

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
 Data File : BG062144.D
 Acq On : 19 Jul 2024 17:35
 Operator : MA/JU
 Sample : P3217-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 20 02:14:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	50195	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	203840	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.699	164	156784	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	405680	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	405228	20.000	ng/u1	0.00
88) Perylene-d12	24.944	264	427916	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	4095	3.809	ng/uL	0.00
4) Pyridine-d5	3.878	84	51239	13.117	ng/u1	0.00
7) Phenol-d5	7.239	99	23475	4.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	43698	15.390	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	43008	13.810	ng/u1	0.00
15) 4-Methylphenol-d8	8.784	113	37745	10.029	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	26072	16.054	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	29254	14.966	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.511	165	63676	15.561	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	15825	3.215	ng/u1	0.00
46) Dimethylphthalate-d6	14.100	166	212279	15.974	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	215789	16.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	16430m	10.260	ng/u1	0.00
60) Fluorene-d10	15.686	176	190639	16.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	39993m	15.513	ng/u1	0.00
73) Anthracene-d10	17.542	188	307842	16.244	ng/u1	0.00
81) Pyrene-d10	19.828	212	395461	17.212	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.715	264	369964	17.295	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.491	88	29833	21.168	ng/uL	Qvalue 91
30) Naphthalene	10.934	128	69895	6.356	ng/u1#	87
36) 2-Methylnaphthalene	12.537	142	593080	71.444	ng/u1	87
37) 1-Methylnaphthalene	12.755	142	628887	73.472	ng/u1	99
43) 1,1'-Biphenyl	13.536	154	25124	2.264	ng/u1#	96
52) Acenaphthene	14.764	153	30603	3.138	ng/u1#	88
61) Fluorene	15.745	166	32116	2.551	ng/u1#	90
72) Phenanthrene	17.489	178	97953	5.018	ng/u1	96
78) Di-n-butylphthalate	18.388	149	43266	2.209	ng/u1#	93
80) Fluoranthene	19.487	202	57616	2.186	ng/u1#	96
82) Pyrene	19.851	202	82241	3.001	ng/u1#	85
86) Bis(2-ethylhexyl)phtha...	21.572	149	48116	4.127	ng/u1#	89

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

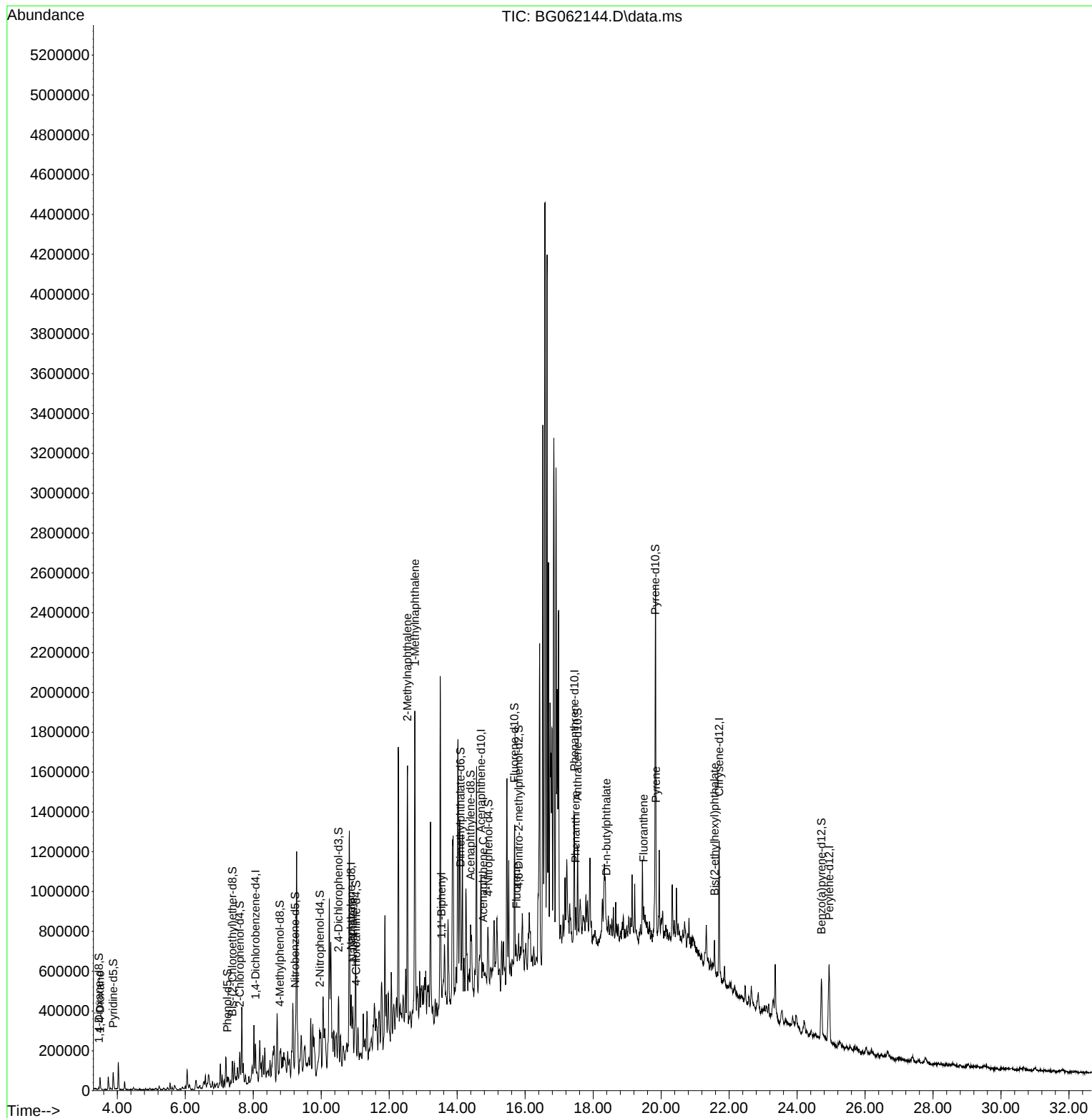
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062144.D
Acq On : 19 Jul 2024 17:35
Operator : MA/JU
Sample : P3217-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

