

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048175.D
 Acq On : 22 Oct 2024 03:52
 Operator : RC/JU
 Sample : P4380-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H5

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 04:24:55 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	6073	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.551	136	17800	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.396	164	16417	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.141	188	20938m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	15841m	0.400	ng/ul	-0.02
23) Perylene-d12	23.571	264	13367m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	28988	3.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	9807	0.395	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	21579m	0.468	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	367677	7.600	ng/ul	96
7) 2-Methylnaphthalene	12.218	142	81626	2.949	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	105555	3.314	ng/ul	97
10) Acenaphthylene	14.118	152	27872	0.368	ng/ul#	93
11) Acenaphthene	14.460	153	125041	2.307	ng/ul	98
12) Fluorene	15.450	166	60194	1.037	ng/ul	97
14) Pentachlorophenol	16.803	266	561m	0.080	ng/ul	
15) Phenanthrene	17.183	178	278882m	5.270	ng/ul	
16) Anthracene	17.272	178	33264m	0.664	ng/ul	
19) Fluoranthene	19.197	202	73268m	1.178	ng/ul	
20) Pyrene	19.560	202	40011m	0.599	ng/ul	
21) Benzo(a)anthracene	21.297	228	2379m	0.049	ng/ul	
22) Chrysene	21.350	228	3984m	0.054	ng/ul	

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

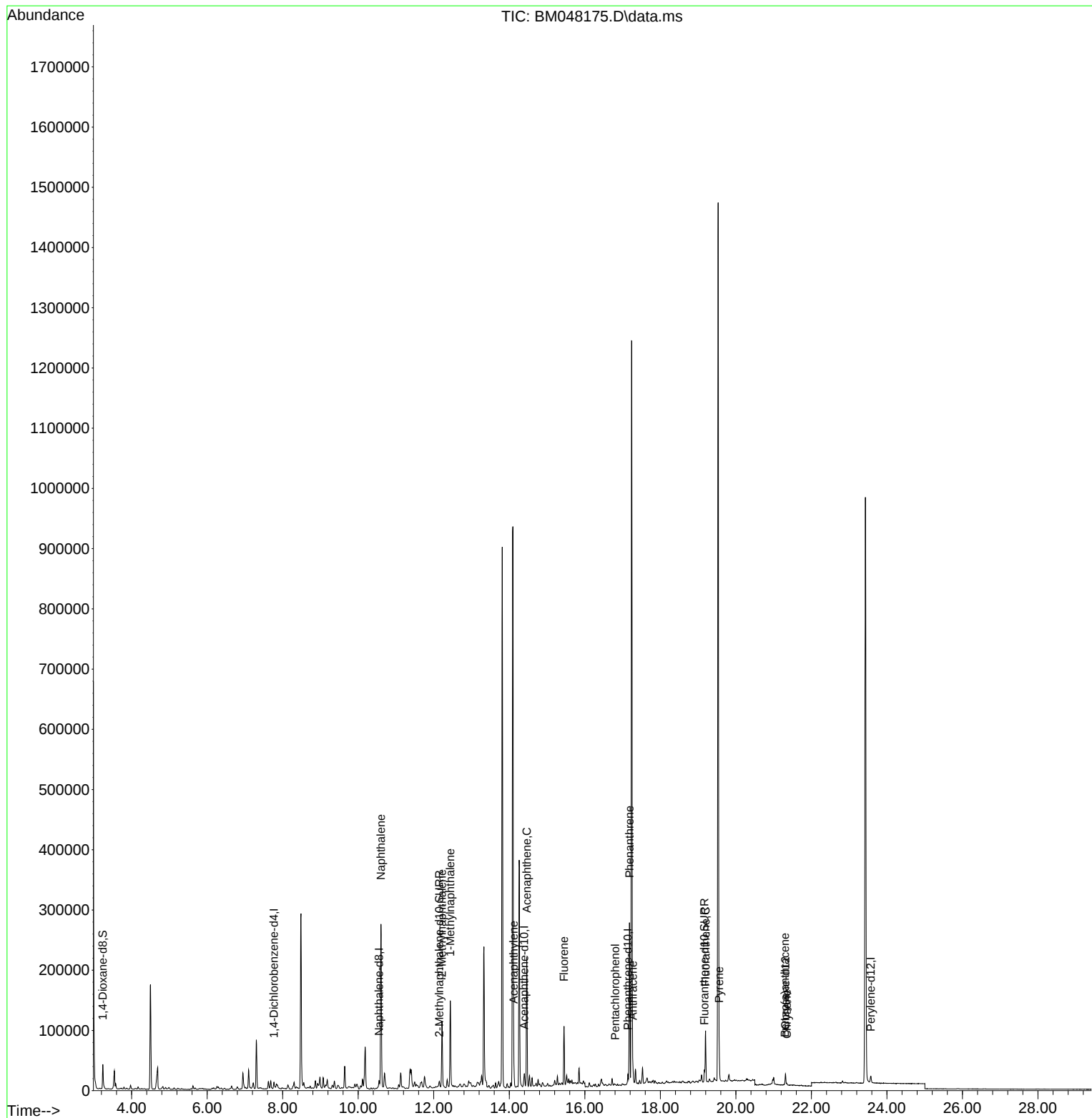
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048175.D
Acq On : 22 Oct 2024 03:52
Operator : RC/JU
Sample : P4380-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

