

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063820.D
 Acq On : 24 Dec 2024 15:28
 Operator : RC/JU
 Sample : P5333-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2915

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 01:17:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	114272	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	502707	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.441	164	392727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.191	188	905247	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	882140	20.000	ng/u1	0.00
88) Perylene-d12	24.453	264	939604	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	11137	3.819	ng/uL	0.00
4) Pyridine-d5	3.666	84	171356	18.628	ng/u1	0.00
7) Phenol-d5	6.985	99	203085	19.297	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.126	67	150165	20.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.338	132	136669	20.059	ng/u1	0.00
15) 4-Methylphenol-d8	8.519	113	108926	13.331	ng/u1	0.00
21) Nitrobenzene-d5	8.954	128	75625	21.069	ng/u1	0.00
24) 2-Nitrophenol-d4	9.676	143	88462	21.986	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.223	165	155635	19.979	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	166321	16.815	ng/u1	0.00
46) Dimethylphthalate-d6	13.842	166	573117	21.446	ng/u1	0.00
49) Acenaphthylene-d8	14.130	160	623859	20.479	ng/u1	0.00
54) 4-Nitrophenol-d4	14.676	143	57293m	15.132	ng/u1	0.00
60) Fluorene-d10	15.434	176	458256	19.395	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	44961	9.566	ng/u1	0.00
73) Anthracene-d10	17.291	188	750144	19.274	ng/u1	0.00
81) Pyrene-d10	19.588	212	760535	16.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.242	264	487152	11.040	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.015	94	26608	2.372	ng/u1	94
47) Dimethylphthalate	13.889	163	62277	2.325	ng/u1#	98
72) Phenanthrene	17.232	178	73619	1.688	ng/u1	99
80) Fluoranthene	19.253	202	99101	1.899	ng/u1#	95
82) Pyrene	19.618	202	97735	1.761	ng/u1#	96
85) Benzo(a)anthracene	21.421	228	69432	1.256	ng/u1	91
87) Chrysene	21.486	228	72352	1.373	ng/u1	96
90) Benzo(b)fluoranthene	23.501	252	104624	1.959	ng/u1	98
93) Benzo(a)pyrene	24.306	252	65191	1.301	ng/u1#	91
96) Benzo(g,h,i)perylene	28.901	276	59710m	1.229	ng/u1	