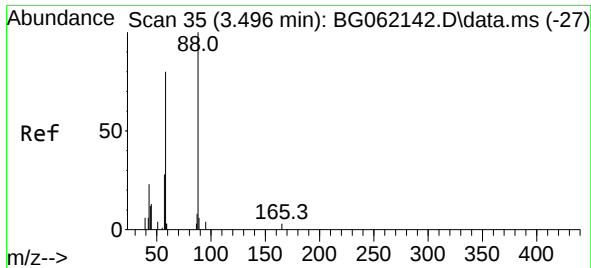
Instrument :
BNA_G
ClientSampleId :
YDZD7

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

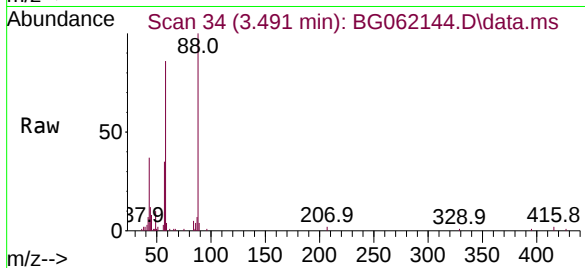
Quant Time: Jul 20 02:14:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration





#2
 1,4-Dioxane
 Concen: 21.168 ng/uL
 RT: 3.491 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: BG062144.D
 Acq: 19 Jul 2024 17:35

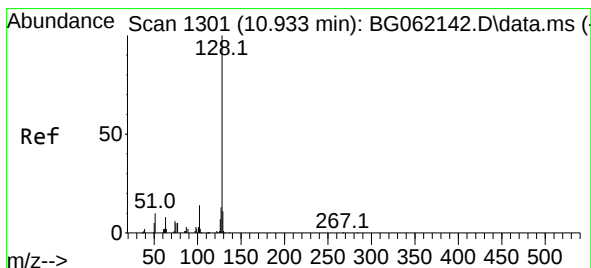
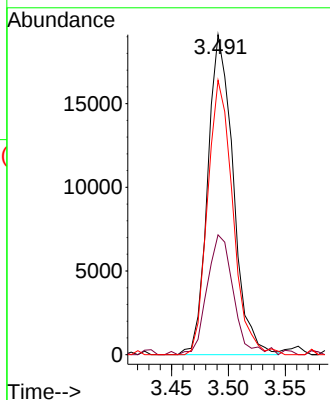
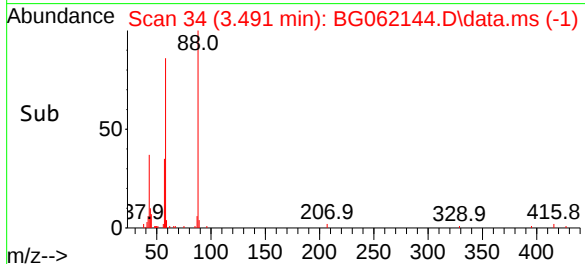
Instrument :
 BNA_G
 ClientSampleId :
 YDZD7



