

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063687.D
 Acq On : 16 Dec 2024 13:43
 Operator : RC/JU
 Sample : P5232-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28S4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 02:37:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	178124	20.000	ng/u1	0.00
20) Naphthalene-d8	10.602	136	744970	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.450	164	551396	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	1191116	20.000	ng/u1	0.00
79) Chrysene-d12	21.454	240	1126456	20.000	ng/u1	0.00
88) Perylene-d12	24.480	264	1202180	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	11701	2.574	ng/uL	0.00
4) Pyridine-d5	3.681	84	175134	12.214	ng/u1	0.00
7) Phenol-d5	7.000	99	303321	18.490	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.141	67	181344	16.005	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	199516	18.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	177338	13.923	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	106193	19.964	ng/u1	0.00
24) 2-Nitrophenol-d4	9.685	143	123949	20.788	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	249081	21.577	ng/u1	0.00
31) 4-Chloroaniline-d4	10.737	131	218492	14.906	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	832689	22.193	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	902513	21.101	ng/u1	0.00
54) 4-Nitrophenol-d4	14.685	143	107637	20.247	ng/u1	0.01
60) Fluorene-d10	15.449	176	705482	21.267	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.584	200	62658	10.132	ng/u1	0.00
73) Anthracene-d10	17.300	188	1072435	20.942	ng/u1	0.00
81) Pyrene-d10	19.603	212	1155535	19.713	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.268	264	1029934	18.243	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.024	94	21022m	1.202	ng/u1	
72) Phenanthrene	17.247	178	210038	3.659	ng/u1	97
80) Fluoranthene	19.268	202	404162	6.066	ng/u1	97
82) Pyrene	19.633	202	362530	5.114	ng/u1#	96
85) Benzo(a)anthracene	21.436	228	183575	2.600	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.348	149	92394m	2.919	ng/u1	
87) Chrysene	21.495	228	172598	2.565	ng/u1	96
90) Benzo(b)fluoranthene	23.528	252	239983	3.512	ng/u1#	94
91) Benzo(k)fluoranthene	23.581	252	83606m	1.227	ng/u1	
93) Benzo(a)pyrene	24.333	252	171639	2.676	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.882	276	126434	1.614	ng/u1#	87
96) Benzo(g,h,i)perylene	28.957	276	142684m	2.296	ng/u1	

