

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048443.D
 Acq On : 05 Nov 2024 01:05
 Operator : RC/JU
 Sample : P4625-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 02:16:34 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 31 14:58:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	5569	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.484	136	17450	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.344	164	9040	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.085	188	18275m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.281	240	14138m	0.400	ng/ul	-0.01
23) Perylene-d12	23.508	264	12146m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	34384	5.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	7248	0.326	ng/ul	-0.04
18) Fluoranthene-d10	19.117	212	17311	0.482	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.534	128	17060	0.374	ng/ul	97
7) 2-Methylnaphthalene	12.178	142	2759	0.102	ng/ul	98
8) 1-Methylnaphthalene	12.393	142	2266	0.078	ng/ul	98
11) Acenaphthene	14.404	153	3368	0.120	ng/ul	100
12) Fluorene	15.394	166	4073	0.131	ng/ul	98
14) Pentachlorophenol	16.760	266	1352m	0.266	ng/ul	
15) Phenanthrene	17.127	178	13658m	0.301	ng/ul	
16) Anthracene	17.216	178	2678m	0.063	ng/ul	
19) Fluoranthene	19.145	202	7155	0.147	ng/ul#	94
20) Pyrene	19.503	202	5662	0.108	ng/ul#	80
21) Benzo(a)anthracene	21.275	228	1829	0.043	ng/ul#	87
22) Chrysene	21.319	228	1976	0.034	ng/ul#	87
24) Benzo(b)fluoranthene	22.832	252	1882m	0.045	ng/ul	

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

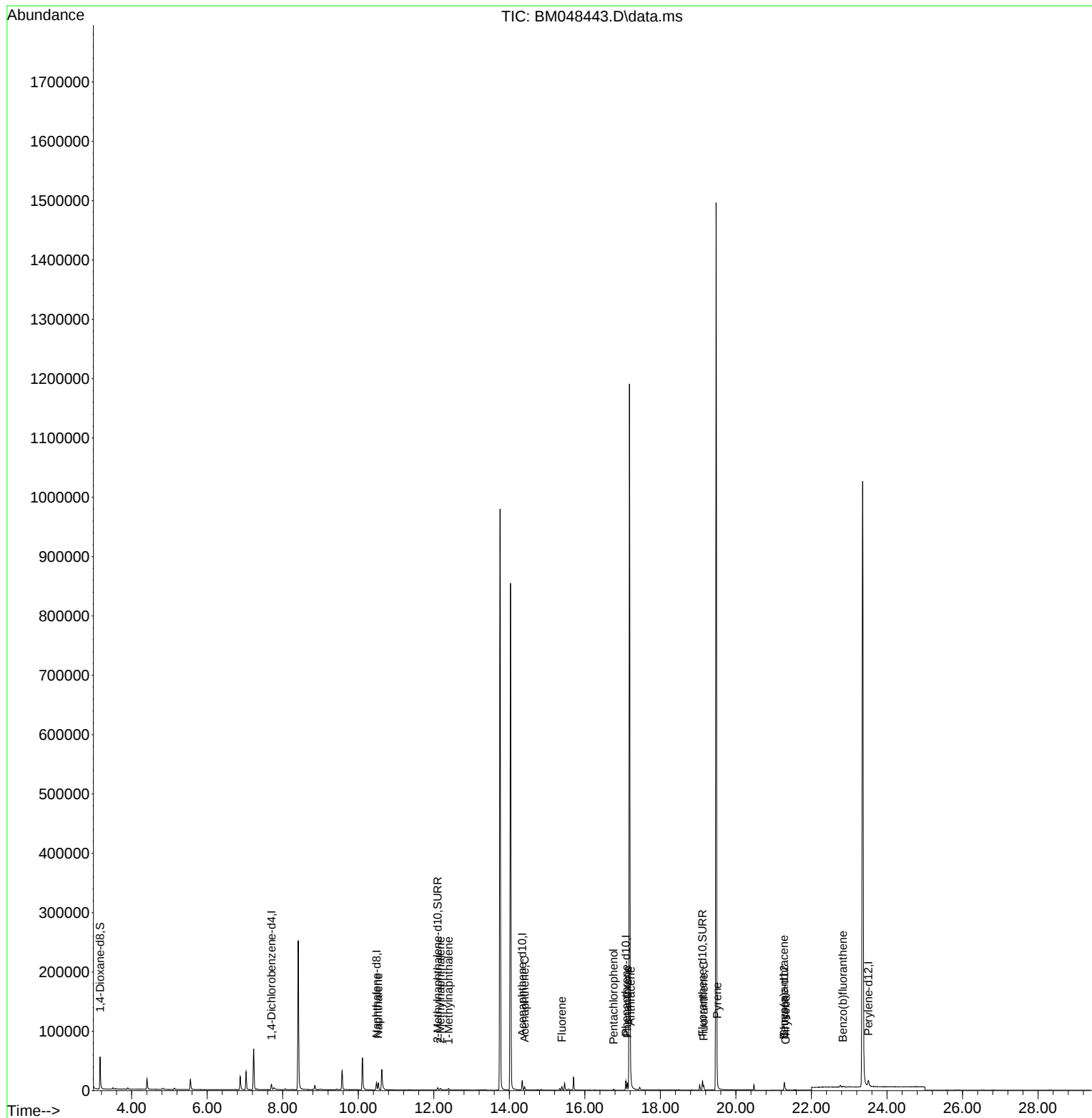
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048443.D
Acq On : 05 Nov 2024 01:05
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Sample : P4625-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