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

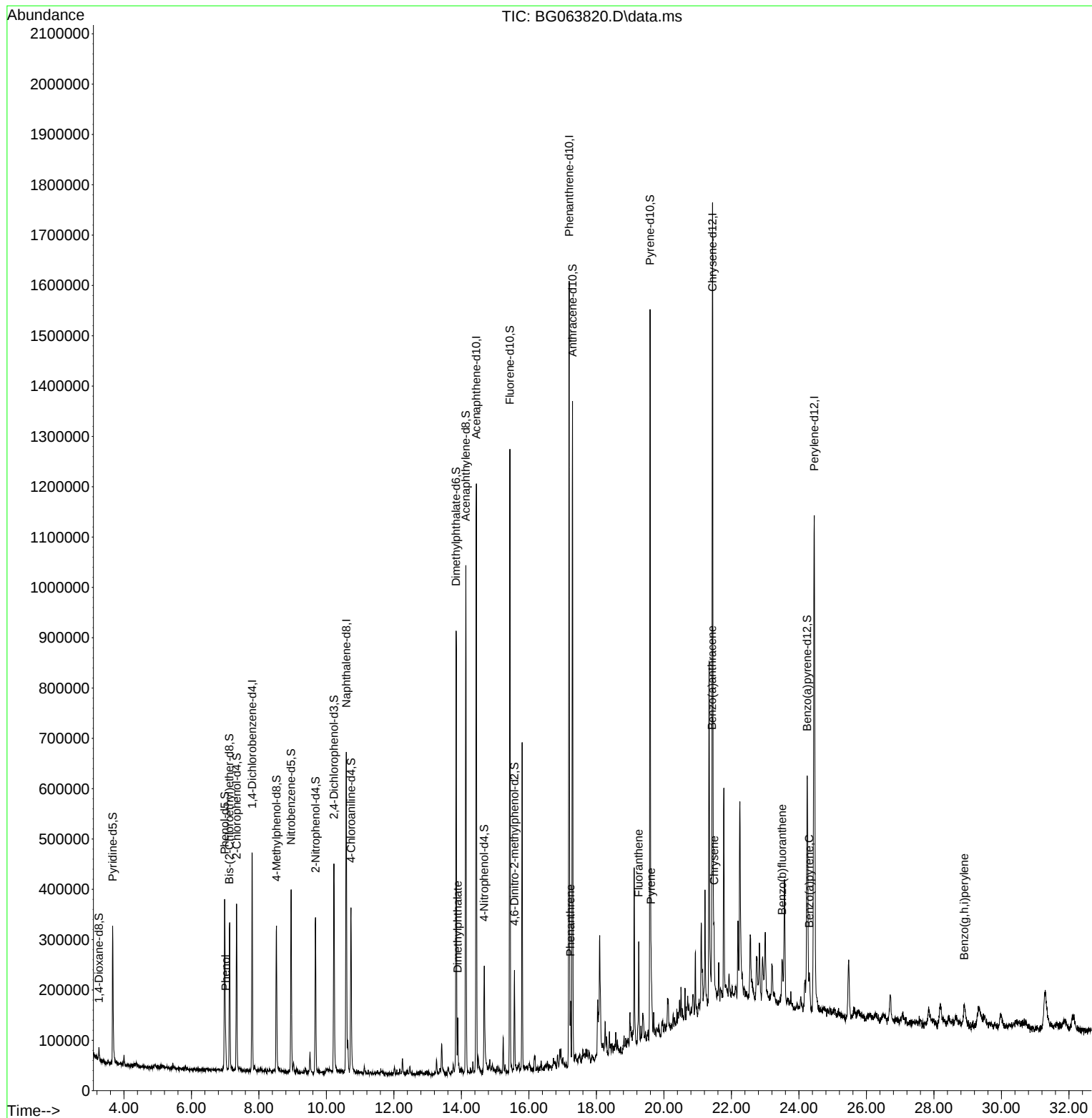
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063820.D
Acq On : 24 Dec 2024 15:28
Operator : RC/JU
Sample : P5333-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

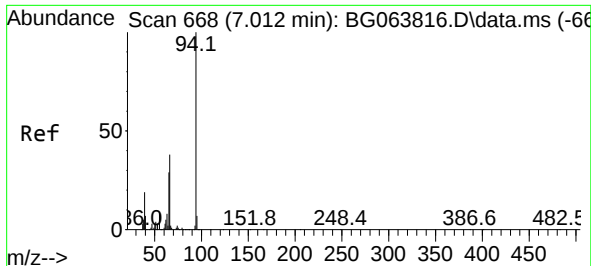
Instrument :
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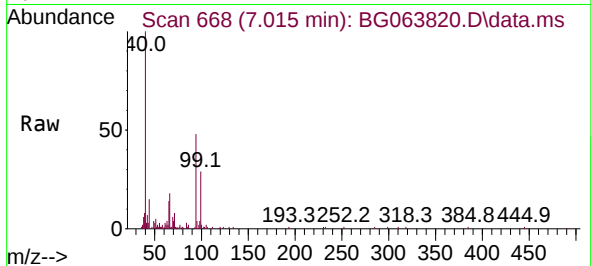
Quant Time: Dec 25 01:17:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.372 ng/ul
RT: 7.015 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG063820.D
Acq: 24 Dec 2024 15:28