Tgt Ion: 88 Resp: 2983
 Ion Ratio Lower Upper
 88 100
 43 37.4 25.0 37.4
 58 85.7 75.4 113.2

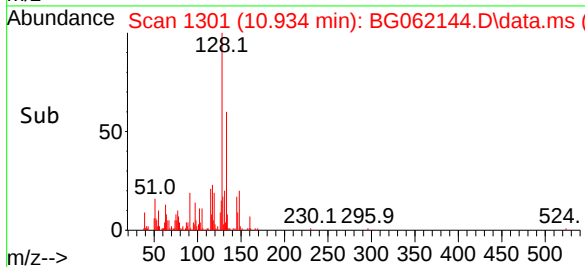
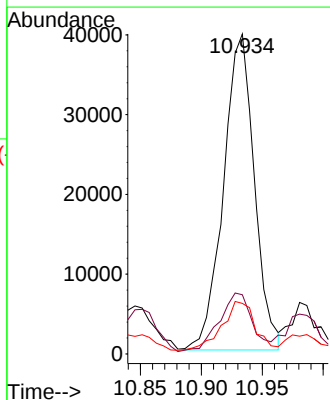
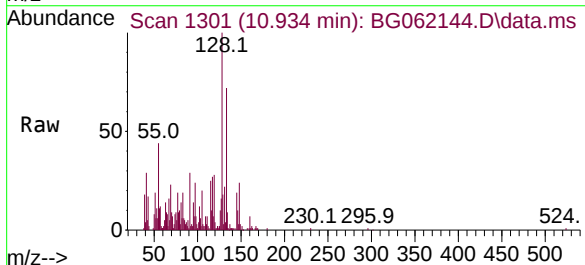
Manual Integrations
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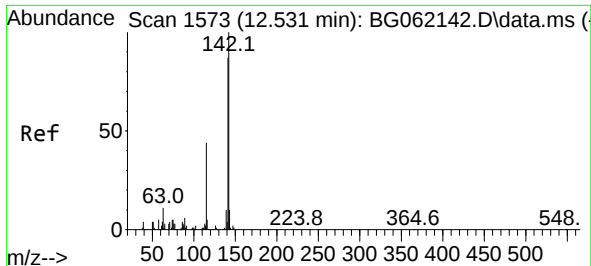
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/23/2024



#30
 Naphthalene
 Concen: 6.356 ng/uL
 RT: 10.934 min Scan# 1301
 Delta R.T. 0.003 min
 Lab File: BG062144.D
 Acq: 19 Jul 2024 17:35

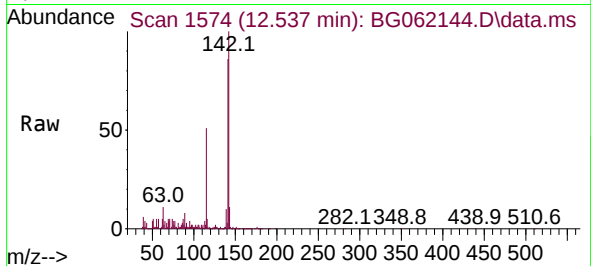
Tgt Ion:128 Resp: 69895
 Ion Ratio Lower Upper
 128 100
 129 18.5 8.7 13.1#
 127 15.8 10.6 15.8





#36
2-Methylnaphthalene
Concen: 71.444 ng/ul
RT: 12.537 min Scan# 1573
Delta R.T. 0.009 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35