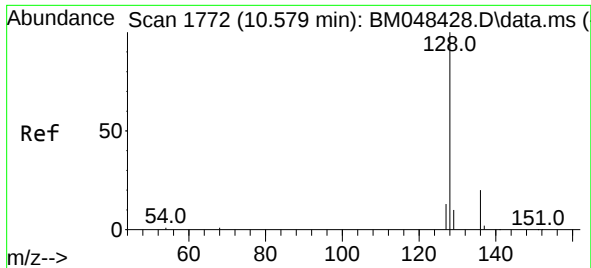
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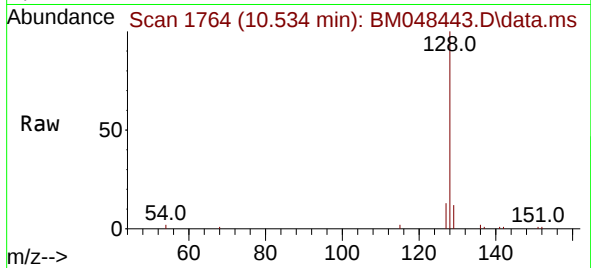
Quant Time: Nov 05 02:16:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.534 min Scan# 1772
Delta R.T. -0.045 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

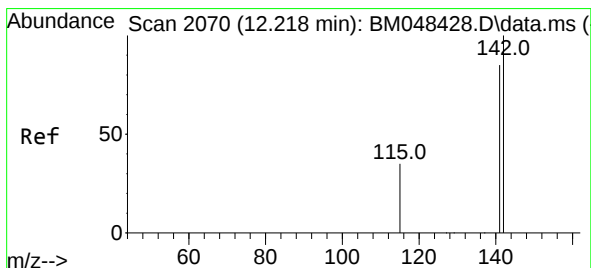
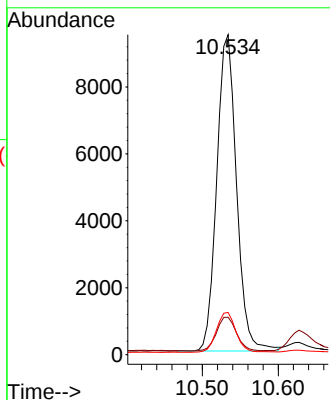
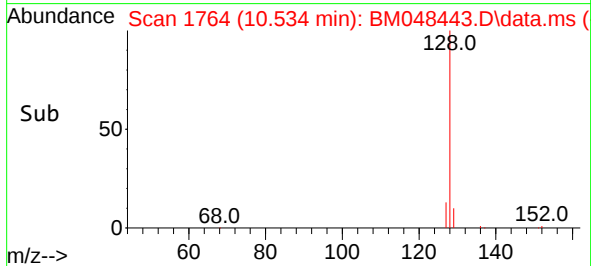
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:128 Resp: 17060
Ion Ratio Lower Upper
128 100
129 11.7 10.6 15.8
127 13.2 11.4 17.2