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

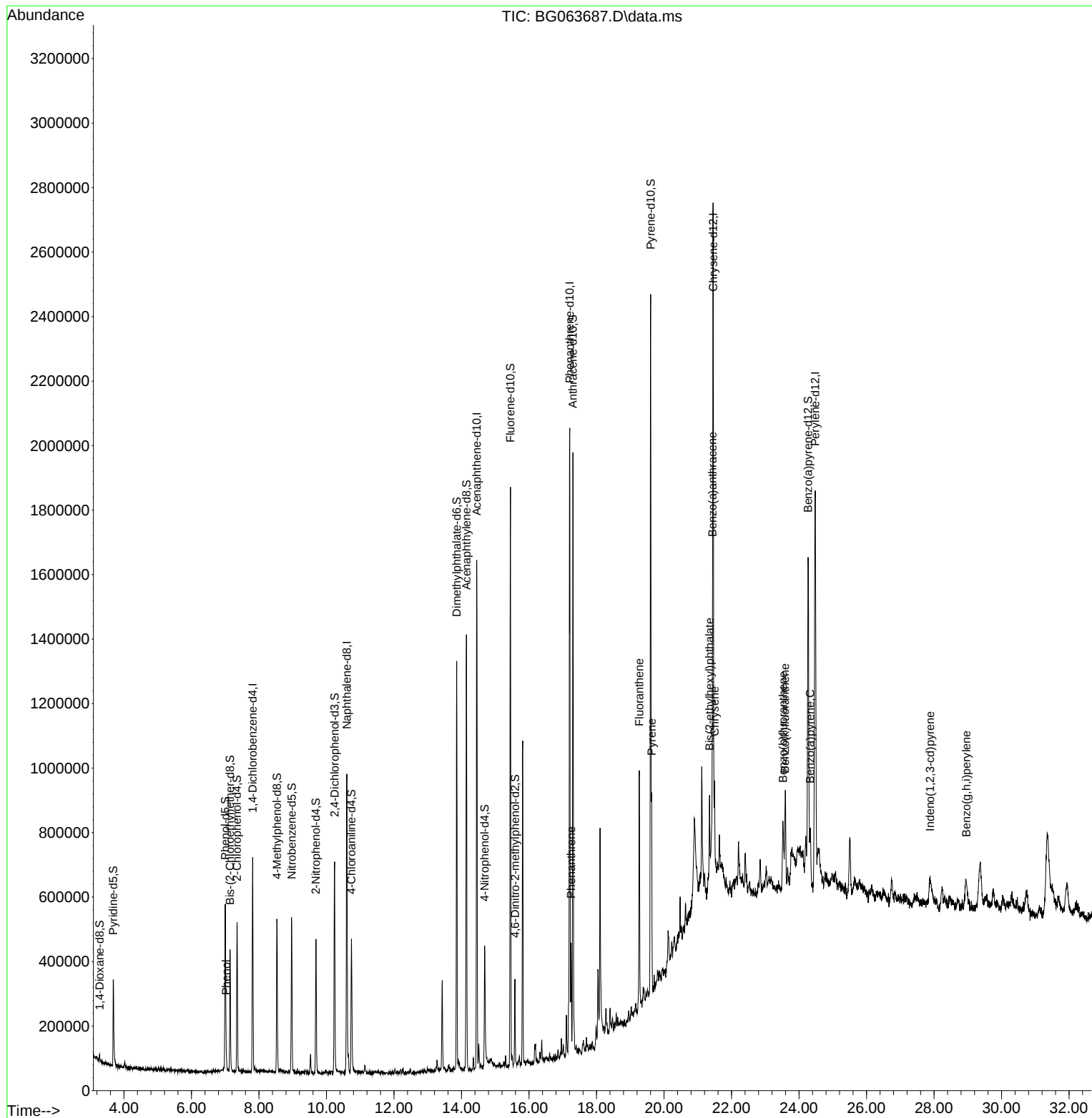
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
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ALS Vial : 7 Sample Multiplier: 1

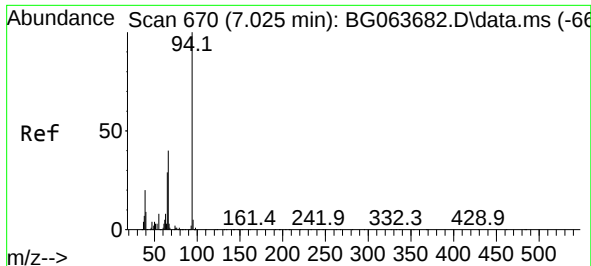
Instrument :
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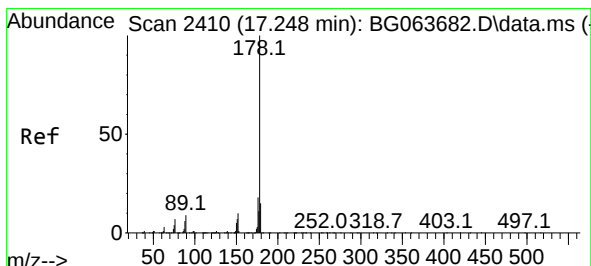
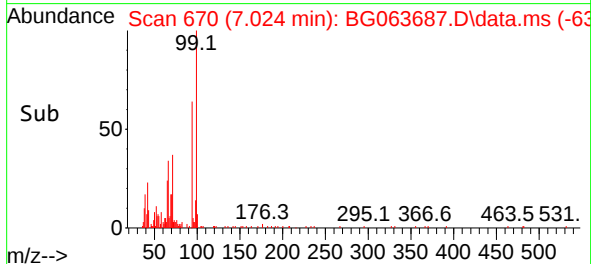
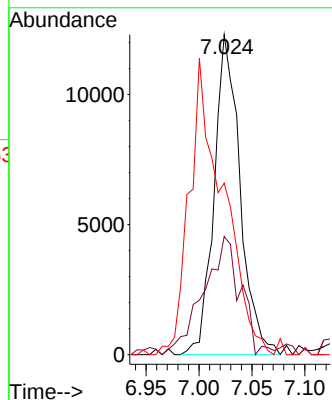
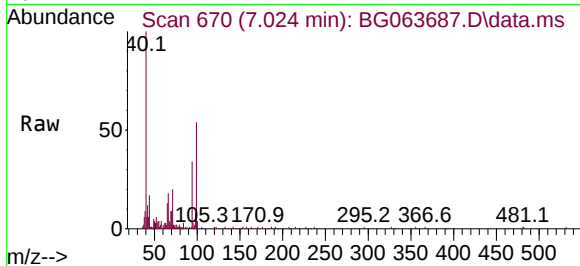
#8
Phenol
Concen: 1.202 ng/ul m
RT: 7.024 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG063687.D
Acq: 16 Dec 2024 13:43

