

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048154.D
 Acq On : 21 Oct 2024 14:35
 Operator : RC/JU
 Sample : P4380-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G6

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 15:19:01 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 : Sat Oct 19 00:48:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6878	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.557	136	20729	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.405	164	13091	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.145	188	25066m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	18082m	0.400	ng/ul	-0.02
23) Perylene-d12	23.577	264	15638m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	38031	4.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	11769	0.407	ng/ul	-0.04
18) Fluoranthene-d10	19.169	212	24239	0.461	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.607	128	8112	0.144	ng/ul	96
7) 2-Methylnaphthalene	12.229	142	1134	0.035	ng/ul	85
8) 1-Methylnaphthalene	12.449	142	2833	0.076	ng/ul	99
10) Acenaphthylene	14.123	152	3966	0.066	ng/ul#	75
11) Acenaphthene	14.465	153	4445	0.103	ng/ul	96
12) Fluorene	15.450	166	3531	0.076	ng/ul#	90
14) Pentachlorophenol	16.803	266	1041m	0.124	ng/ul	
15) Phenanthrene	17.188	178	8123m	0.128	ng/ul	
19) Fluoranthene	19.197	202	15045	0.212	ng/ul#	89
20) Pyrene	19.560	202	8996m	0.118	ng/ul	

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

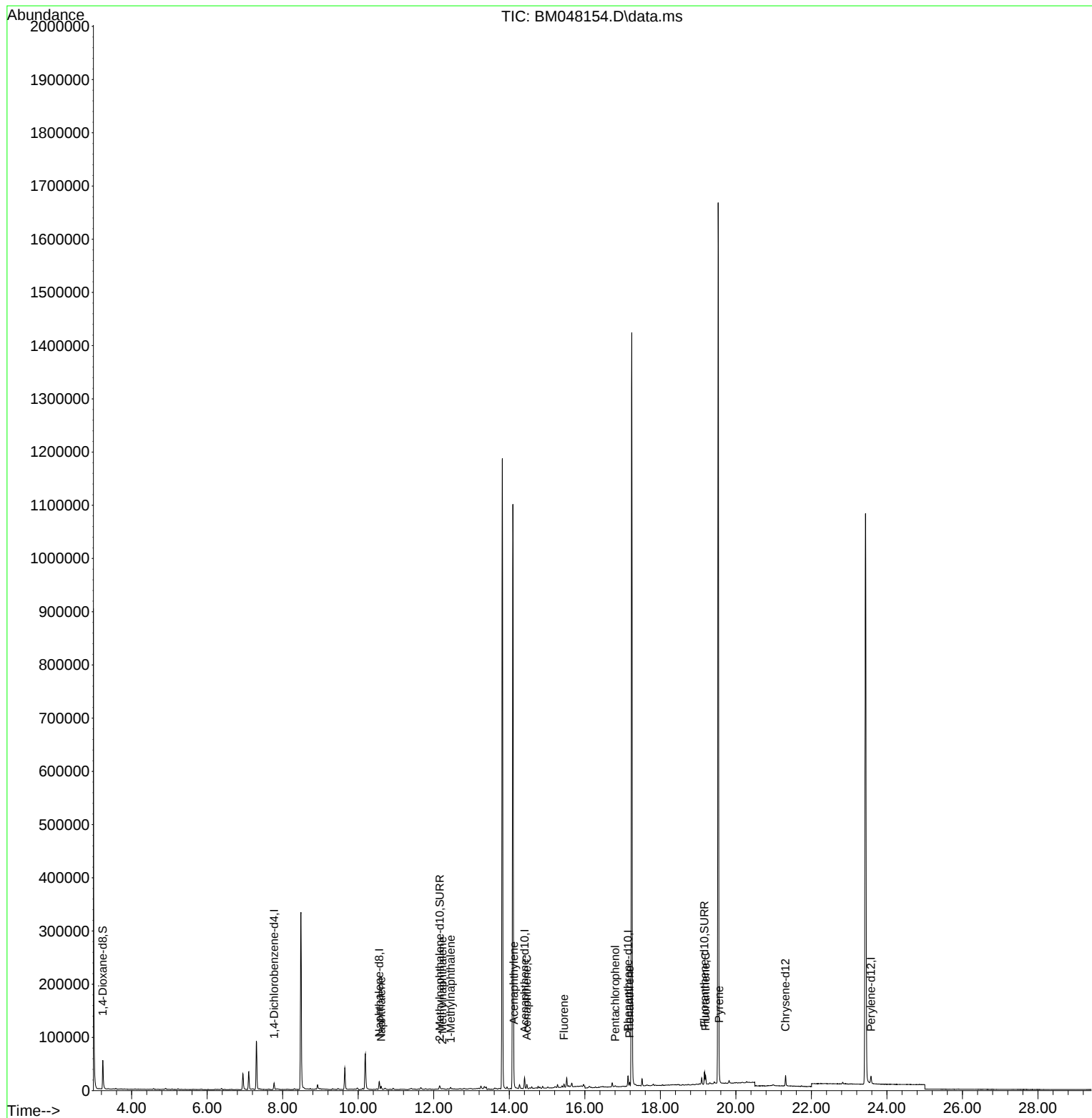
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048154.D
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ALS Vial : 9 Sample Multiplier: 1

