

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063254.D
 Acq On : 9 Nov 2024 7:55
 Operator : RC/JU
 Sample : P4582-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EF0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 23:53:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	129899	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.621	136	587315	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.470	164	484382	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.226	188	1107108	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	1090696	20.000	ng/u1	# 0.00
88) Perylene-d12	24.511	264	1163020	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3773	1.313	ng/uL	0.00
4) Pyridine-d5	3.718	84	26914	2.835	ng/u1	0.00
7) Phenol-d5	7.008	99	84458	7.205	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	50508	7.346	ng/u1	0.00
11) 2-Chlorophenol-d4	7.372	132	61143	8.037	ng/u1	0.00
15) 4-Methylphenol-d8	8.542	113	64797	6.522	ng/u1	0.00
21) Nitrobenzene-d5	8.988	128	34744	8.415	ng/u1	0.00
24) 2-Nitrophenol-d4	9.711	143	40822	7.650	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	84705	8.088	ng/u1	0.00
31) 4-Chloroaniline-d4	10.774	131	14526m	1.065	ng/u1	0.01
46) Dimethylphthalate-d6	13.877	166	289842	7.639	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	310035	8.348	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	28174m	5.423	ng/u1	0.00
60) Fluorene-d10	15.469	176	270020	8.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	24029	3.453	ng/u1	0.00
73) Anthracene-d10	17.320	188	404960	8.511	ng/u1	0.00
81) Pyrene-d10	19.617	212	391546	7.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.300	264	258101	4.596	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.653	105	89083	5.569	ng/u1	93
72) Phenanthrene	17.267	178	106384	2.103	ng/u1	96
80) Fluoranthene	19.288	202	288851	4.887	ng/u1	99
82) Pyrene	19.646	202	172029	2.746	ng/u1#	94
85) Benzo(a)anthracene	21.456	228	152612	2.212	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.374	149	34349	1.288	ng/u1#	90
87) Chrysene	21.520	228	157490	2.448	ng/u1	99
90) Benzo(b)fluoranthene	23.548	252	185372	2.649	ng/u1#	97
91) Benzo(k)fluoranthene	23.612	252	81920m	1.175	ng/u1	

