

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048155.D
 Acq On : 21 Oct 2024 15:12
 Operator : RC/JU
 Sample : P4389-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H1

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 15:47:02 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	7463	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.557	136	23004	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	15884	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.145	188	26066m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	19593m	0.400	ng/ul	-0.02
23) Perylene-d12	23.574	264	17565m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	38961	3.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	11959	0.373	ng/ul	-0.05
18) Fluoranthene-d10	19.169	212	24217	0.425	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.607	128	10370	0.166	ng/ul	97
7) 2-Methylnaphthalene	12.223	142	12481	0.349	ng/ul	98
8) 1-Methylnaphthalene	12.443	142	18649	0.453	ng/ul	97
10) Acenaphthylene	14.123	152	2367	0.032	ng/ul#	51
11) Acenaphthene	14.465	153	7319	0.140	ng/ul	98
12) Fluorene	15.450	166	3326	0.059	ng/ul#	85
14) Pentachlorophenol	16.808	266	472m	0.054	ng/ul	
15) Phenanthrene	17.183	178	8337m	0.127	ng/ul	
19) Fluoranthene	19.197	202	5864	0.076	ng/ul#	72
20) Pyrene	19.560	202	3193	0.039	ng/ul#	64

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

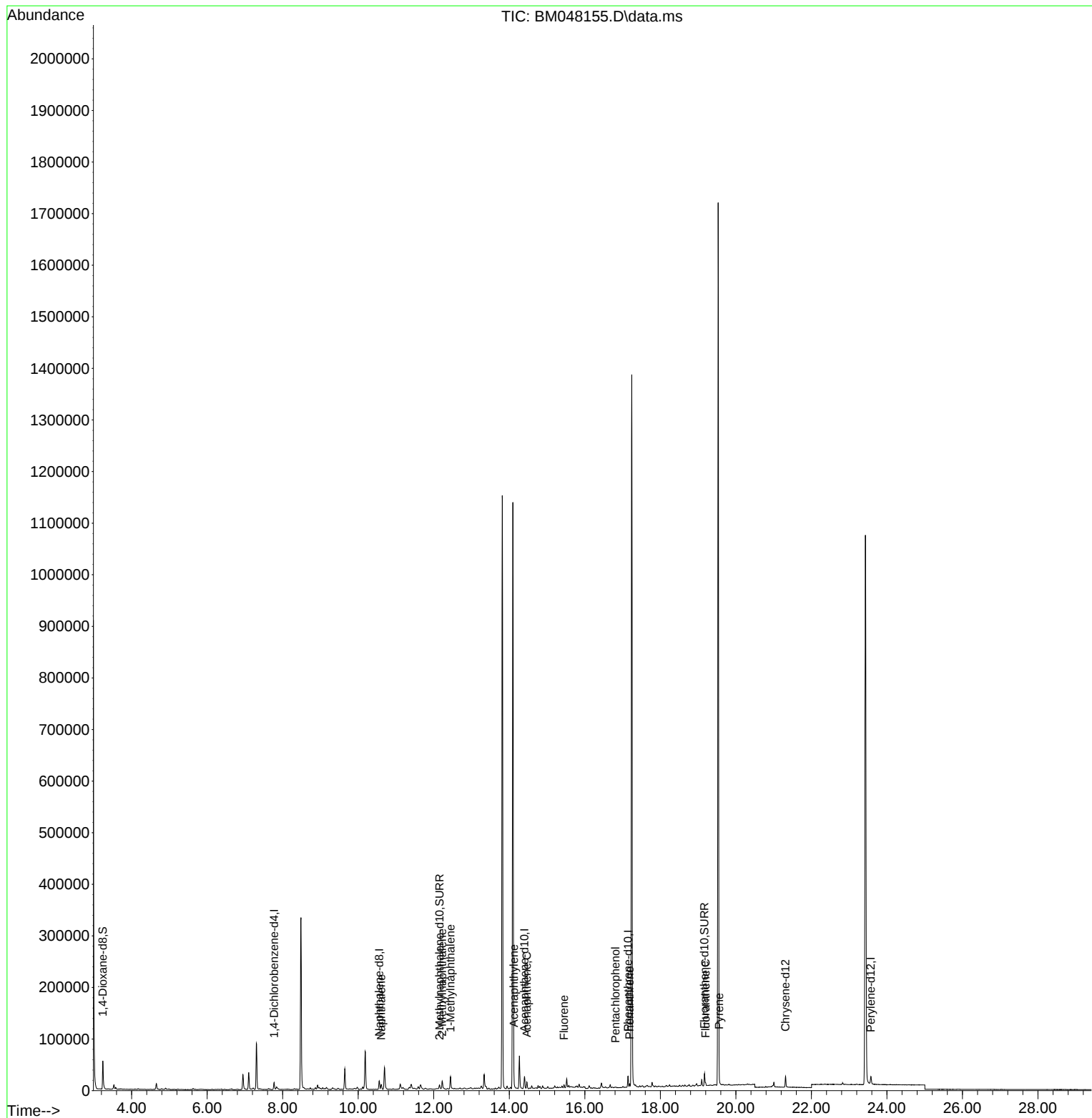
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048155.D
Acq On : 21 Oct 2024 15:12
Operator : RC/JU
Sample : P4389-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

