

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
 Data File : BG063600.D
 Acq On : 9 Dec 2024 13:27
 Operator : RC/JU
 Sample : P5066-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28M1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 00:14:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 15:14:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	92013	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	356771	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.468	164	296524	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	690128	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.495	240	819327	20.000	ng/u1	# 0.02
88) Perylene-d12	24.598	264	855154	20.000	ng/u1	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	6223	2.986	ng/uL	0.00
4) Pyridine-d5	3.693	84	99709	12.932	ng/u1	0.00
7) Phenol-d5	7.001	99	59827	6.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.153	67	186788	30.494	ng/u1	0.00
11) 2-Chlorophenol-d4	7.365	132	20259	3.796	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	70633	10.516	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	54157	21.626	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	10895	3.802	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.244	165	20410	3.308	ng/u1	0.00
31) 4-Chloroaniline-d4	10.743	131	286775	38.459	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	394600	18.311	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	419848	17.823	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	20267	7.344	ng/u1	0.00
60) Fluorene-d10	15.467	176	360550	16.973	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	5939	1.523	ng/u1	-0.01
73) Anthracene-d10	17.324	188	624720	19.825	ng/u1	0.00
81) Pyrene-d10	19.627	212	856069	18.850	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.386	264	879089	20.468	ng/u1	0.09
Target Compounds						
					Qvalue	
30) Naphthalene	10.667	128	735682	40.057	ng/u1	95
36) 2-Methylnaphthalene	12.288	142	1737272	122.697	ng/u1	96
37) 1-Methylnaphthalene	12.506	142	1166705	81.270	ng/u1	96
43) 1,1'-Biphenyl	13.293	154	165678	8.417	ng/u1	90
52) Acenaphthene	14.533	153	266666	14.826	ng/u1	96
61) Fluorene	15.526	166	908289	40.115	ng/u1#	93
72) Phenanthrene	17.277	178	6003891m	176.615	ng/u1	
74) Anthracene	17.365	178	2054888	58.537	ng/u1#	93
80) Fluoranthene	19.292	202	2631147	51.550	ng/u1	99
82) Pyrene	19.662	202	3131379	57.713	ng/u1	97
85) Benzo(a)anthracene	21.478	228	564623	10.218	ng/u1#	79
87) Chrysene	21.536	228	399792	7.702	ng/u1#	79

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

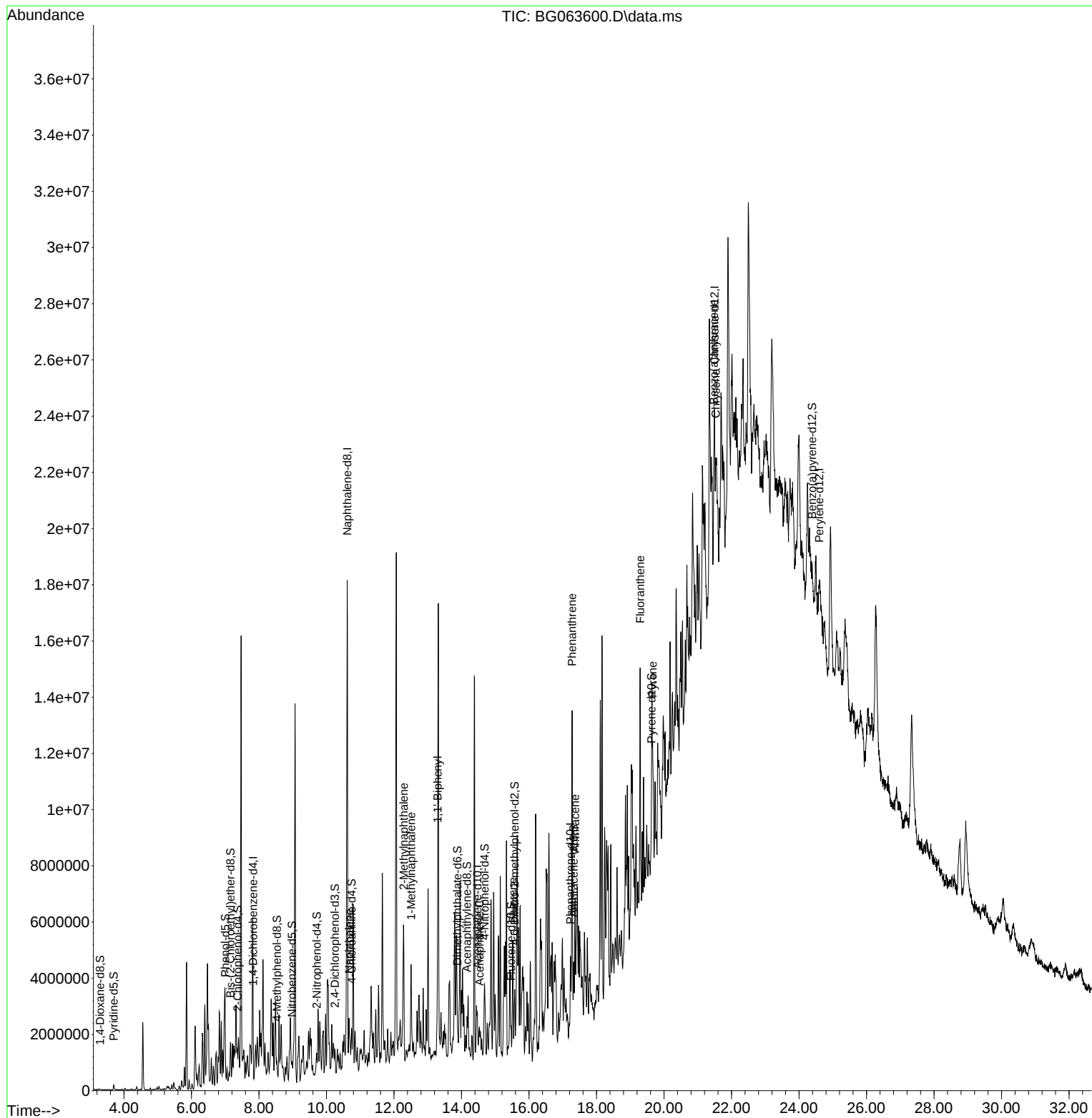
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063600.D
Acq On : 9 Dec 2024 13:27
Operator : RC/JU
Sample : P5066-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