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

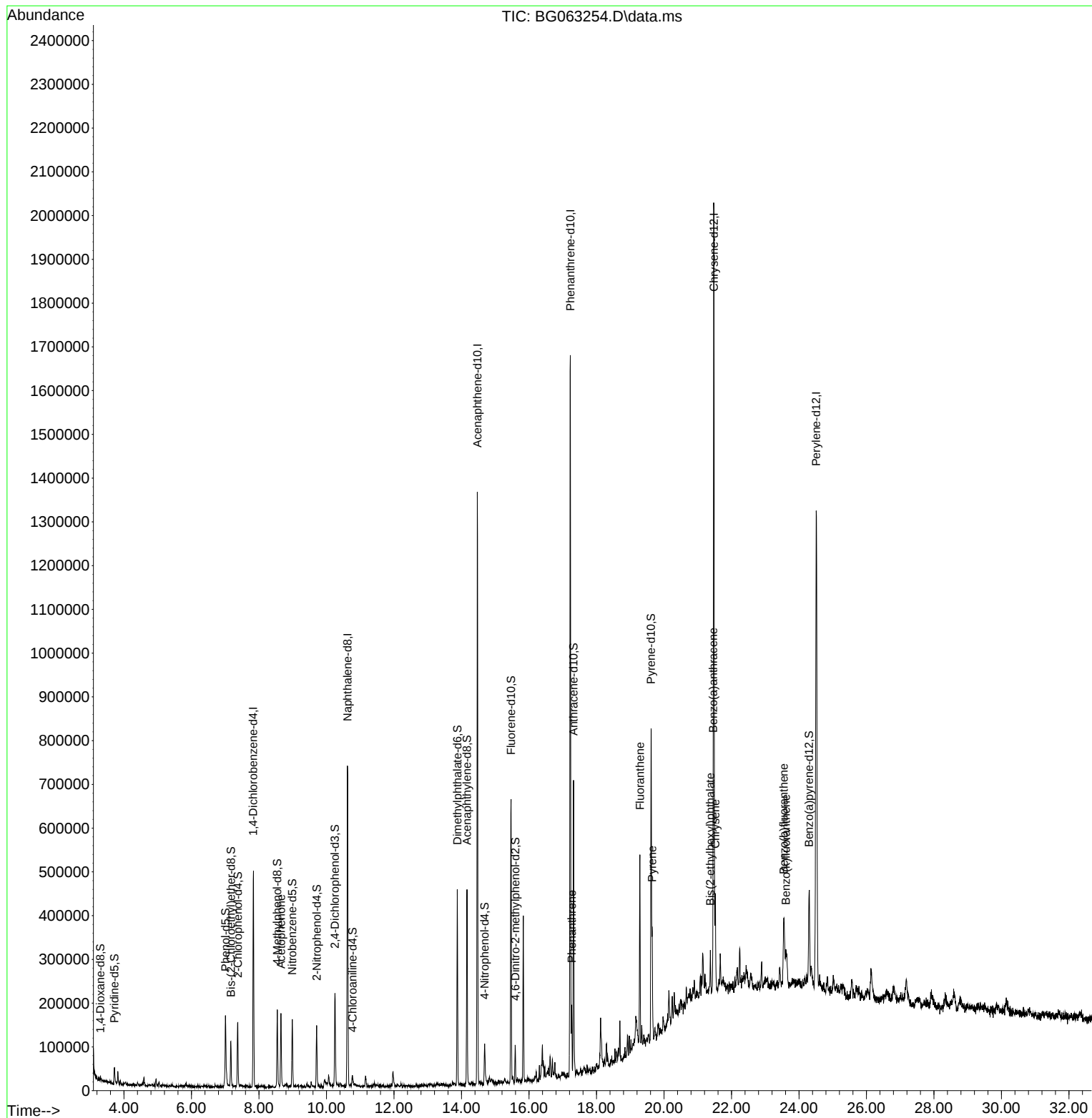
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063254.D
Acq On : 9 Nov 2024 7:55
Operator : RC/JU
Sample : P4582-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

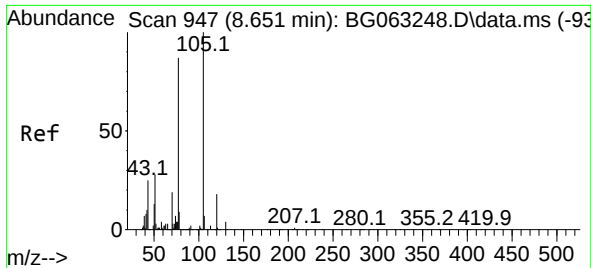
Instrument :
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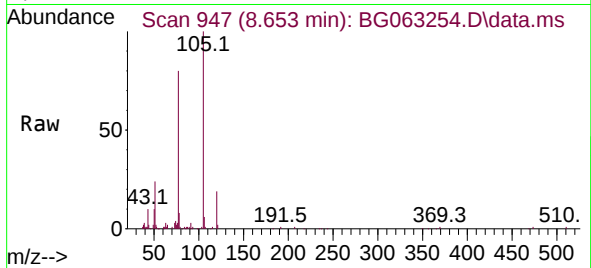
Quant Time: Nov 09 23:53:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 5.569 ng/ul
RT: 8.653 min Scan# 947
Delta R.T. -0.005 min
Lab File: BG063254.D
Acq: 9 Nov 2024 7:55