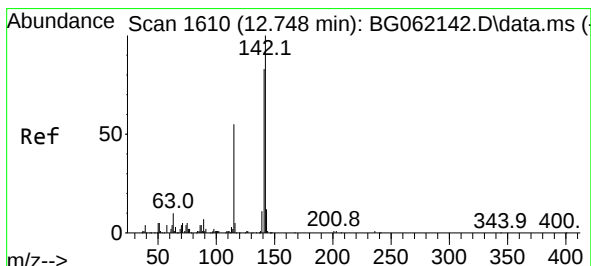
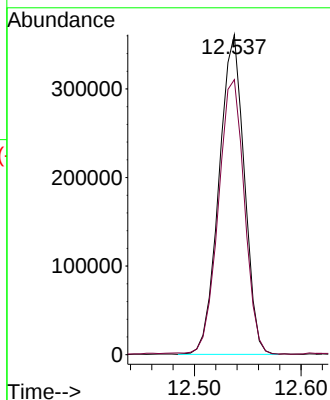
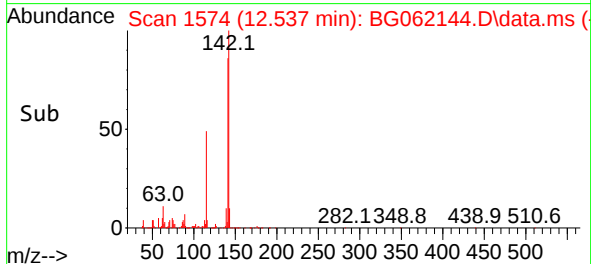
Instrument :
BNA_G
ClientSampleId :
YDZD7



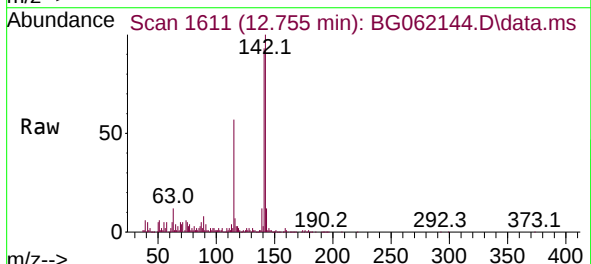
Tgt Ion:142 Resp: 593080
Ion Ratio Lower Upper
142 100
141 86.0 79.1 118.7

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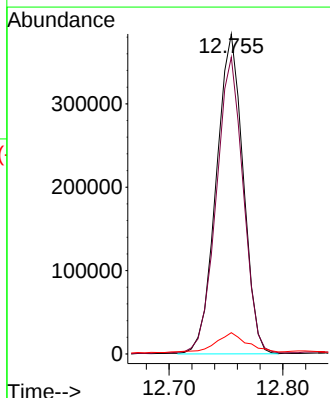
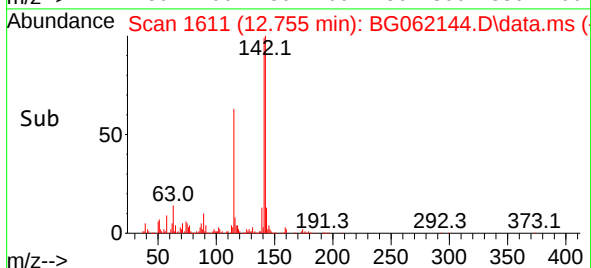
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

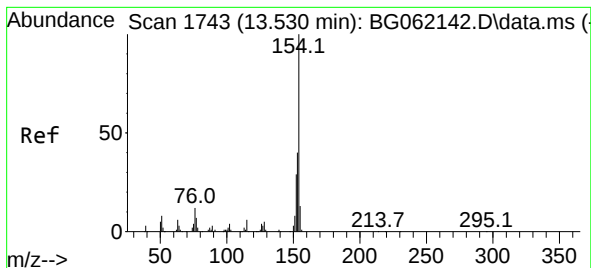


#37
1-Methylnaphthalene
Concen: 73.472 ng/ul
RT: 12.755 min Scan# 1611
Delta R.T. 0.003 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35



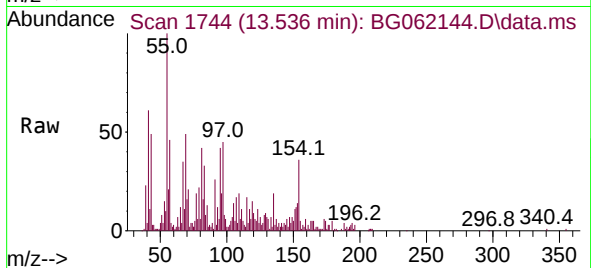
Tgt Ion:142 Resp: 628887
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4
116 6.6 4.5 6.7