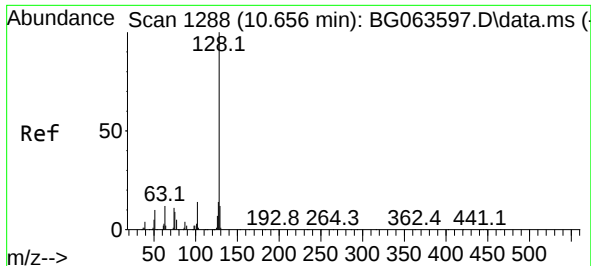
Instrument :
BNA_G
ClientSampleId :
E28M1

Manual Integrations
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Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

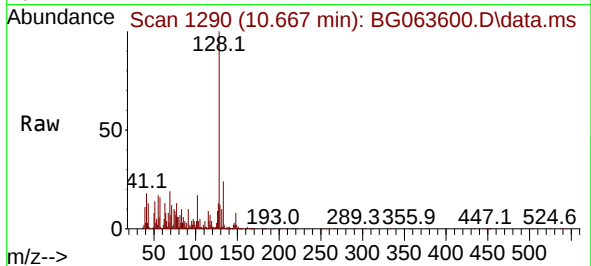
Quant Time: Dec 10 00:14:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 40.057 ng/ul
RT: 10.667 min Scan# 1290
Delta R.T. 0.010 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

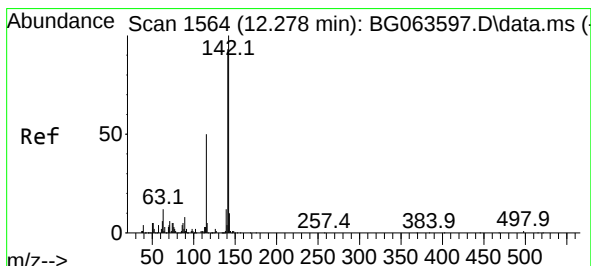
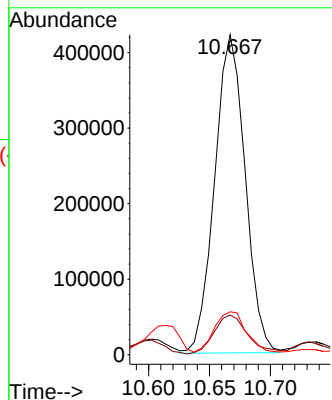
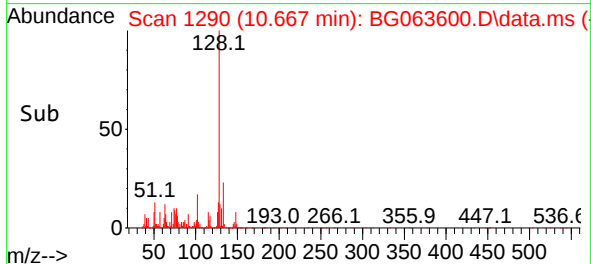
Instrument :
BNA_G
ClientSampleId :
E28M1