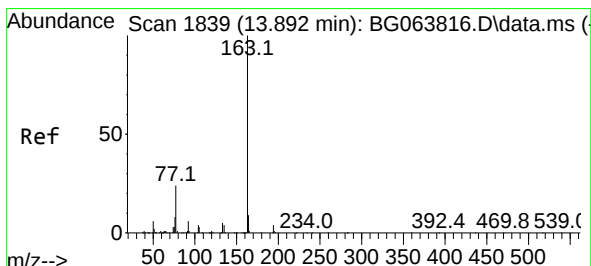
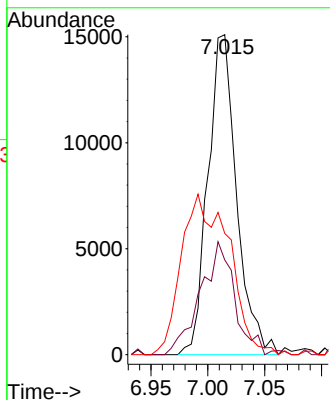
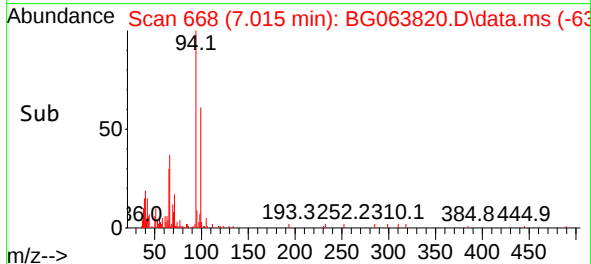
Instrument :
BNA_G
ClientSampleId :
E2915



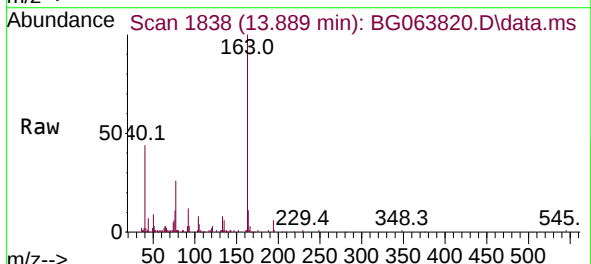
Tgt Ion: 94 Resp: 26608
Ion Ratio Lower Upper
94 100
65 29.6 25.6 38.4
66 37.9 34.2 51.2

Manual Integrations
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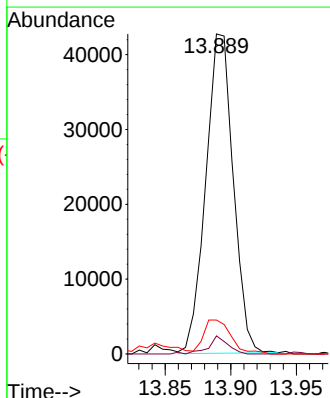
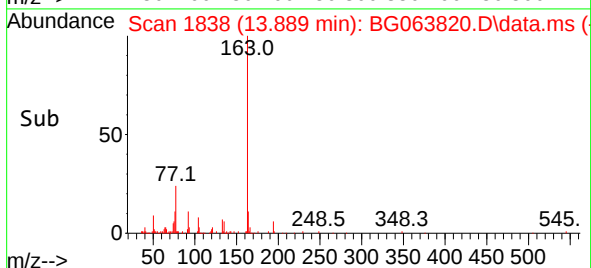
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

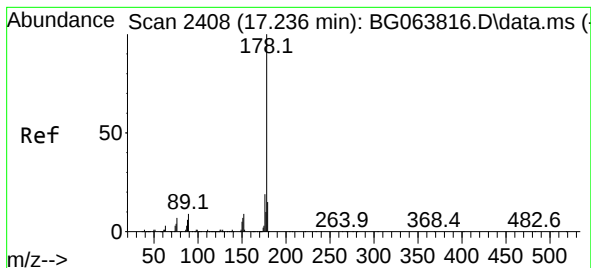


#47
Dimethylphthalate
Concen: 2.325 ng/ul
RT: 13.889 min Scan# 1838
Delta R.T. -0.003 min
Lab File: BG063820.D
Acq: 24 Dec 2024 15:28



Tgt Ion:163 Resp: 62277
Ion Ratio Lower Upper
163 100
194 5.6 3.0 4.4#
164 10.6 8.8 13.2





#72

Phenanthrene

Concen: 1.688 ng/ul

RT: 17.232 min Scan# 2408

Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Instrument :

BNA_G

ClientSampleId :