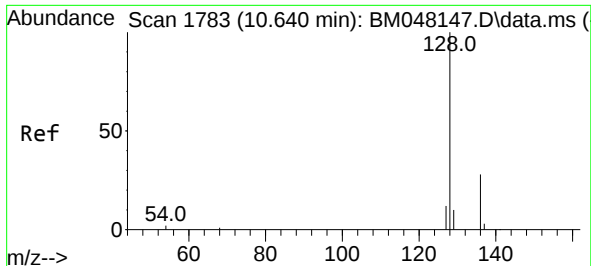
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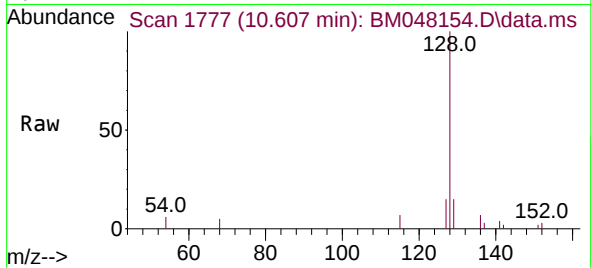
Quant Time: Oct 21 15:19:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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#5
Naphthalene
Concen: 0.144 ng/ul
RT: 10.607 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

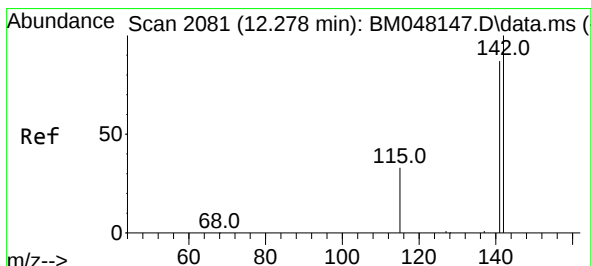
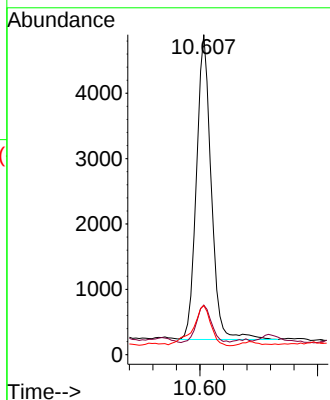
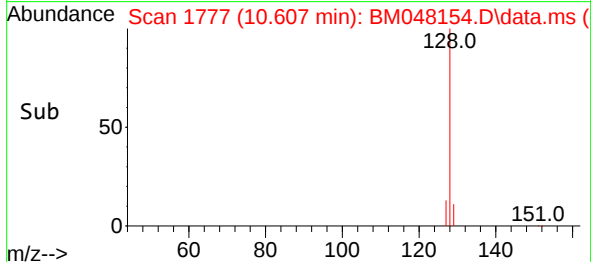
Instrument :
BNA_M
ClientSampleId :
E27G6



