

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063548.D
 Acq On : 25 Nov 2024 13:46
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2A12

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:17:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	94743	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	391681	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.470	164	308440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.220	188	746404	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	808682	20.000	ng/u1	0.00
88) Perylene-d12	24.517	264	896336	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	6155	2.564	ng/uL	0.00
4) Pyridine-d5	3.701	84	78028	10.370	ng/u1	0.00
7) Phenol-d5	7.009	99	135710	17.416	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.155	67	86970	17.402	ng/u1	0.00
11) 2-Chlorophenol-d4	7.361	132	97431	17.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.536	113	126814	19.476	ng/u1	0.00
21) Nitrobenzene-d5	8.983	128	50900	18.096	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	60341	17.366	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	119162	17.967	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	157855	18.817	ng/u1	0.00
46) Dimethylphthalate-d6	13.871	166	508793	24.299	ng/u1	0.00
49) Acenaphthylene-d8	14.159	160	538822	22.566	ng/u1	0.00
54) 4-Nitrophenol-d4	14.694	143	48643m	15.635	ng/u1	0.00
60) Fluorene-d10	15.463	176	473683	24.897	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	58125	13.851	ng/u1	0.00
73) Anthracene-d10	17.320	188	863612	26.632	ng/u1	0.00
81) Pyrene-d10	19.617	212	1131370	27.910	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.306	264	1189395	27.358	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.261	178	138789	3.901	ng/u1#	96
80) Fluoranthene	19.288	202	298378	6.657	ng/u1	99
82) Pyrene	19.647	202	238817	4.972	ng/u1#	95
85) Benzo(a)anthracene	21.456	228	133982	2.562	ng/u1	95
87) Chrysene	21.521	228	123534	2.527	ng/u1	93
90) Benzo(b)fluoranthene	23.554	252	161285	2.997	ng/u1#	92
91) Benzo(k)fluoranthene	23.613	252	67524m	1.250	ng/u1	
93) Benzo(a)pyrene	24.371	252	116128	2.306	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.931	276	78071m	1.250	ng/u1	
96) Benzo(g,h,i)perylene	28.989	276	71009m	1.499	ng/u1	