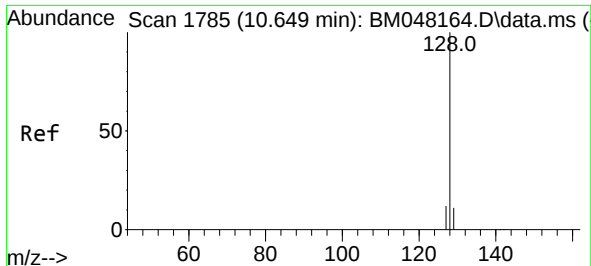
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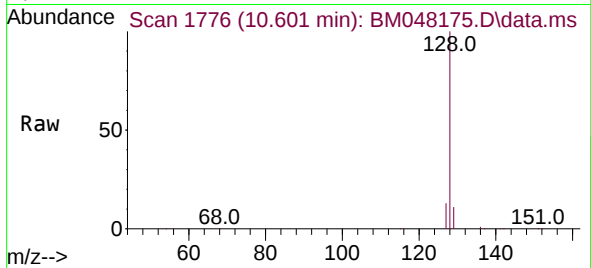
Quant Time: Oct 22 04:24:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 7.600 ng/u1
RT: 10.601 min Scan# 1776
Delta R.T. -0.037 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

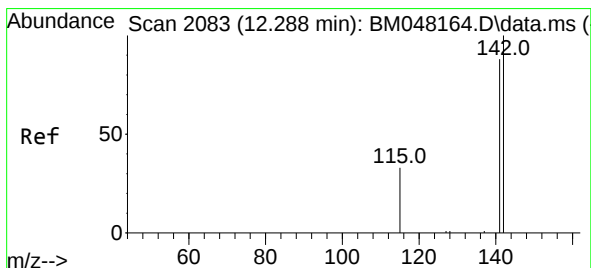
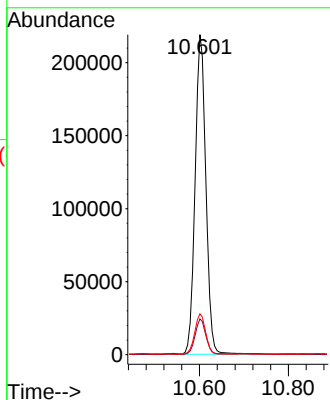
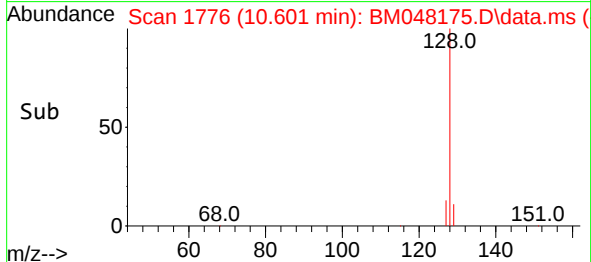
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:128 Resp: 36767
Ion Ratio Lower Upper
128 100
129 11.2 10.6 15.8
127 12.8 11.3 16.9