Tgt Ion:128 Resp: 735682
Ion Ratio Lower Upper
128 100
129 12.4 8.4 12.6
127 13.4 12.5 18.7

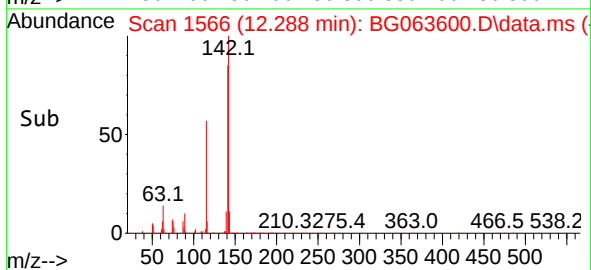
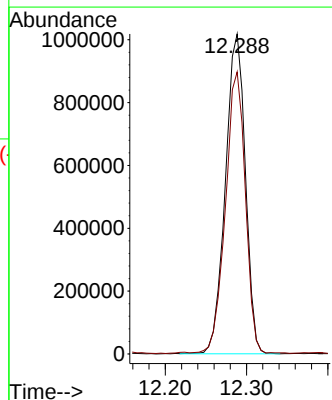
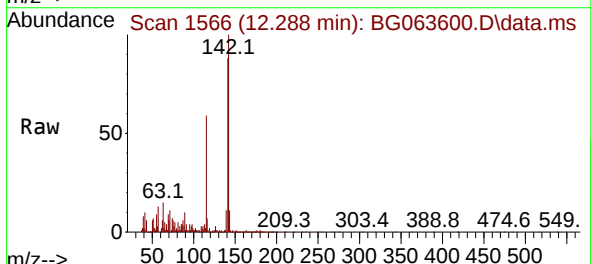
Manual Integrations
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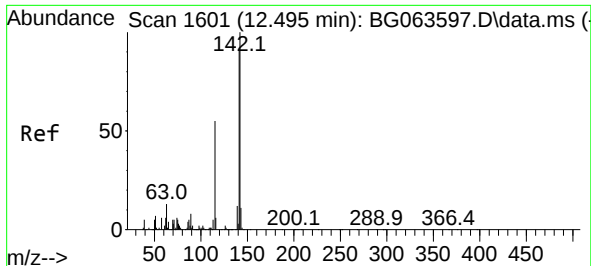
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#36
2-Methylnaphthalene
Concen: 122.697 ng/ul
RT: 12.288 min Scan# 1566
Delta R.T. 0.016 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

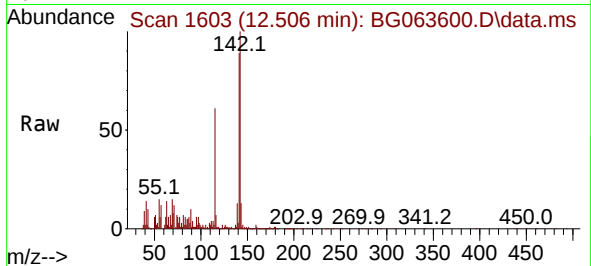
Tgt Ion:142 Resp: 1737272
Ion Ratio Lower Upper
142 100
141 88.1 73.4 110.0





#37
1-Methylnaphthalene
Concen: 81.270 ng/ul
RT: 12.506 min Scan# 1603
Delta R.T. 0.010 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