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

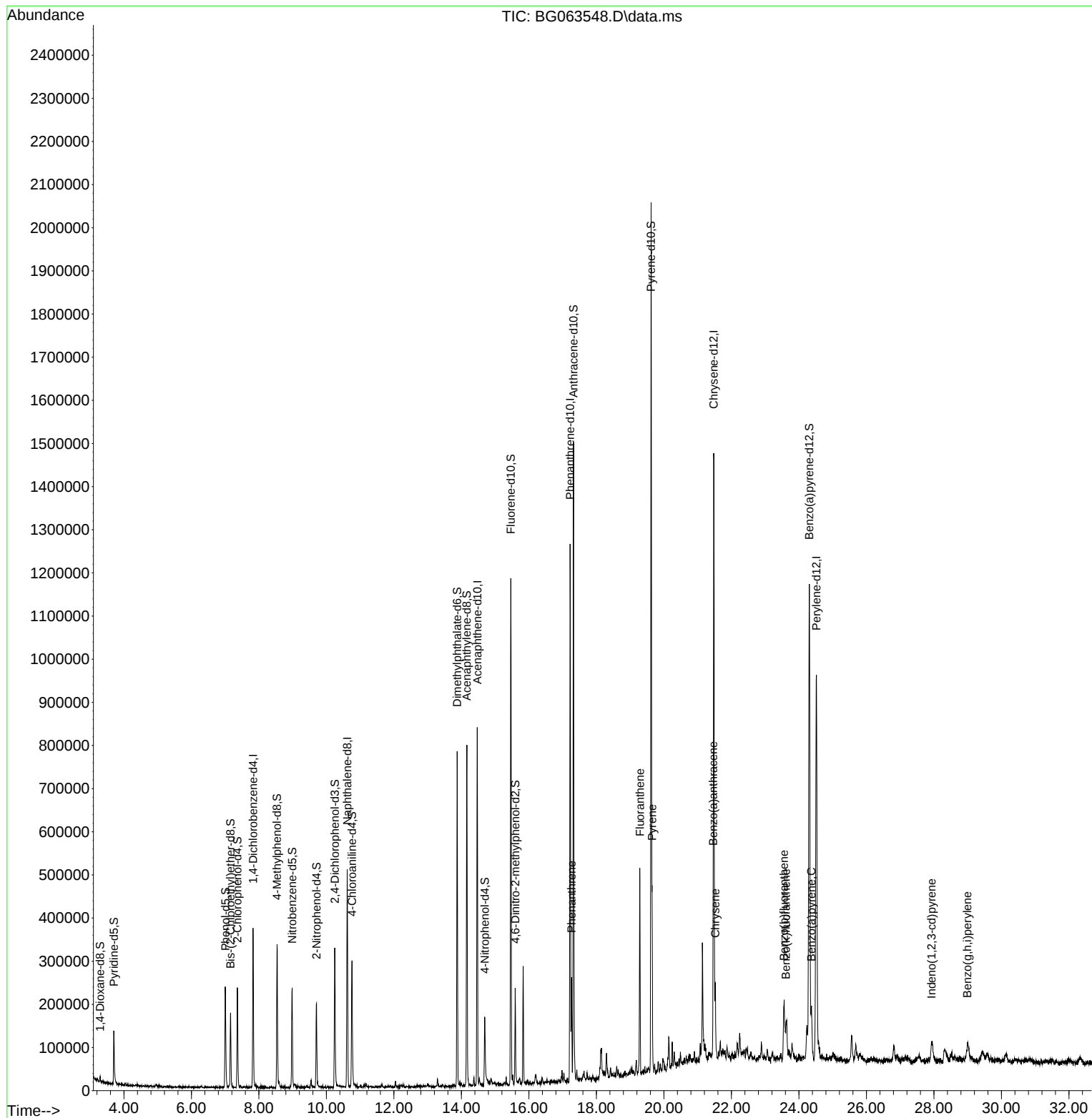
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
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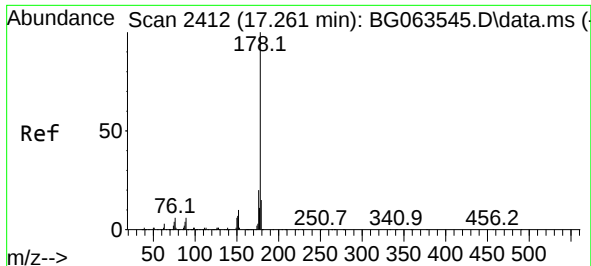
Instrument :
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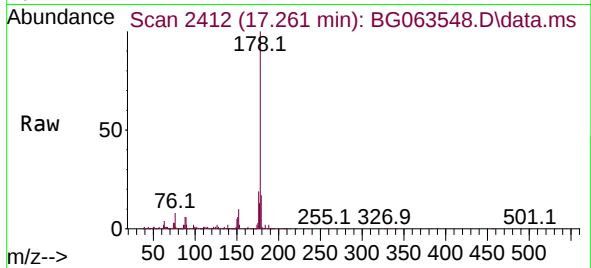
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 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 3.901 ng/ul
RT: 17.261 min Scan# 2412
Delta R.T. -0.008 min
Lab File: BG063548.D
Acq: 25 Nov 2024 13:46

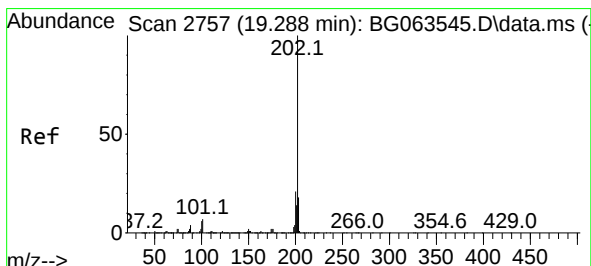
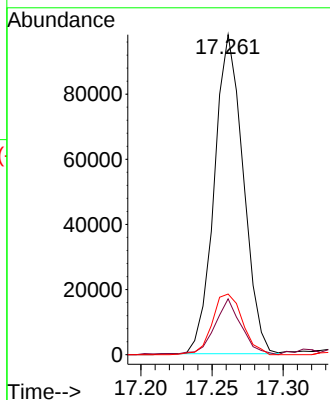
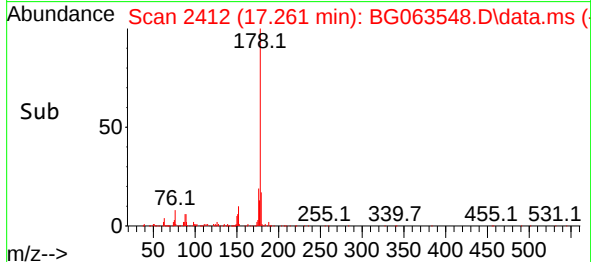
Instrument :
BNA_G
ClientSampleId :
E2A12



