

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048168.D
 Acq On : 21 Oct 2024 23:39
 Operator : RC/JU
 Sample : P4380-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 00:11:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6554	0.400	ng/u1	-0.03
4) Naphthalene-d8	10.561	136	20136	0.400	ng/u1	#-0.03
9) Acenaphthene-d10	14.399	164	17774	0.400	ng/u1	-0.02
13) Phenanthrene-d10	17.140	188	22637m	0.400	ng/u1	-0.03
17) Chrysene-d12	21.316	240	16927m	0.400	ng/u1	-0.02
23) Perylene-d12	23.575	264	14593m	0.400	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	37292	4.186	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.145	152	11484	0.409	ng/u1	-0.06
18) Fluoranthene-d10	19.168	212	22606m	0.459	ng/u1	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.622	128	14540842	265.712	ng/u1	98
7) 2-Methylnaphthalene	12.216	142	583583	18.639	ng/u1	97
8) 1-Methylnaphthalene	12.442	142	382029	10.602	ng/u1	98
10) Acenaphthylene	14.121	152	983878	11.983	ng/u1	97
11) Acenaphthene	14.464	153	204921	3.492	ng/u1	98
12) Fluorene	15.449	166	316314	5.032	ng/u1	98
14) Pentachlorophenol	16.802	266	3908m	0.514	ng/u1	
15) Phenanthrene	17.182	178	516079m	9.021	ng/u1	
16) Anthracene	17.275	178	62779m	1.160	ng/u1	
19) Fluoranthene	19.196	202	91365	1.375	ng/u1	97
20) Pyrene	19.558	202	52496	0.735	ng/u1	96
21) Benzo(a)anthracene	21.298	228	4069	0.078	ng/u1#	33
22) Chrysene	21.351	228	3793	0.048	ng/u1#	25
24) Benzo(b)fluoranthene	22.894	252	1820m	0.033	ng/u1	

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

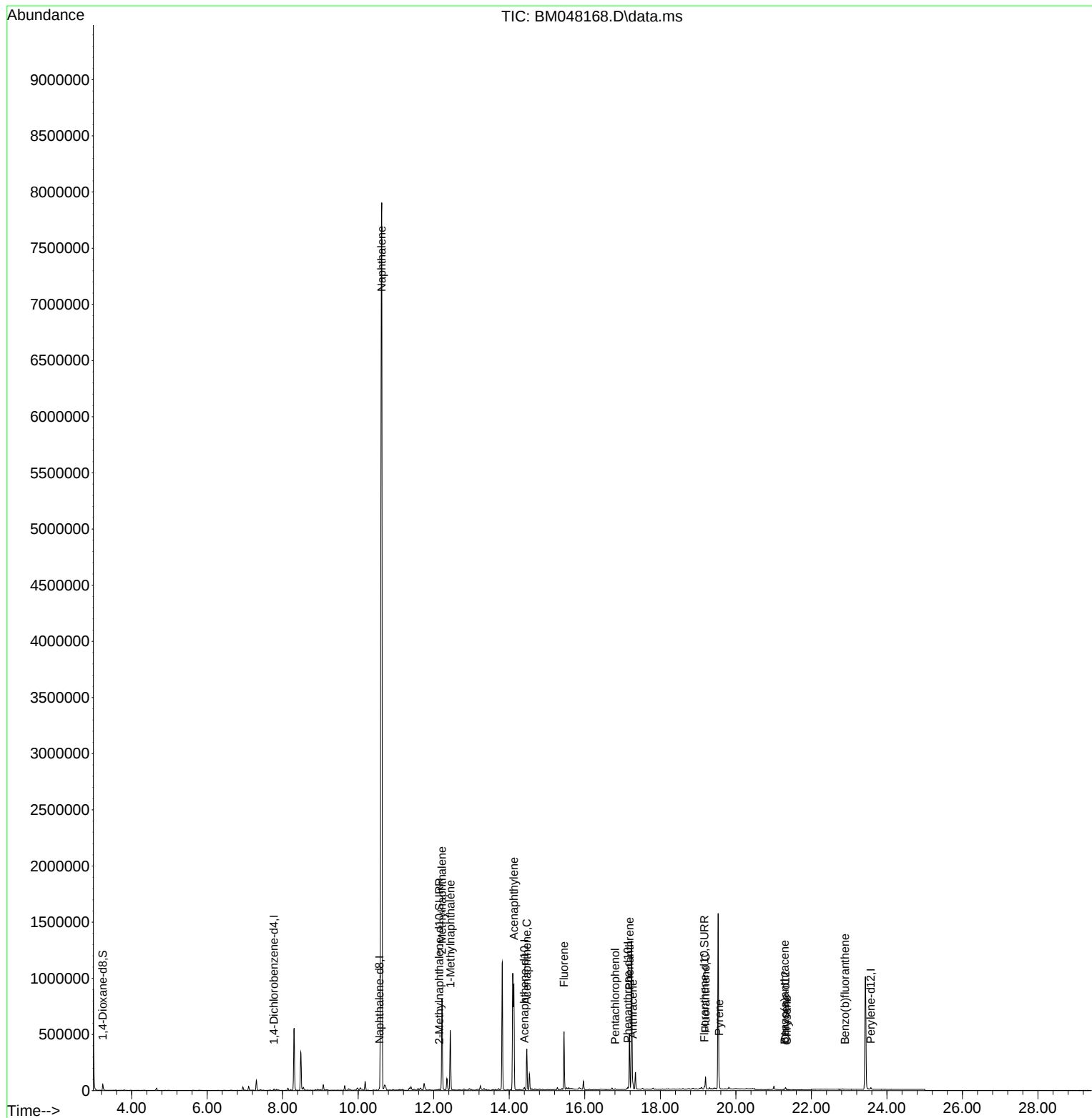
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048168.D
Acq On : 21 Oct 2024 23:39
Operator : RC/JU
Sample : P4380-12
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ALS Vial : 24 Sample Multiplier: 1