E2915

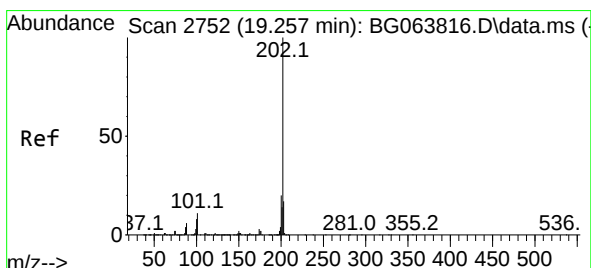
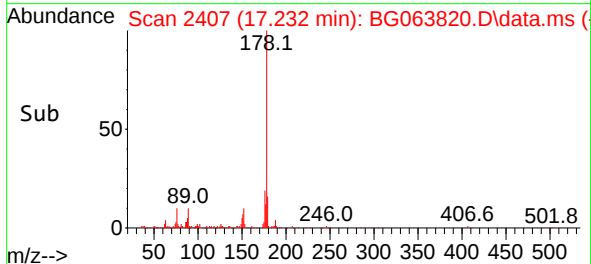
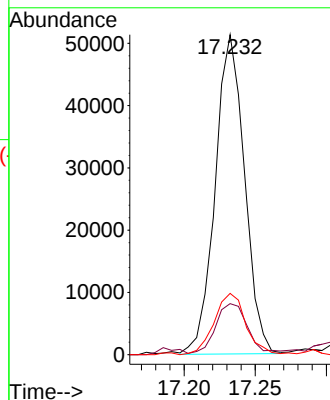
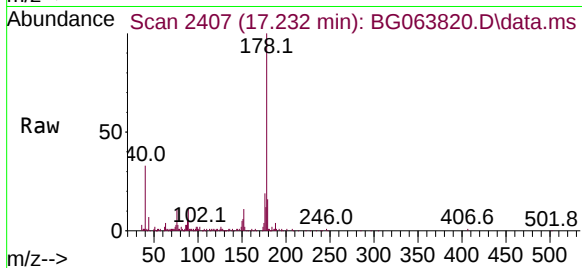
Tgt Ion:178	Resp:	73619
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.2 18.2
176	19.2	15.8 23.6

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#80

Fluoranthene

Concen: 1.899 ng/ul

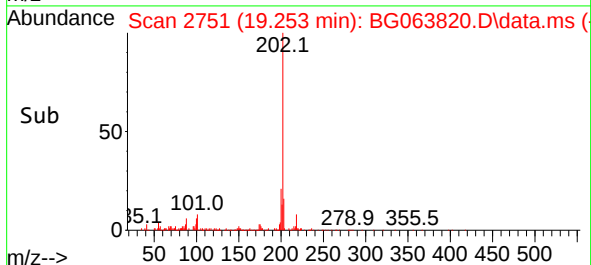
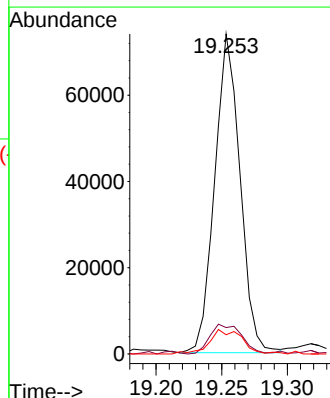
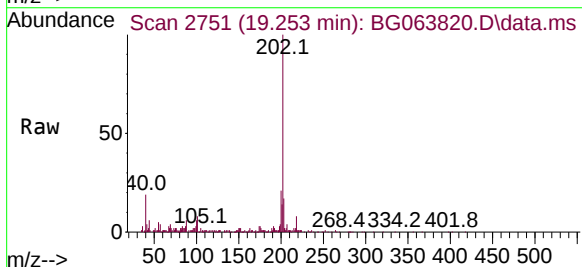
RT: 19.253 min Scan# 2751

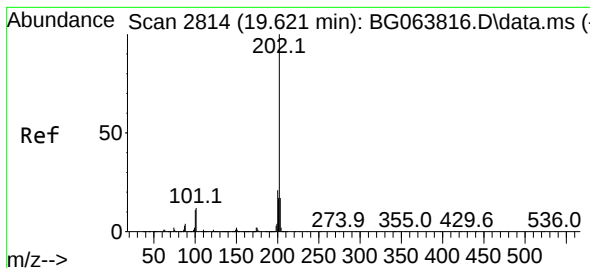
Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Tgt Ion:202	Resp:	99101
Ion Ratio	Lower	Upper
202	100	
101	8.3	8.1 12.1
100	6.0	6.5 9.7