Tgt Ion:178 Resp: 138789
Ion Ratio Lower Upper
178 100
179 17.5 11.4 17.0
176 19.0 14.6 22.0

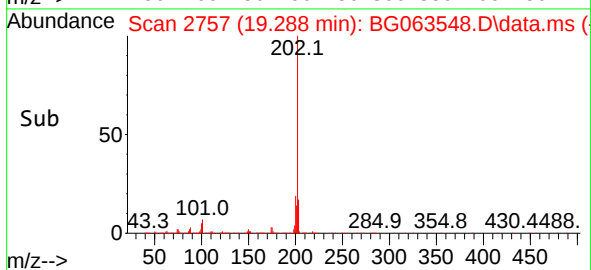
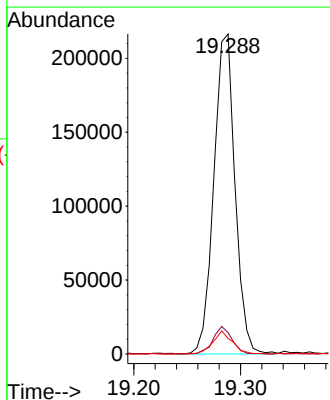
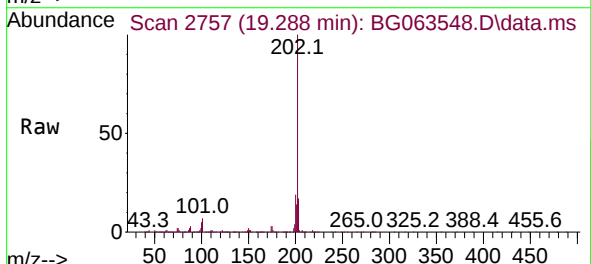
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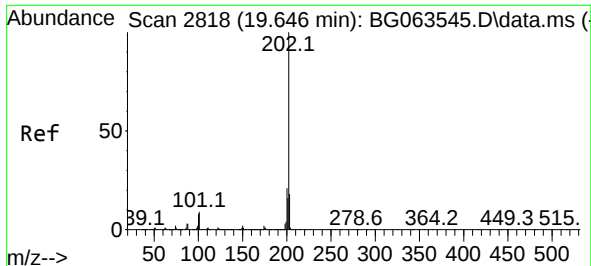
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#80
Fluoranthene
Concen: 6.657 ng/ul
RT: 19.288 min Scan# 2757
Delta R.T. -0.002 min
Lab File: BG063548.D
Acq: 25 Nov 2024 13:46

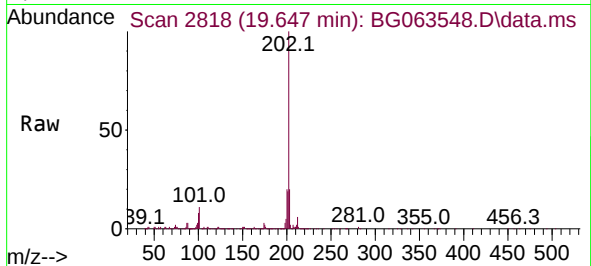
Tgt Ion:202 Resp: 298378
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 4.9 4.3 6.5





#82
Pyrene
Concen: 4.972 ng/ul
RT: 19.647 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG063548.D
Acq: 25 Nov 2024 13:46