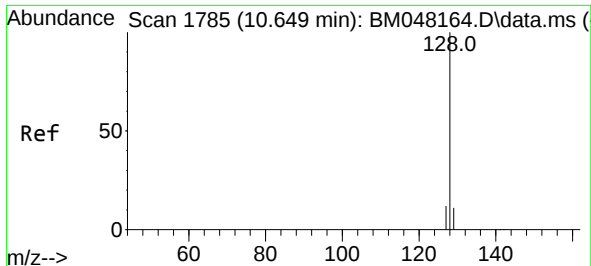
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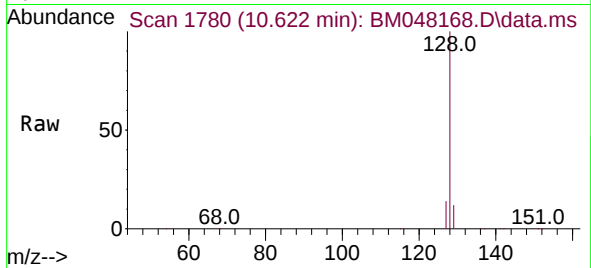
Quant Time: Oct 22 00:11:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
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#5
Naphthalene
Concen: 265.712 ng/ul
RT: 10.622 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

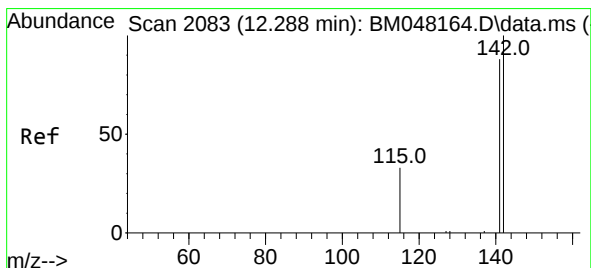
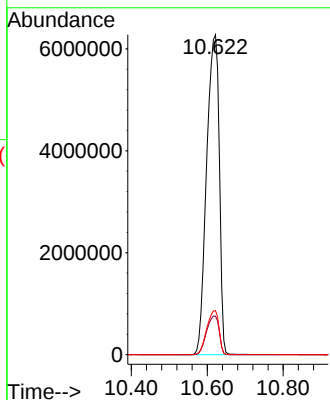
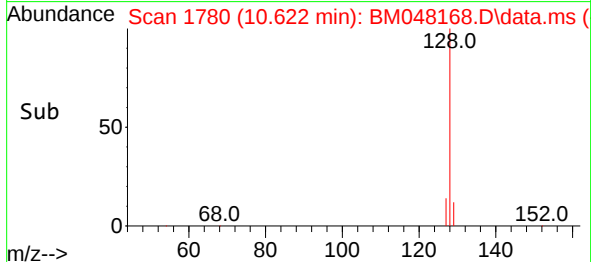
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:128 Resp:1454084
Ion Ratio Lower Upper
128 100
129 12.1 10.6 15.8
127 13.7 11.3 16.9