Instrument :
BNA_G
ClientSampleId :
E28S4

Tgt Ion: 94 Resp: 2102
Ion Ratio Lower Upper
94 100
65 36.9 25.6 38.4
66 53.6 34.2 51.2

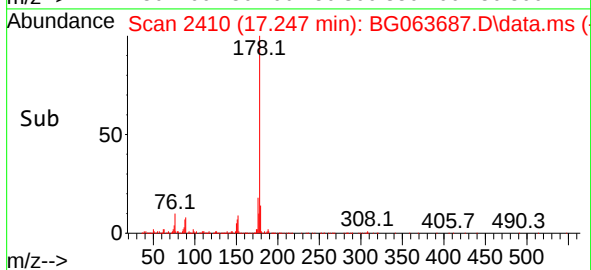
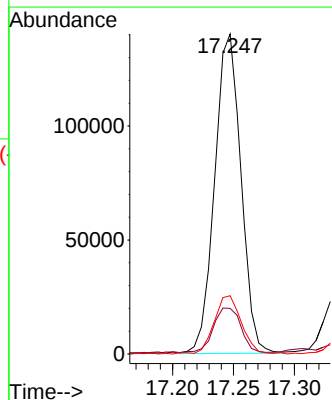
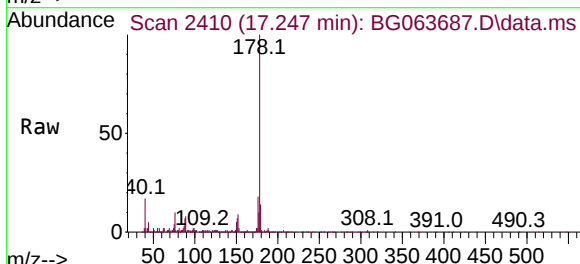
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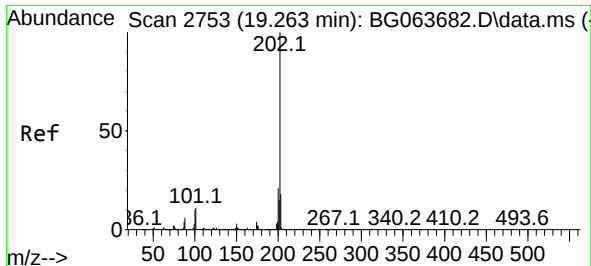
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Phenanthrene
Concen: 3.659 ng/ul
RT: 17.247 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG063687.D
Acq: 16 Dec 2024 13:43

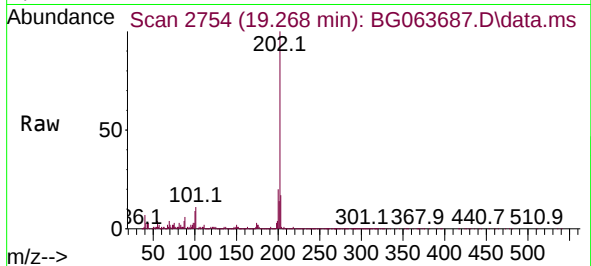
Tgt Ion:178 Resp: 210038
Ion Ratio Lower Upper
178 100
179 14.3 12.2 18.2
176 18.2 15.8 23.6





#80
Fluoranthene
Concen: 6.066 ng/u1
RT: 19.268 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG063687.D
Acq: 16 Dec 2024 13:43