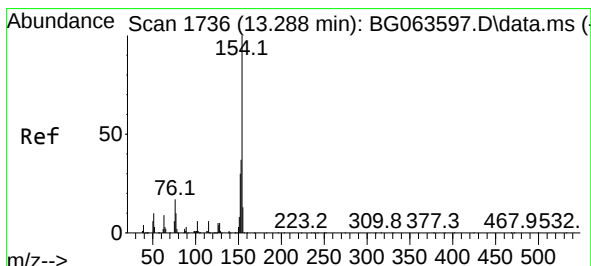
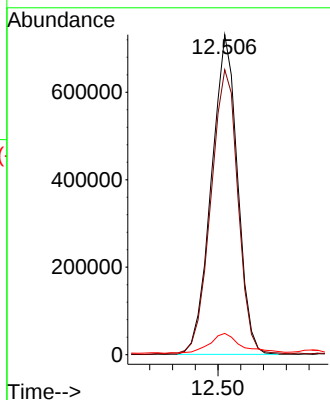
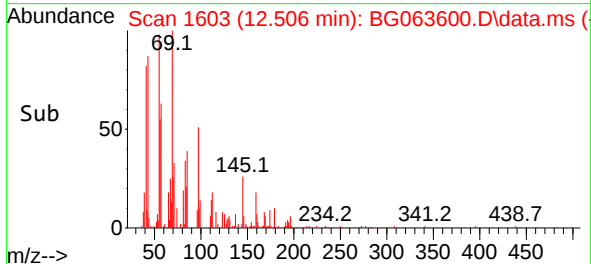
Instrument :
BNA_G
ClientSampleId :
E28M1



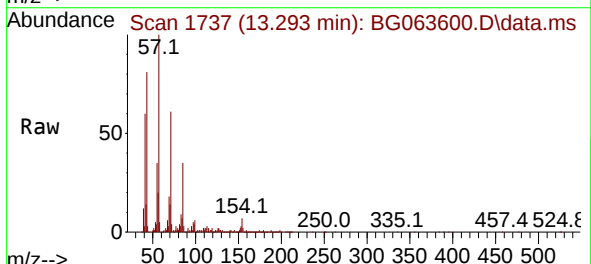
Tgt Ion:142 Resp: 116670
Ion Ratio Lower Upper
142 100
141 89.1 74.6 111.8
116 6.7 5.2 7.8

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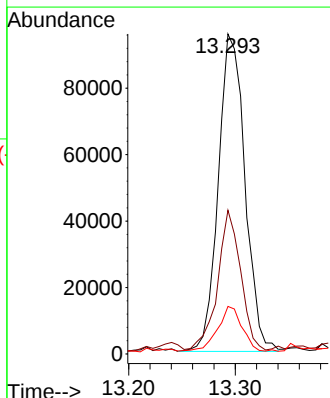
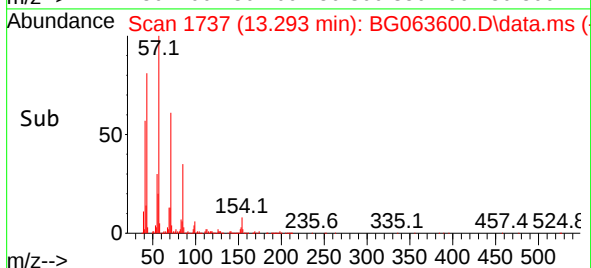
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

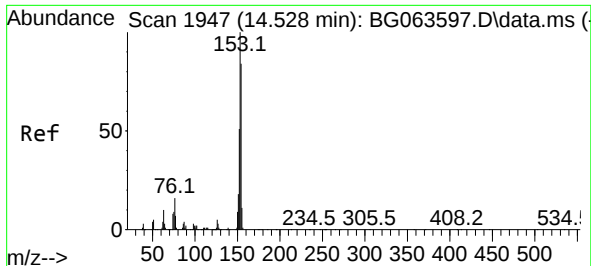


#43
1,1'-Biphenyl
Concen: 8.417 ng/ul
RT: 13.293 min Scan# 1737
Delta R.T. 0.004 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27



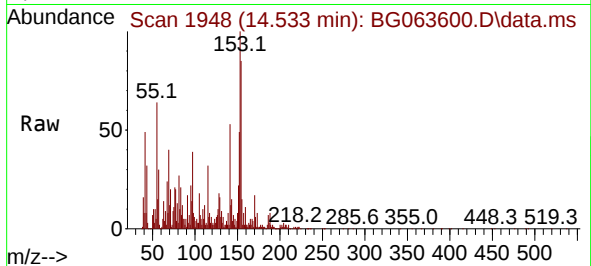
Tgt Ion:154 Resp: 165678
Ion Ratio Lower Upper
154 100
153 44.9 30.6 45.8
76 14.8 9.9 14.9