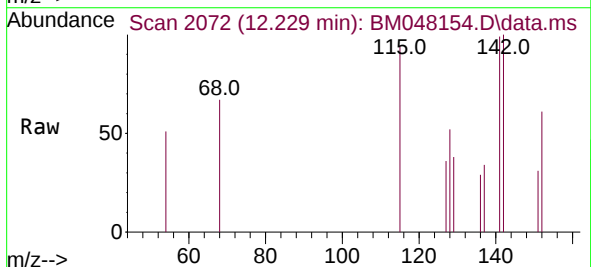
Tgt Ion:128 Resp: 811
Ion Ratio Lower Upper
128 100
129 15.5 10.6 15.8
127 15.3 11.3 16.9

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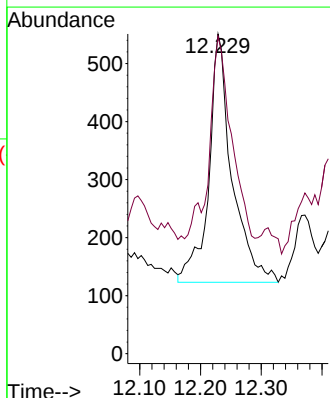
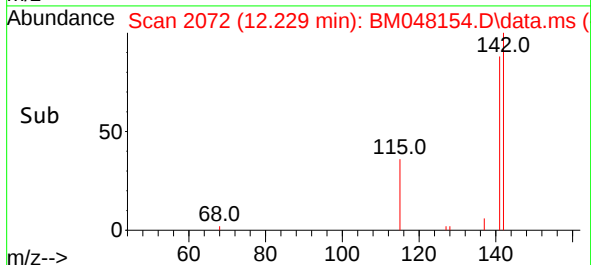
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

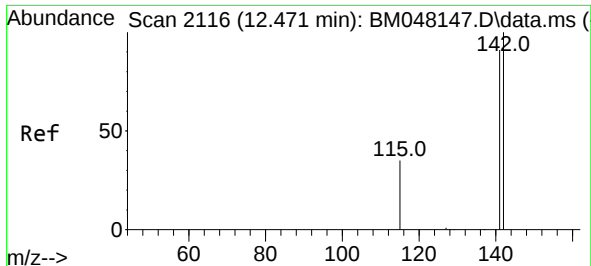


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. -0.043 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35



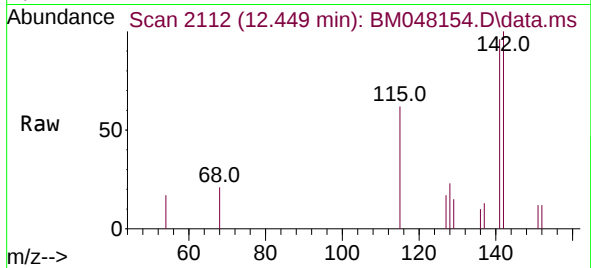
Tgt Ion:142 Resp: 1134
Ion Ratio Lower Upper
142 100
141 75.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.449 min Scan# 2112
Delta R.T. -0.021 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