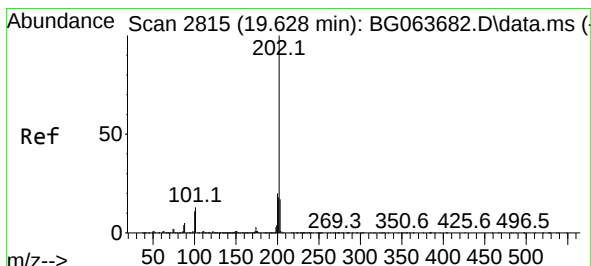
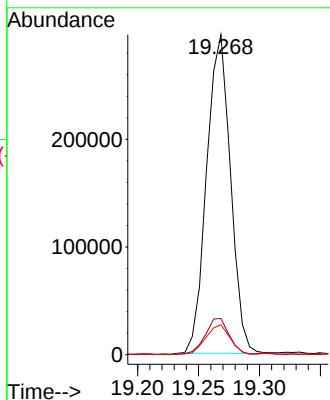
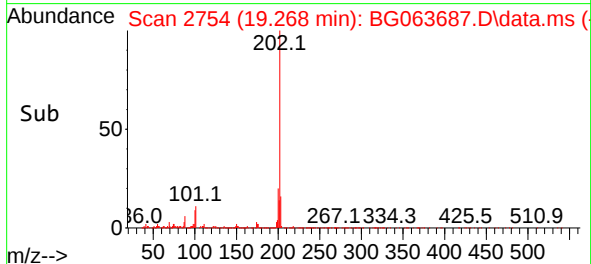
Instrument :
BNA_G
ClientSampleId :
E28S4



Tgt Ion:202 Resp: 404162
Ion Ratio Lower Upper
202 100
101 11.3 8.1 12.1
100 9.4 6.5 9.7

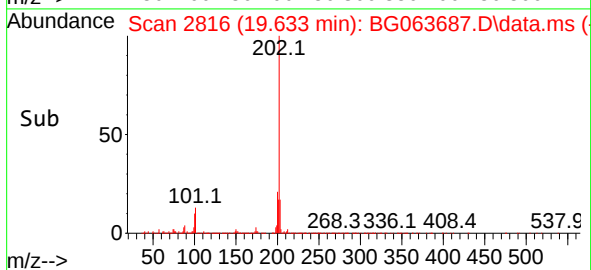
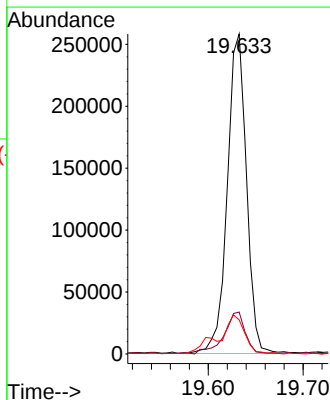
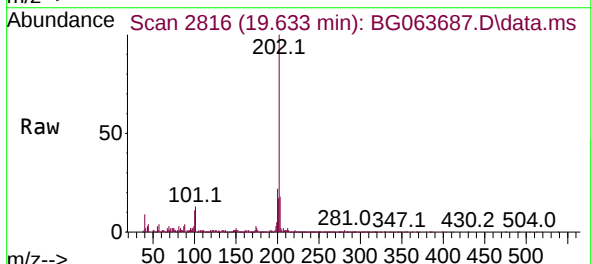
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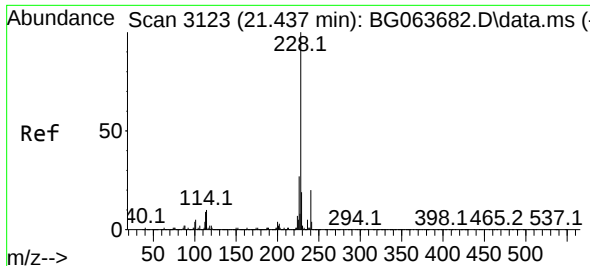
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#82
Pyrene
Concen: 5.114 ng/u1
RT: 19.633 min Scan# 2816
Delta R.T. -0.001 min
Lab File: BG063687.D
Acq: 16 Dec 2024 13:43

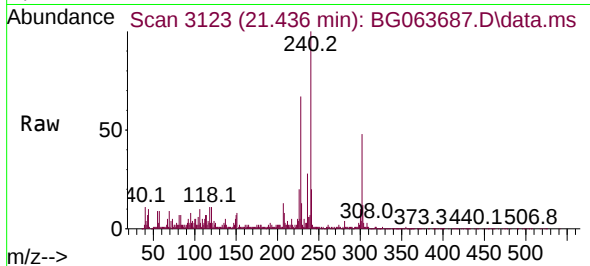
Tgt Ion:202 Resp: 362530
Ion Ratio Lower Upper
202 100
101 13.1 8.7 13.1#
100 10.7 7.8 11.6





