

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048176.D
 Acq On : 22 Oct 2024 04:29
 Operator : RC/JU
 Sample : P4380-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H6

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 04:57:03 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	5818	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	18416	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.400	164	14782	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188	20266m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	15746m	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	13715m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.236	96	29003	3.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	10592	0.413	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	19561	0.427	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.601	128	2847826	56.900	ng/ul	96
7) 2-Methylnaphthalene	12.218	142	221813	7.746	ng/ul	97
8) 1-Methylnaphthalene	12.438	142	174838	5.305	ng/ul	98
10) Acenaphthylene	14.118	152	174179	2.551	ng/ul	98
11) Acenaphthene	14.461	153	51660	1.059	ng/ul	98
12) Fluorene	15.451	166	96447	1.845	ng/ul	98
14) Pentachlorophenol	16.804	266	813m	0.119	ng/ul	
15) Phenanthrene	17.184	178	244461m	4.773	ng/ul	
16) Anthracene	17.272	178	31602m	0.652	ng/ul	
19) Fluoranthene	19.197	202	55815	0.903	ng/ul	98
20) Pyrene	19.560	202	31760	0.478	ng/ul#	95

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

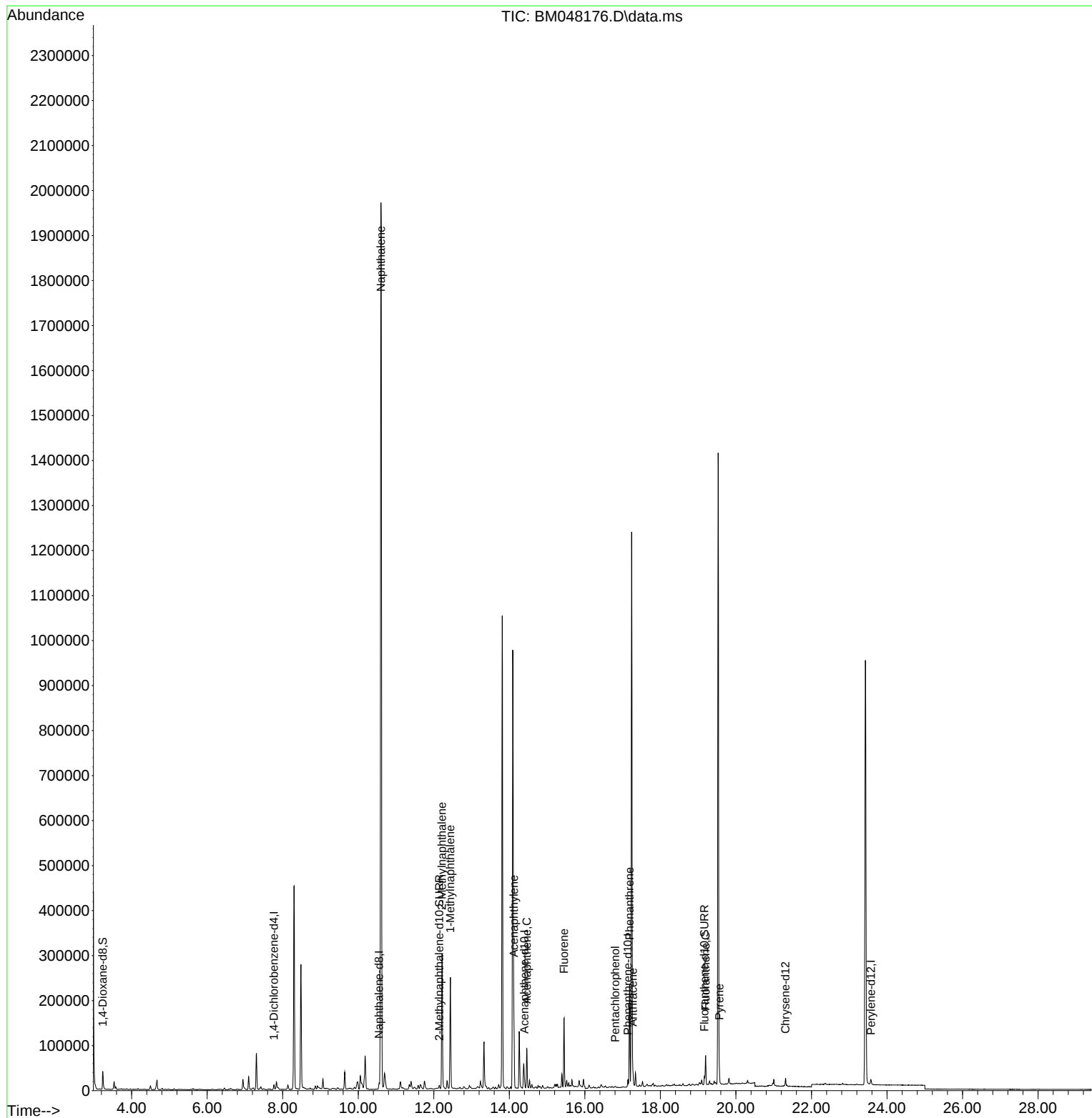
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