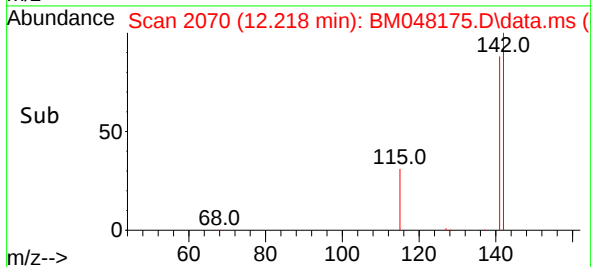
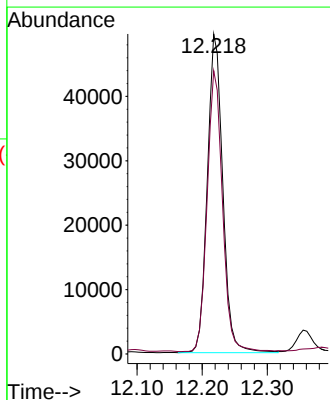
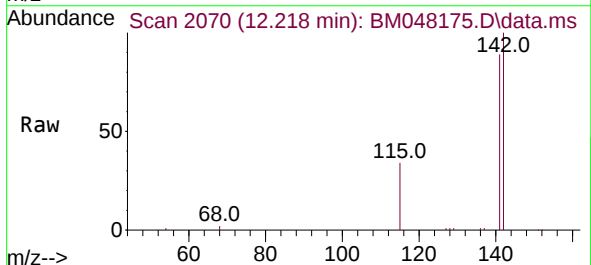
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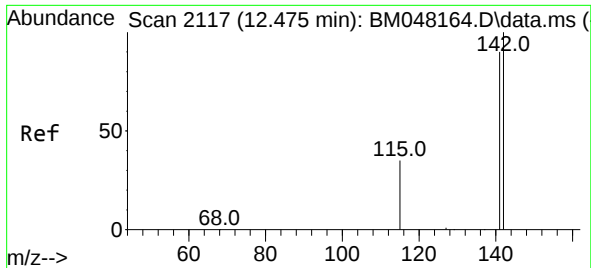
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 2.949 ng/u1
RT: 12.218 min Scan# 2070
Delta R.T. -0.054 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

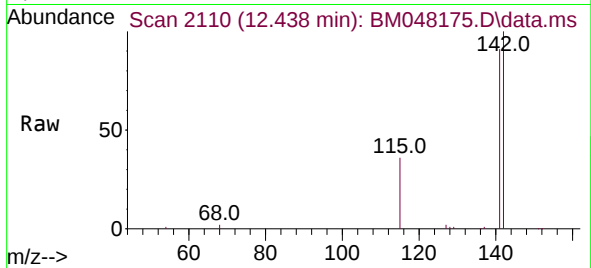
Tgt Ion:142 Resp: 81626
Ion Ratio Lower Upper
142 100
141 87.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 3.314 ng/ul
RT: 12.438 min Scan# 2117
Delta R.T. -0.032 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

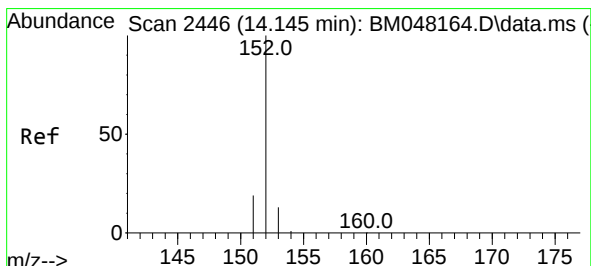
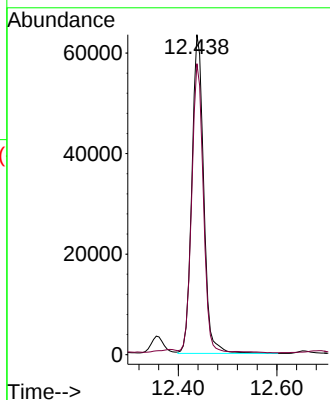
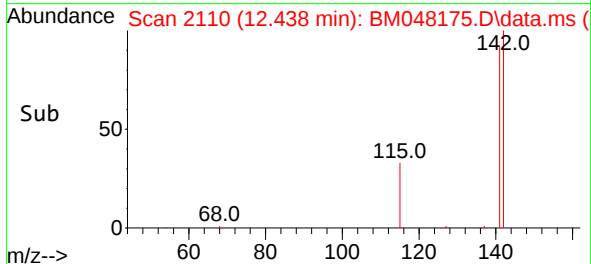
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:142 Resp: 10555
Ion Ratio Lower Upper
142 100
141 89.7 73.8 110.6