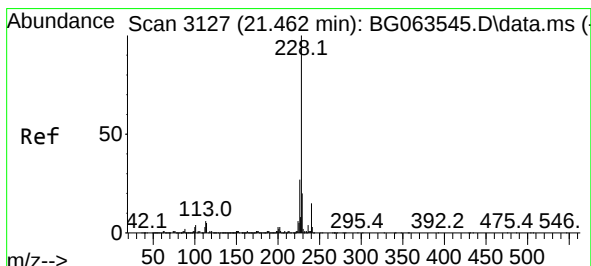
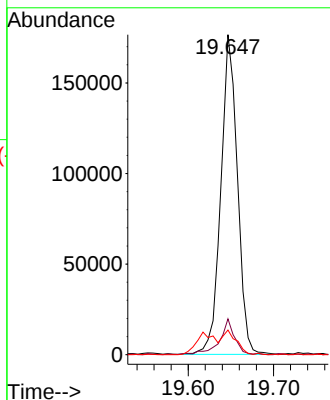
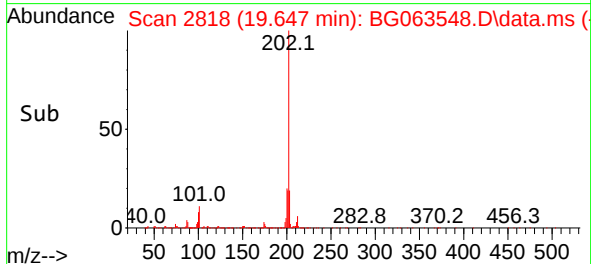
Instrument :
BNA_G
ClientSampleId :
E2A12



Tgt Ion:202 Resp: 23881
Ion Ratio Lower Upper
202 100
101 11.2 6.2 9.2
100 7.7 6.2 9.2

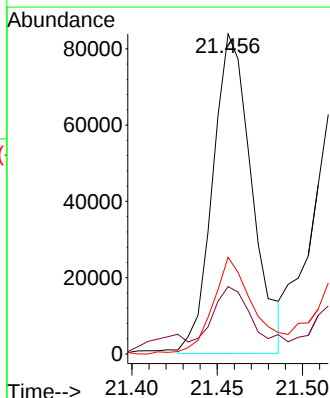
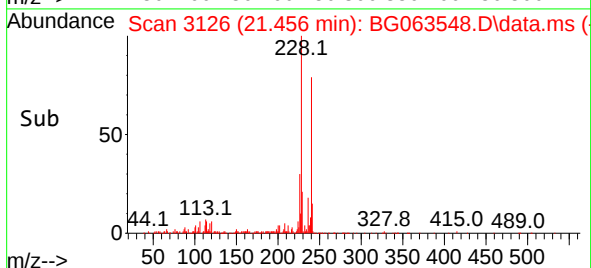
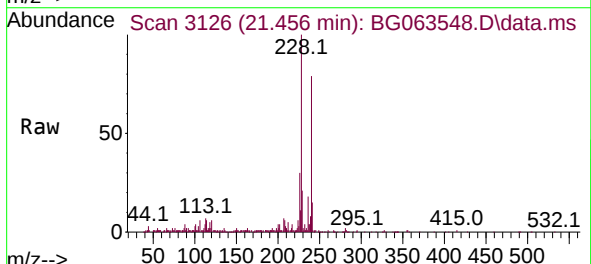
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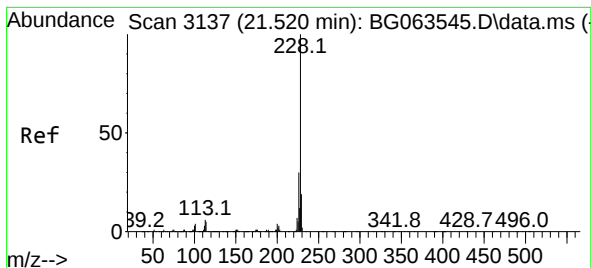
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#85
Benzo(a)anthracene
Concen: 2.562 ng/ul
RT: 21.456 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BG063548.D
Acq: 25 Nov 2024 13:46

Tgt Ion:228 Resp: 133982
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 30.2 21.8 32.6





#87

Chrysene

Concen: 2.527 ng/ul

RT: 21.521 min Scan# 3137

Delta R.T. -0.008 min

Lab File: BG063548.D

Acq: 25 Nov 2024 13:46

Instrument :

BNA_G

ClientSampleId :