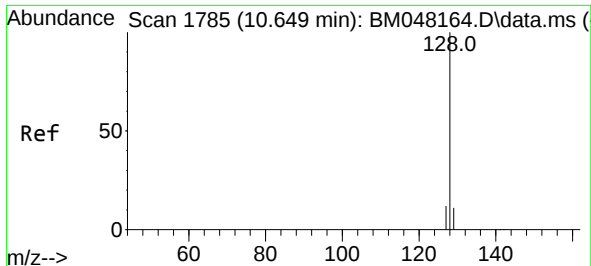
Instrument :
BNA_M
ClientSampleId :
E27H6

Manual Integrations
APPROVED

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

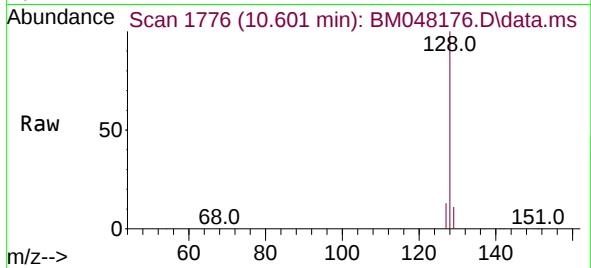
Quant Time: Oct 22 04:57:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 56.900 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.037 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

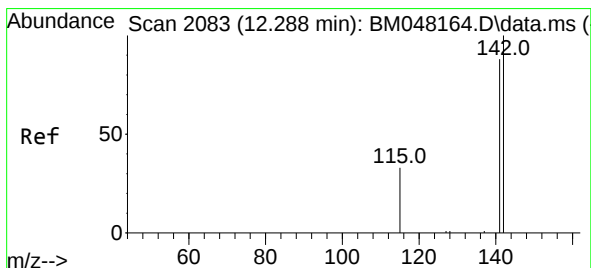
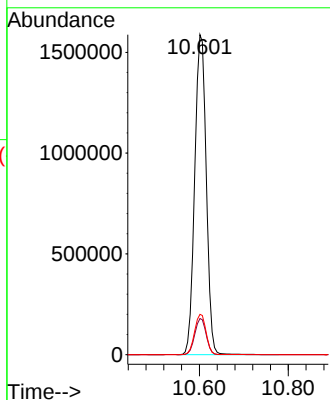
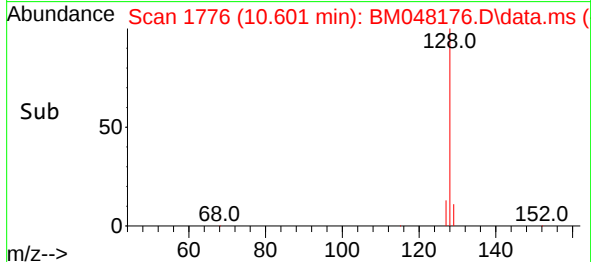
Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion:128 Resp: 2847820
Ion Ratio Lower Upper
128 100
129 11.3 10.6 15.8
127 12.6 11.3 16.9