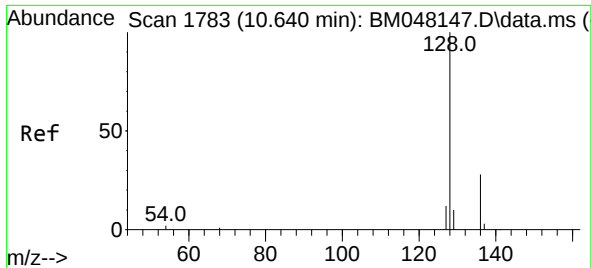
Instrument :
BNA_M
ClientSampleId :
E27H1

Quant Time: Oct 21 15:47:02 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

Manual Integrations
APPROVED

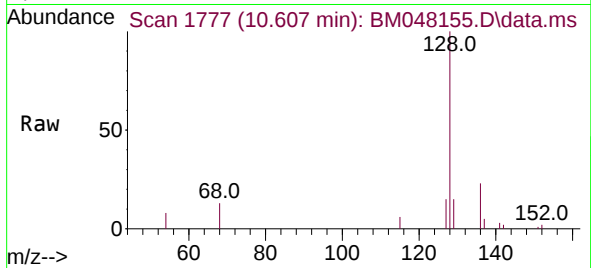
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024





#5
Naphthalene
Concen: 0.166 ng/ul
RT: 10.607 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12

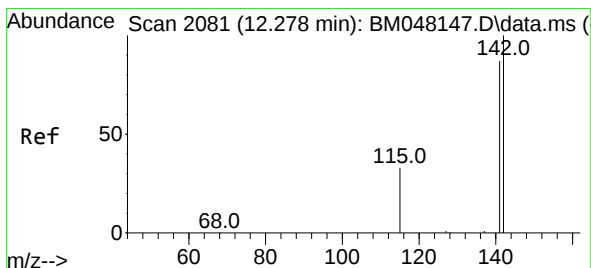
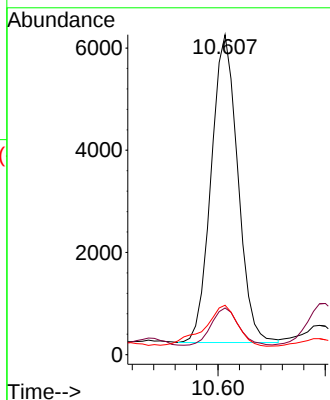
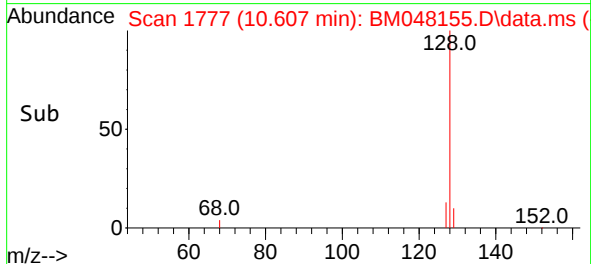
Instrument :
BNA_M
ClientSampleId :
E27H1