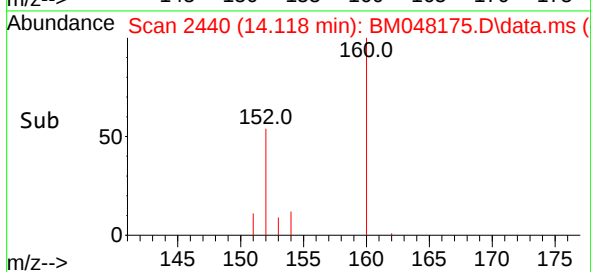
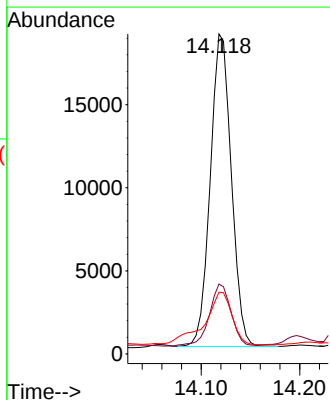
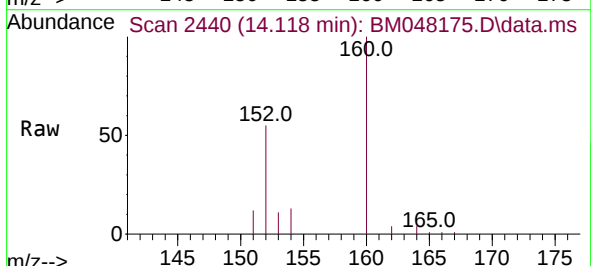
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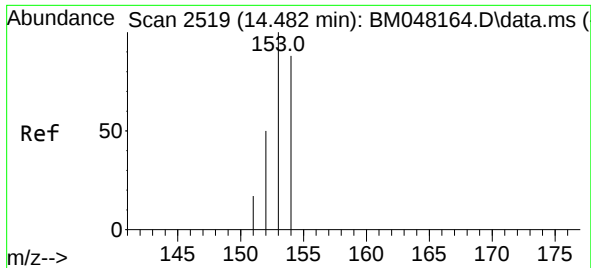
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.027 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

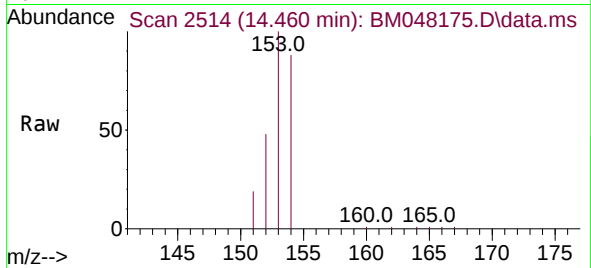
Tgt Ion:152 Resp: 27872
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 19.3 11.7 17.5#





#11
Acenaphthene
Concen: 2.307 ng/ul
RT: 14.460 min Scan# 214
Delta R.T. -0.022 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

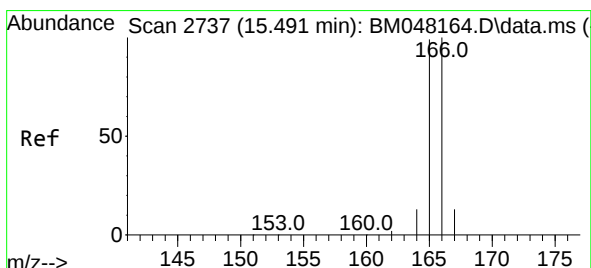
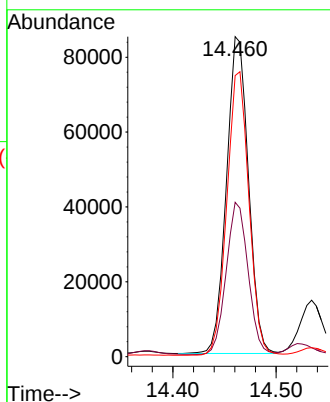
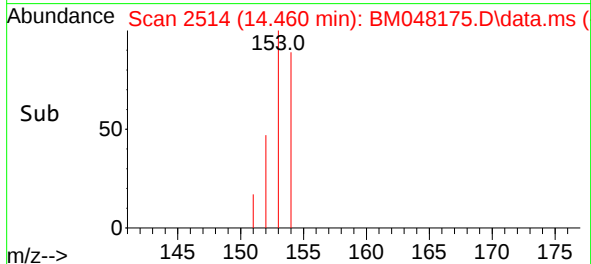
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:153 Resp: 12504
Ion Ratio Lower Upper
153 100
152 48.2 40.9 61.3
154 87.8 71.0 106.4