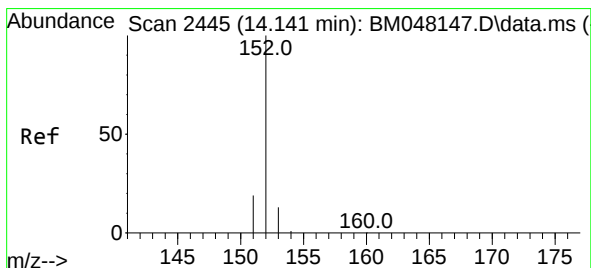
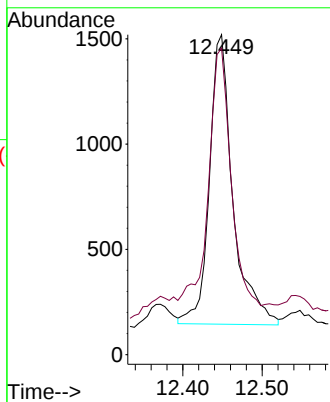
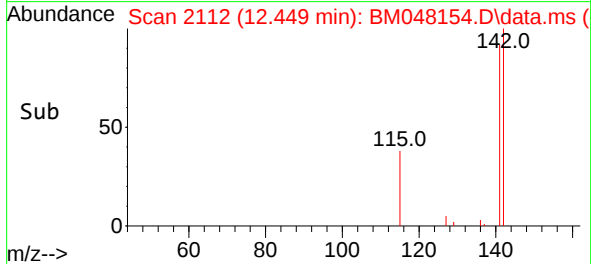
Instrument :
BNA_M
ClientSampleId :
E27G6



Tgt Ion:142 Resp: 283
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6

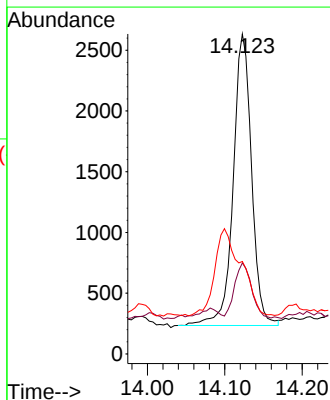
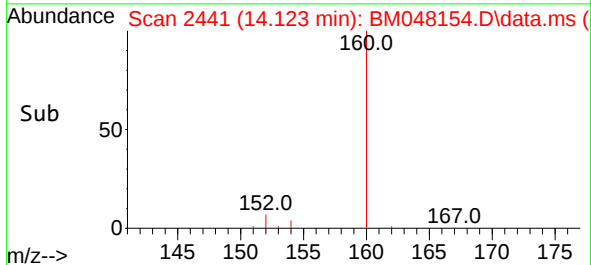
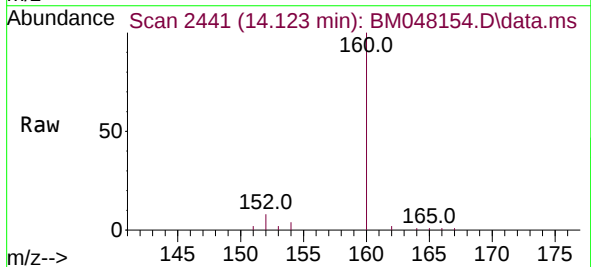
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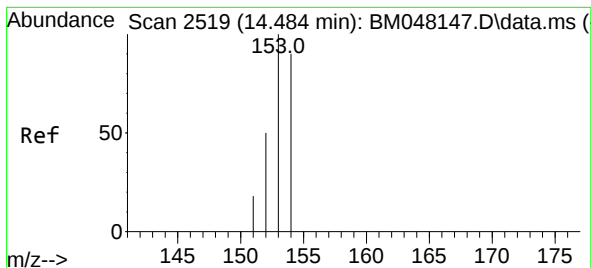
Reviewed By :Yogesh Patel 10/22/2024
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#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.022 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

Tgt Ion:152 Resp: 3966
Ion Ratio Lower Upper
152 100
151 28.4 16.2 24.4#
153 28.9 11.7 17.5#





#11

Acenaphthene

Concen: 0.103 ng/ul

RT: 14.465 min Scan# 2515

Delta R.T. -0.017 min

Lab File: BM048154.D

Acq: 21 Oct 2024 14:35

Instrument :

BNA_M

ClientSampleId :