#43
1,1'-Biphenyl
Concen: 2.264 ng/ul
RT: 13.536 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35

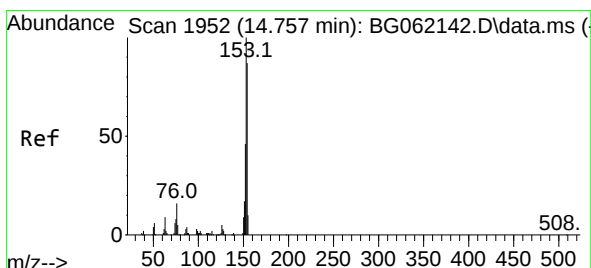
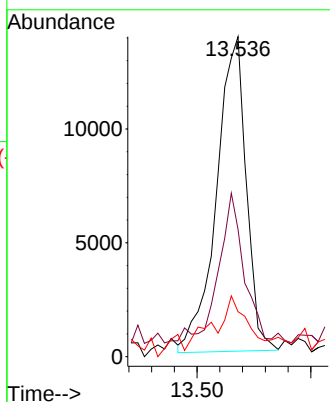
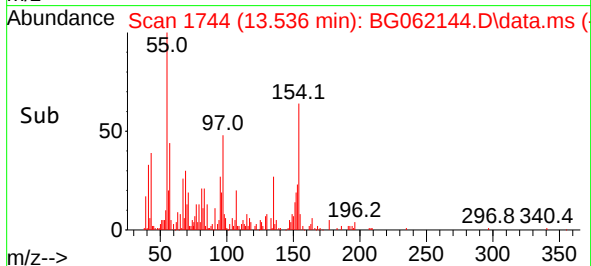
Instrument :
BNA_G
ClientSampleId :
YDZD7



Tgt Ion:154 Resp: 25124
Ion Ratio Lower Upper
154 100
153 39.8 30.3 45.5
76 14.1 9.0 13.6

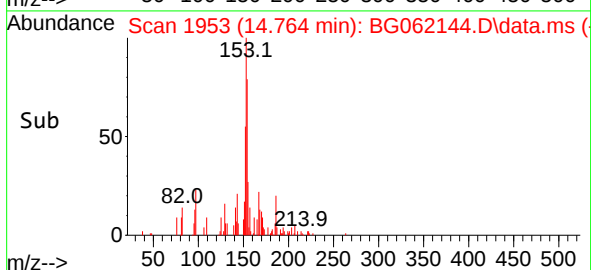
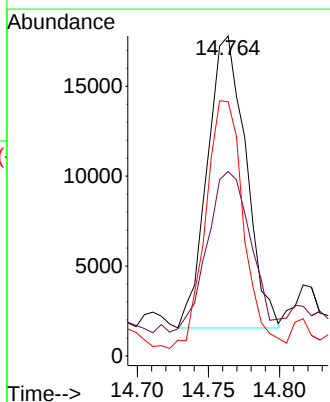
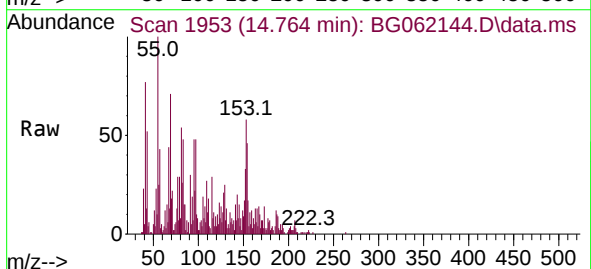
Manual Integrations
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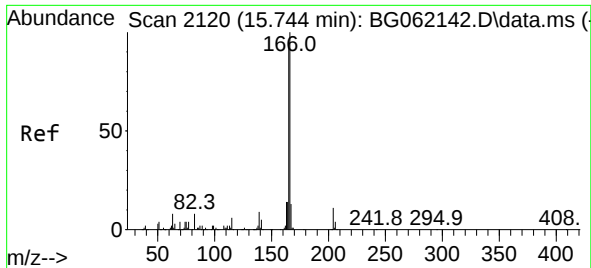
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024



#52
Acenaphthene
Concen: 3.138 ng/ul
RT: 14.764 min Scan# 1953
Delta R.T. 0.003 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35