#52
Acenaphthene
Concen: 14.826 ng/ul
RT: 14.533 min Scan# 1948
Delta R.T. 0.010 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

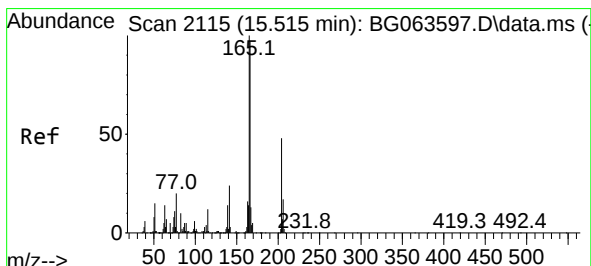
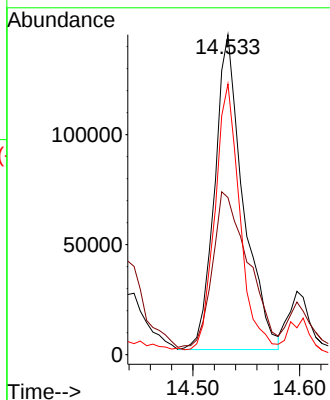
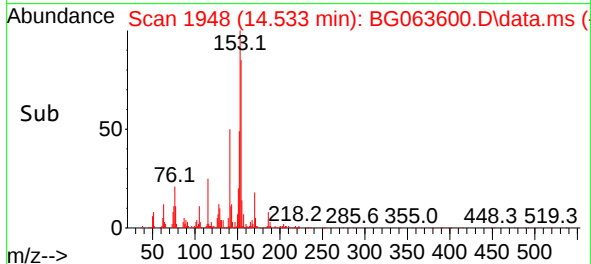
Instrument :
BNA_G
ClientSampleId :
E28M1



Tgt Ion:153 Resp: 266660
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.8
154 84.6 64.5 96.7

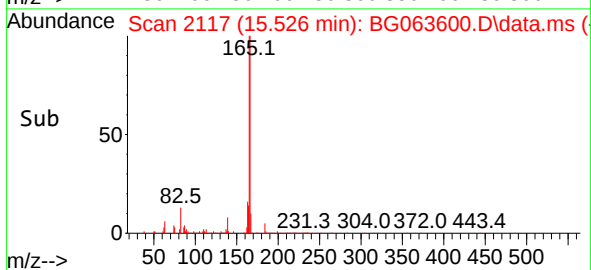
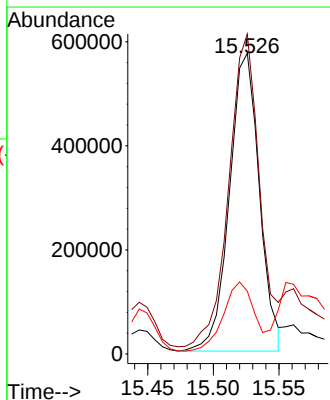
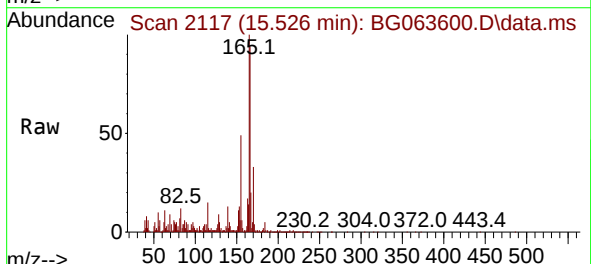
Manual Integrations
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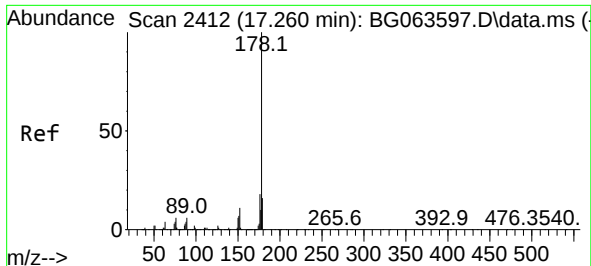
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#61
Fluorene
Concen: 40.115 ng/ul
RT: 15.526 min Scan# 2117
Delta R.T. 0.016 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