E27G6

Tgt Ion:153 Resp: 444

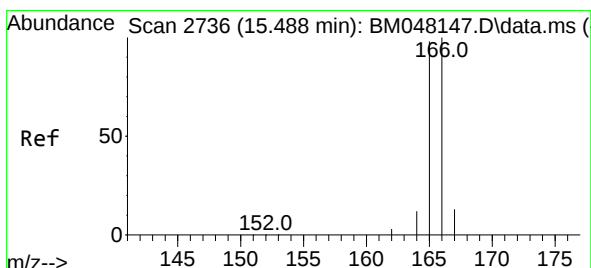
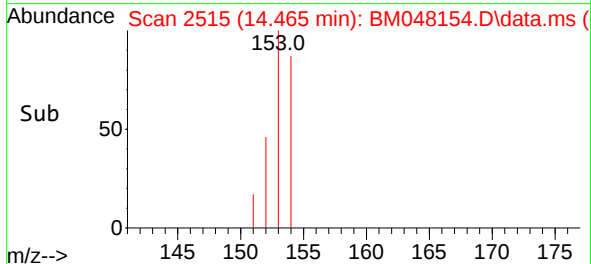
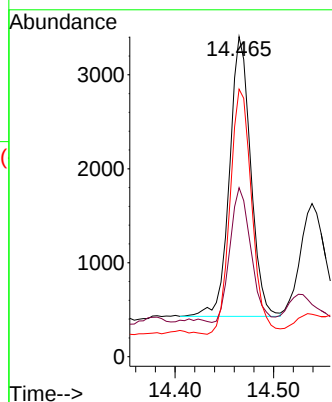
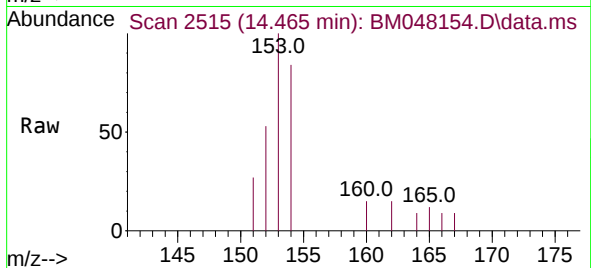
Ion	Ratio	Lower	Upper
153	100		
152	52.8	40.9	61.3
154	83.6	71.0	106.4

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#12

Fluorene

Concen: 0.076 ng/ul

RT: 15.450 min Scan# 2728

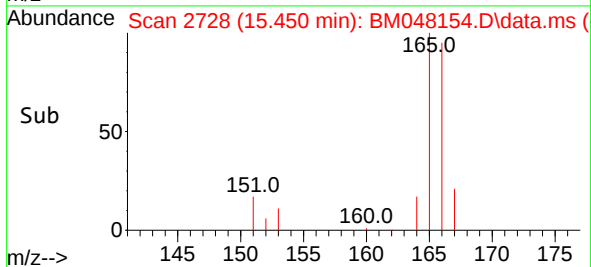
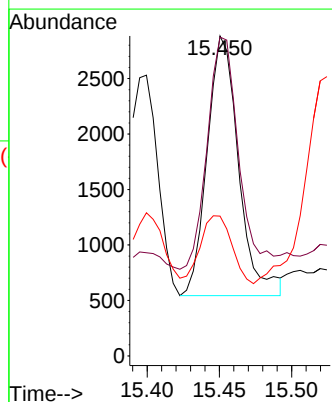
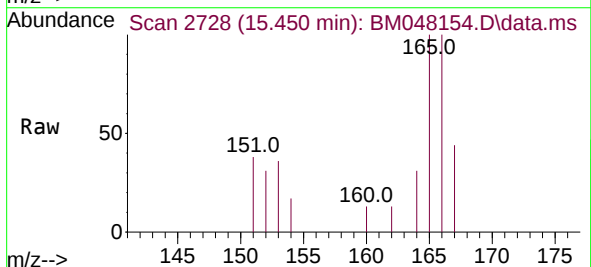
Delta R.T. -0.031 min