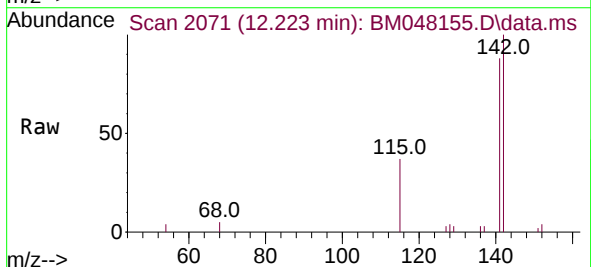
Tgt Ion:128 Resp: 10370
Ion Ratio Lower Upper
128 100
129 14.6 10.6 15.8
127 15.5 11.3 16.9

Manual Integrations
APPROVED

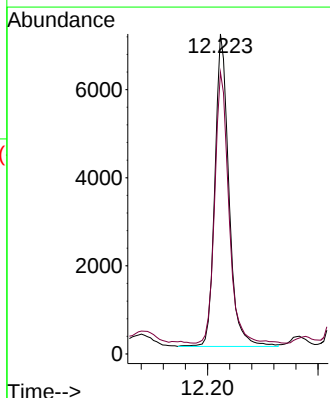
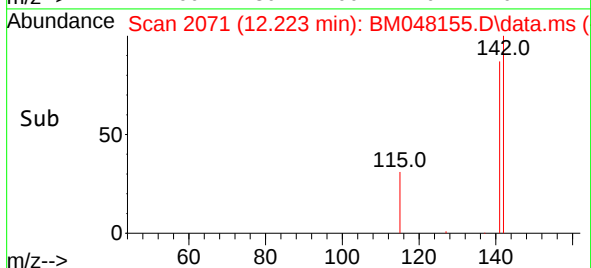
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

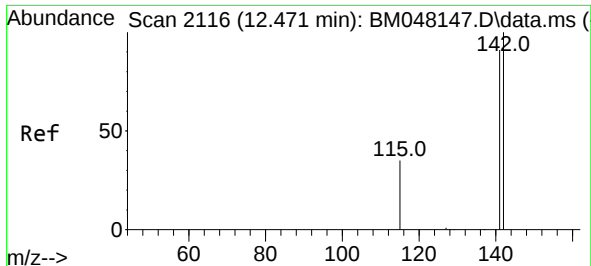


#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.048 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12



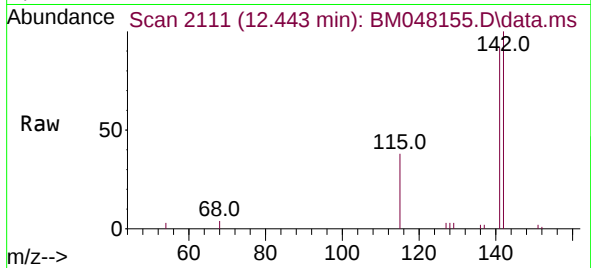
Tgt Ion:142 Resp: 12481
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.026 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12

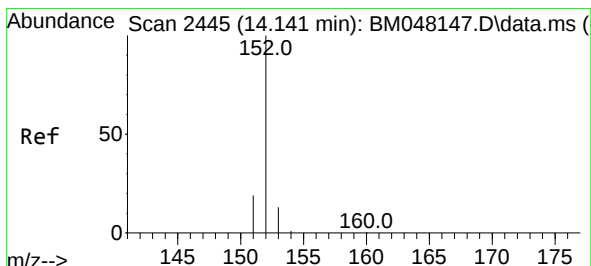
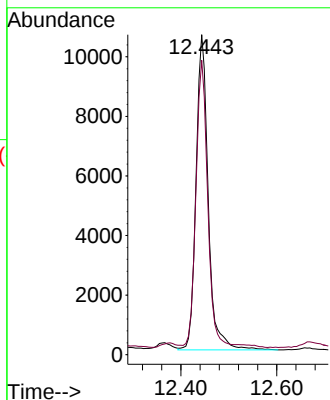
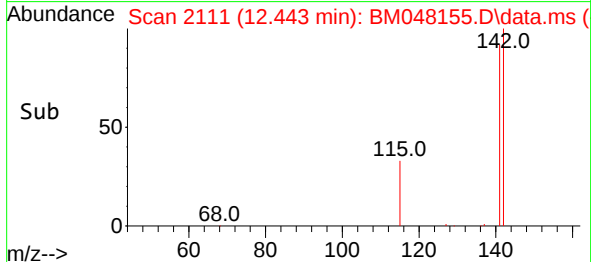
Instrument :
BNA_M
ClientSampleId :
E27H1