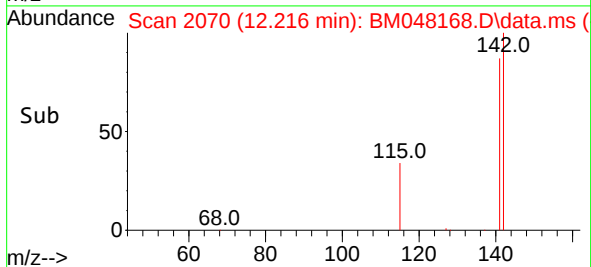
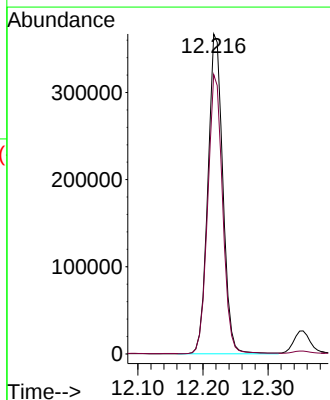
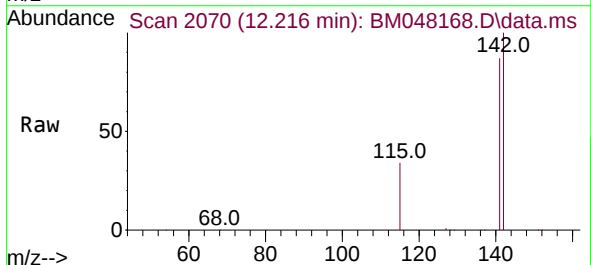
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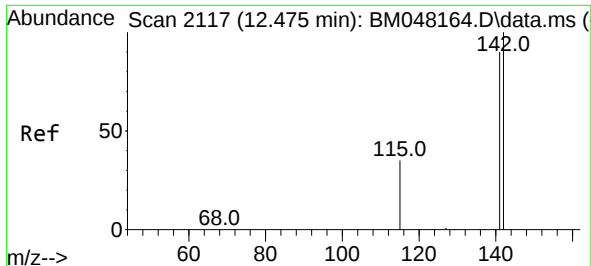
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 18.639 ng/ul
RT: 12.216 min Scan# 2070
Delta R.T. -0.055 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

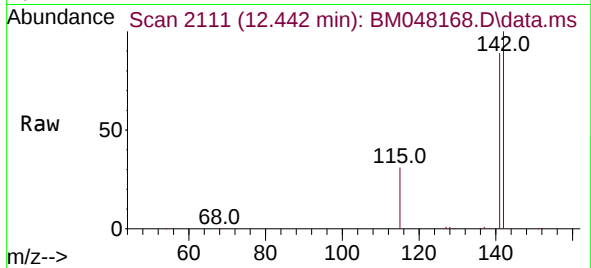
Tgt Ion:142 Resp: 583583
Ion Ratio Lower Upper
142 100
141 87.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 10.602 ng/ul
RT: 12.442 min Scan# 2111
Delta R.T. -0.028 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

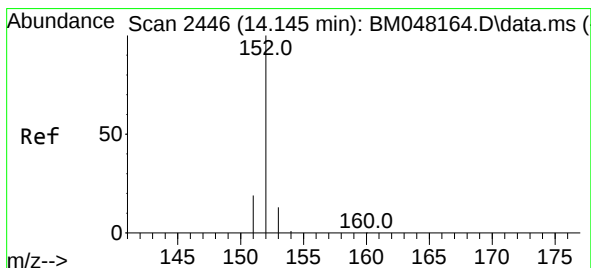
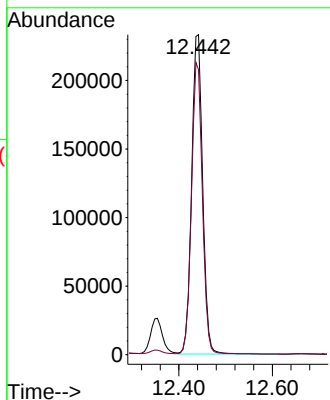
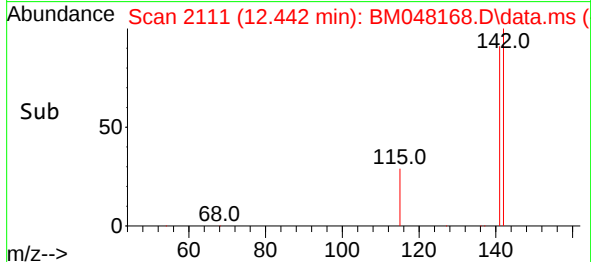
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:142 Resp: 382029
Ion Ratio Lower Upper
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141 90.1 73.8 110.6