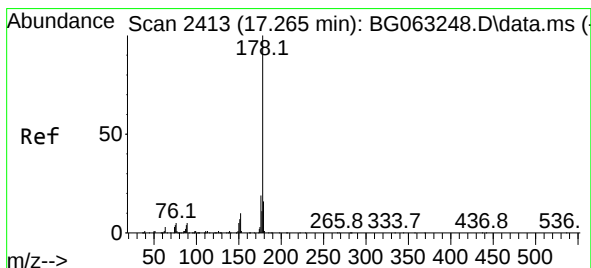
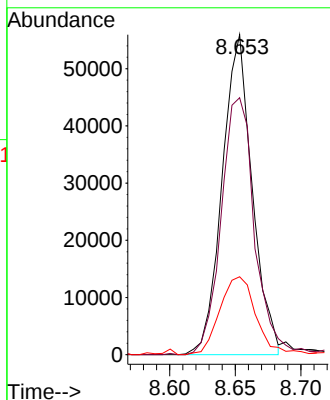
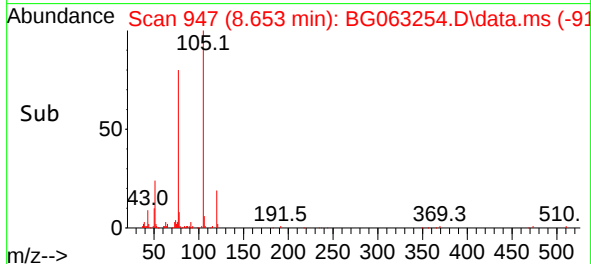
Instrument :
BNA_G
ClientSampleId :
A4EF0



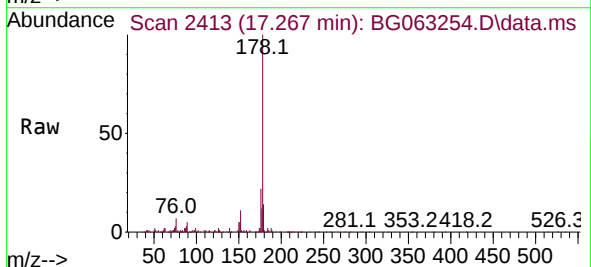
Tgt Ion:105 Resp: 8908
Ion Ratio Lower Upper
105 100
77 80.3 68.0 102.0
51 24.4 24.3 36.5

Manual Integrations
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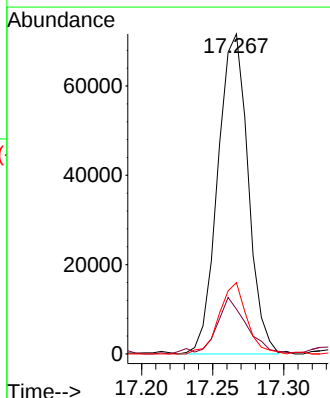
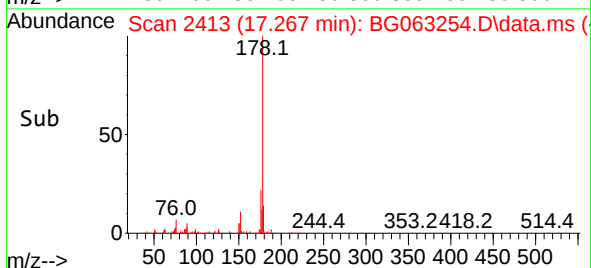
Reviewed By :Yogesh Patel 11/10/2024
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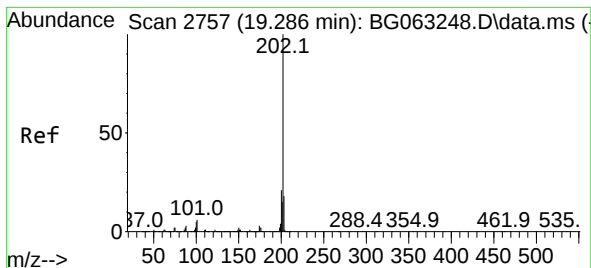


#72
Phenanthrene
Concen: 2.103 ng/ul
RT: 17.267 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG063254.D
Acq: 9 Nov 2024 7:55



Tgt Ion:178 Resp: 106384
Ion Ratio Lower Upper
178 100
179 14.0 12.2 18.4
176 22.3 16.0 24.0





#80

Fluoranthene

Concen: 4.887 ng/uI

RT: 19.288 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG063254.D

Acq: 9 Nov 2024 7:55

Instrument :