Tgt Ion:142 Resp: 18649
Ion Ratio Lower Upper
142 100
141 89.0 73.8 110.6

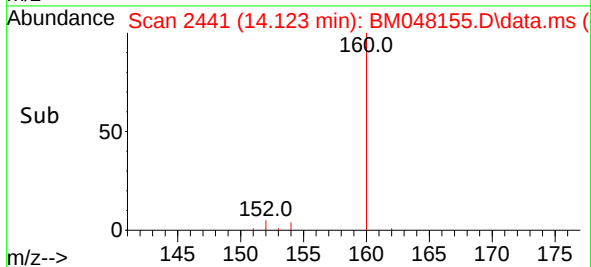
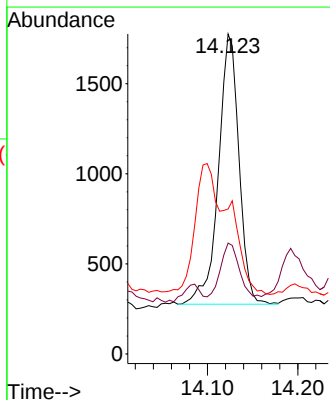
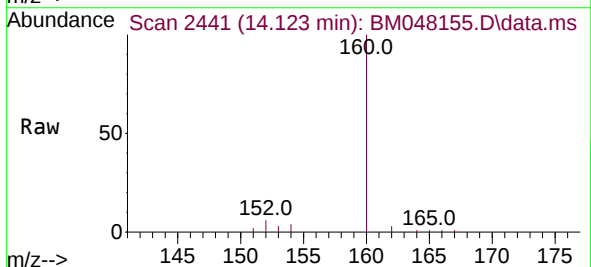
Manual Integrations
APPROVED

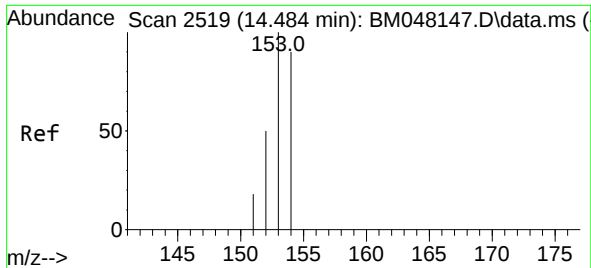
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.022 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12

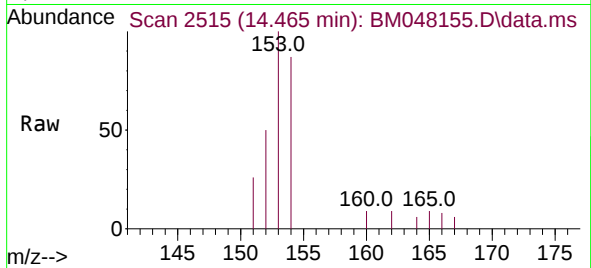
Tgt Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
151 34.7 16.2 24.4#
153 45.3 11.7 17.5#





#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.465 min Scan# 2519
Delta R.T. -0.017 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12