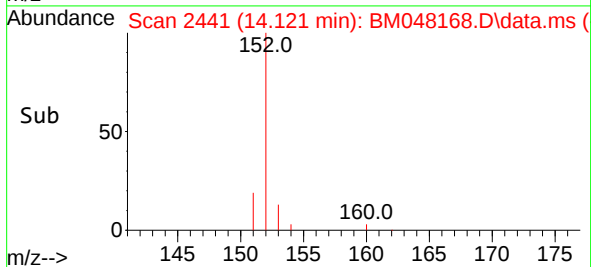
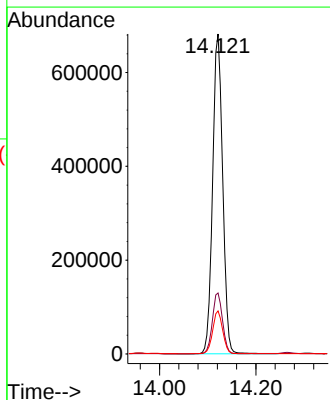
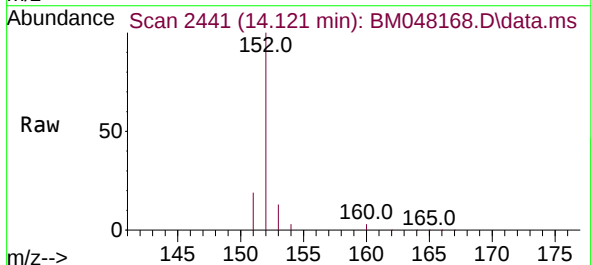
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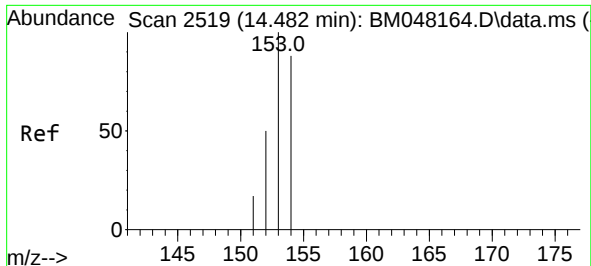
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 11.983 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.023 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

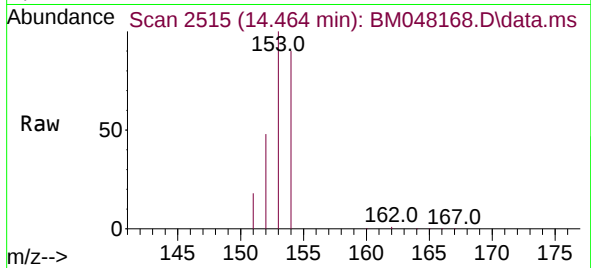
Tgt Ion:152 Resp: 983878
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4
153 13.4 11.7 17.5





#11
Acenaphthene
Concen: 3.492 ng/ul
RT: 14.464 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

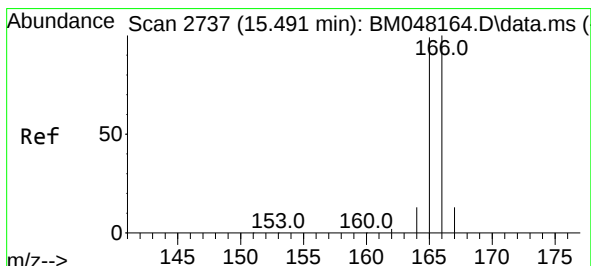
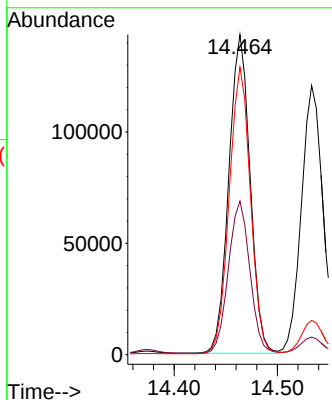
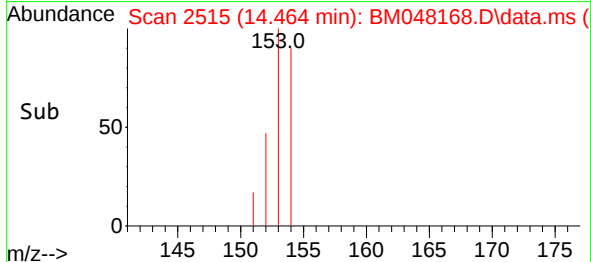
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:153 Resp: 20492
Ion Ratio Lower Upper
153 100
152 48.0 40.9 61.3
154 89.8 71.0 106.4