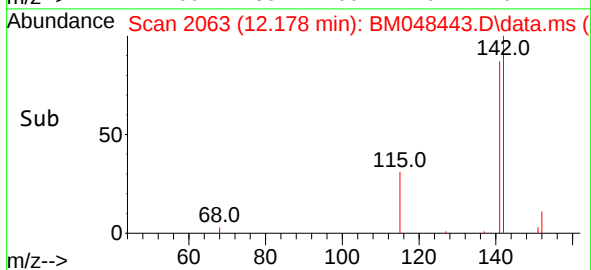
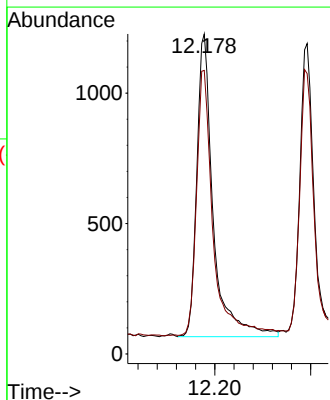
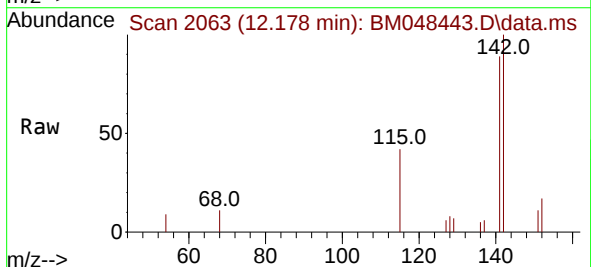
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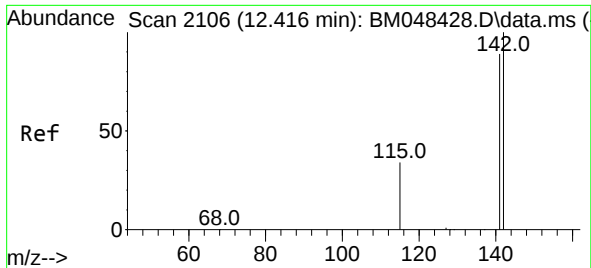
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.178 min Scan# 2063
Delta R.T. -0.034 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

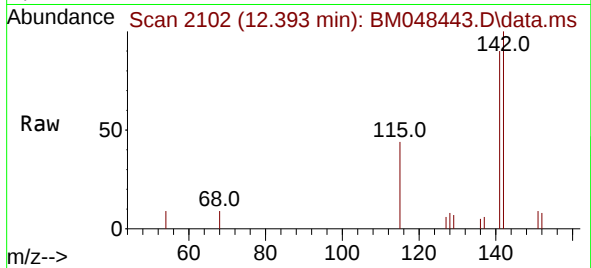
Tgt Ion:142 Resp: 2759
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.393 min Scan# 2106
Delta R.T. -0.023 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

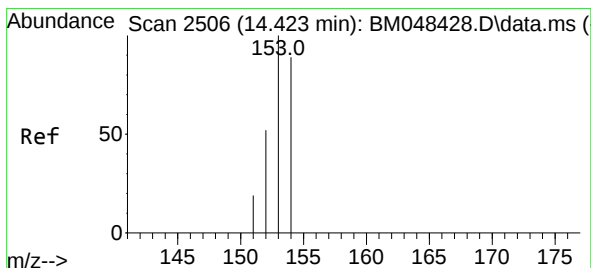
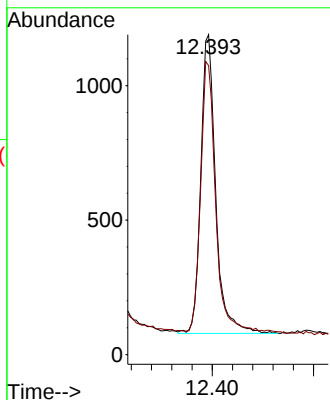
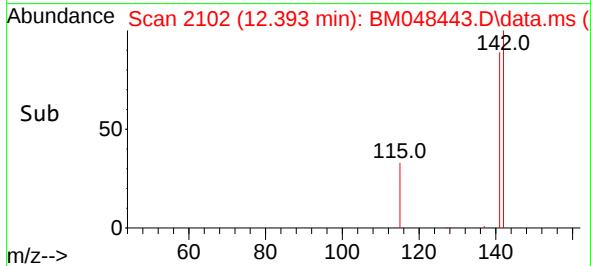
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:142 Resp: 2260
Ion Ratio Lower Upper
142 100
141 92.5 75.5 113.3