#85
Benzo(a)anthracene
Concen: 2.600 ng/ul
RT: 21.436 min Scan# 3123
Delta R.T. -0.007 min
Lab File: BG063687.D
Acq: 16 Dec 2024 13:43

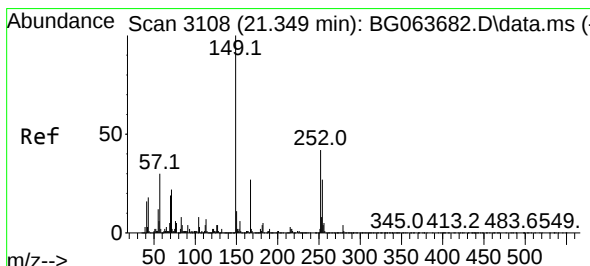
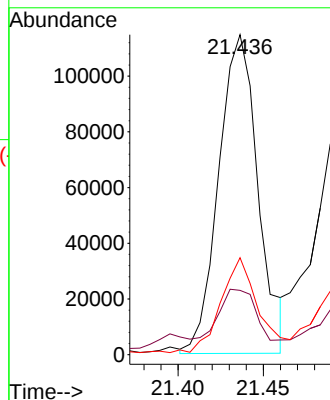
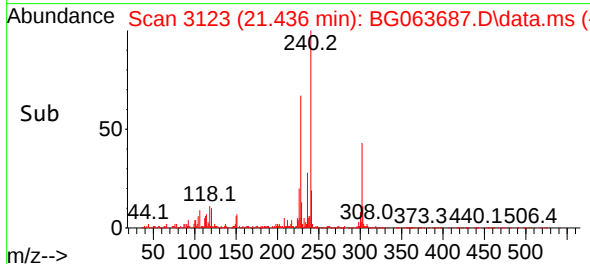
Instrument :
BNA_G
ClientSampleId :
E28S4



Tgt Ion:228 Resp: 18357
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 30.3 22.0 33.0

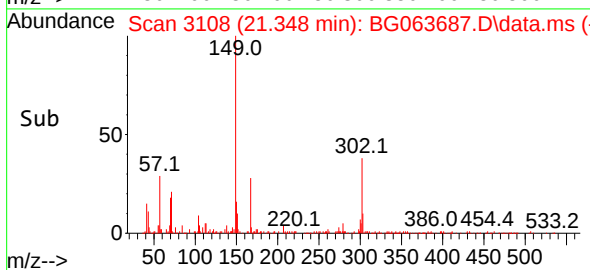
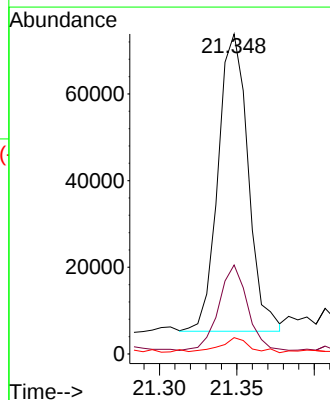
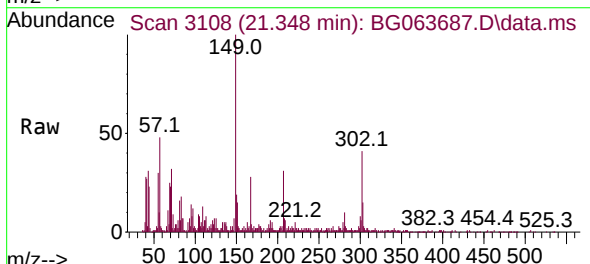
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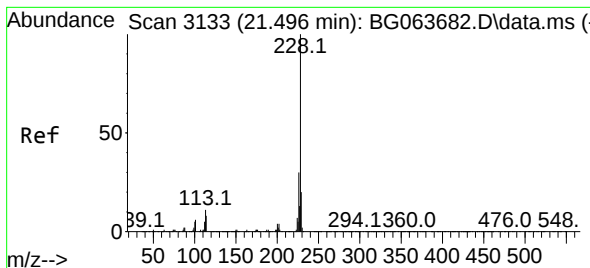
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.919 ng/ul m
RT: 21.348 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BG063687.D
Acq: 16 Dec 2024 13:43