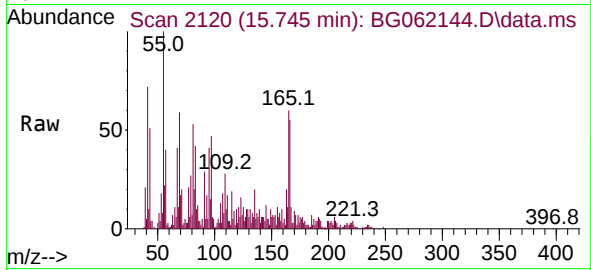
Tgt Ion:153 Resp: 30603
Ion Ratio Lower Upper
153 100
152 57.6 38.2 57.4#
154 79.4 71.0 106.6





#61
Fluorene
Concen: 2.551 ng/u1
RT: 15.745 min Scan# 2120
Delta R.T. 0.003 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35

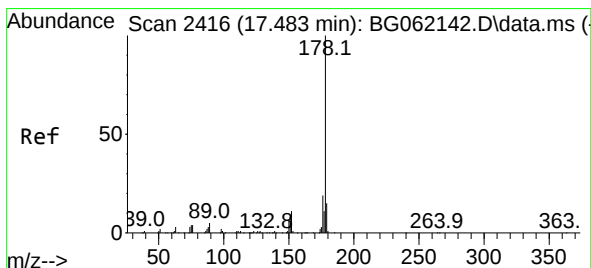
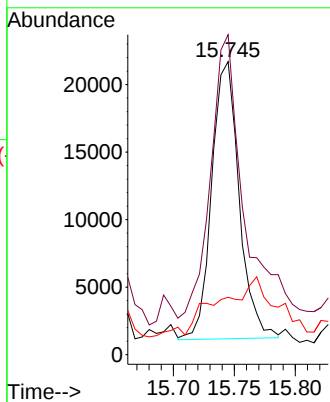
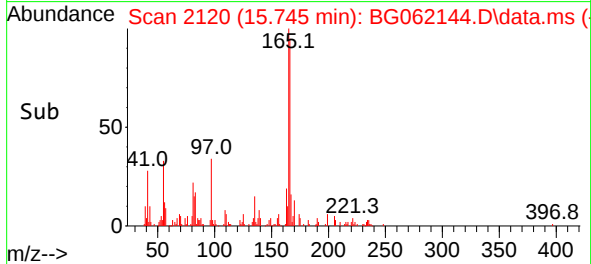
Instrument :
BNA_G
ClientSampleId :
YDZD7



Tgt Ion:166 Resp: 32110
Ion Ratio Lower Upper
166 100
165 109.2 80.2 120.2
167 19.6 10.9 16.3

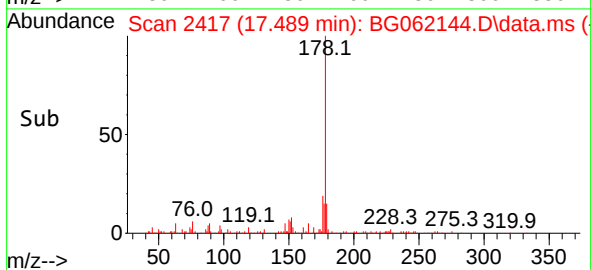
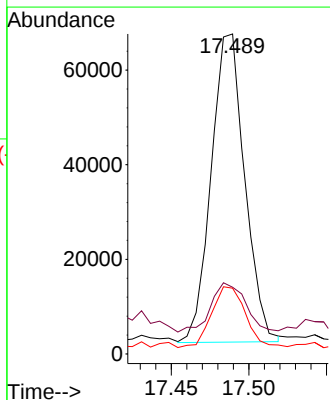
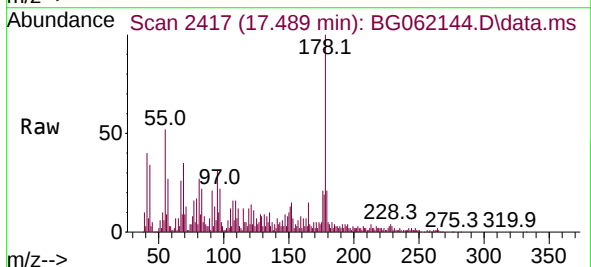
Manual Integrations
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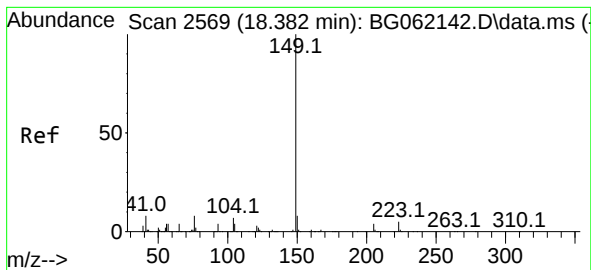
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024



