

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063814.D
 Acq On : 24 Dec 2024 11:06
 Operator : RC/JU
 Sample : P5333-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2914

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 00:47:50 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	7.799	152	105628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.584	136	446012	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.438	164	354285	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.188	188	828229	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.436	240	832117	20.000	ng/u1	# 0.00
88) Perylene-d12	24.456	264	867925	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	7141	2.649	ng/uL	0.00
4) Pyridine-d5	3.668	84	45632	5.367	ng/u1	0.00
7) Phenol-d5	6.982	99	152505	15.677	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.129	67	104001	15.479	ng/u1	0.00
11) 2-Chlorophenol-d4	7.335	132	98401	15.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	78438	10.385	ng/u1	0.00
21) Nitrobenzene-d5	8.950	128	50527	15.866	ng/u1	0.00
24) 2-Nitrophenol-d4	9.673	143	65110	18.240	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.225	165	115921	16.773	ng/u1	0.00
31) 4-Chloroaniline-d4	10.731	131	81221	9.255	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	431955	17.918	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	452092	16.451	ng/u1	0.00
54) 4-Nitrophenol-d4	14.679	143	51010m	14.934	ng/u1	0.01
60) Fluorene-d10	15.431	176	335072	15.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.572	200	40461m	9.409	ng/u1	0.00
73) Anthracene-d10	17.288	188	553865	15.554	ng/u1	0.00
81) Pyrene-d10	19.585	212	490956	11.338	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.244	264	232915	5.715	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.017	94	20555	1.983	ng/u1	94
16) Acetophenone	8.616	105	83293	6.502	ng/u1	93
72) Phenanthrene	17.229	178	65996	1.654	ng/u1	99
80) Fluoranthene	19.250	202	104092	2.115	ng/u1	98
82) Pyrene	19.614	202	92539	1.767	ng/u1#	92
85) Benzo(a)anthracene	21.418	228	85478	1.639	ng/u1	98
87) Chrysene	21.477	228	100527m	2.023	ng/u1	
90) Benzo(b)fluoranthene	23.504	252	162615	3.297	ng/u1	99
91) Benzo(k)fluoranthene	23.557	252	62100m	1.262	ng/u1	
93) Benzo(a)pyrene	24.309	252	70894	1.531	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.840	276	70602m	1.249	ng/u1	