Tgt Ion:149 Resp: 92394
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 5.1 2.9 4.3#





#87

Chrysene

Concen: 2.565 ng/ul

RT: 21.495 min Scan# 3133

Delta R.T. -0.007 min

Lab File: BG063687.D

Acq: 16 Dec 2024 13:43

Instrument :

BNA_G

ClientSampleId :

E28S4

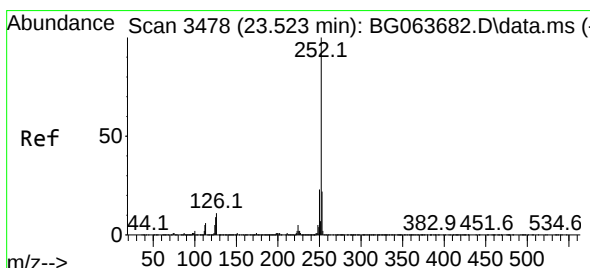
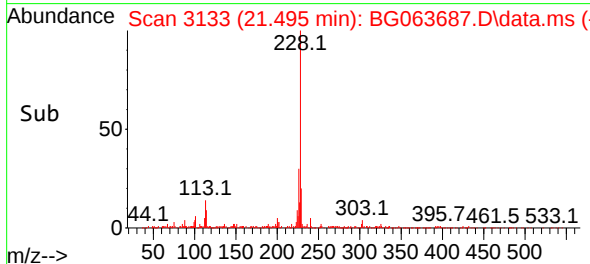
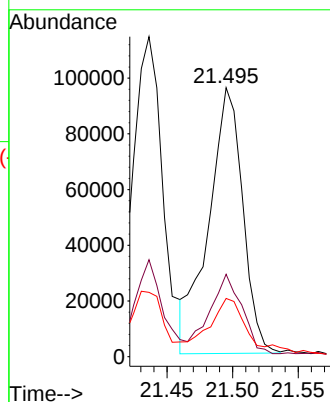
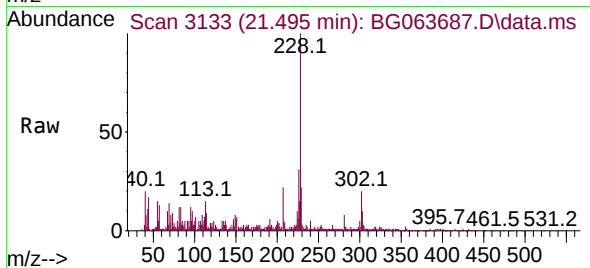
Tgt Ion:	228	Resp:	172598
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	21.7	14.8	22.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.512 ng/ul

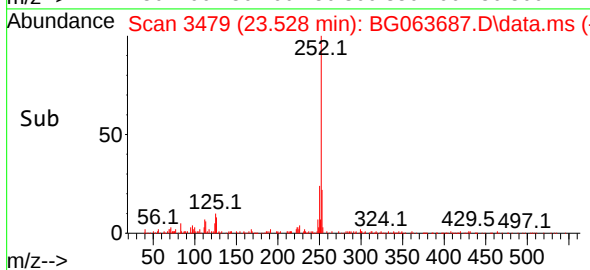
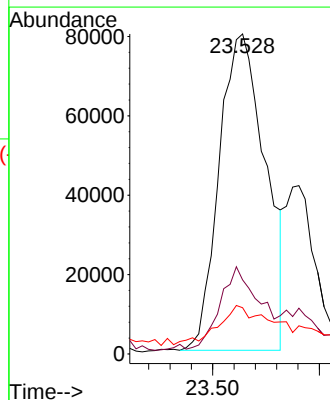
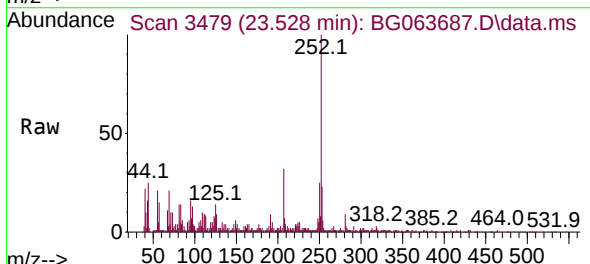
RT: 23.528 min Scan# 3479