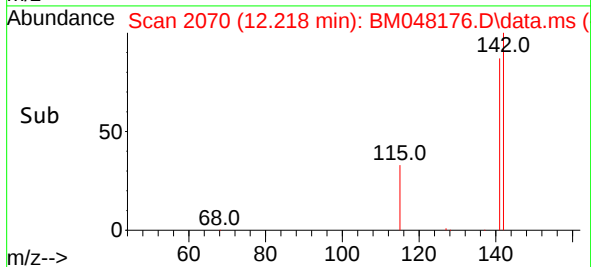
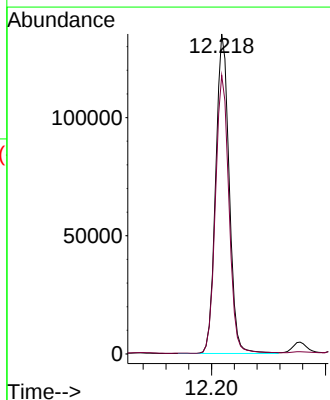
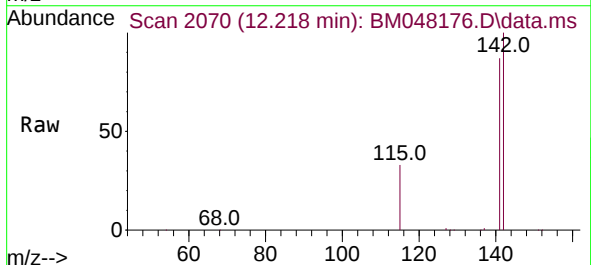
Manual Integrations
APPROVED

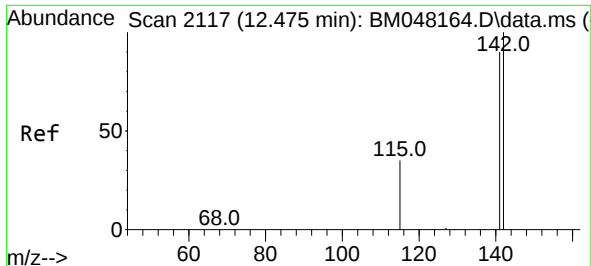
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 7.746 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.054 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

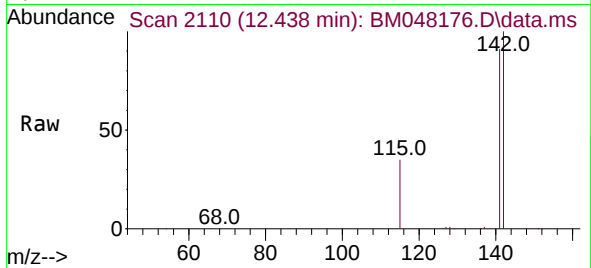
Tgt Ion:142 Resp: 221813
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 5.305 ng/ul
RT: 12.438 min Scan# 2117
Delta R.T. -0.032 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

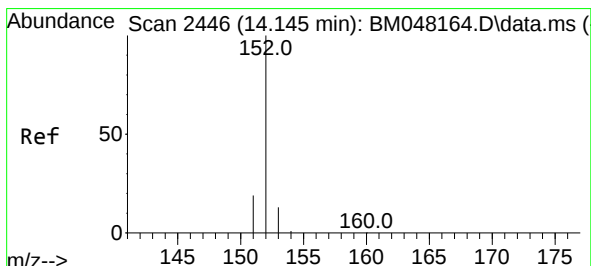
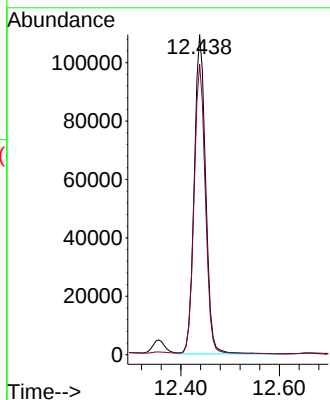
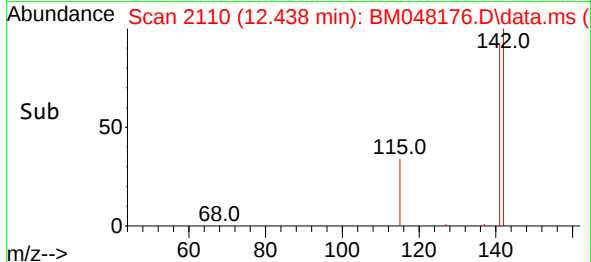
Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion:142 Resp: 174838
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.6