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

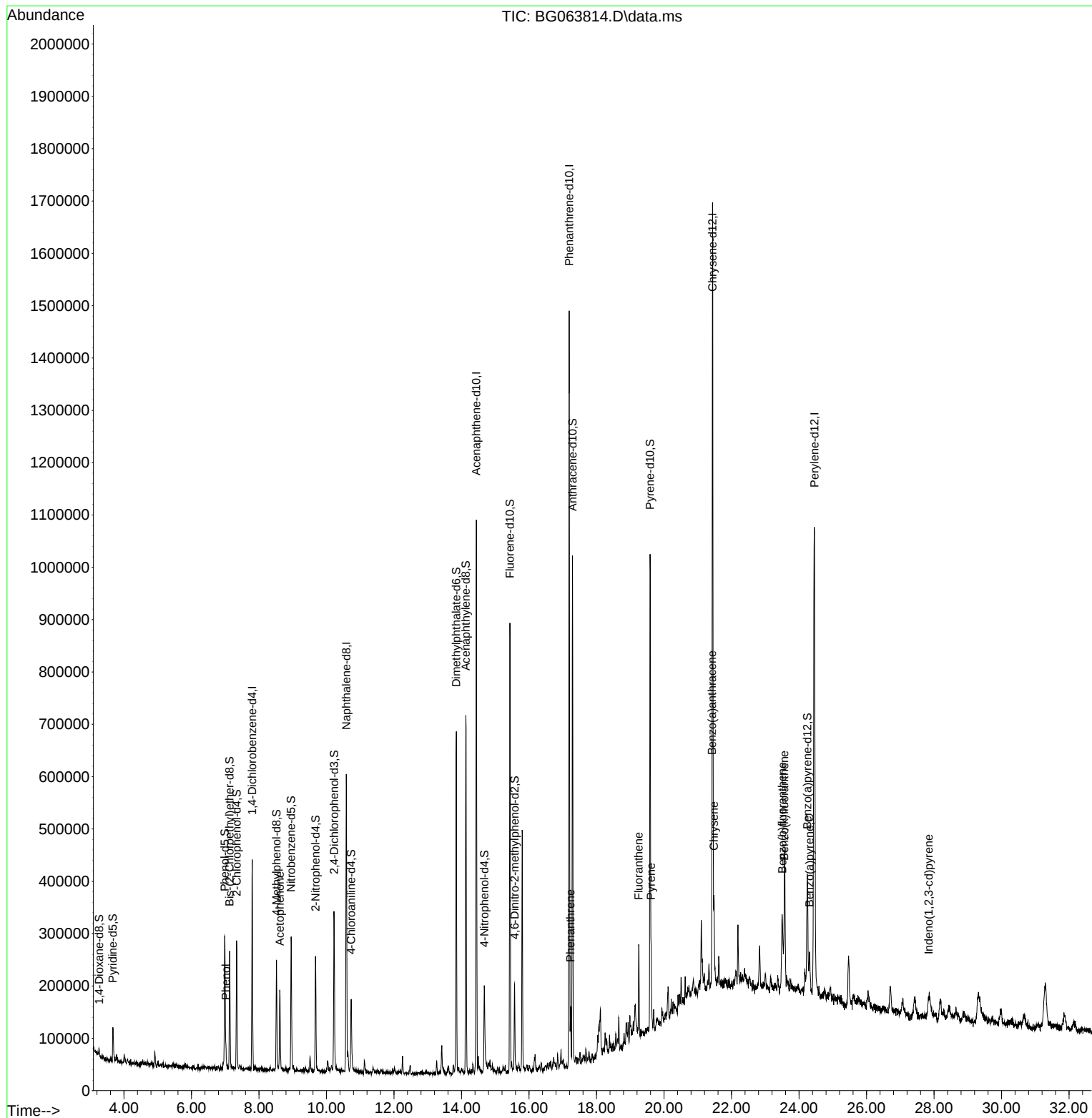
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063814.D
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Sample : P5333-12
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ALS Vial : 39 Sample Multiplier: 1

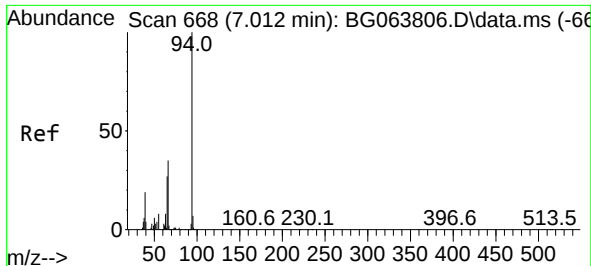
Instrument :
BNA_G
ClientSampleId :
E2914