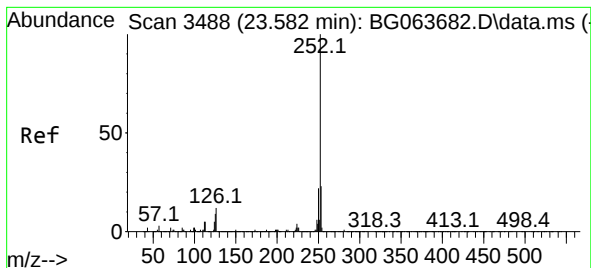
Delta R.T. 0.005 min

Lab File: BG063687.D

Acq: 16 Dec 2024 13:43

Tgt Ion:	252	Resp:	239983
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	14.5	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 1.227 ng/ul m

RT: 23.581 min Scan# 3488

Delta R.T. -0.007 min

Lab File: BG063687.D

Acq: 16 Dec 2024 13:43

Instrument :

BNA_G

ClientSampleId :

E28S4

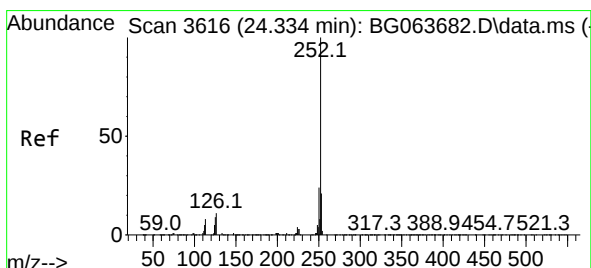
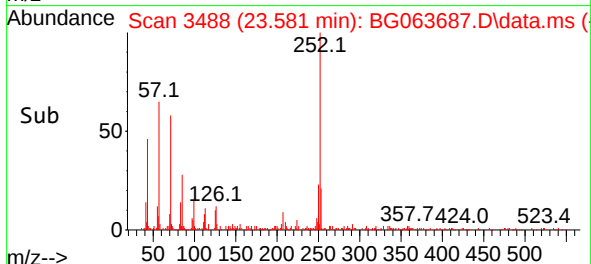
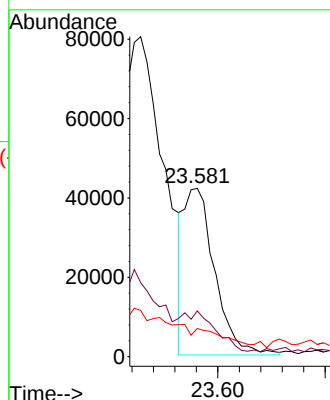
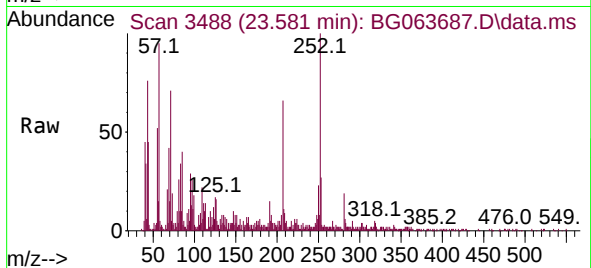
Tgt Ion:	252	Resp:	83600
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.7	26.5
125	16.7	6.5	9.7

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Supervised By :mohammad ahmed 12/18/2024



#93

Benzo(a)pyrene

Concen: 2.676 ng/ul

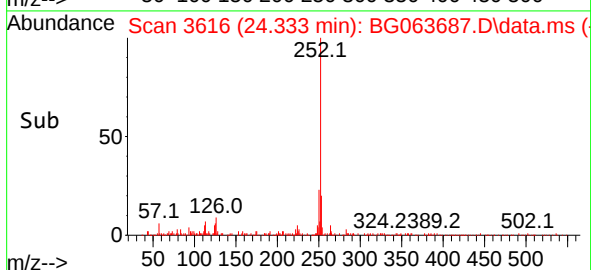
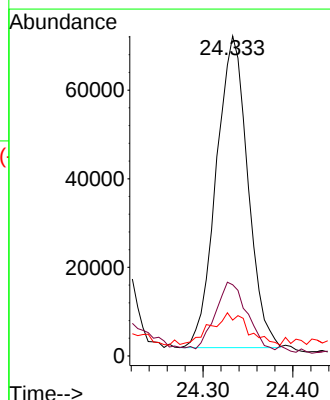
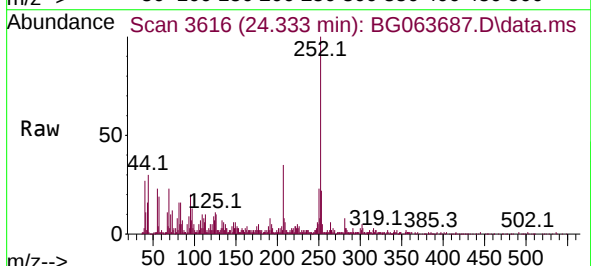
RT: 24.333 min Scan# 3616