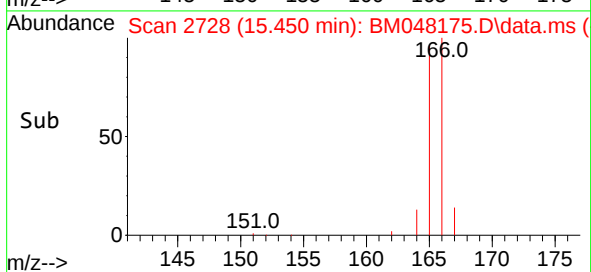
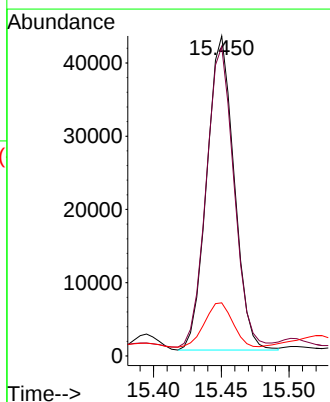
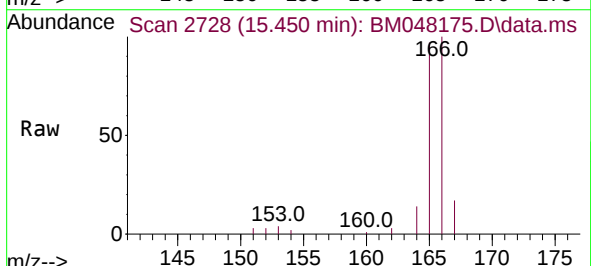
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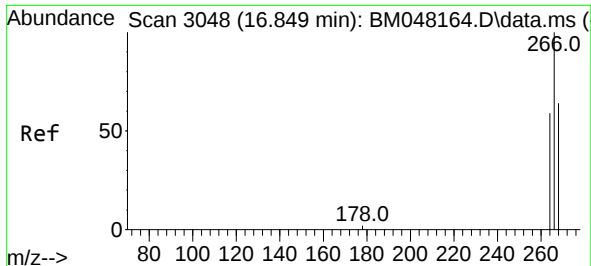
Reviewed By :Yogesh Patel 10/22/2024
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#12
Fluorene
Concen: 1.037 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

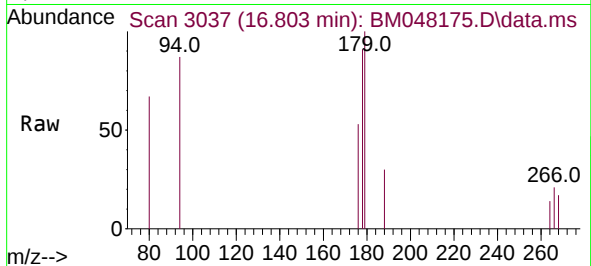
Tgt Ion:166 Resp: 60194
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 16.6 12.0 18.0





#14
Pentachlorophenol
Concen: 0.080 ng/ul m
RT: 16.803 min Scan# 3048
Delta R.T. -0.037 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

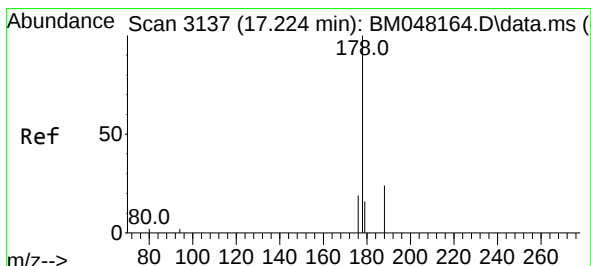
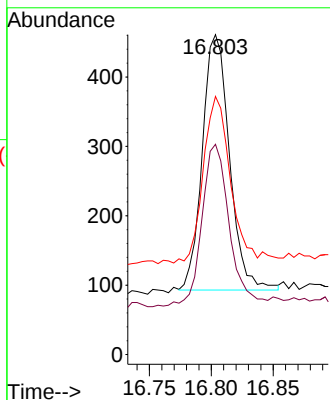
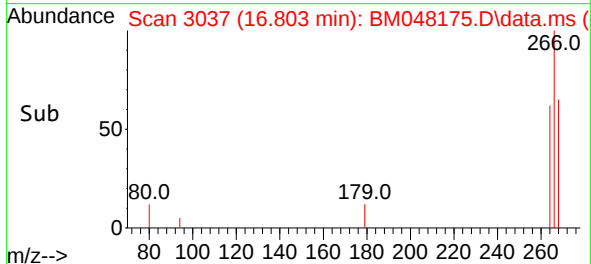
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
264 1.4 50.2 75.2
268 1.6 51.8 77.6