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Quant Title : SVOA CALIBRATION
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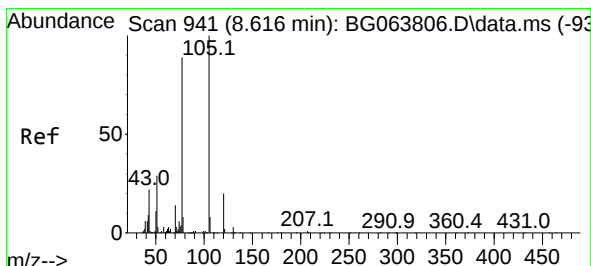
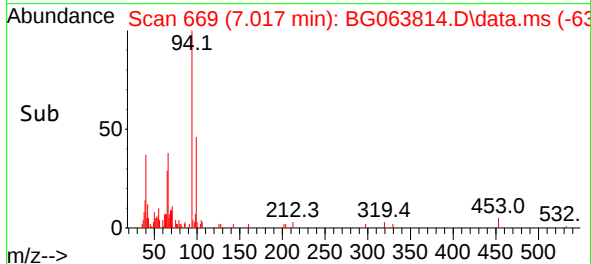
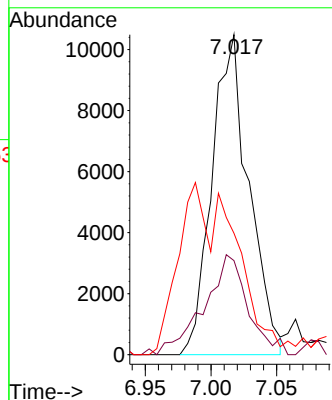
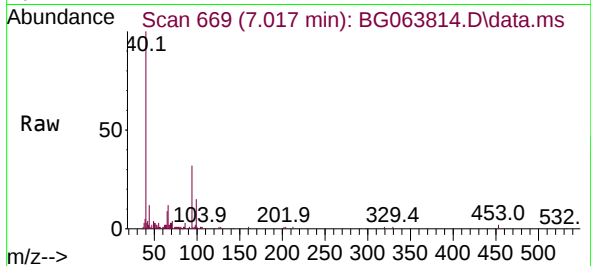
#8
Phenol
Concen: 1.983 ng/ul
RT: 7.017 min Scan# 668
Delta R.T. 0.005 min
Lab File: BG063814.D
Acq: 24 Dec 2024 11:06

Instrument :
BNA_G
ClientSampleId :
E2914

Tgt Ion: 94 Resp: 2055
Ion Ratio Lower Upper
94 100
65 29.4 25.6 38.4
66 37.9 34.2 51.2

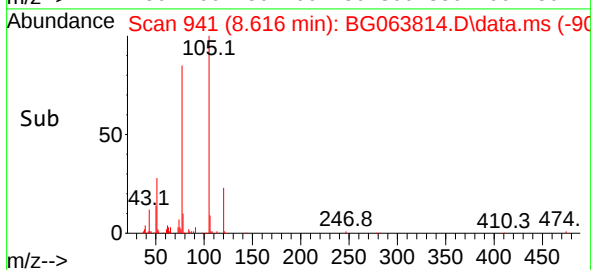
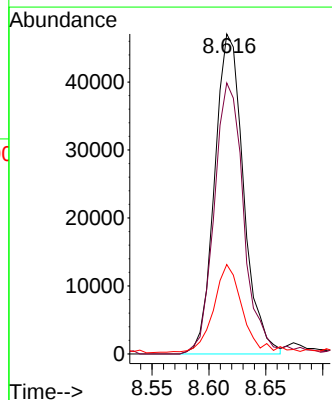
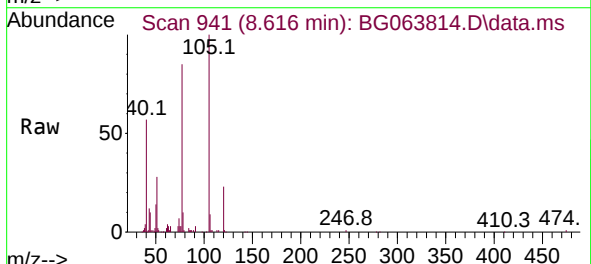
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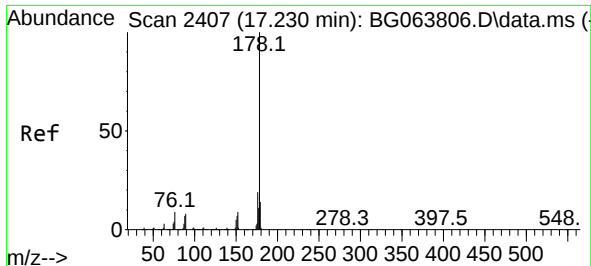
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Acetophenone
Concen: 6.502 ng/ul
RT: 8.616 min Scan# 941
Delta R.T. -0.001 min
Lab File: BG063814.D
Acq: 24 Dec 2024 11:06