BNA_G

ClientSampleId :

A4EF0

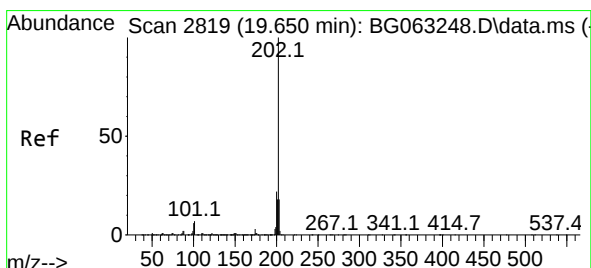
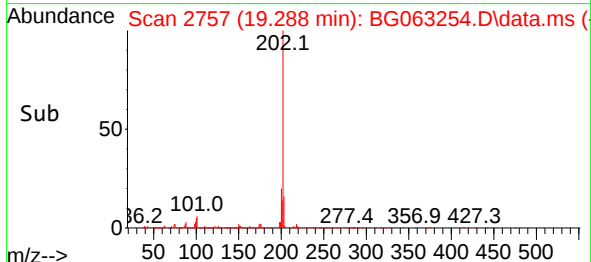
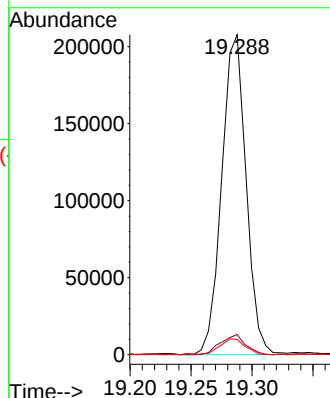
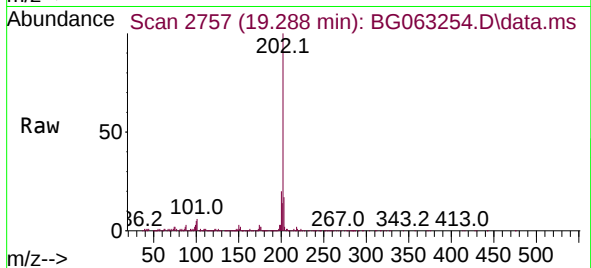
Tgt Ion:202 Resp: 28885
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.7 7.1
 100 4.7 3.4 5.0

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#82

Pyrene

Concen: 2.746 ng/uI

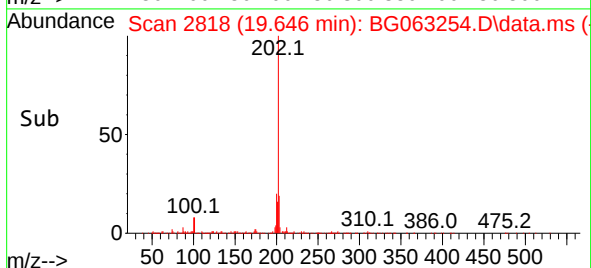
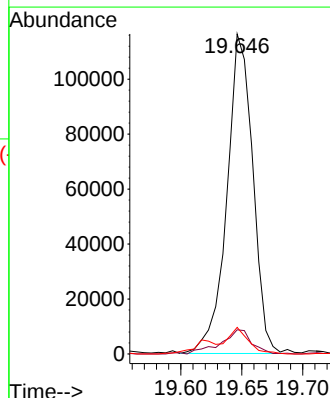
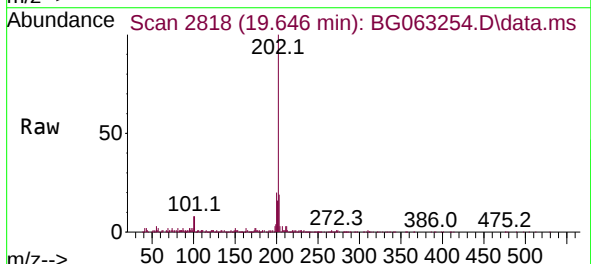
RT: 19.646 min Scan# 2818