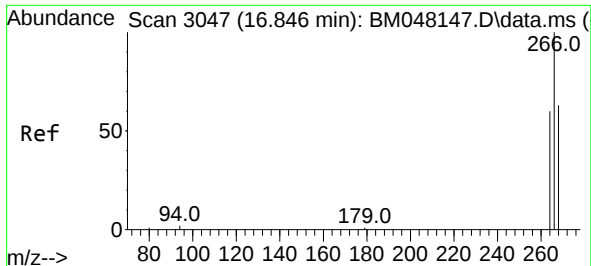
Lab File: BM048154.D

Acq: 21 Oct 2024 14:35

Tgt Ion:166 Resp: 3531

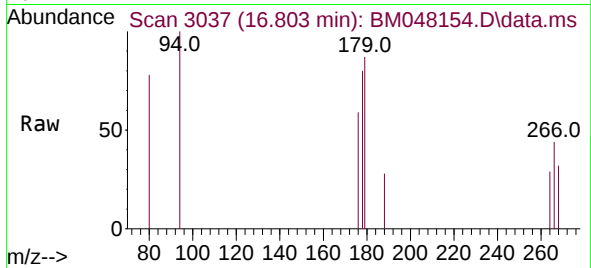
Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.1	118.7
167	43.7	12.0	18.0





#14
Pentachlorophenol
Concen: 0.124 ng/ul m
RT: 16.803 min Scan# 3047
Delta R.T. -0.037 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

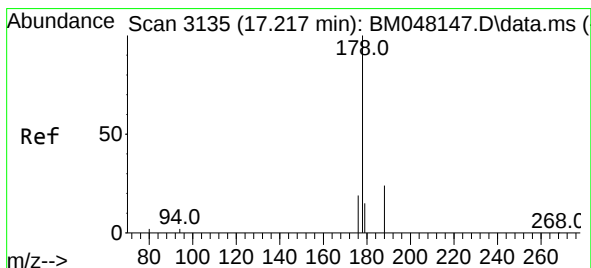
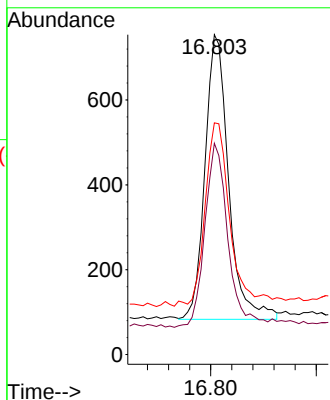
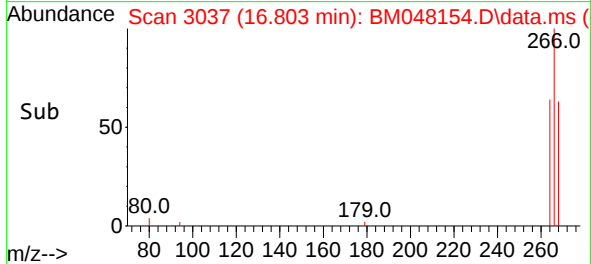
Instrument :
BNA_M
ClientSampleId :
E27G6



Tgt Ion:266 Resp: 104
Ion Ratio Lower Upper
266 100
264 3.0 50.2 75.2
268 0.0 51.8 77.6

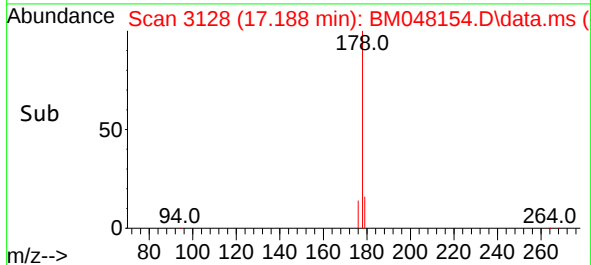
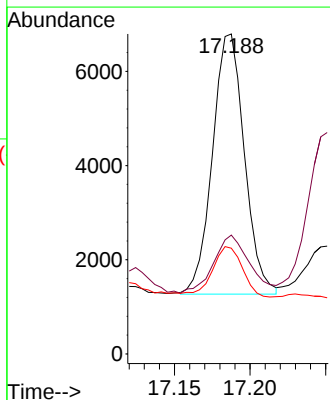
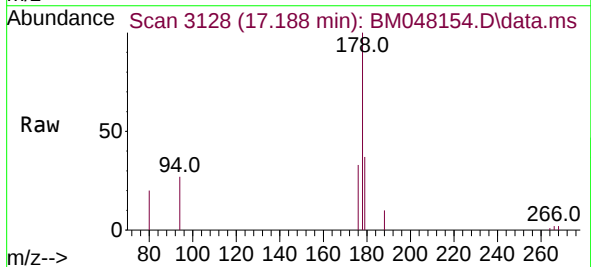
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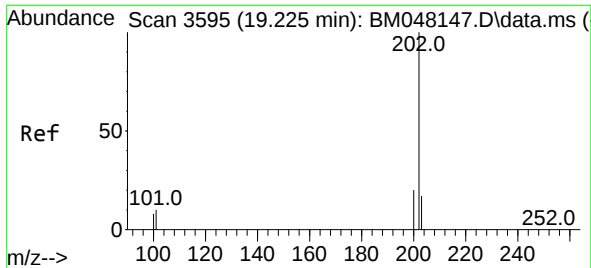
Reviewed By :Yogesh Patel 10/22/2024
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#15
Phenanthrene
Concen: 0.128 ng/ul m
RT: 17.188 min Scan# 3128
Delta R.T. -0.028 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