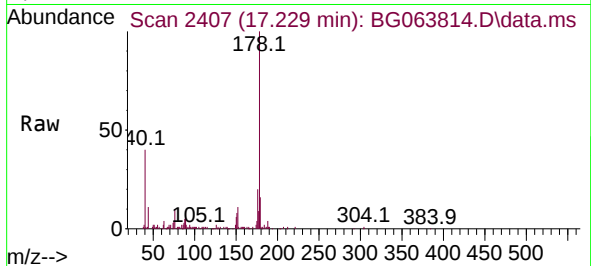
Tgt Ion:105 Resp: 83293
Ion Ratio Lower Upper
105 100
77 84.7 73.6 110.4
51 27.9 25.4 38.2





#72
Phenanthrene
Concen: 1.654 ng/ul
RT: 17.229 min Scan# 2407
Delta R.T. -0.001 min
Lab File: BG063814.D
Acq: 24 Dec 2024 11:06

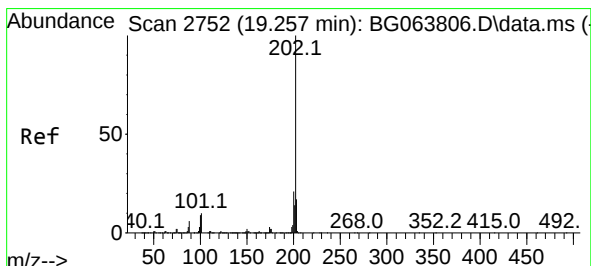
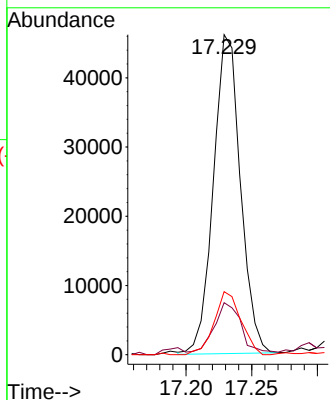
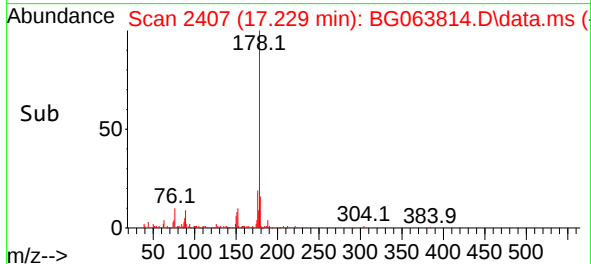
Instrument :
BNA_G
ClientSampleId :
E2914



Tgt Ion:178 Resp: 65990
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.2
176 19.7 15.8 23.6

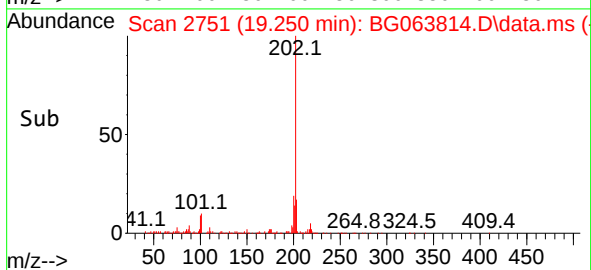
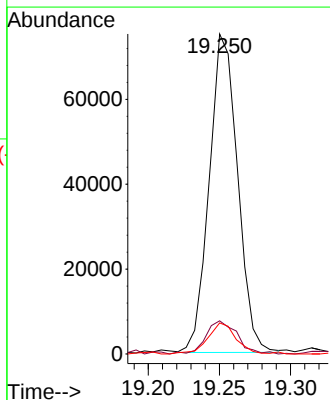
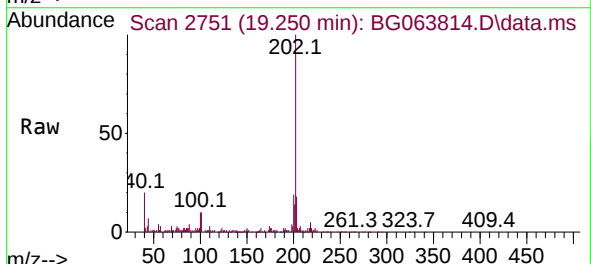
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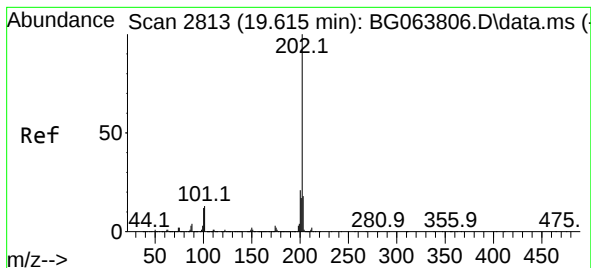
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#80
Fluoranthene
Concen: 2.115 ng/ul
RT: 19.250 min Scan# 2751
Delta R.T. -0.001 min
Lab File: BG063814.D
Acq: 24 Dec 2024 11:06