#72
Phenanthrene
Concen: 5.018 ng/u1
RT: 17.489 min Scan# 2417
Delta R.T. 0.009 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35

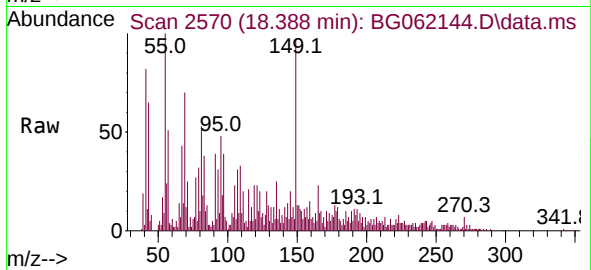
Tgt Ion:178 Resp: 97953
Ion Ratio Lower Upper
178 100
179 20.9 14.1 21.1
176 20.6 16.3 24.5





#78
Di-n-butylphthalate
Concen: 2.209 ng/ul
RT: 18.388 min Scan# 2569
Delta R.T. 0.003 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35

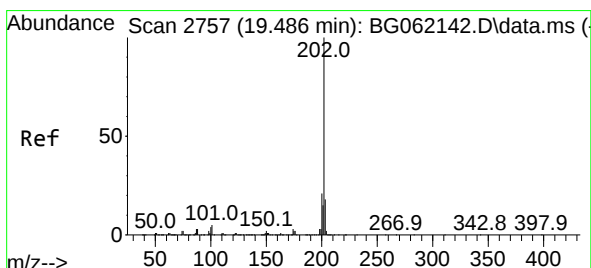
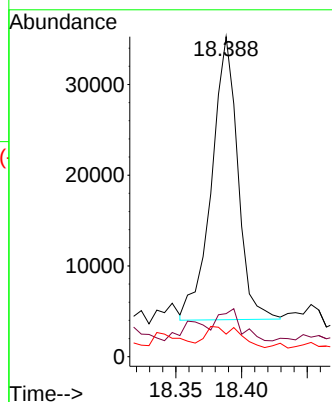
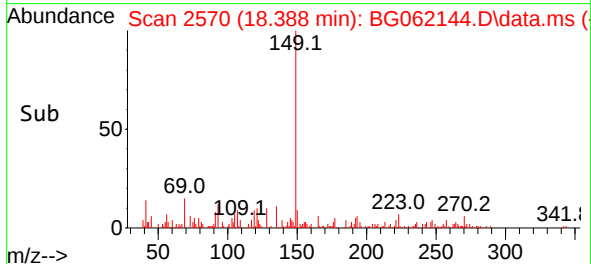
Instrument :
BNA_G
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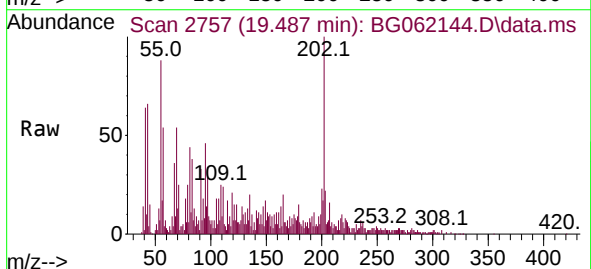
Tgt Ion:149 Resp: 43260
Ion Ratio Lower Upper
149 100
150 13.4 7.4 11.0#
104 7.0 5.2 7.8