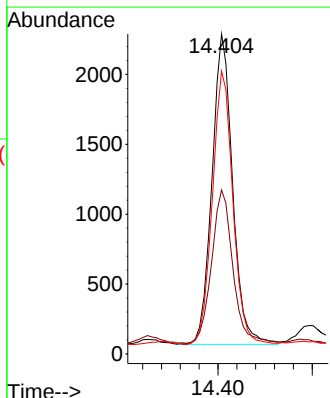
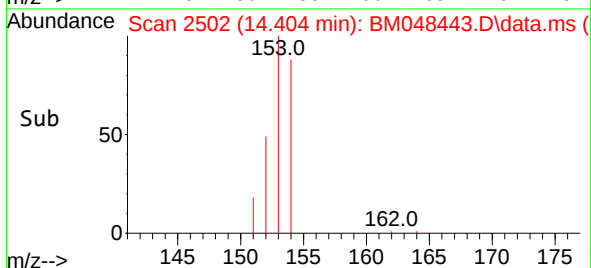
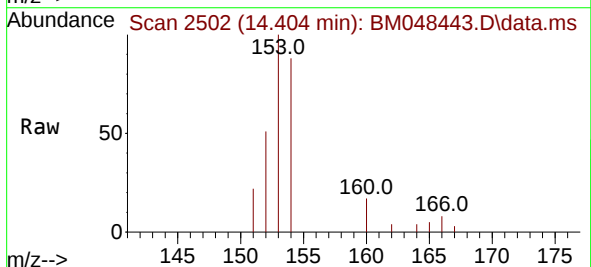
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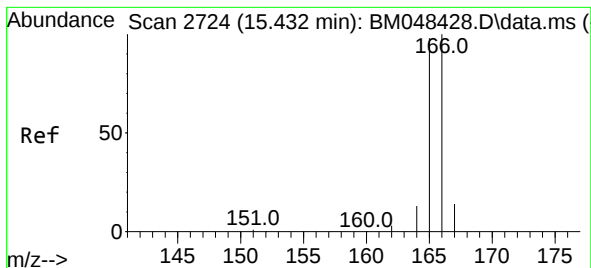
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#11
Acenaphthene
Concen: 0.120 ng/ul
RT: 14.404 min Scan# 2502
Delta R.T. -0.024 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

Tgt Ion:153 Resp: 3368
Ion Ratio Lower Upper
153 100
152 51.2 40.7 61.1
154 88.4 70.6 106.0





#12

Fluorene

Concen: 0.131 ng/ul

RT: 15.394 min Scan# 21

Delta R.T. -0.038 min

Lab File: BM048443.D

Acq: 05 Nov 2024 01:05

Instrument :

BNA_M

ClientSampleId :

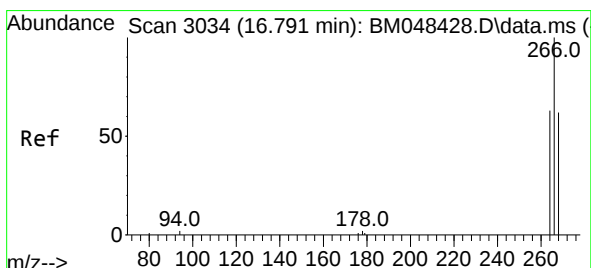
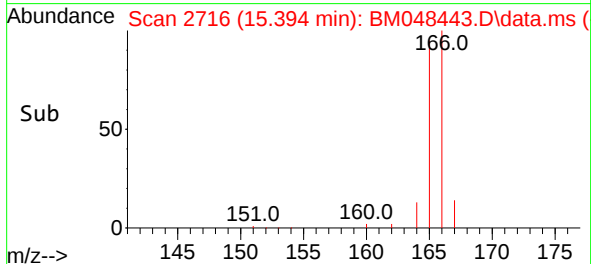
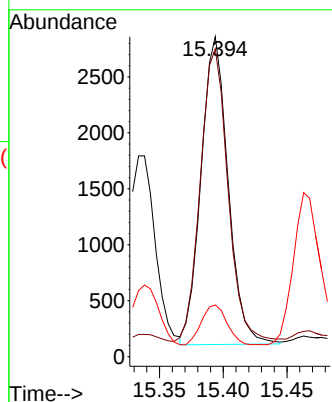
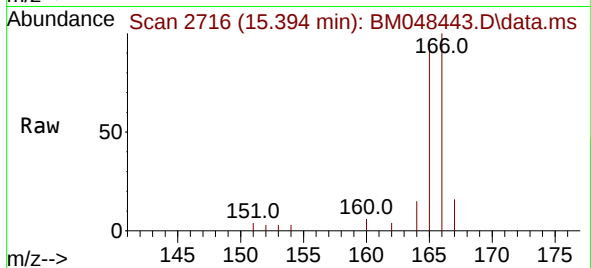
C0AC0

Tgt Ion:	166	Resp:	407
Ion Ratio	Lower	Upper	
166	100		
165	96.2	78.6	118.0
167	16.2	12.1	18.1