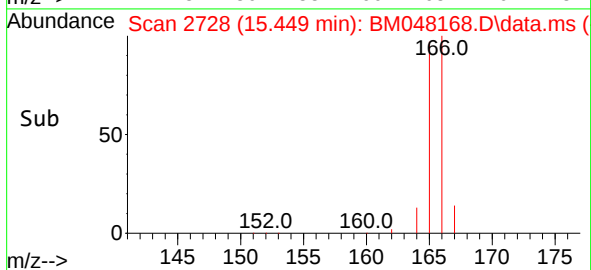
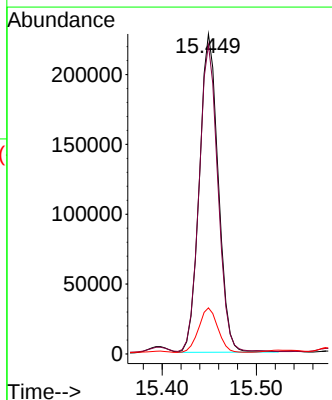
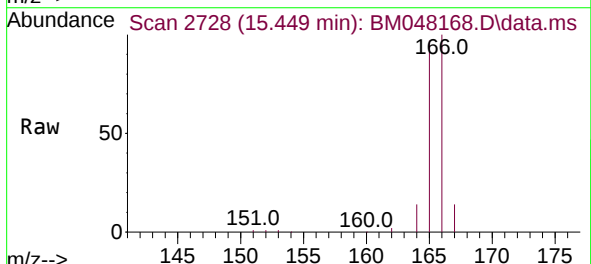
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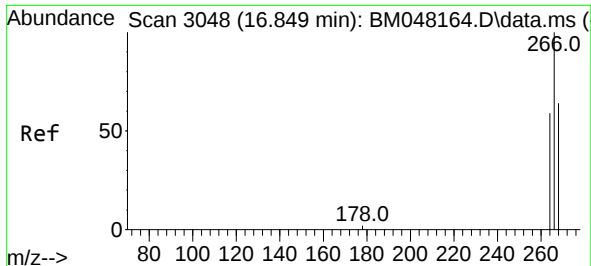
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 5.032 ng/ul
RT: 15.449 min Scan# 2728
Delta R.T. -0.033 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

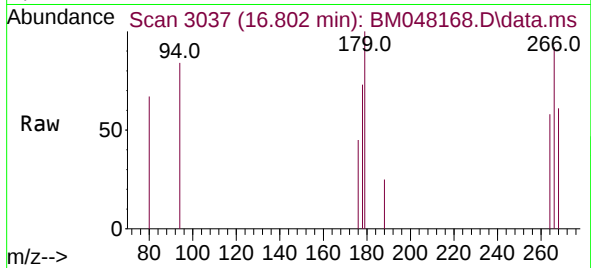
Tgt Ion:166 Resp: 316314
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 14.4 12.0 18.0





#14
Pentachlorophenol
Concen: 0.514 ng/ul m
RT: 16.802 min Scan# 3048
Delta R.T. -0.038 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

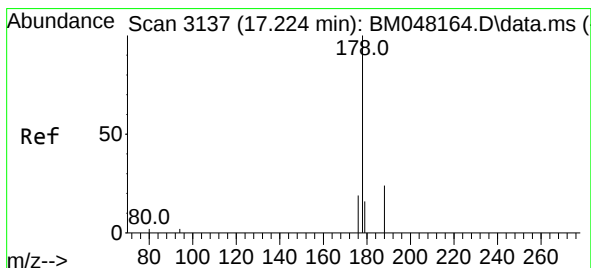
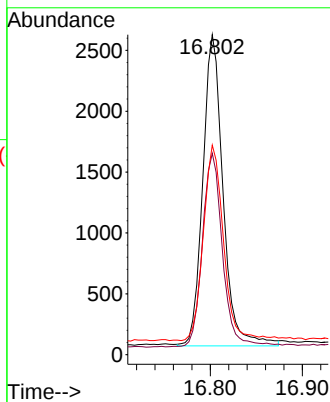
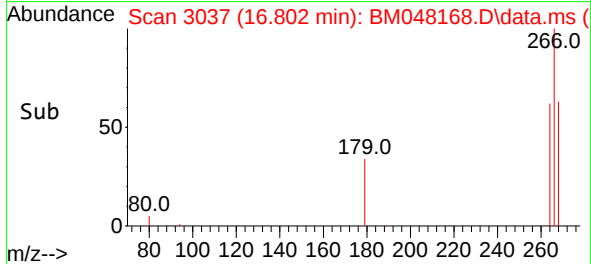
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:266 Resp: 3908
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2
268 0.0 51.8 77.6