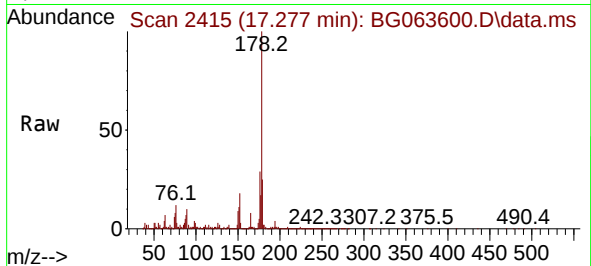
Tgt Ion:166 Resp: 908289
Ion Ratio Lower Upper
166 100
165 106.4 80.6 121.0
167 20.9 10.6 15.8#





#72
Phenanthrene
Concen: 176.615 ng/ul m
RT: 17.277 min Scan# 2412
Delta R.T. 0.021 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

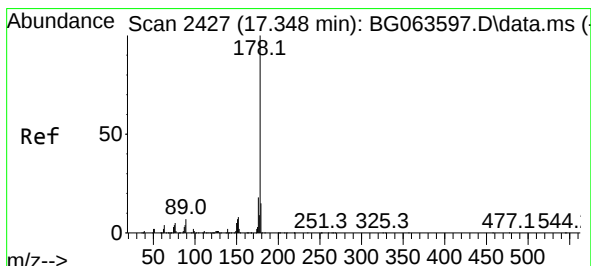
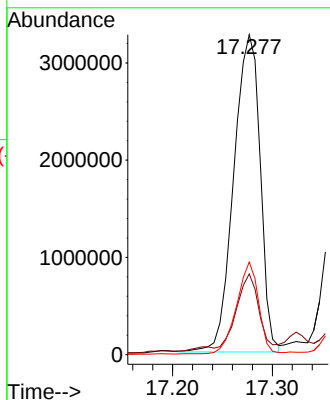
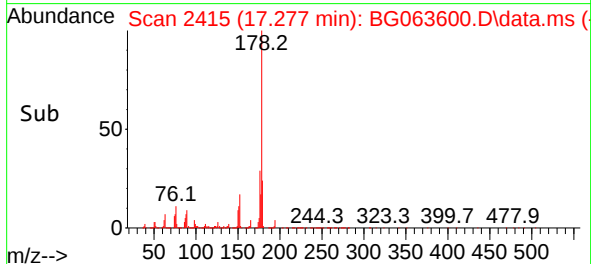
Instrument :
BNA_G
ClientSampleId :
E28M1



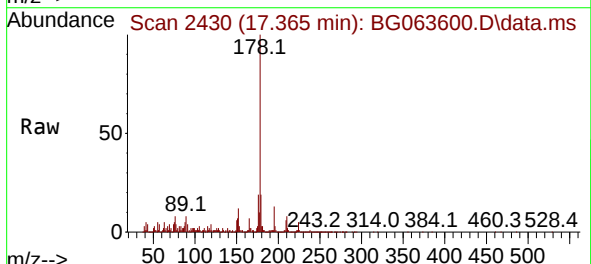
Tgt Ion:178 Resp: 600389
Ion Ratio Lower Upper
178 100
179 25.3 13.2 19.8
176 29.0 15.0 22.6

Manual Integrations
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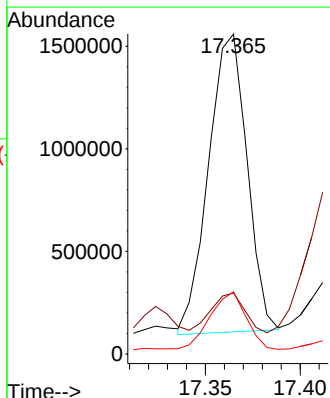
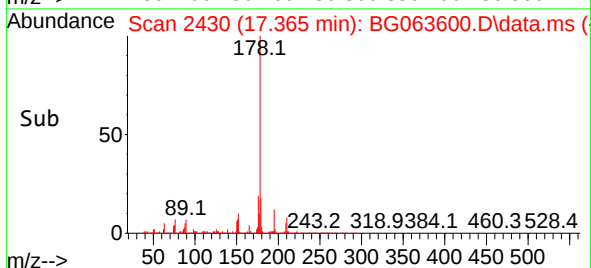
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