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#14

Pentachlorophenol

Concen: 0.266 ng/ul m

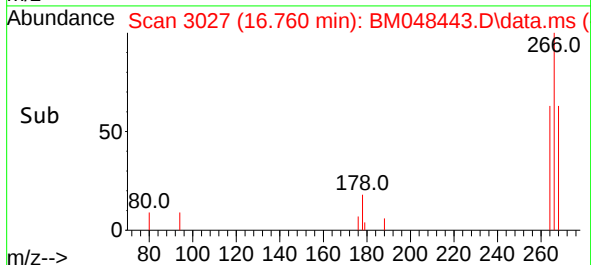
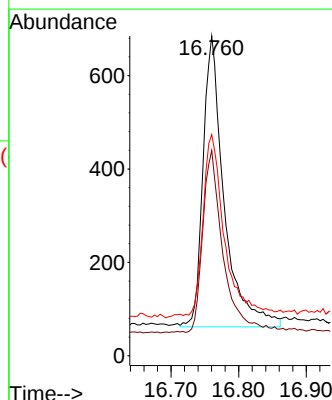
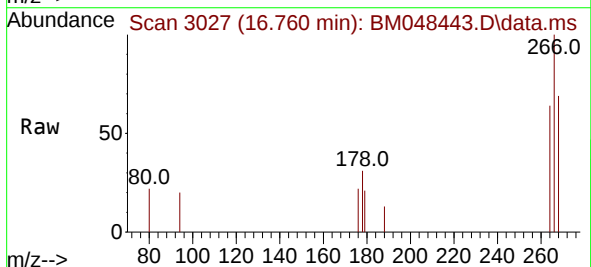
RT: 16.760 min Scan# 3027

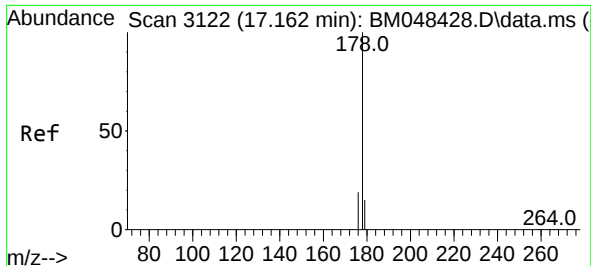
Delta R.T. -0.027 min

Lab File: BM048443.D

Acq: 05 Nov 2024 01:05

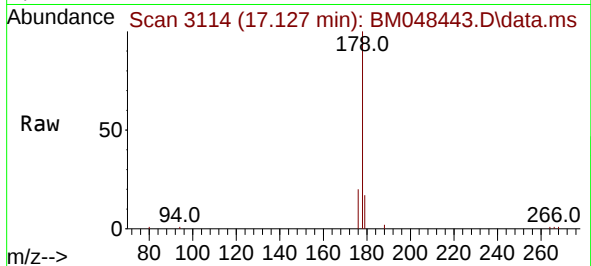
Tgt Ion:	266	Resp:	1352
Ion Ratio	Lower	Upper	
266	100		
264	0.0	48.3	72.5#
268	0.0	46.2	69.4#





#15
Phenanthrene
Concen: 0.301 ng/ul m
RT: 17.127 min Scan# 3114
Delta R.T. -0.031 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

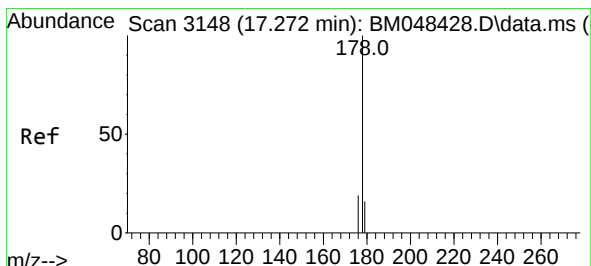
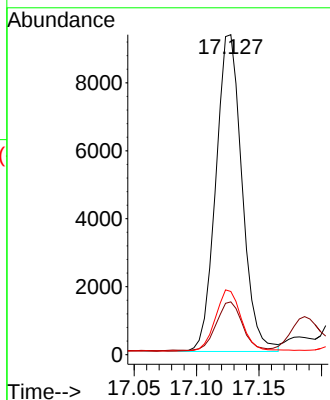
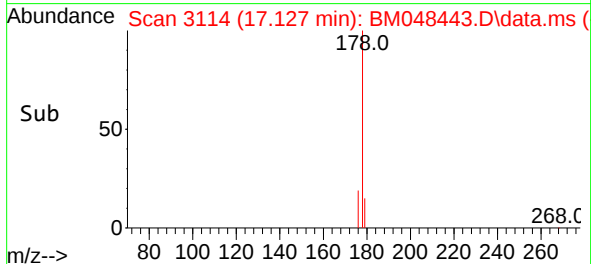
Instrument :
BNA_M
ClientSampleId :
C0AC0