#82

Pyrene

Concen: 1.761 ng/ul

RT: 19.618 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Instrument :

BNA_G

ClientSampleId :

E2915

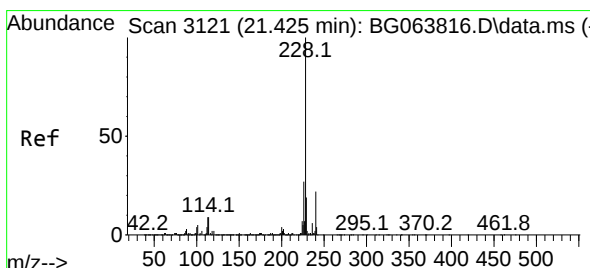
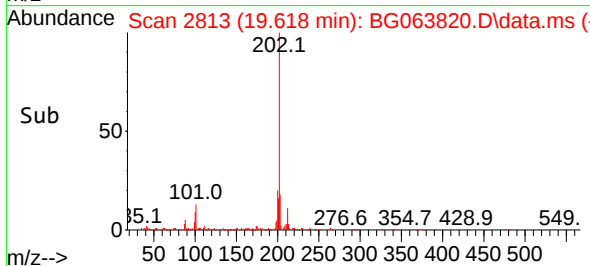
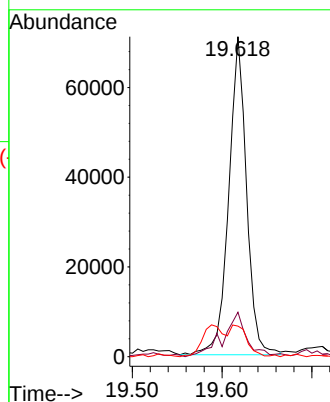
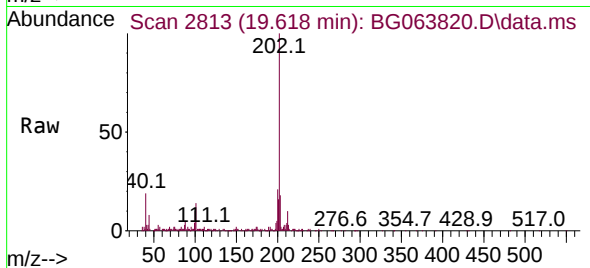
Tgt Ion:	202	Resp:	9773
Ion Ratio	Lower	Upper	
202	100		
101	13.9	8.7	13.1
100	9.5	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.256 ng/ul

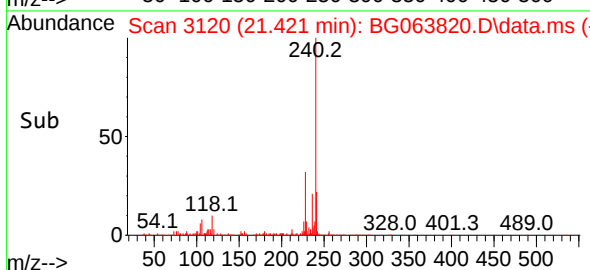
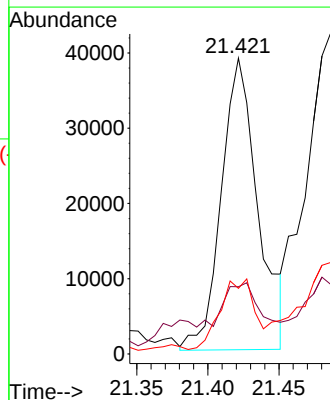
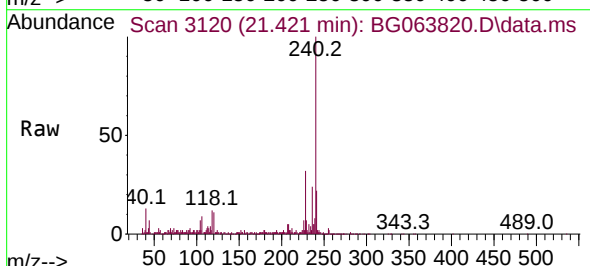
RT: 21.421 min Scan# 3120