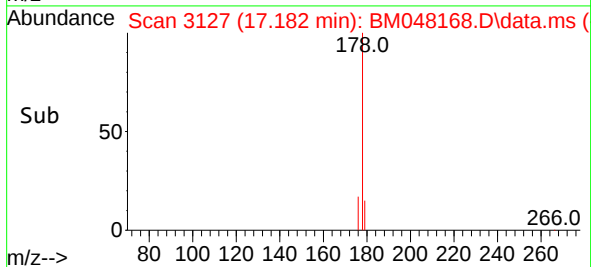
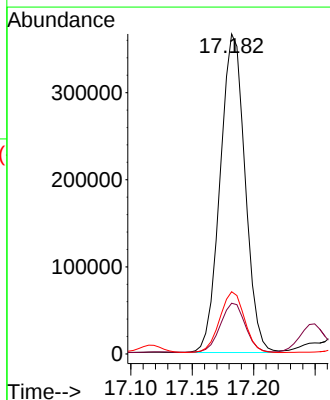
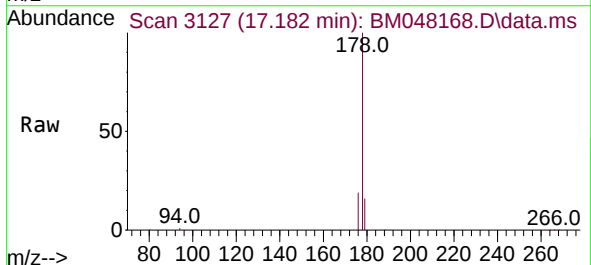
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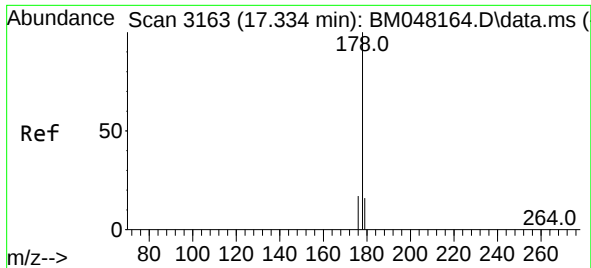
Reviewed By :Yogesh Patel 10/22/2024
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#15
Phenanthrene
Concen: 9.021 ng/ul m
RT: 17.182 min Scan# 3127
Delta R.T. -0.034 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

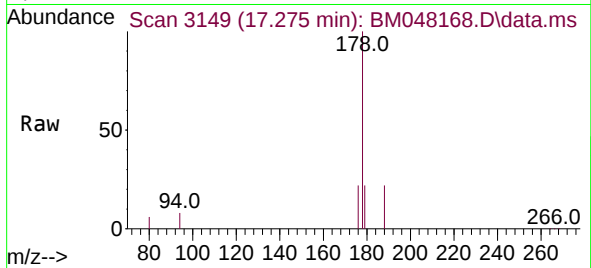
Tgt Ion:178 Resp: 516079
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.4 16.0 24.0





#16
Anthracene
Concen: 1.160 ng/ul m
RT: 17.275 min Scan# 3163
Delta R.T. -0.047 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

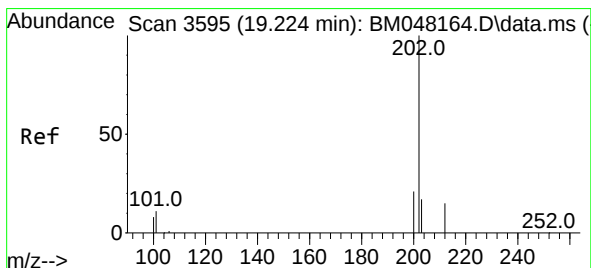
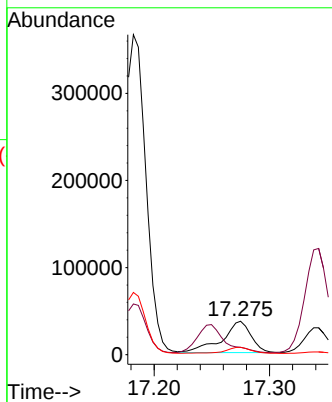
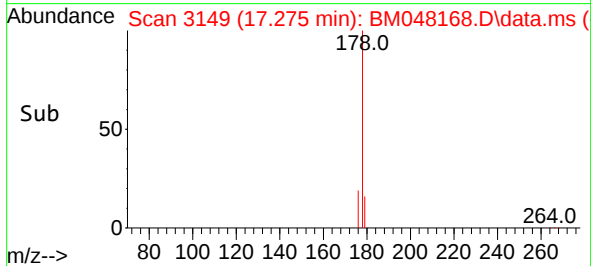
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:178 Resp: 62775
Ion Ratio Lower Upper
178 100
179 21.8 14.5 21.7
176 21.8 16.0 24.0