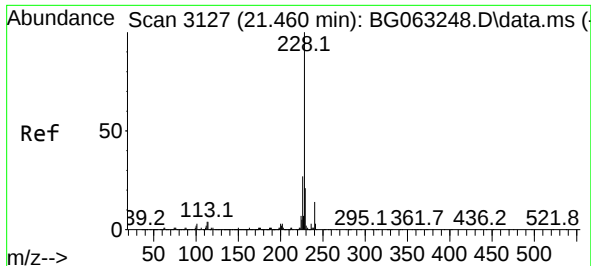
Delta R.T. -0.005 min

Lab File: BG063254.D

Acq: 9 Nov 2024 7:55

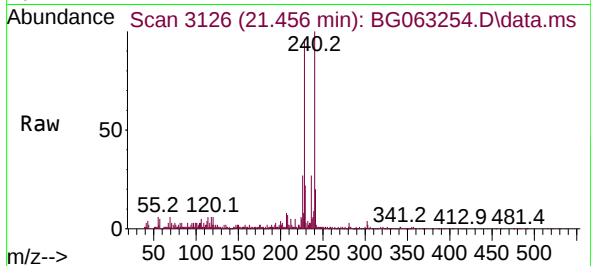
Tgt Ion:202 Resp: 172029
 Ion Ratio Lower Upper
 202 100
 101 7.6 4.9 7.3#
 100 8.3 4.4 6.6#





#85
Benzo(a)anthracene
Concen: 2.212 ng/ul
RT: 21.456 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BG063254.D
Acq: 9 Nov 2024 7:55

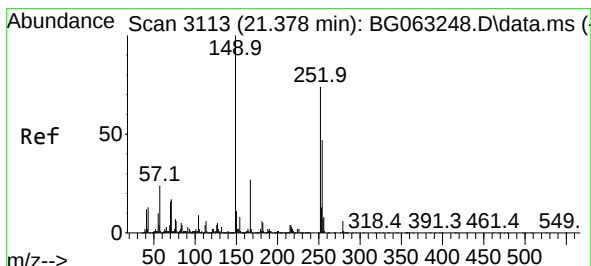
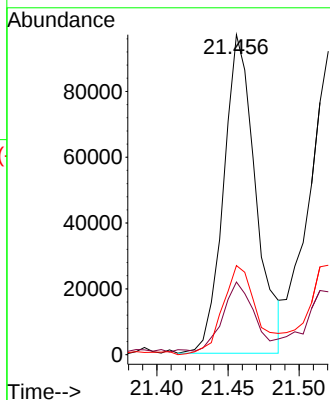
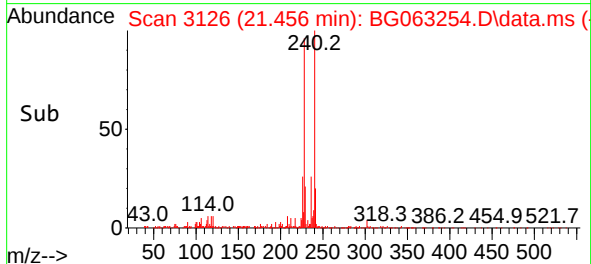
Instrument :
BNA_G
ClientSampleId :
A4EF0



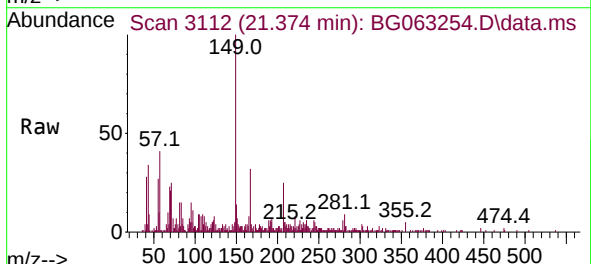
Tgt Ion:228 Resp: 15261
Ion Ratio Lower Upper
228 100
229 22.7 15.9 23.9
226 27.9 21.4 32.2