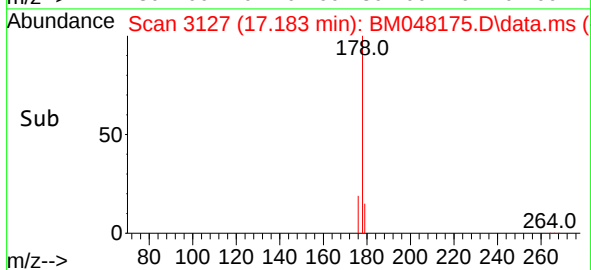
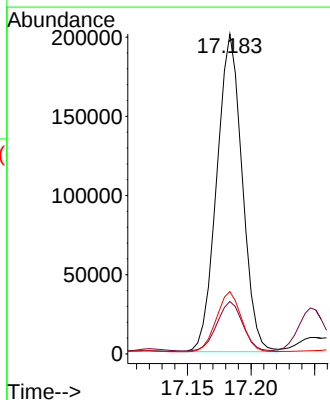
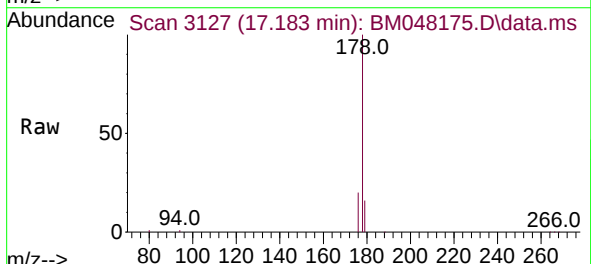
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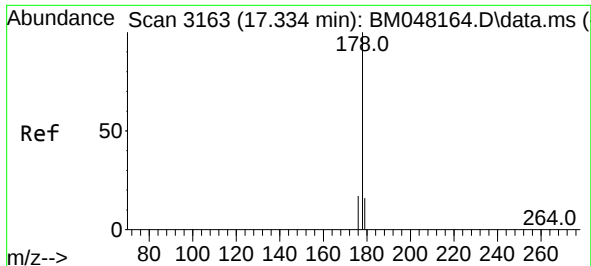
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 5.270 ng/ul m
RT: 17.183 min Scan# 3127
Delta R.T. -0.033 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

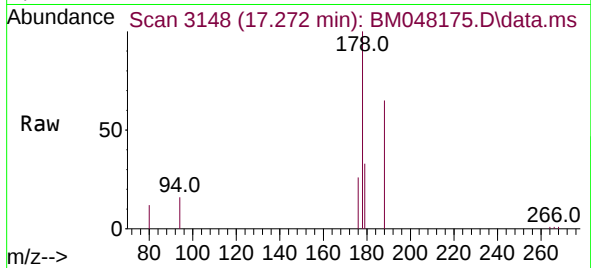
Tgt Ion:178 Resp: 278882
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 19.5 16.0 24.0





#16
 Anthracene
 Concen: 0.664 ng/ul m
 RT: 17.272 min Scan# 3163
 Delta R.T. -0.050 min
 Lab File: BM048175.D
 Acq: 22 Oct 2024 03:52

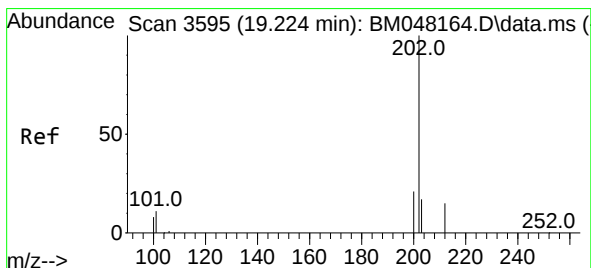
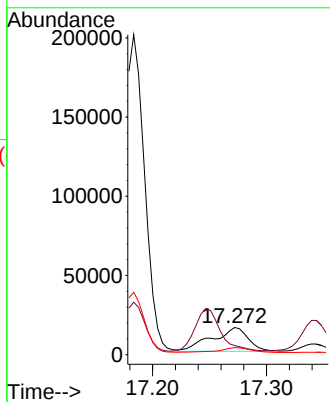
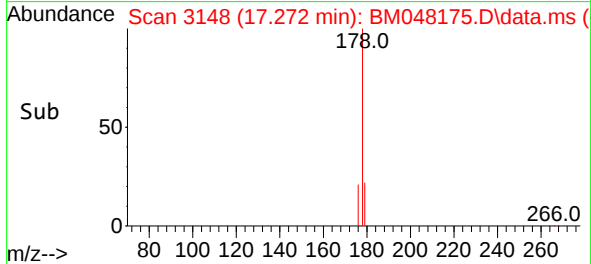
Instrument :
 BNA_M
 ClientSampleId :
 E27H5