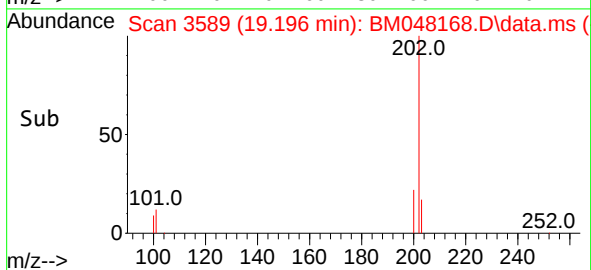
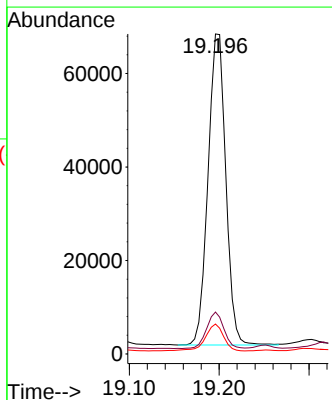
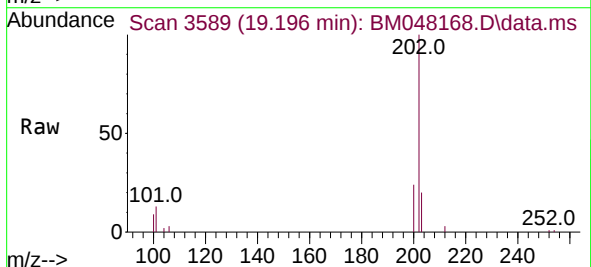
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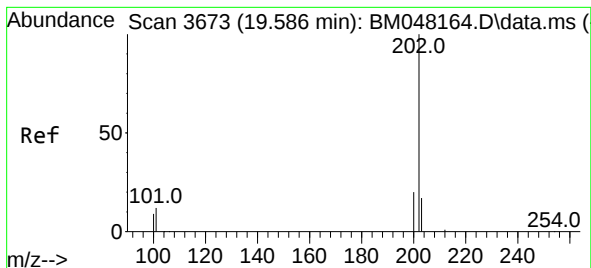
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#19
Fluoranthene
Concen: 1.375 ng/ul
RT: 19.196 min Scan# 3589
Delta R.T. -0.023 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

Tgt Ion:202 Resp: 91365
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 9.3 7.1 10.7





#20

Pyrene

Concen: 0.735 ng/ul

RT: 19.558 min Scan# 3

Delta R.T. -0.023 min

Lab File: BM048168.D

Acq: 21 Oct 2024 23:39

Instrument :

BNA_M

ClientSampleId :

E27G9

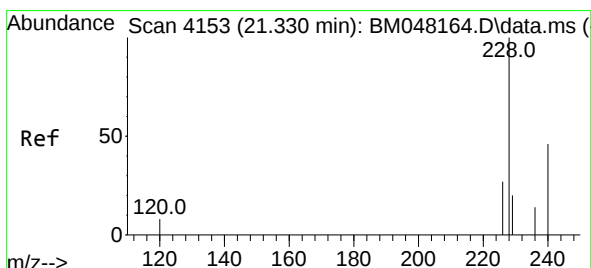
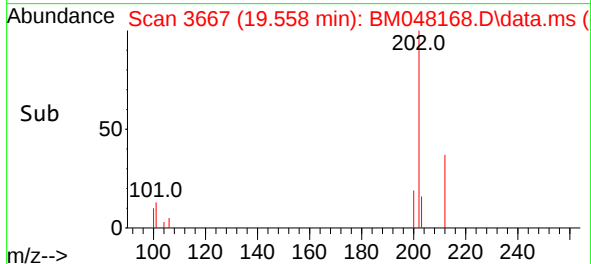
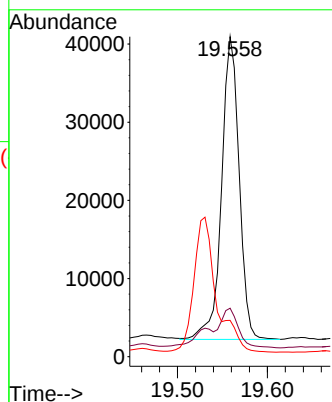
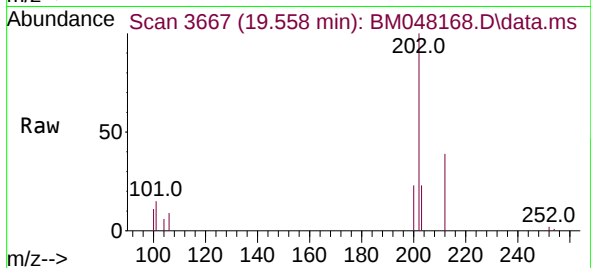
Tgt Ion:	202	Resp:	52490
Ion Ratio	Lower	Upper	
202	100		
101	15.2	10.6	16.0
100	11.4	8.1	12.1

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Supervised By :mohammad ahmed 10/23/2024