E2A12

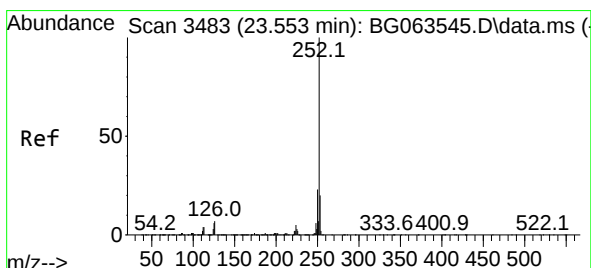
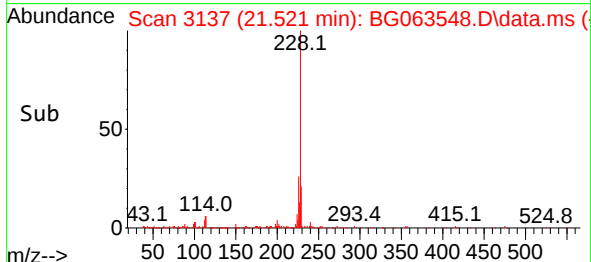
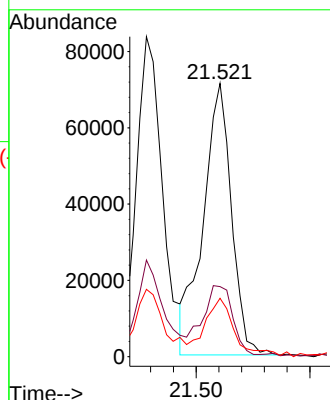
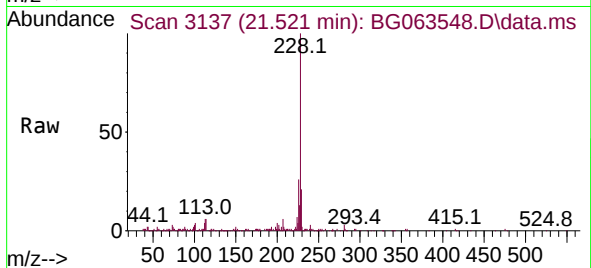
Tgt Ion:	228	Resp:	123534
Ion Ratio	Lower	Upper	
228	100		
226	25.6	23.4	35.2
229	21.4	14.8	22.2

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#90

Benzo(b)fluoranthene

Concen: 2.997 ng/ul

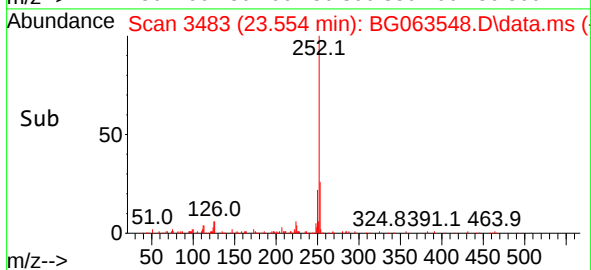
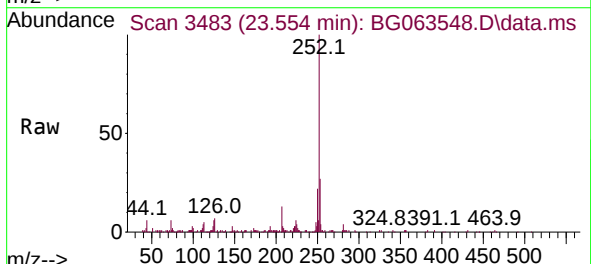
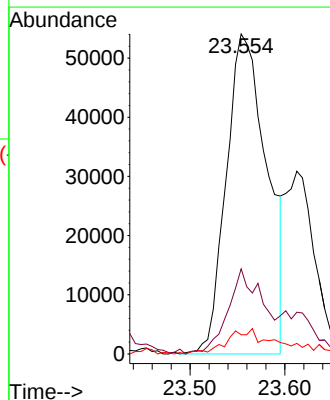
RT: 23.554 min Scan# 3483