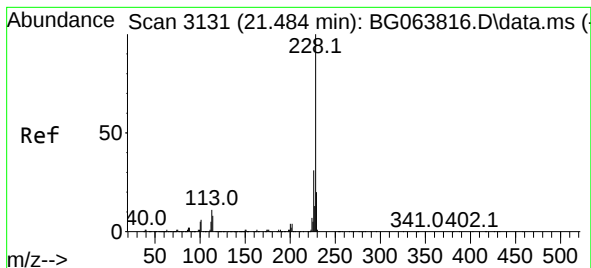
Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Tgt Ion:	228	Resp:	69432
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.7	23.5
226	22.2	22.0	33.0





#87

Chrysene

Concen: 1.373 ng/ul

RT: 21.486 min Scan# 3131

Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Instrument :

BNA_G

ClientSampleId :

E2915

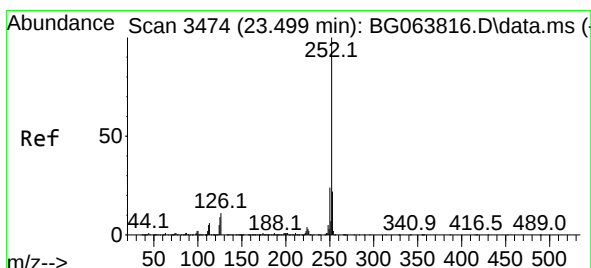
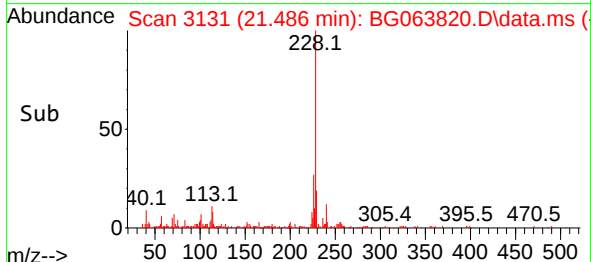
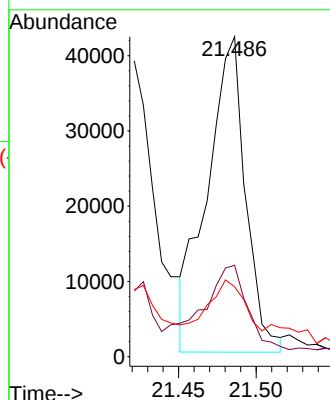
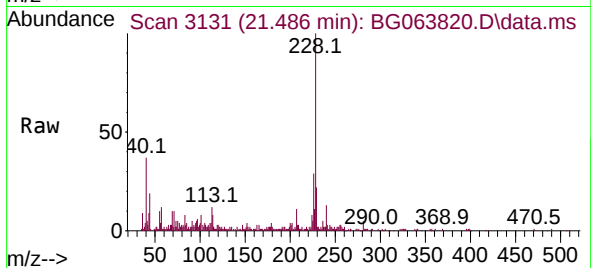
Tgt Ion:	228	Resp:	7235
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.0
229	21.8	14.8	22.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.959 ng/ul

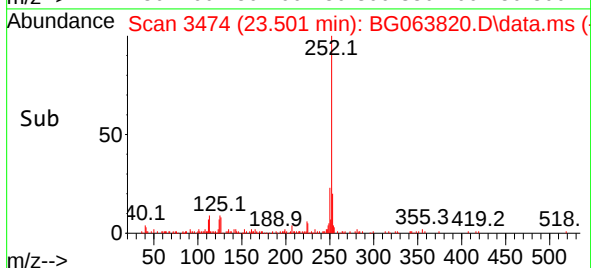
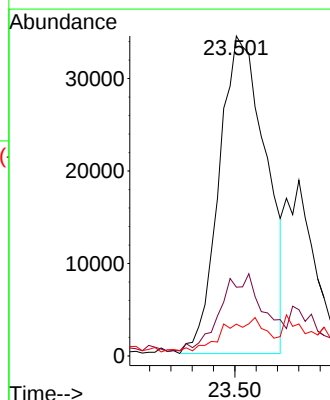
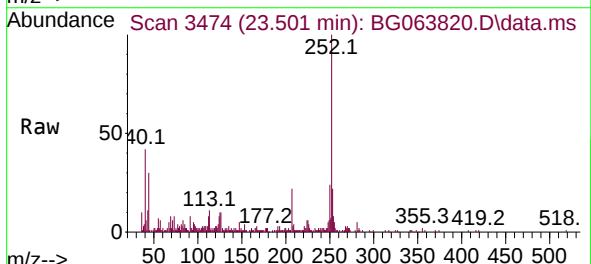
RT: 23.501 min Scan# 3474