Tgt Ion:202 Resp: 104092
Ion Ratio Lower Upper
202 100
101 10.3 8.1 12.1
100 9.7 6.5 9.7





#82

Pyrene

Concen: 1.767 ng/ul

RT: 19.614 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG063814.D

Acq: 24 Dec 2024 11:06

Instrument :

BNA_G

ClientSampleId :

E2914

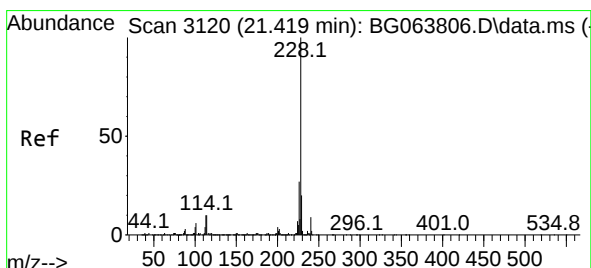
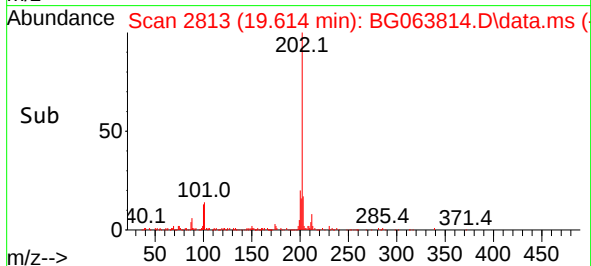
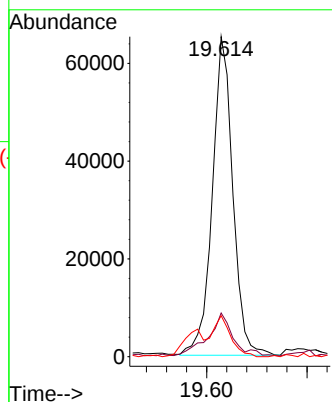
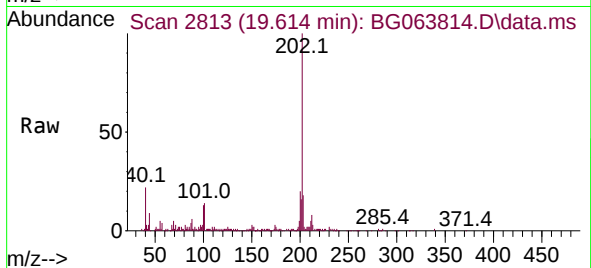
Tgt Ion:	202	Resp:	92539
Ion Ratio	Lower	Upper	
202	100		
101	13.7	8.7	13.1
100	12.8	7.8	11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.639 ng/ul