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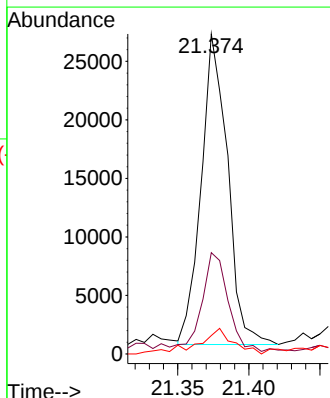
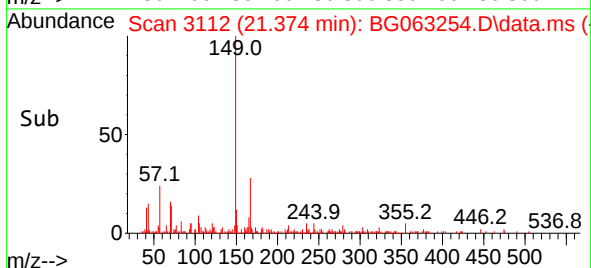
Reviewed By :Yogesh Patel 11/10/2024
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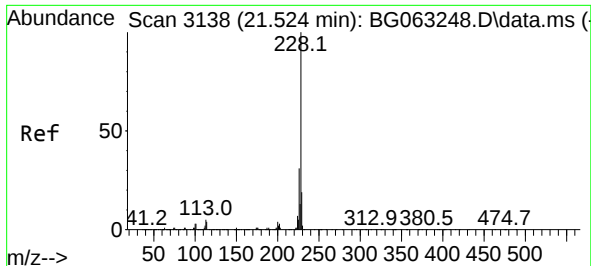


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.288 ng/ul
RT: 21.374 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BG063254.D
Acq: 9 Nov 2024 7:55



Tgt Ion:149 Resp: 34349
Ion Ratio Lower Upper
149 100
167 31.7 20.6 31.0#
279 5.8 4.2 6.4





#87

Chrysene

Concen: 2.448 ng/ul

RT: 21.520 min Scan# 3138

Delta R.T. -0.005 min

Lab File: BG063254.D

Acq: 9 Nov 2024 7:55

Instrument :

BNA_G

ClientSampleId :

A4EF0

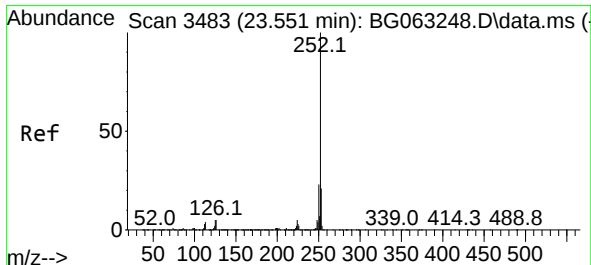
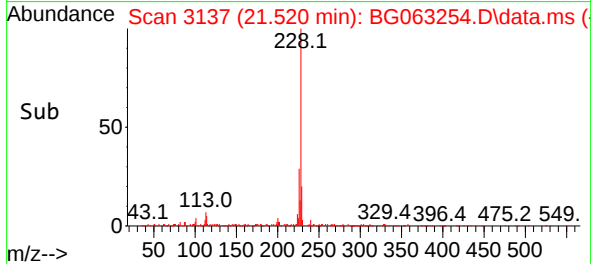
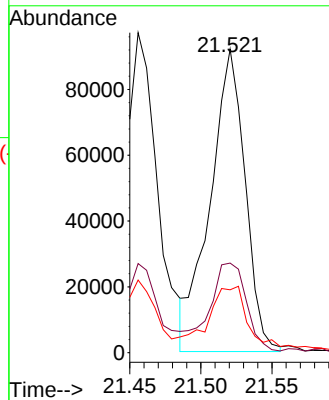
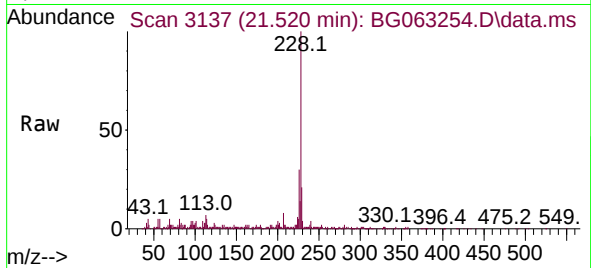
Tgt Ion:	228	Resp:	157490
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	20.7	16.6	24.8