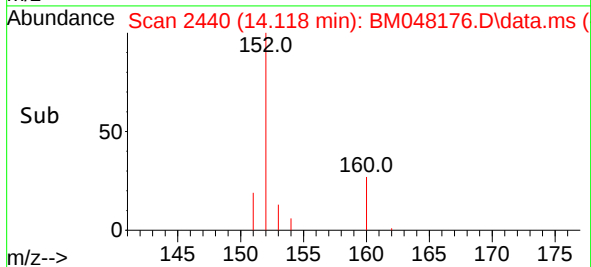
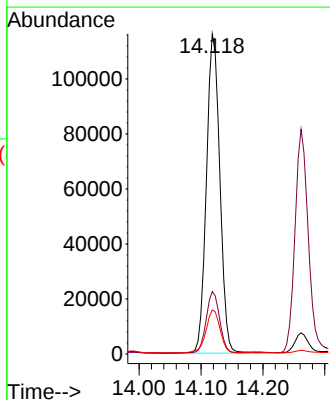
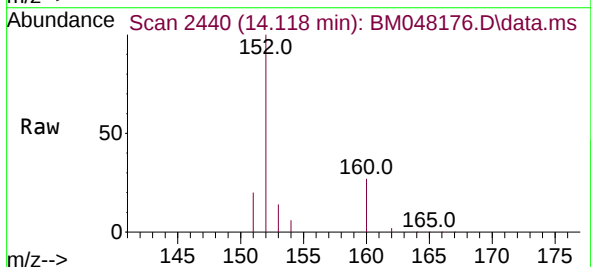
Manual Integrations
APPROVED

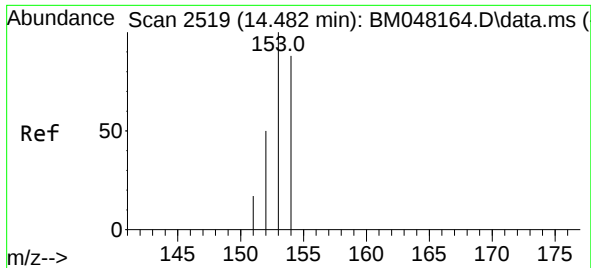
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 2.551 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.026 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

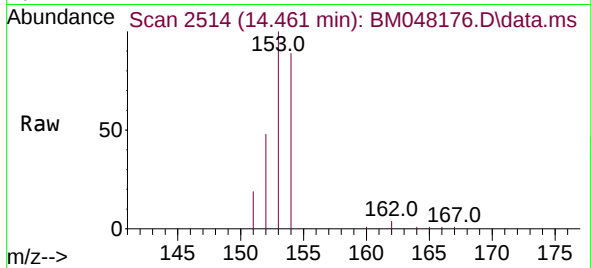
Tgt Ion:152 Resp: 174179
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.8 11.7 17.5





#11
Acenaphthene
Concen: 1.059 ng/ul
RT: 14.461 min Scan# 214
Delta R.T. -0.022 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

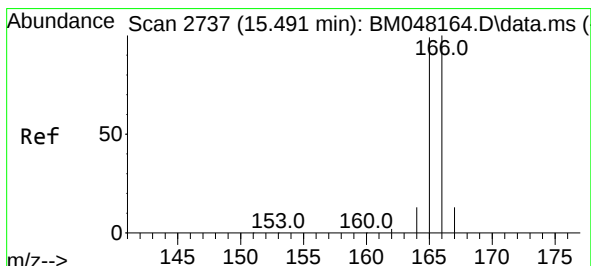
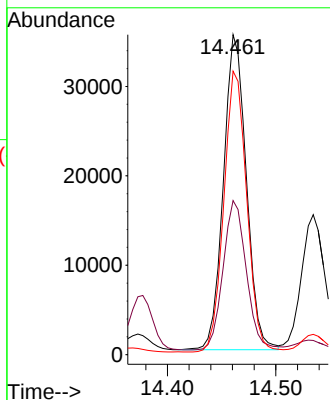
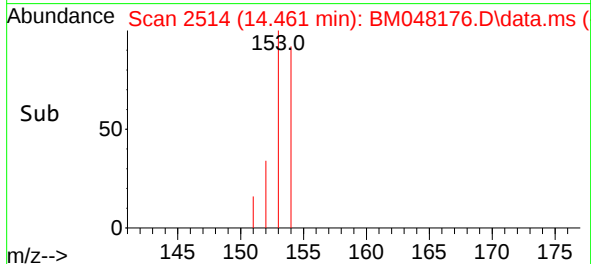
Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion:153 Resp: 51660
Ion Ratio Lower Upper
153 100
152 48.1 40.9 61.3
154 88.6 71.0 106.4