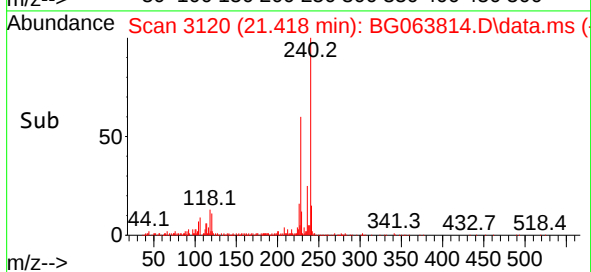
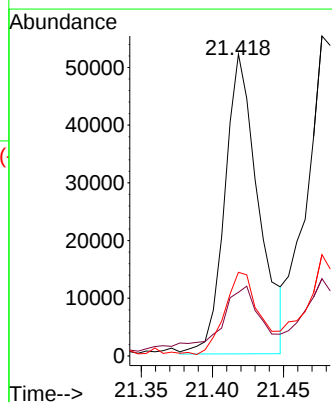
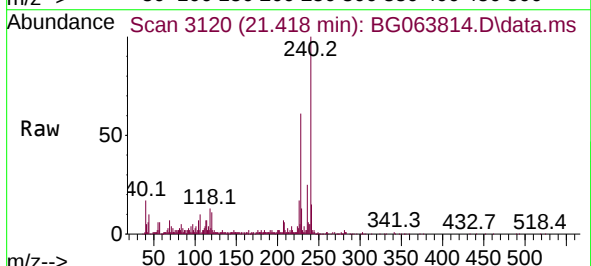
RT: 21.418 min Scan# 3120

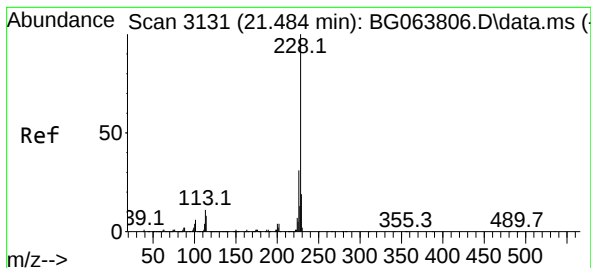
Delta R.T. -0.001 min

Lab File: BG063814.D

Acq: 24 Dec 2024 11:06

Tgt Ion:	228	Resp:	85478
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.7	23.5
226	27.7	22.0	33.0





#87

Chrysene

Concen: 2.023 ng/ul m

RT: 21.477 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG063814.D

Acq: 24 Dec 2024 11:06

Instrument :

BNA_G

ClientSampleId :

E2914

Tgt Ion:228 Resp: 10052

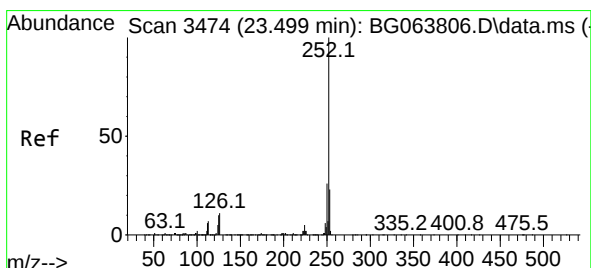
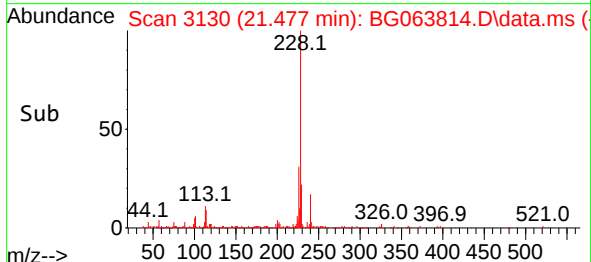
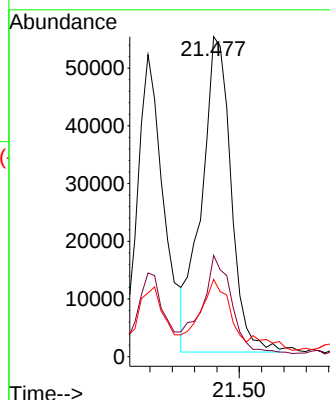
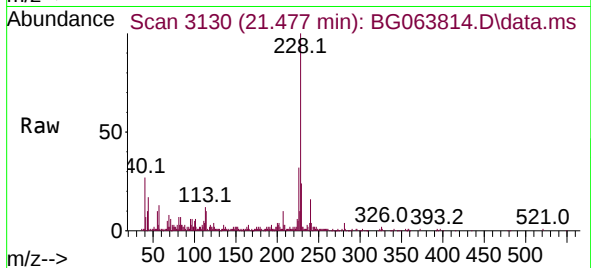
Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	24.1	14.8	22.2