#21

Benzo(a)anthracene

Concen: 0.078 ng/ul

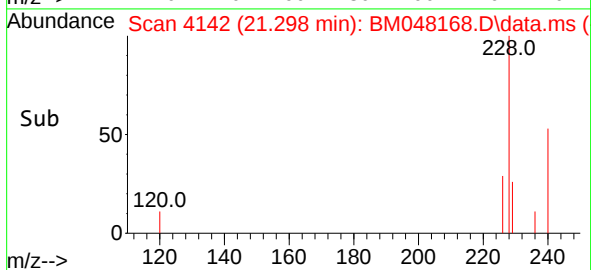
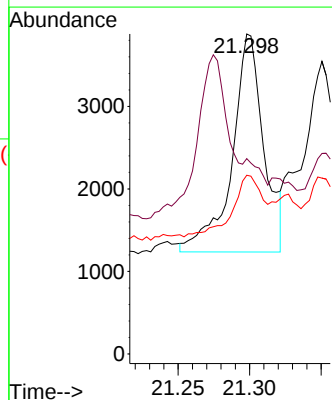
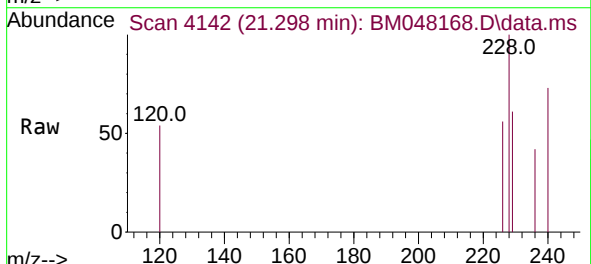
RT: 21.298 min Scan# 4142

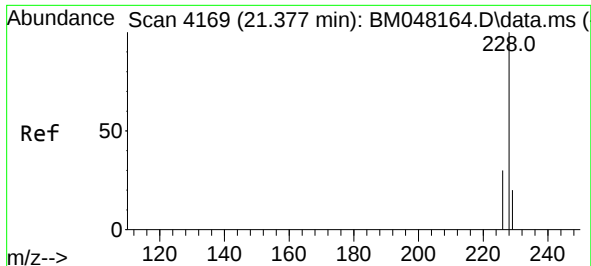
Delta R.T. -0.024 min

Lab File: BM048168.D

Acq: 21 Oct 2024 23:39

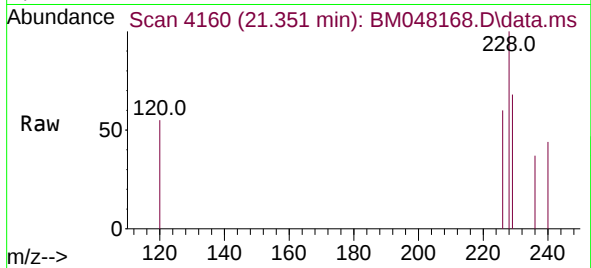
Tgt Ion:	228	Resp:	4069
Ion Ratio	Lower	Upper	
228	100		
229	61.1	16.4	24.6#
226	55.9	22.5	33.7#





#22
Chrysene
Concen: 0.048 ng/ul
RT: 21.351 min Scan# 4169
Delta R.T. -0.021 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

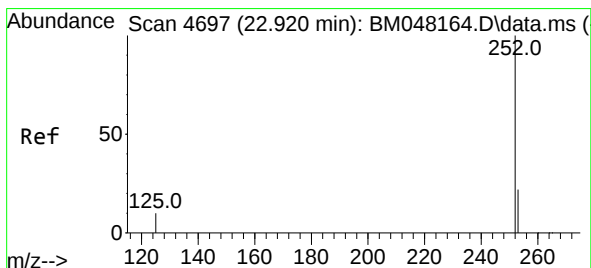
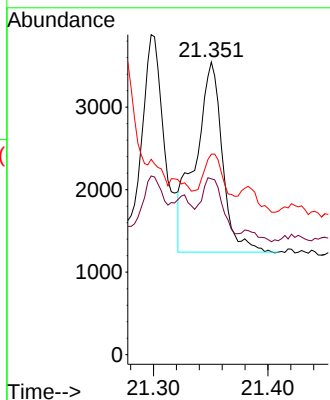
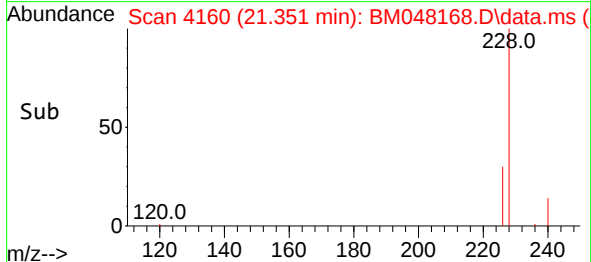
Instrument :
BNA_M
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Tgt Ion:228 Resp: 3793
Ion Ratio Lower Upper
228 100
226 60.1 24.0 36.0#
229 68.5 16.1 24.1#

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Supervised By :mohammad ahmed 10/23/2024



#24
Benzo(b)fluoranthene
Concen: 0.033 ng/ul m
RT: 22.894 min Scan# 4688
Delta R.T. -0.024 min
Lab File: BM048168.D
Acq: 21 Oct 2024 23:39

Tgt Ion:252 Resp: 1820
Ion Ratio Lower Upper
252 100
253 97.6 0.0 61.6#
125 82.9 0.0 42.8#