Tgt Ion:178 Resp: 33264
 Ion Ratio Lower Upper
 178 100
 179 33.4 14.5 21.7
 176 26.1 16.0 24.0

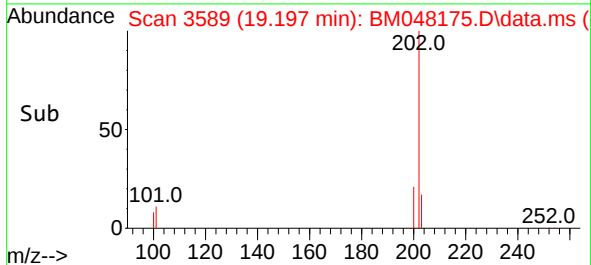
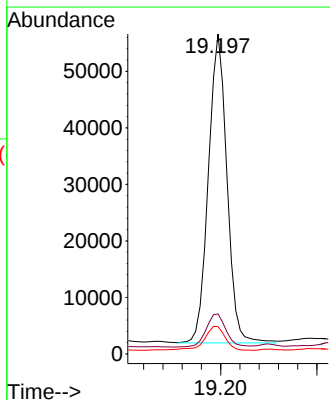
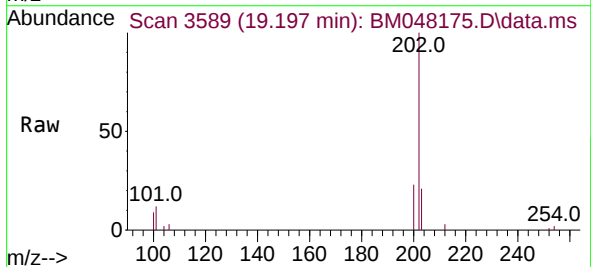
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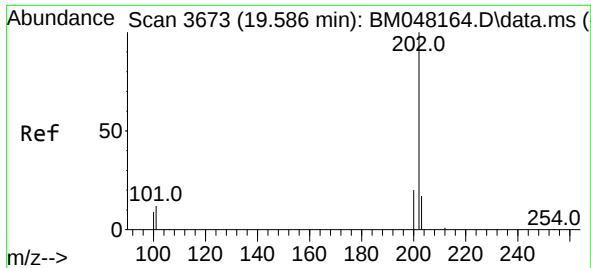
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#19
 Fluoranthene
 Concen: 1.178 ng/ul m
 RT: 19.197 min Scan# 3589
 Delta R.T. -0.022 min
 Lab File: BM048175.D
 Acq: 22 Oct 2024 03:52

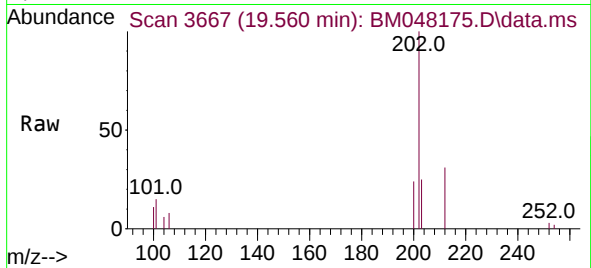
Tgt Ion:202 Resp: 73268
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.3 13.9
 100 8.5 7.1 10.7





#20
Pyrene
Concen: 0.599 ng/ul m
RT: 19.560 min Scan# 30
Delta R.T. -0.022 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