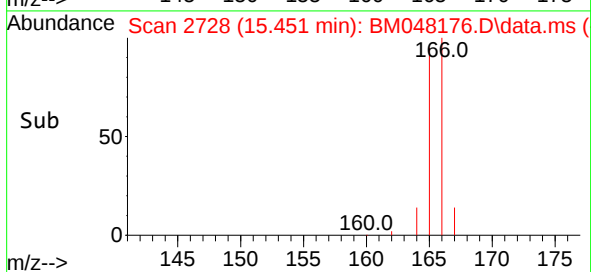
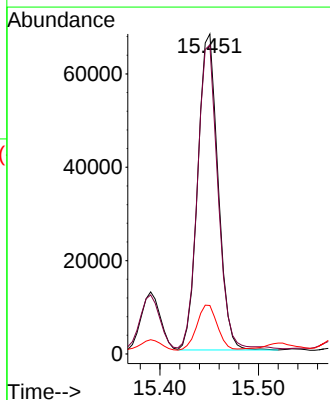
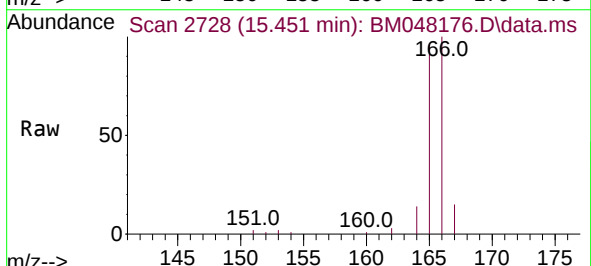
Manual Integrations
APPROVED

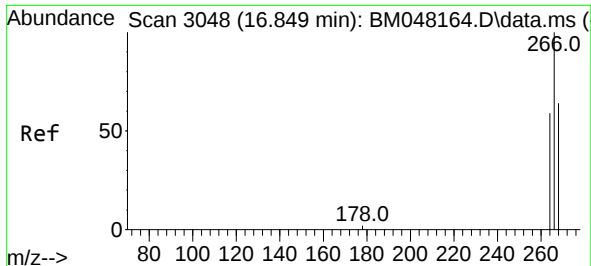
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 1.845 ng/ul
RT: 15.451 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

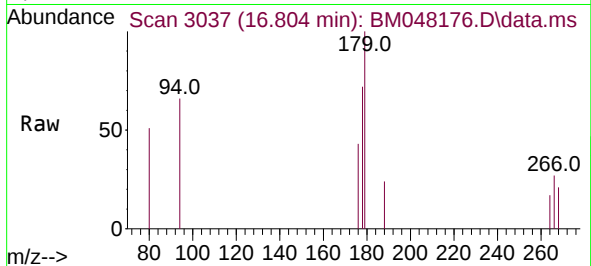
Tgt Ion:166 Resp: 96447
Ion Ratio Lower Upper
166 100
165 96.5 79.1 118.7
167 15.1 12.0 18.0





#14
Pentachlorophenol
Concen: 0.119 ng/ul m
RT: 16.804 min Scan# 3048
Delta R.T. -0.037 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

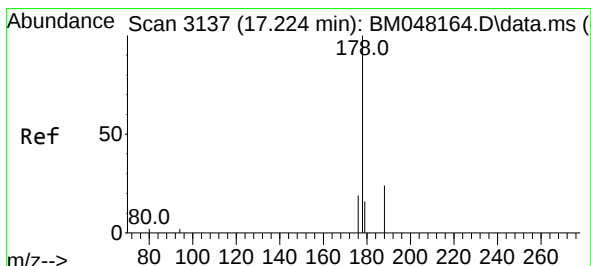
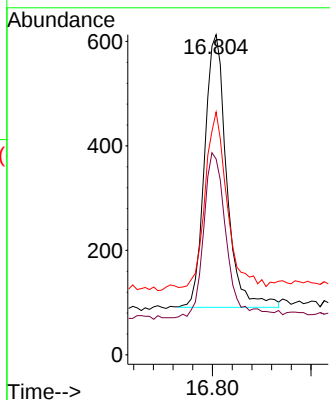
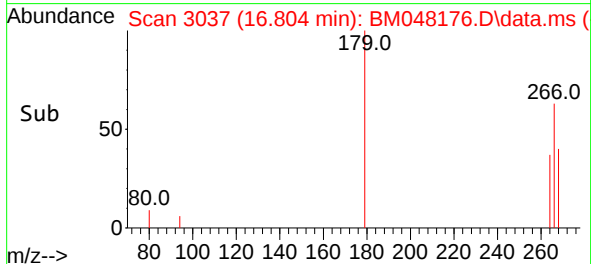
Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion:266 Resp: 811
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2
268 1.2 51.8 77.6