Manual Integrations
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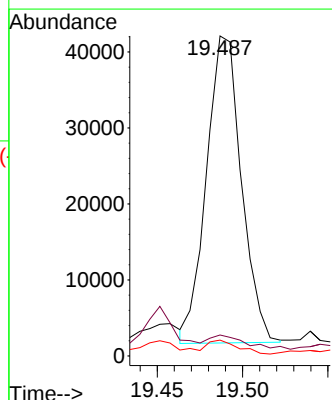
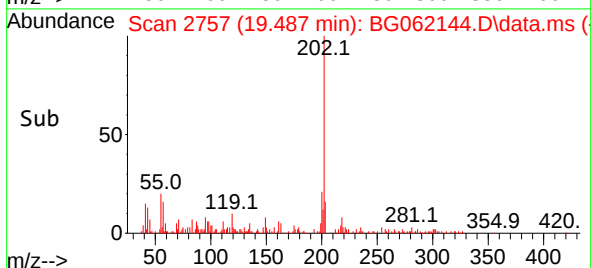
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

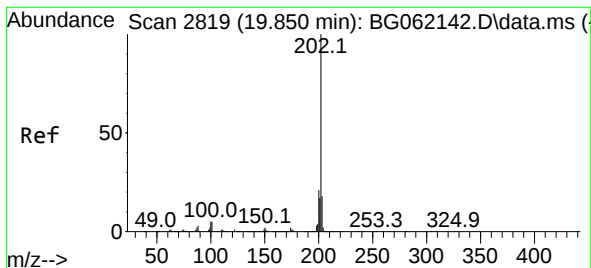


#80
Fluoranthene
Concen: 2.186 ng/ul
RT: 19.487 min Scan# 2757
Delta R.T. 0.003 min
Lab File: BG062144.D
Acq: 19 Jul 2024 17:35



Tgt Ion:202 Resp: 57616
Ion Ratio Lower Upper
202 100
101 6.6 4.2 6.2#
100 5.0 3.1 4.7#





#82

Pyrene

Concen: 3.001 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG062144.D

Acq: 19 Jul 2024 17:35

Instrument :

BNA_G

ClientSampleId :

YDZD7

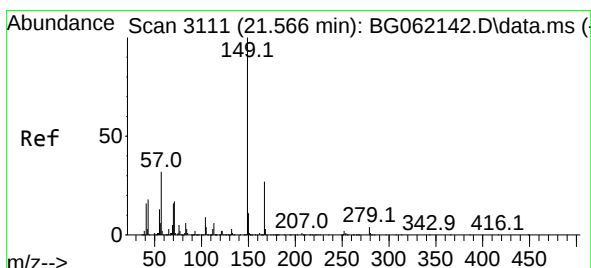
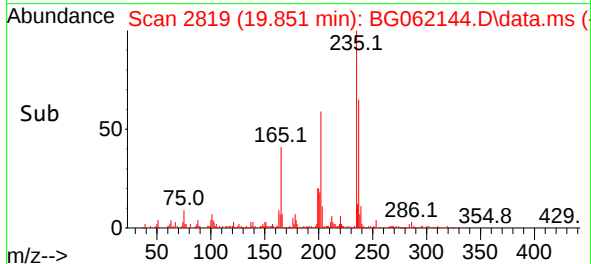
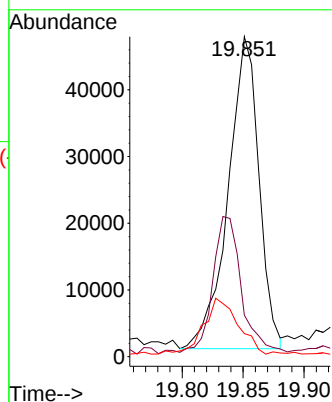
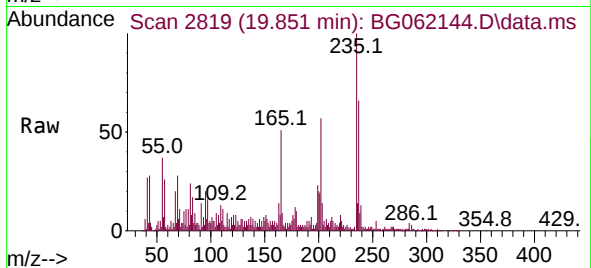
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Ion Ratio	Lower	Upper	
202	100		
101	13.0	4.2	6.4
100	7.2	4.0	6.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/23/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.127 ng/ul

RT: 21.572 min Scan# 3112

Delta R.T. 0.003 min

Lab File: BG062144.D

Acq: 19 Jul 2024 17:35

Tgt Ion:	149	Resp:	48116
Ion Ratio	Lower	Upper	
149	100		
167	31.1	20.2	30.2
279	6.6	3.8	5.8