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#90

Benzo(b)fluoranthene

Concen: 2.649 ng/ul

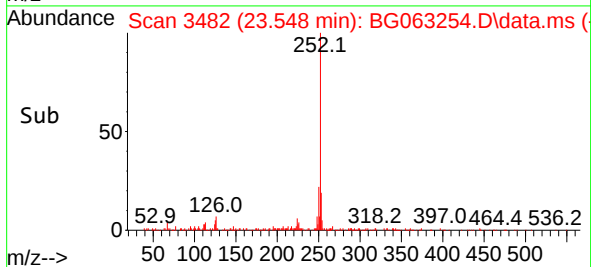
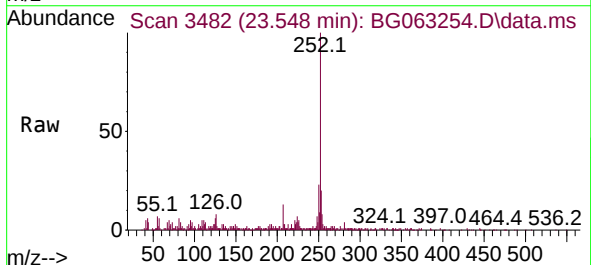
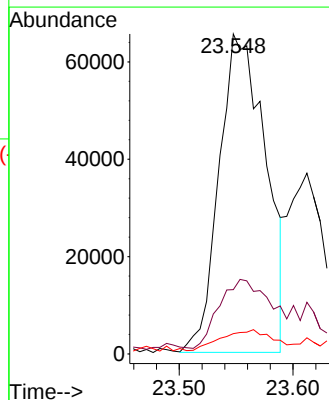
RT: 23.548 min Scan# 3482

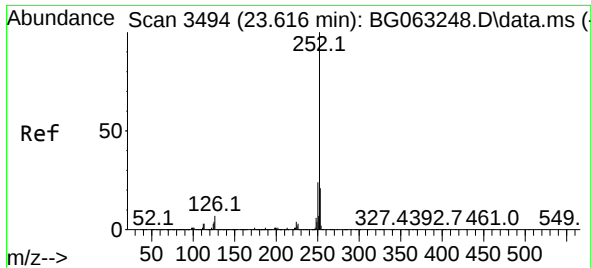
Delta R.T. -0.010 min

Lab File: BG063254.D

Acq: 9 Nov 2024 7:55

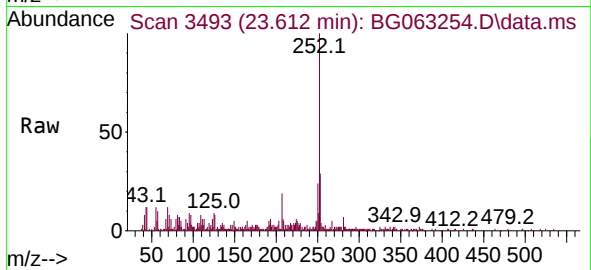
Tgt Ion:	252	Resp:	185372
Ion Ratio	Lower	Upper	
252	100		
253	20.1	17.1	25.7
125	6.4	3.4	5.0





#91
Benzo(k)fluoranthene
Concen: 1.175 ng/ul m
RT: 23.612 min Scan# 3493
Delta R.T. -0.005 min
Lab File: BG063254.D
Acq: 9 Nov 2024 7:55

Instrument :
BNA_G
ClientSampleId :
A4EF0



Tgt Ion: 252 Resp: 81920
Ion Ratio Lower Upper
252 100
253 28.6 17.4 26.0
125 8.9 3.3 4.9

Manual Integrations
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