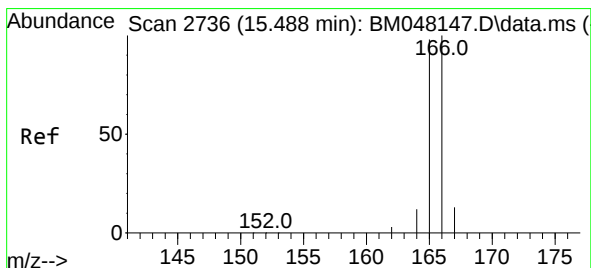
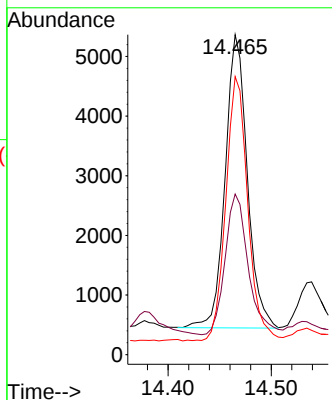
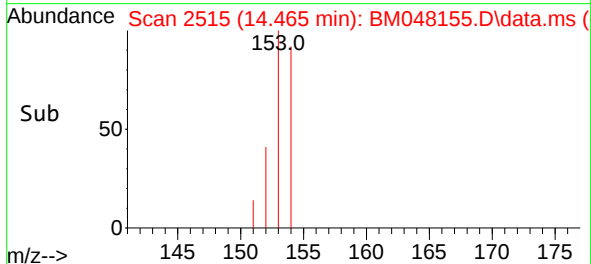
Instrument :
BNA_M
ClientSampleId :
E27H1



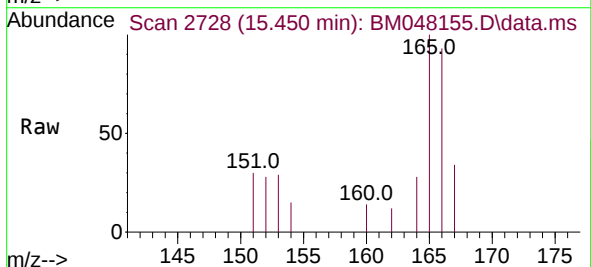
Tgt Ion:153 Resp: 7319
Ion Ratio Lower Upper
153 100
152 50.2 40.9 61.3
154 86.9 71.0 106.4

Manual Integrations
APPROVED

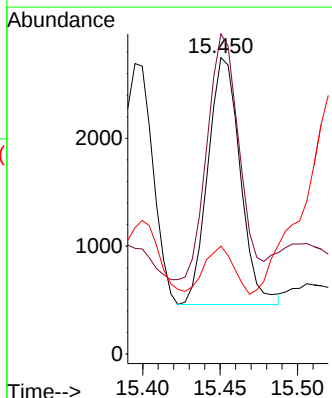
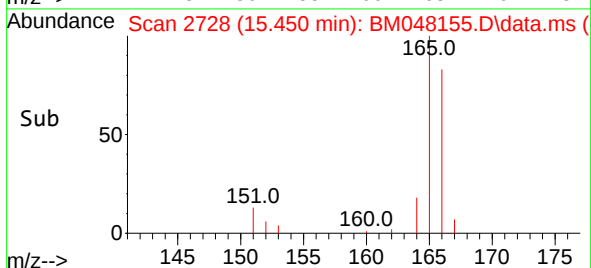
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

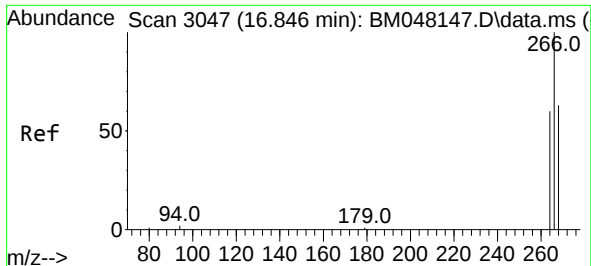


#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12



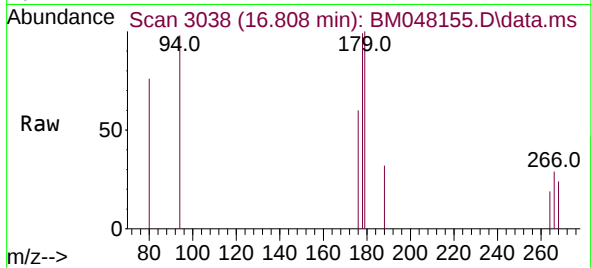
Tgt Ion:166 Resp: 3326
Ion Ratio Lower Upper
166 100
165 108.0 79.1 118.7
167 36.4 12.0 18.0#