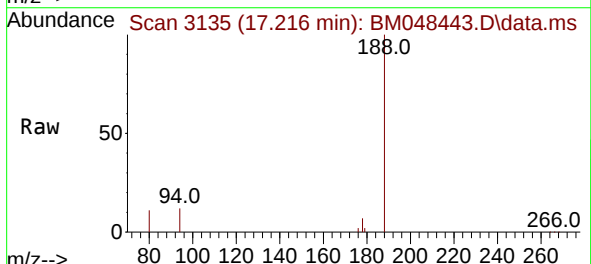
Tgt Ion:178 Resp: 13658
Ion Ratio Lower Upper
178 100
179 16.5 13.9 20.9
176 19.8 16.0 24.0

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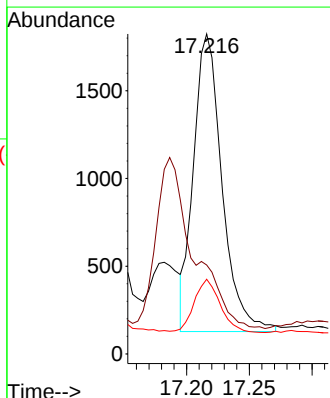
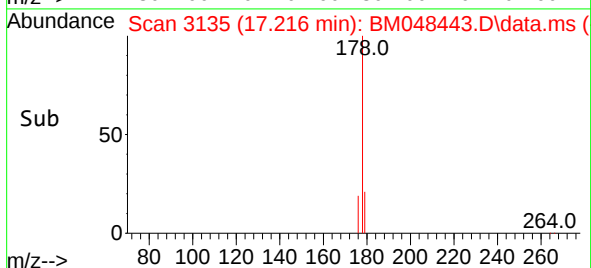
Reviewed By :Jagrut Upadhyay 11/05/2024
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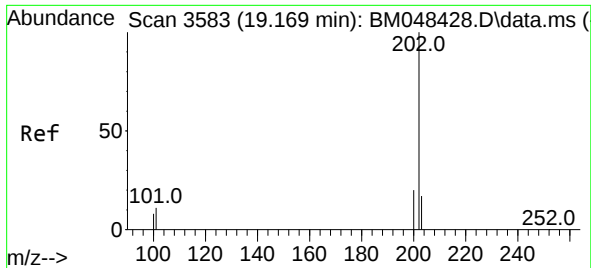


#16
Anthracene
Concen: 0.063 ng/ul m
RT: 17.216 min Scan# 3135
Delta R.T. -0.043 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05



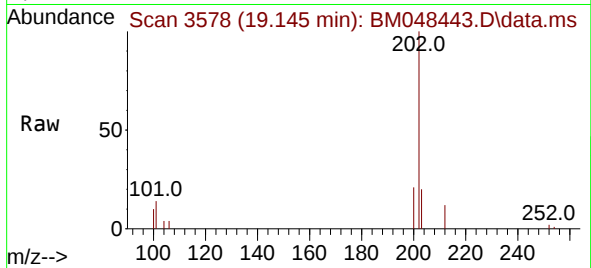
Tgt Ion:178 Resp: 2678
Ion Ratio Lower Upper
178 100
179 27.8 14.2 21.2#
176 23.4 15.8 23.6





#19
Fluoranthene
Concen: 0.147 ng/u1
RT: 19.145 min Scan# 3578
Delta R.T. -0.024 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