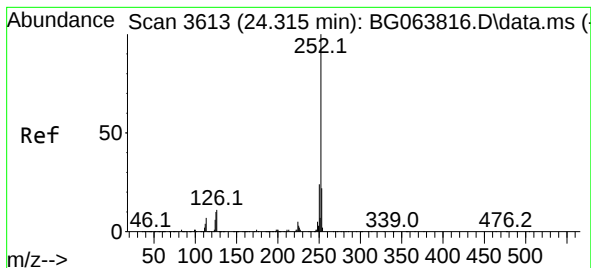
Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Tgt Ion:	252	Resp:	104624
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	10.0	7.0	10.4





#93

Benzo(a)pyrene

Concen: 1.301 ng/ul

RT: 24.306 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG063820.D

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ClientSampleId :

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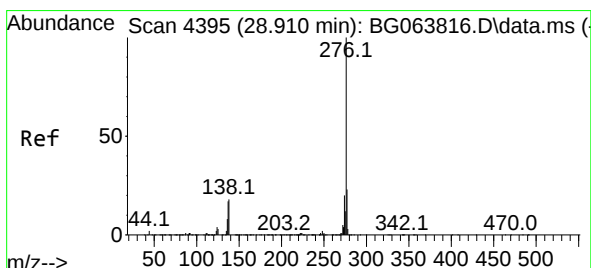
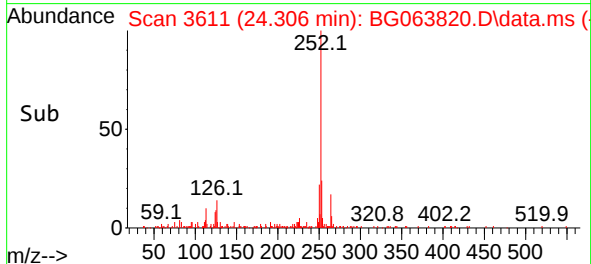
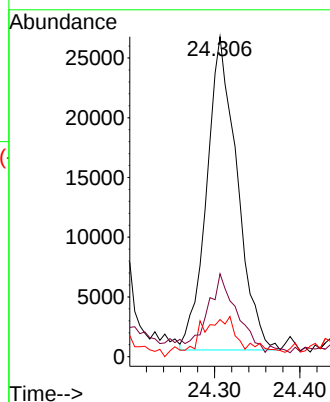
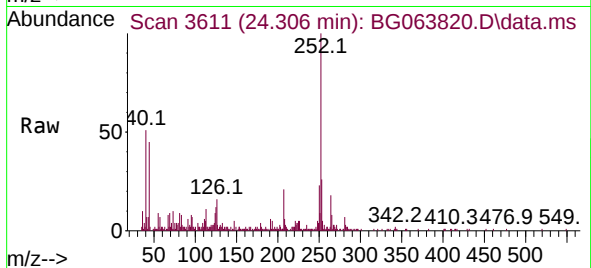
Tgt Ion:	252	Resp:	6519
Ion Ratio	Lower	Upper	
252	100		
253	25.9	16.6	24.8
125	11.6	8.0	12.0

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.229 ng/ul m

RT: 28.901 min Scan# 4393

Delta R.T. 0.002 min

Lab File: BG063820.D

Acq: 24 Dec 2024 15:28

Tgt Ion:	276	Resp:	59710
Ion Ratio	Lower	Upper	
276	100		
138	25.4	13.8	20.8
277	22.1	17.8	26.8