#14
Pentachlorophenol
Concen: 0.054 ng/ul m
RT: 16.808 min Scan# 3047
Delta R.T. -0.033 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12

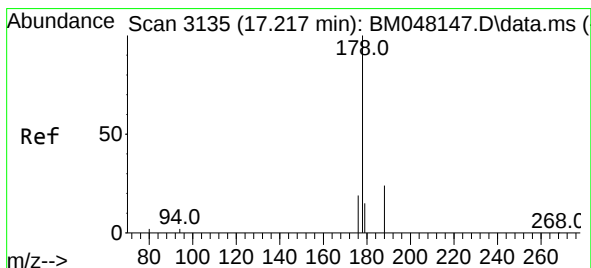
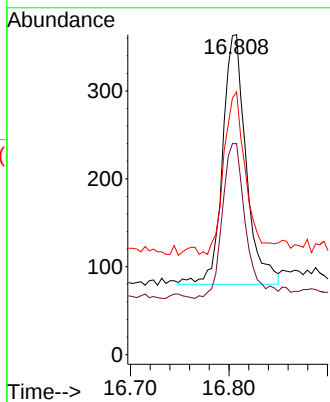
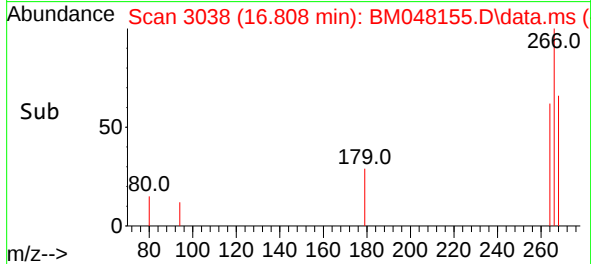
Instrument :
BNA_M
ClientSampleId :
E27H1



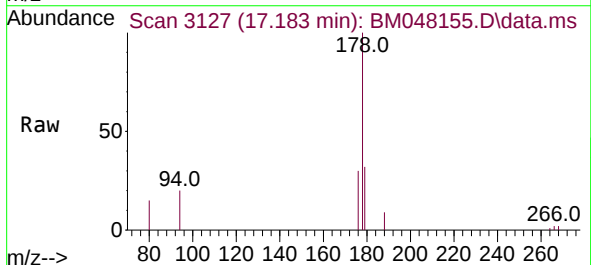
Tgt Ion:266 Resp: 472
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2#
268 1.7 51.8 77.6#

Manual Integrations
APPROVED

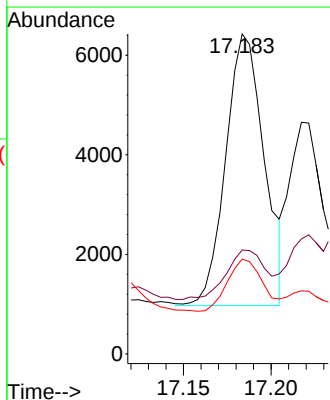
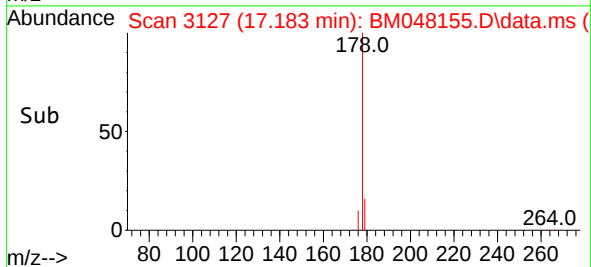
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