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#90

Benzo(b)fluoranthene

Concen: 3.297 ng/ul

RT: 23.504 min Scan# 3475

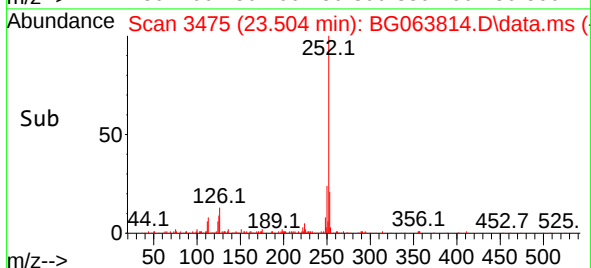
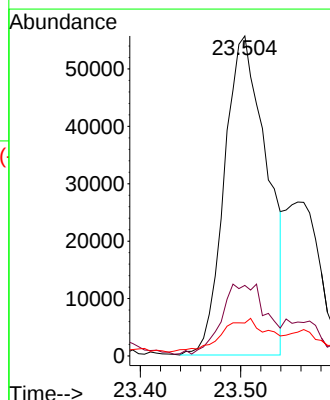
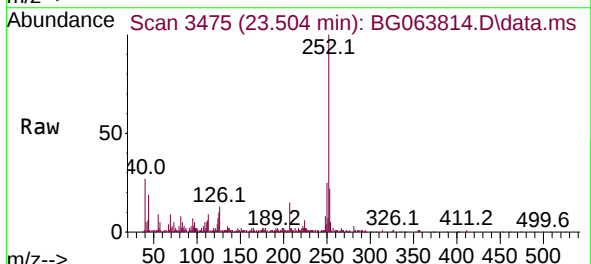
Delta R.T. 0.005 min

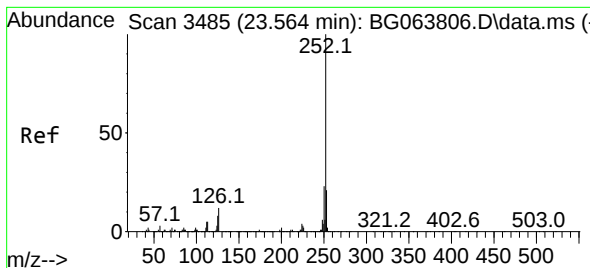
Lab File: BG063814.D

Acq: 24 Dec 2024 11:06

Tgt Ion:252 Resp: 162615

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.3	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 1.262 ng/ul m

RT: 23.557 min Scan# 3485

Delta R.T. -0.001 min

Lab File: BG063814.D

Acq: 24 Dec 2024 11:06

Instrument :

BNA_G

ClientSampleId :

E2914

Tgt Ion:252 Resp: 62100

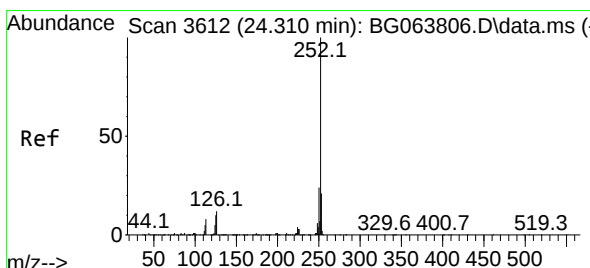
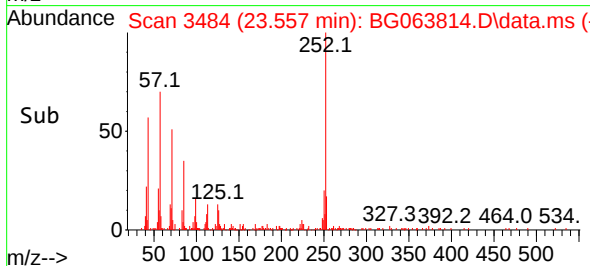
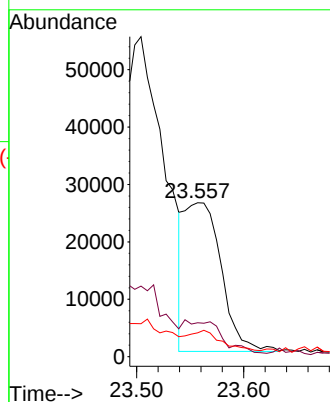
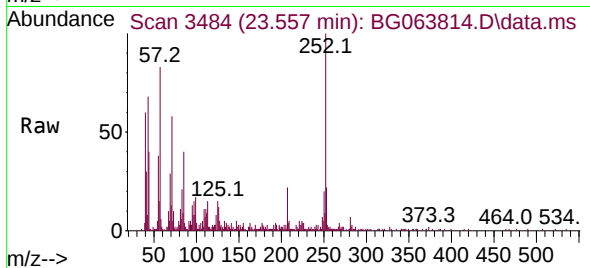
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	15.5	6.5	9.7

