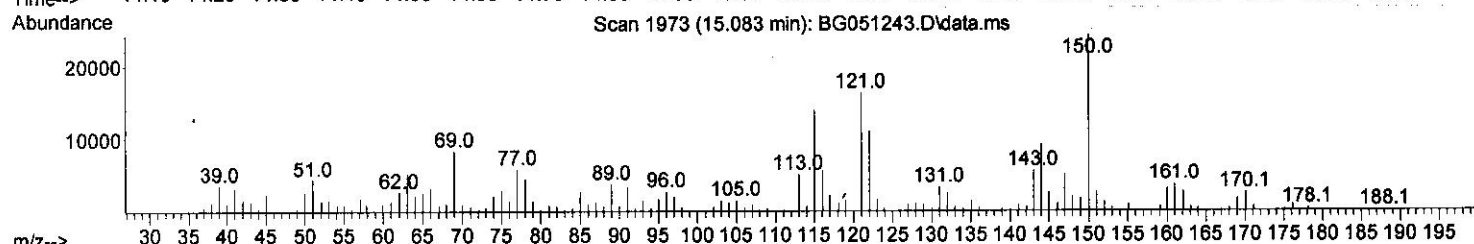
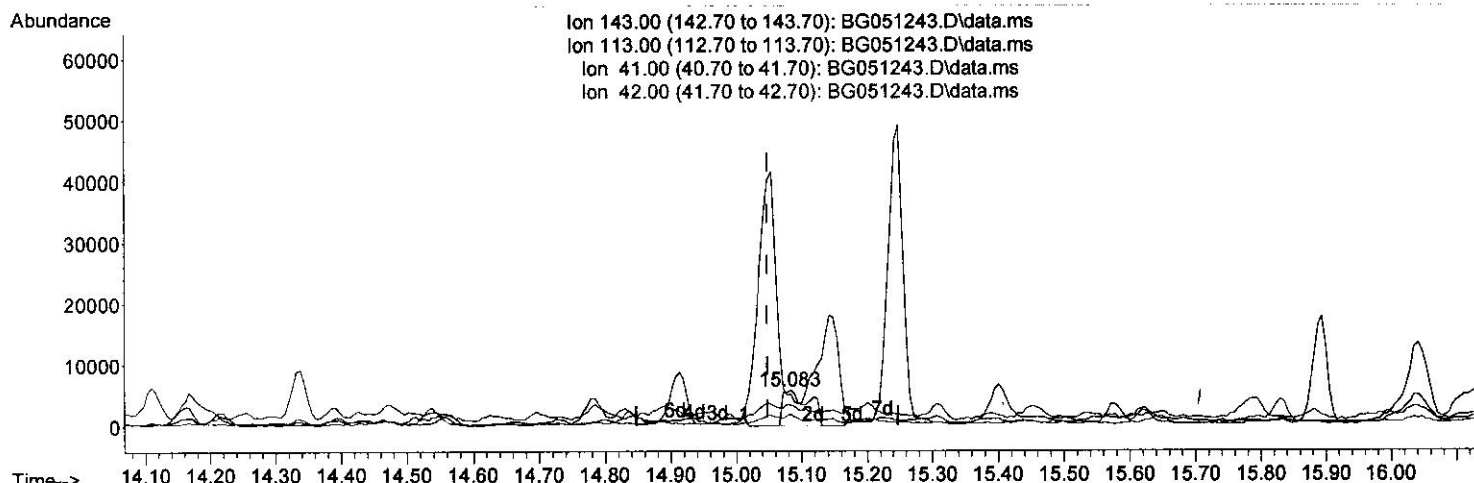
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051243.D
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 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L16

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(54) 4-Nitrophenol-d4 (S)

15.083min (+ 0.035) 12.78 ng/ul m 3 24 11/20/21

response 15834

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	90.44
41.00	44.40	57.51#
42.00	29.70	31.98

Quantitation Report (LSC Reviewed)

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 Acq On : 25 Nov 2021 13:55
 Operator : CG/JU
 Sample : M4779-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 F4L16

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Mir
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	36096	20.000	ng/ul	0.00
20) Naphthalene-d8	11.129	136	121043m	20.000	ng/ul	0.10
38) Acenaphthene-d10	14.836	164	99461	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.592	188	185457	20.000	ng/ul	0.01
79) Chrysene-d12	21.887	240	175820	20.000	ng/ul	0.00
88) Perylene-d12	25.301	264	180330	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	5197	5.003	ng/ul	0.00
4) Pyridine-d5	3.973	84	41175	13.509	ng/ul	0.00
7) Phenol-d5	7.369	99	26065	7.306	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.521	67	83382	37.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.739	132	69883	27.203	ng/ul	0.00
15) 4-Methylphenol-d8	8.926	113	48597	16.881	ng/ul	0.01
21) Nitrobenzene-d5	9.390	128	54943	53.772	ng/ul	0.01
24) 2-Nitrophenol-d4	10.130	143	55105	47.809	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.729	165	80184	41.002	ng/ul	0.08
31) 4-Chloroaniline-d4	11.264	131	94751m	33.113	ng/ul	0.10
46) Dimethylphthalate-d6	14.255	166	263643	34.450	ng/ul	0.03
49) Acenaphthylene-d8	14.537	160	339676	35.199	ng/ul	0.00
54) 4-Nitrophenol-d4	15.083	143	15834m	12.782	ng/ul	0.04
60) Fluorene-d10	15.829	176	246791	35.811	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	16120	14.086	ng/ul	0.04
73) Anthracene-d10	17.692	188	343151	38.688	ng/ul	0.01
81) Pyrene-d10	19.971	212	391348	36.786	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.066	264	361941	37.581	ng/ul	0.02

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11/30/21

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11/30/21

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Pyridine	3.996	79	5011	1.580	ng/ul#	48
8) Phenol	7.398	94	6989	1.891	ng/ul#	1
13) 2-Methylphenol	8.655	108	151844	55.159	ng/ul	99
16) Acetophenone	9.049	105	48704	10.938	ng/ul#	76
18) 4-Methylphenol	8.990	108	42141	14.316	ng/ul	96
26) 2,4-Dimethylphenol	10.242	107	1288314	527.806	ng/ul	99
30) Naphthalene	11.211	128	23776771m	3610.092	ng/ul	96
36) 2-Methylnaphthalene	12.709	142	2859731	638.355	ng/ul	99
37) 1-Methylnaphthalene	12.921	142	2118933	459.745	ng/ul#	98
43) 1,1'-Biphenyl	13.673	154	600563	80.843	ng/ul	93
50) Acenaphthylene	14.566	152	197260	20.690	ng/ul#	92
52) Acenaphthene	14.913	153	1438017	228.699	ng/ul	92
56) Dibenzofuran	15.248	168	1294702	142.754	ng/ul	92
61) Fluorene	15.894	166	1021325	140.587	ng/ul	97
72) Phenanthrene	17.639	178	1462314	142.806	ng/ul	93
74) Anthracene	17.727	178	185493	18.240	ng/ul	99
77) Carbazole	18.033	167	3743611	419.376	ng/ul#	78
80) Fluoranthene	19.648	202	287261	21.985	ng/ul	95
82) Pyrene	20.001	202	200409	15.680	ng/ul	96
85) Benzo(a)anthracene	21.869	228	44159	3.703	ng/ul	96
87) Chrysene	21.940	228	33352	2.911	ng/ul	97
90) Benzo(b)fluoranthene	24.202	252	29903	2.457	ng/ul	99
93) Benzo(a)pyrene	25.130	252	19568	1.685	ng/ul	98

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11/30/21

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

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