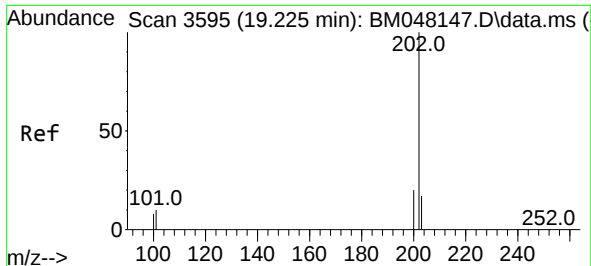


#15
Phenanthrene
Concen: 0.127 ng/ul m
RT: 17.183 min Scan# 3127
Delta R.T. -0.033 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12



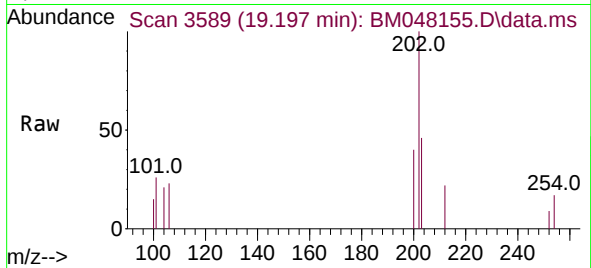
Tgt Ion:178 Resp: 8337
Ion Ratio Lower Upper
178 100
179 32.5 13.2 19.8#
176 29.7 16.0 24.0#





#19
Fluoranthene
Concen: 0.076 ng/u1
RT: 19.197 min Scan# 3589
Delta R.T. -0.022 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12

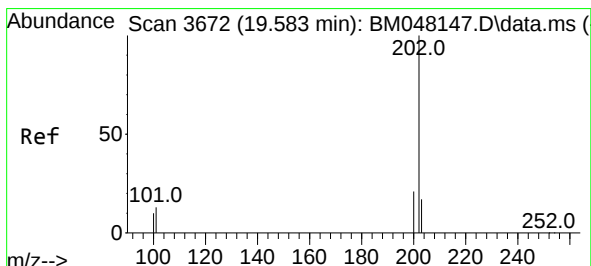
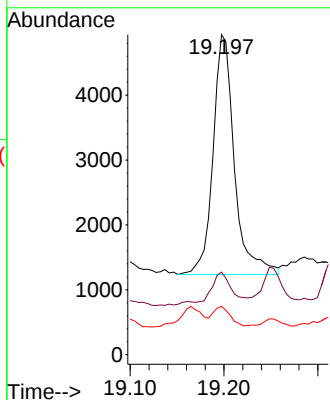
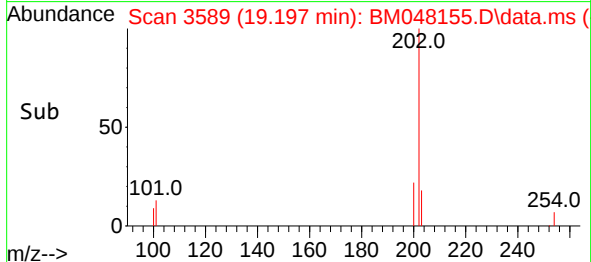
Instrument :
BNA_M
ClientSampleId :
E27H1



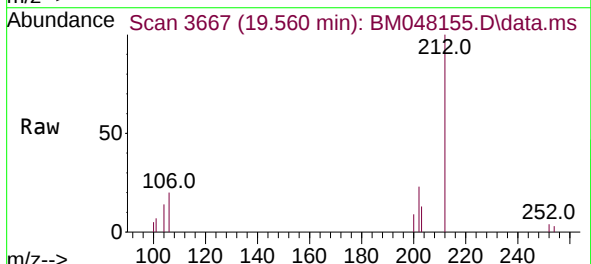
Tgt Ion:202 Resp: 5864
Ion Ratio Lower Upper
202 100
101 25.8 9.3 13.9#
100 15.1 7.1 10.7#

Manual Integrations
APPROVED

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



#20
Pyrene
Concen: 0.039 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048155.D
Acq: 21 Oct 2024 15:12



Tgt Ion:202 Resp: 3193
Ion Ratio Lower Upper
202 100
101 30.5 10.6 16.0#
100 20.3 8.1 12.1#