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.531 ng/ul

RT: 24.309 min Scan# 3612

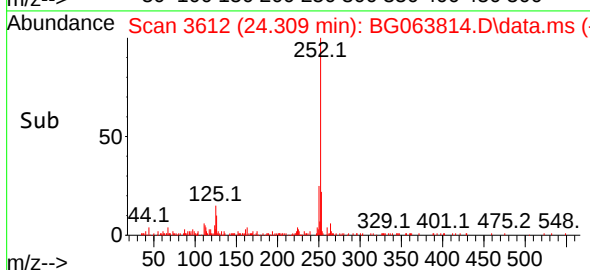
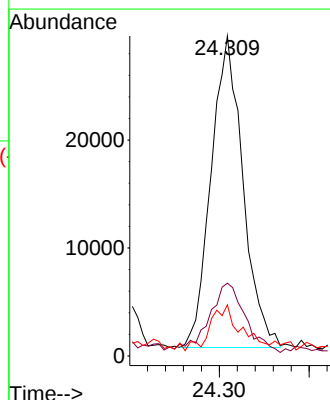
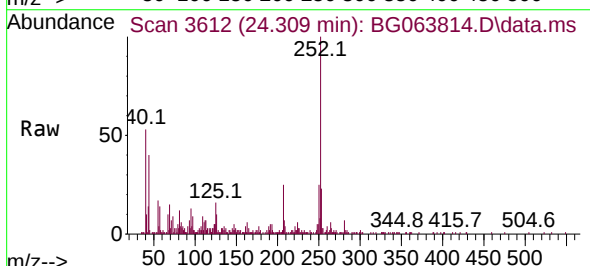
Delta R.T. 0.005 min

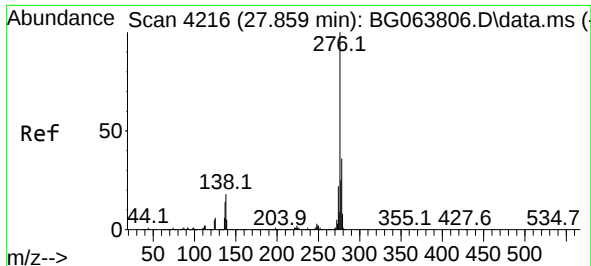
Lab File: BG063814.D

Acq: 24 Dec 2024 11:06

Tgt Ion:252 Resp: 70894

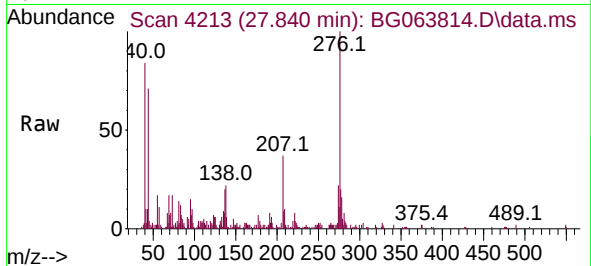
Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.6	24.8
125	16.0	8.0	12.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.249 ng/ul m
RT: 27.840 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG063814.D
Acq: 24 Dec 2024 11:06

Instrument :
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Tgt Ion:276 Resp: 70602
Ion Ratio Lower Upper
276 100
138 22.0 13.7 20.5
277 20.2 18.4 27.6

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