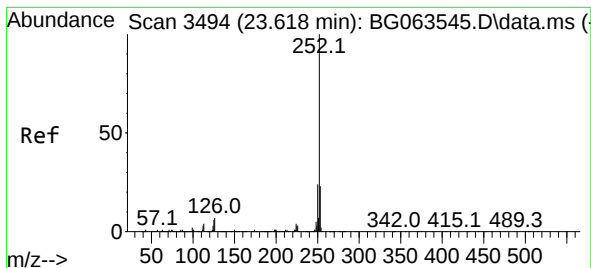
Delta R.T. -0.008 min

Lab File: BG063548.D

Acq: 25 Nov 2024 13:46

Tgt Ion:	252	Resp:	161285
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.8	26.6
125	6.0	3.8	5.6





#91

Benzo(k)fluoranthene

Concen: 1.250 ng/ul m

RT: 23.613 min Scan# 3494

Delta R.T. -0.014 min

Lab File: BG063548.D

Acq: 25 Nov 2024 13:46

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E2A12

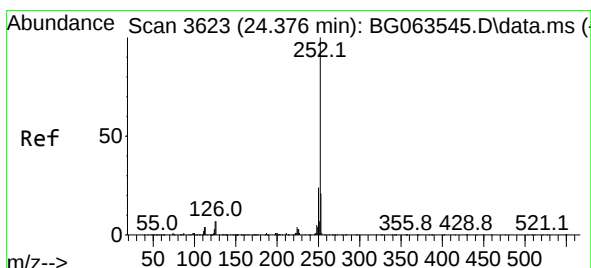
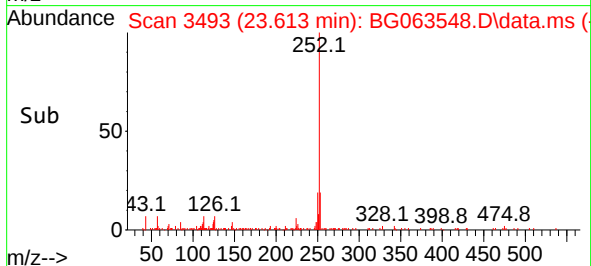
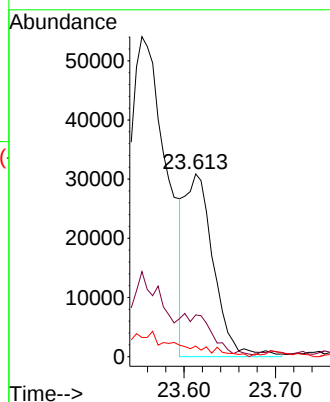
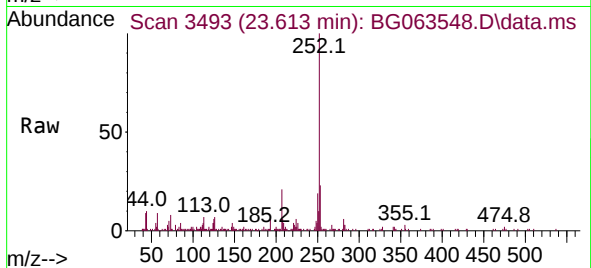
Tgt Ion:	252	Resp:	67524
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.6
125	5.8	4.3	6.5

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#93

Benzo(a)pyrene

Concen: 2.306 ng/ul

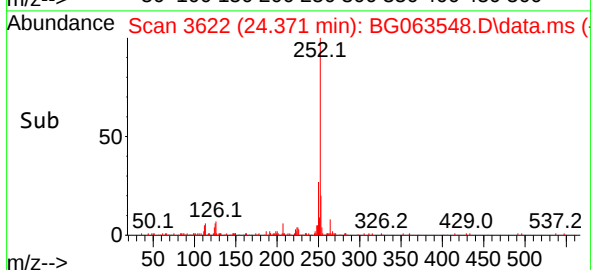
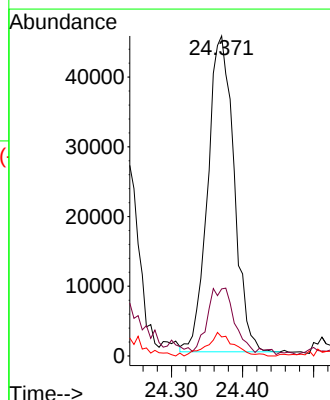
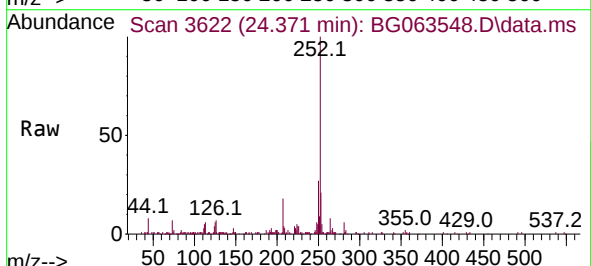
RT: 24.371 min Scan# 3622