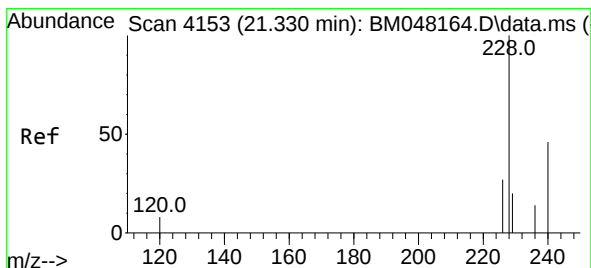
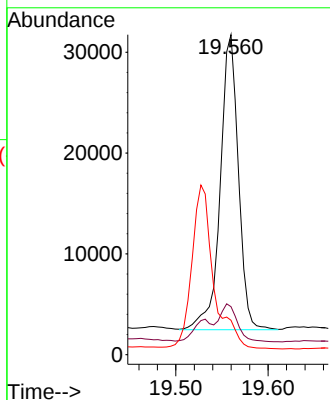
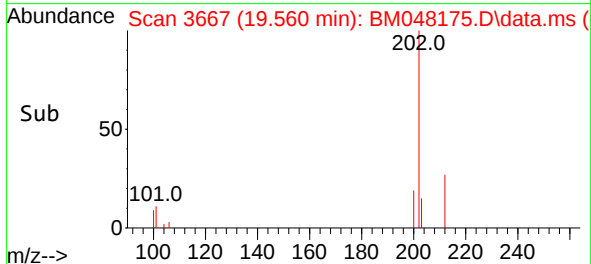
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:202 Resp: 4001
Ion Ratio Lower Upper
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101 15.0 10.6 16.0
100 10.8 8.1 12.1

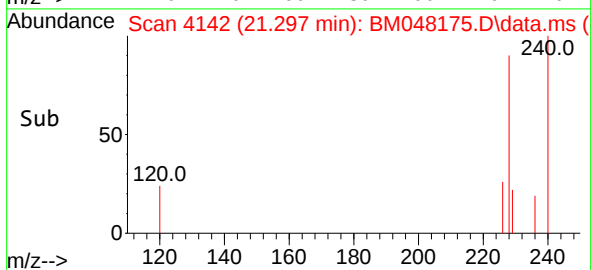
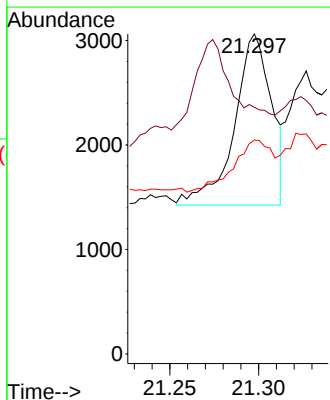
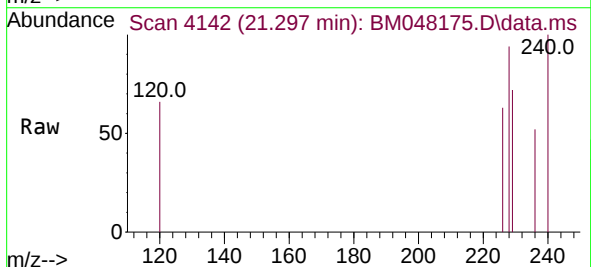
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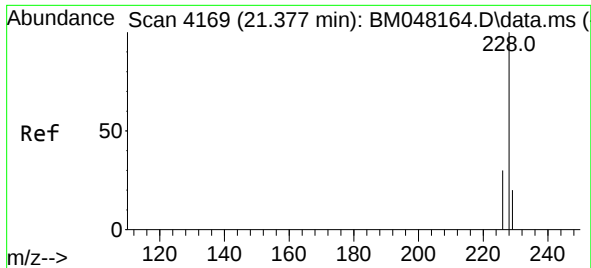
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#21
Benzo(a)anthracene
Concen: 0.049 ng/ul m
RT: 21.297 min Scan# 4142
Delta R.T. -0.024 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

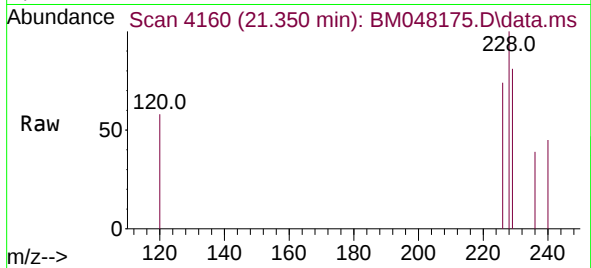
Tgt Ion:228 Resp: 2379
Ion Ratio Lower Upper
228 100
229 77.1 16.4 24.6#
226 66.8 22.5 33.7#





#22
Chrysene
Concen: 0.054 ng/ul m
RT: 21.350 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM048175.D
Acq: 22 Oct 2024 03:52

Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:228 Resp: 3984
Ion Ratio Lower Upper
228 100
226 73.7 24.0 36.0
229 81.3 16.1 24.1

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