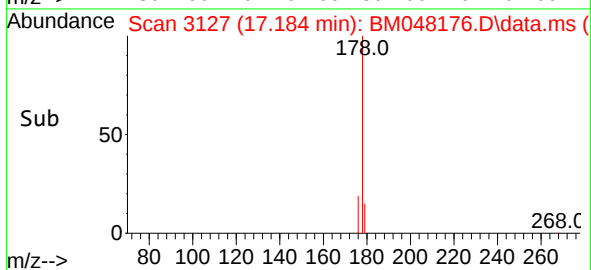
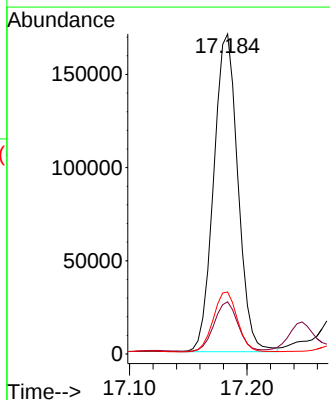
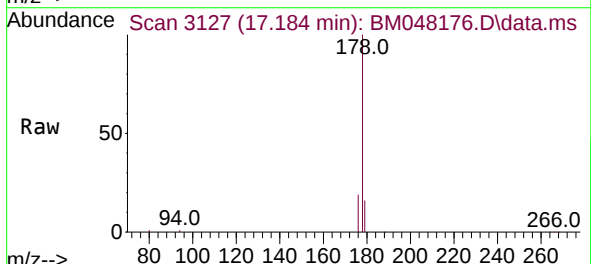
Manual Integrations
APPROVED

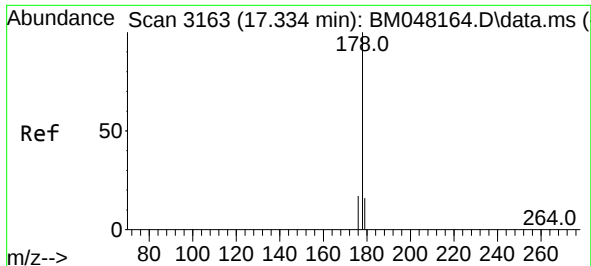
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 4.773 ng/ul m
RT: 17.184 min Scan# 3127
Delta R.T. -0.032 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

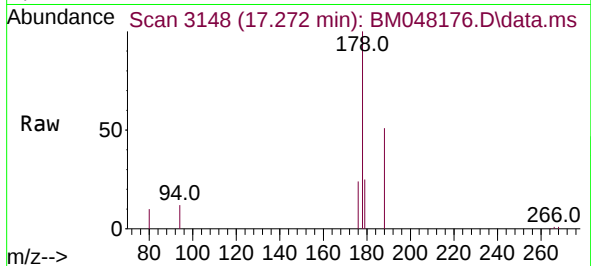
Tgt Ion:178 Resp: 244461
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 0.652 ng/ul m
 RT: 17.272 min Scan# 3160
 Delta R.T. -0.049 min
 Lab File: BM048176.D
 Acq: 22 Oct 2024 04:29

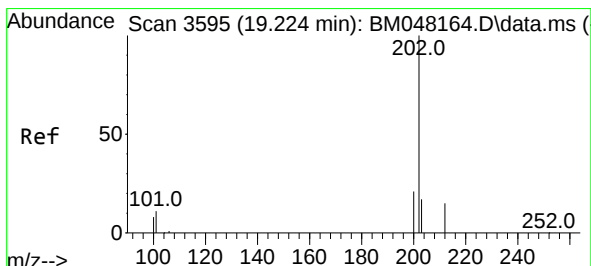
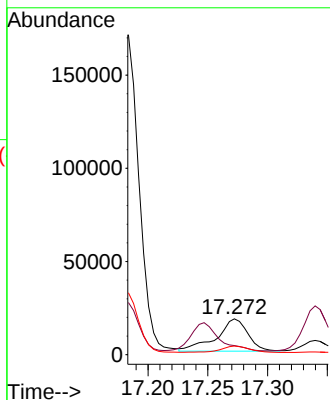
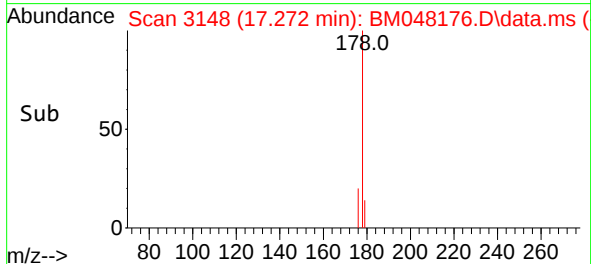
Instrument :
 BNA_M
 ClientSampleId :
 E27H6