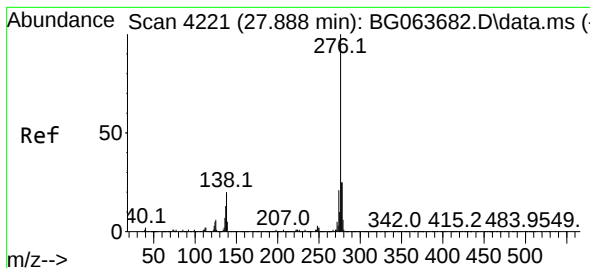
Delta R.T. -0.007 min

Lab File: BG063687.D

Acq: 16 Dec 2024 13:43

Tgt Ion:	252	Resp:	171639
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.6	24.8
125	11.2	8.0	12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.614 ng/ul

RT: 27.882 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG063687.D

Acq: 16 Dec 2024 13:43

Instrument :

BNA_G

ClientSampleId :

E28S4

Tgt Ion:276 Resp: 126434

Ion Ratio Lower Upper

276 100

138 22.0 13.7 20.5

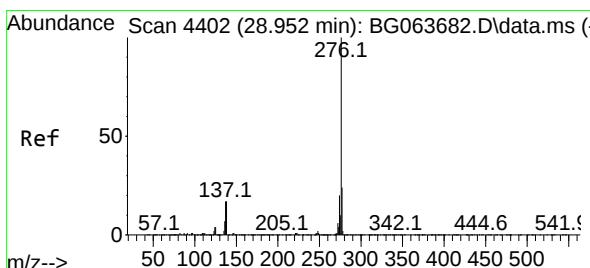
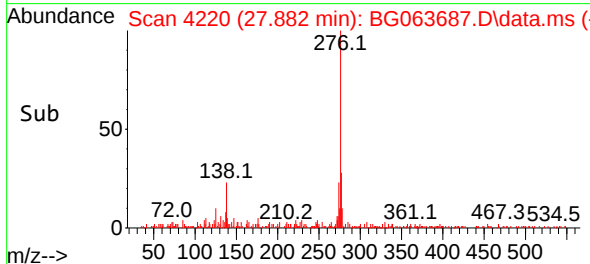
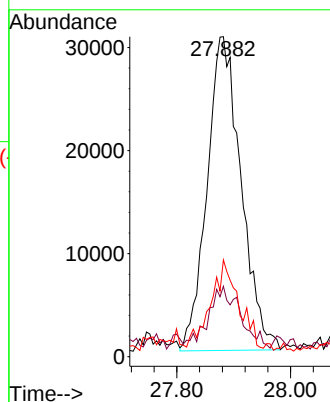
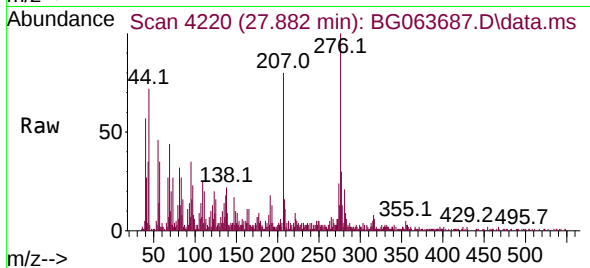
277 30.2 18.4 27.6

Manual Integrations

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Supervised By :mohammad ahmed 12/18/2024



#96

Benzo(g,h,i)perylene

Concen: 2.296 ng/ul m

RT: 28.957 min Scan# 4403

Delta R.T. 0.017 min

Lab File: BG063687.D

Acq: 16 Dec 2024 13:43

Tgt Ion:276 Resp: 142684

Ion Ratio Lower Upper

276 100

138 18.4 13.8 20.8

277 27.8 17.8 26.8#