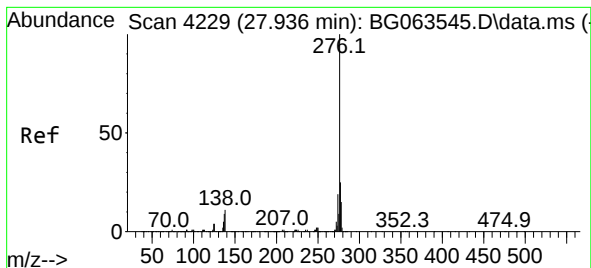
Delta R.T. -0.008 min

Lab File: BG063548.D

Acq: 25 Nov 2024 13:46

Tgt Ion:	252	Resp:	116128
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.2	25.8
125	6.0	4.2	6.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.250 ng/ul m

RT: 27.931 min Scan# 41

Delta R.T. -0.019 min

Lab File: BG063548.D

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BNA_G

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E2A12

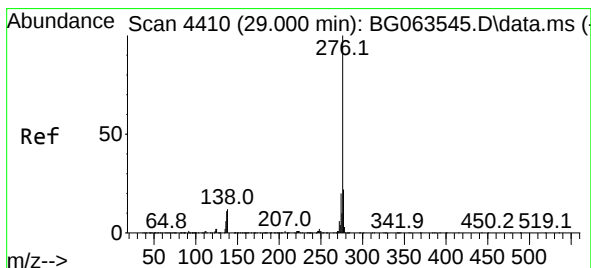
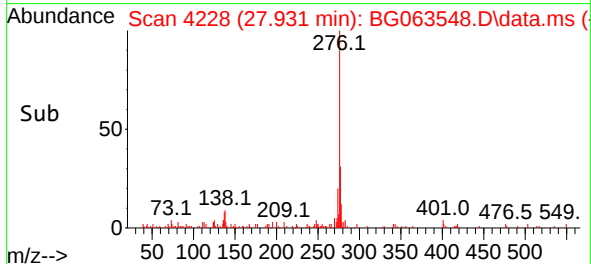
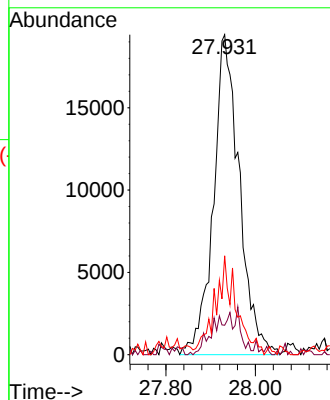
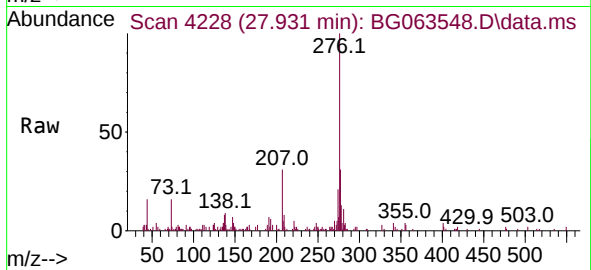
Tgt Ion:	276	Resp:	7807
Ion Ratio	Lower	Upper	
276	100		
138	9.2	9.4	14.2
277	30.9	19.4	29.0

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#96

Benzo(g,h,i)perylene

Concen: 1.499 ng/ul m

RT: 28.989 min Scan# 4408

Delta R.T. -0.025 min

Lab File: BG063548.D

Acq: 25 Nov 2024 13:46

Tgt Ion:	276	Resp:	71009
Ion Ratio	Lower	Upper	
276	100		
138	11.2	9.4	14.2
277	26.0	18.2	27.4