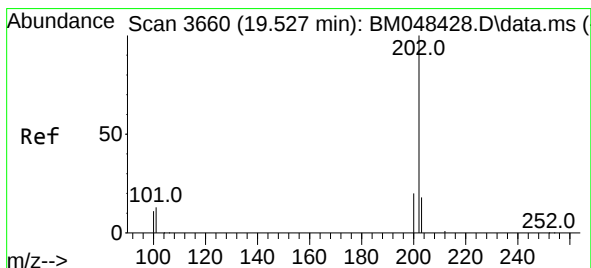
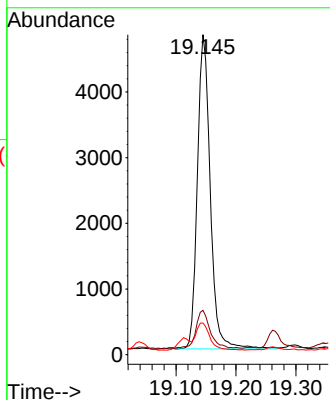
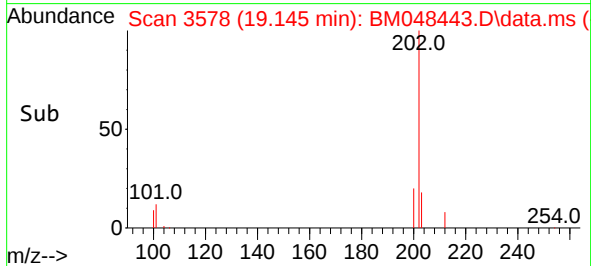
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BNA_M
ClientSampleId :
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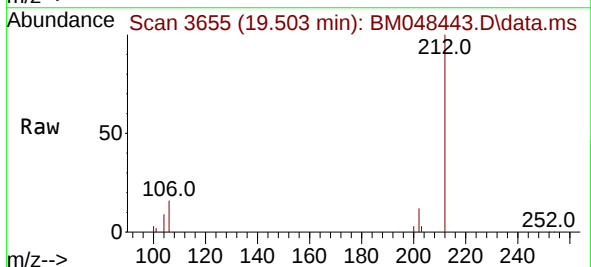
Tgt Ion:202 Resp: 715
Ion Ratio Lower Upper
202 100
101 13.9 9.0 13.4
100 9.9 6.6 10.0

Manual Integrations
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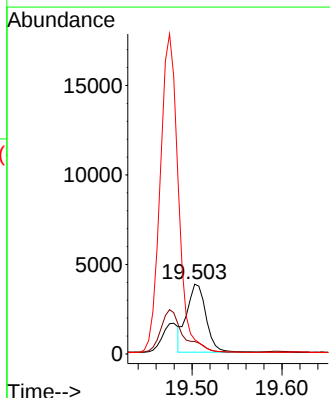
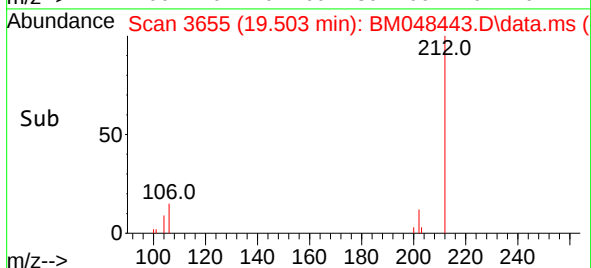
Reviewed By :Jagrut Upadhyay 11/05/2024
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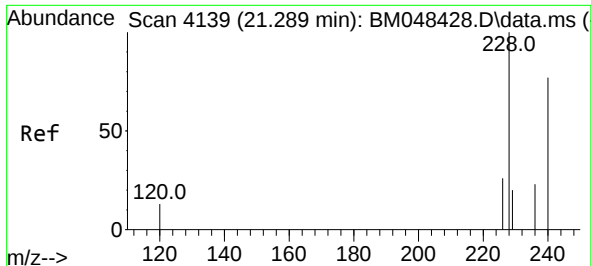


#20
Pyrene
Concen: 0.108 ng/u1
RT: 19.503 min Scan# 3655
Delta R.T. -0.029 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05



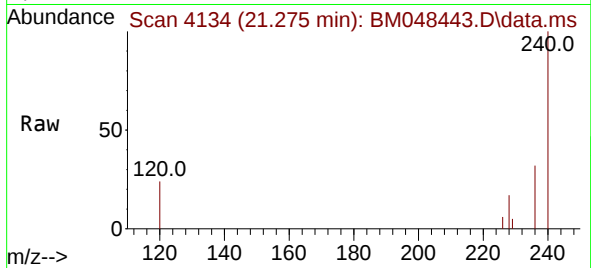
Tgt Ion:202 Resp: 5662
Ion Ratio Lower Upper
202 100
101 17.9 10.0 15.0#
100 20.6 8.0 12.0#





#21
Benzo(a)anthracene
Concen: 0.043 ng/u1
RT: 21.275 min Scan# 4139
Delta R.T. -0.005 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