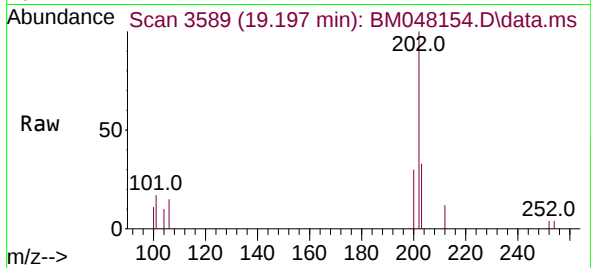
Tgt Ion:178 Resp: 8123
Ion Ratio Lower Upper
178 100
179 37.1 13.2 19.8#
176 33.1 16.0 24.0#





#19
Fluoranthene
Concen: 0.212 ng/ul
RT: 19.197 min Scan# 3589
Delta R.T. -0.022 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

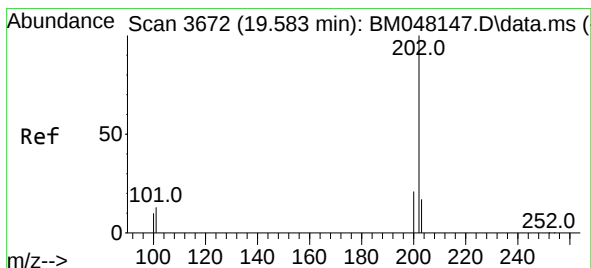
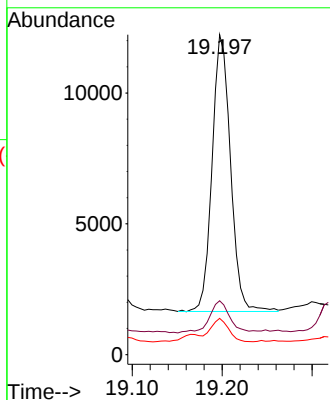
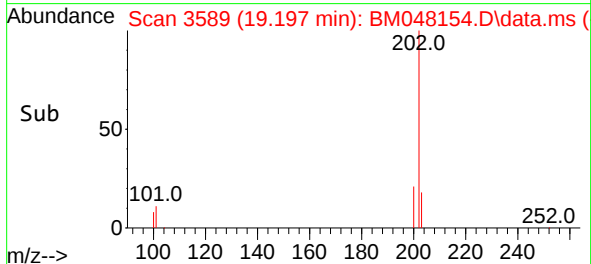
Instrument :
BNA_M
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Tgt Ion:202 Resp: 15049
Ion Ratio Lower Upper
202 100
101 16.8 9.3 13.9#
100 11.4 7.1 10.7#

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#20
Pyrene
Concen: 0.118 ng/ul m
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048154.D
Acq: 21 Oct 2024 14:35

Tgt Ion:202 Resp: 8996
Ion Ratio Lower Upper
202 100
101 20.5 10.6 16.0#
100 14.7 8.1 12.1#