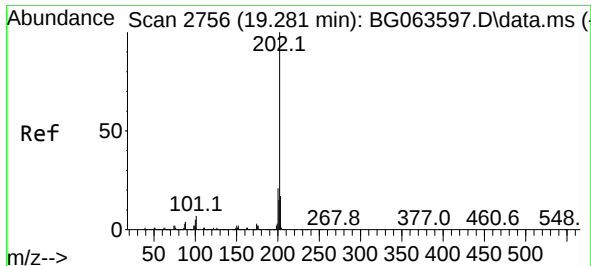


#74
Anthracene
Concen: 58.537 ng/ul
RT: 17.365 min Scan# 2430
Delta R.T. 0.016 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27



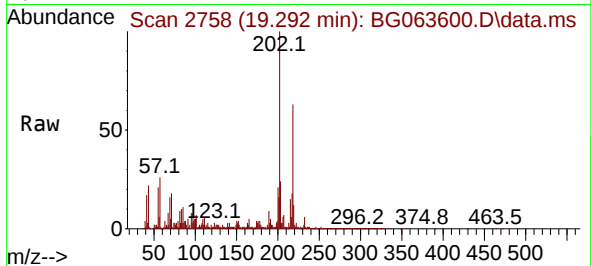
Tgt Ion:178 Resp: 2054888
Ion Ratio Lower Upper
178 100
179 19.0 11.8 17.6
176 19.4 14.2 21.2





#80
Fluoranthene
Concen: 51.550 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.016 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

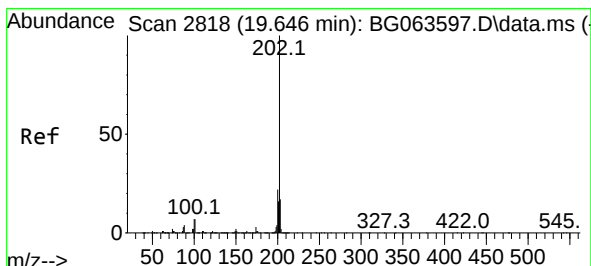
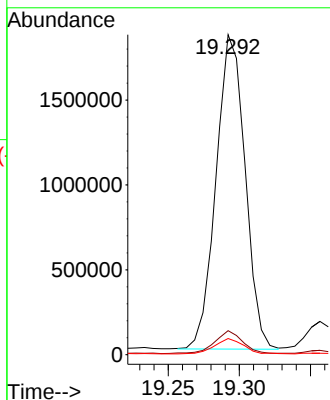
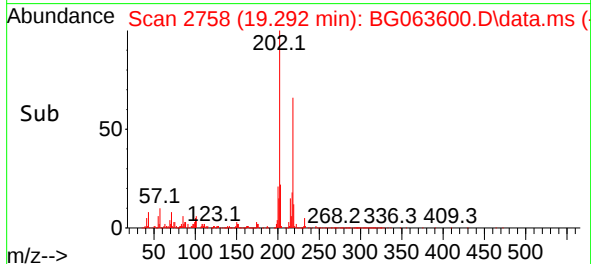
Instrument :
BNA_G
ClientSampleId :
E28M1



Tgt Ion:202 Resp: 263114
Ion Ratio Lower Upper
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101 7.5 5.9 8.9
100 5.1 4.7 7.1