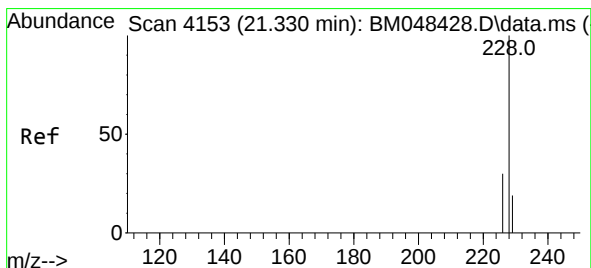
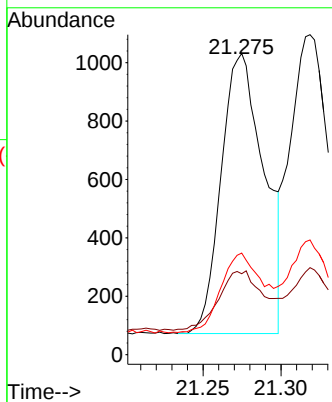
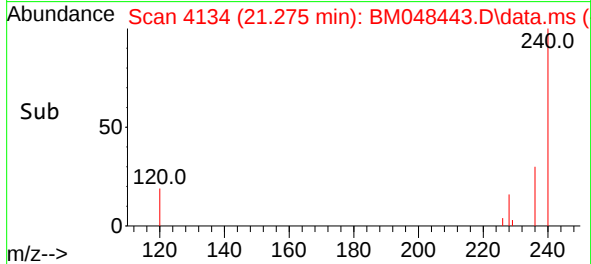
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:228 Resp: 1829
Ion Ratio Lower Upper
228 100
229 26.8 15.9 23.9
226 33.7 22.1 33.1

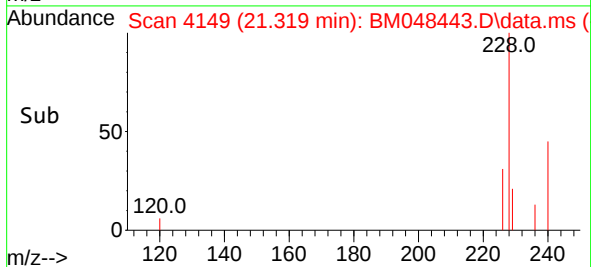
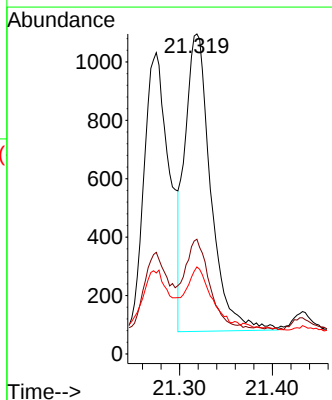
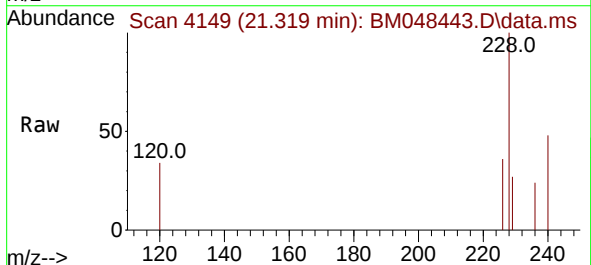
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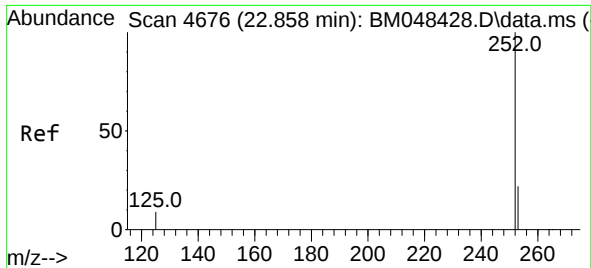
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#22
Chrysene
Concen: 0.034 ng/u1
RT: 21.319 min Scan# 4149
Delta R.T. -0.008 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

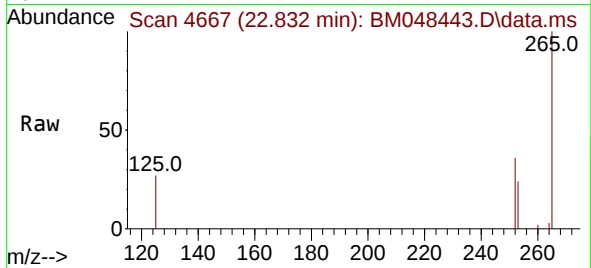
Tgt Ion:228 Resp: 1976
Ion Ratio Lower Upper
228 100
226 35.9 24.1 36.1
229 27.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.832 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM048443.D
Acq: 05 Nov 2024 01:05

Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:252 Resp: 188
Ion Ratio Lower Upper
252 100
253 68.4 0.0 59.4
125 76.3 0.0 38.0

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