Tgt Ion:178 Resp: 3160
 Ion Ratio Lower Upper
 178 100
 179 25.2 14.5 21.7
 176 23.9 16.0 24.0

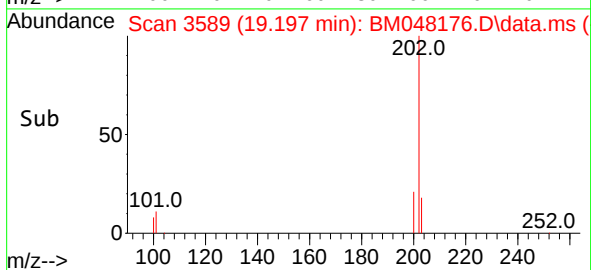
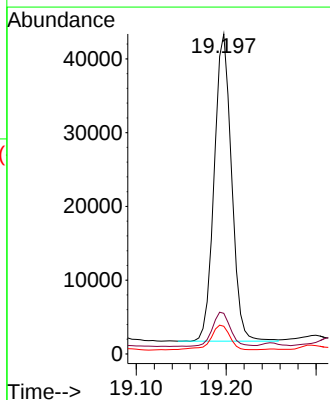
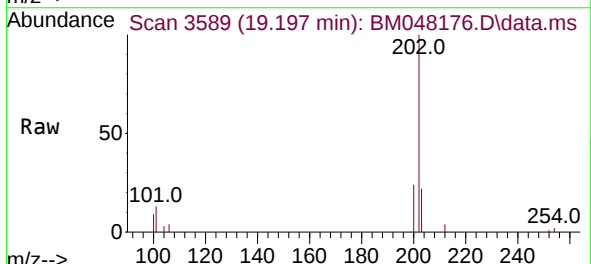
Manual Integrations
 APPROVED

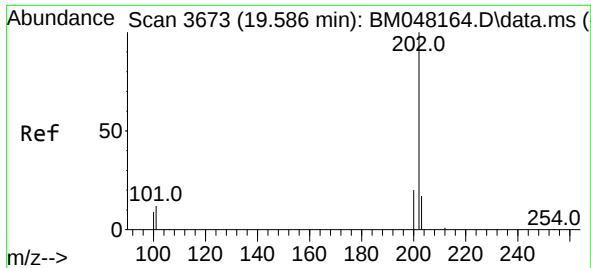
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#19
 Fluoranthene
 Concen: 0.903 ng/ul
 RT: 19.197 min Scan# 3589
 Delta R.T. -0.022 min
 Lab File: BM048176.D
 Acq: 22 Oct 2024 04:29

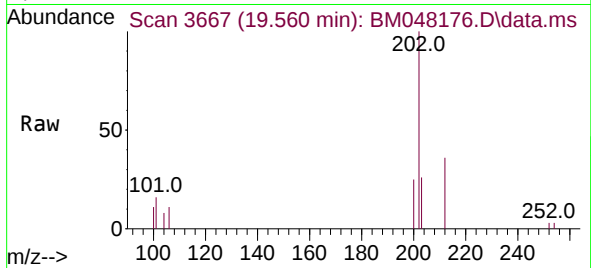
Tgt Ion:202 Resp: 55815
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.3 13.9
 100 8.6 7.1 10.7





#20
Pyrene
Concen: 0.478 ng/ul
RT: 19.560 min Scan# 30
Delta R.T. -0.022 min
Lab File: BM048176.D
Acq: 22 Oct 2024 04:29

Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion:202 Resp: 31760
Ion Ratio Lower Upper
202 100
101 16.0 10.6 16.0
100 11.2 8.1 12.1

Manual Integrations
APPROVED

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