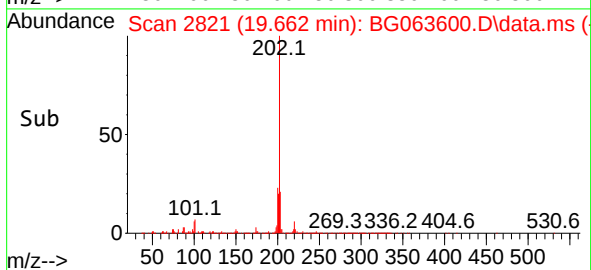
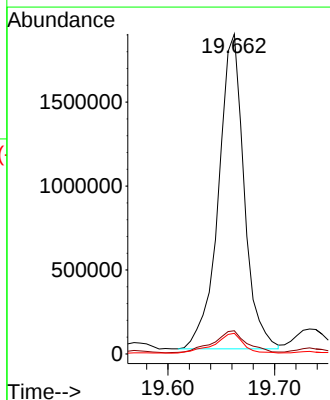
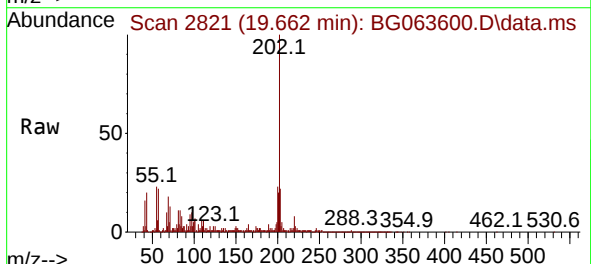
Manual Integrations
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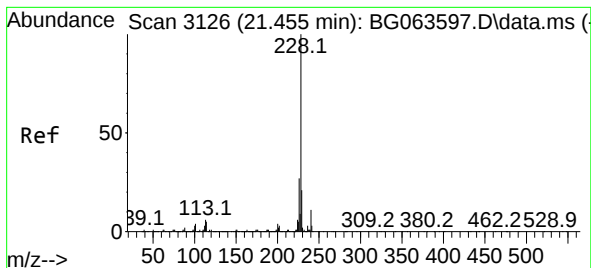
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#82
Pyrene
Concen: 57.713 ng/u1
RT: 19.662 min Scan# 2821
Delta R.T. 0.021 min
Lab File: BG063600.D
Acq: 9 Dec 2024 13:27

Tgt Ion:202 Resp: 3131379
Ion Ratio Lower Upper
202 100
101 7.2 6.5 9.7
100 6.5 5.9 8.9





#85

Benzo(a)anthracene

Concen: 10.218 ng/ul

RT: 21.478 min Scan# 3126

Delta R.T. 0.027 min

Lab File: BG063600.D

Acq: 9 Dec 2024 13:27

Instrument :

BNL_G

ClientSampleId :

E28M1

Tgt Ion:228 Resp: 56462

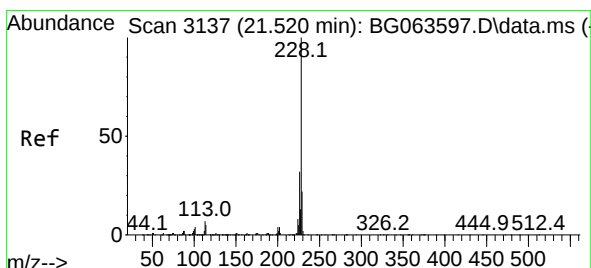
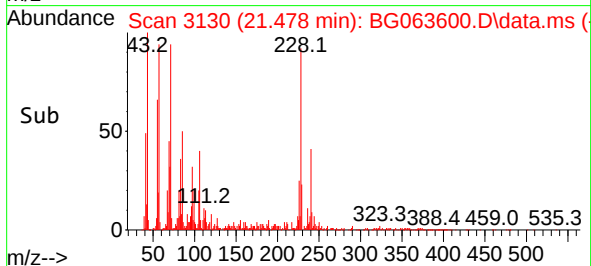
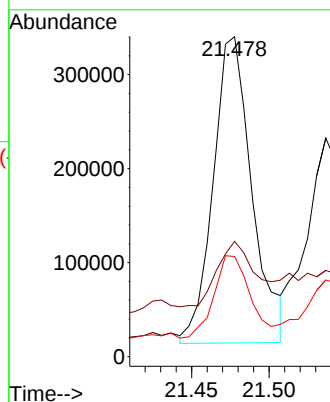
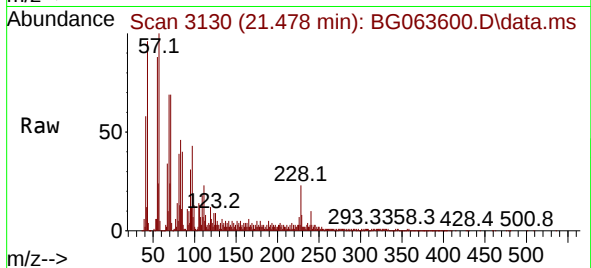
Ion	Ratio	Lower	Upper
228	100		
229	36.0	16.0	24.0
226	31.3	21.0	31.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/11/2024



#87

Chrysene

Concen: 7.702 ng/ul

RT: 21.536 min Scan# 3140

Delta R.T. 0.021 min

Lab File: BG063600.D

Acq: 9 Dec 2024 13:27

Tgt Ion:228 Resp: 399792

Ion	Ratio	Lower	Upper
228	100		
226	35.1	24.6	37.0
229	39.5	16.2	24.2

