

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045508.D
 Acq On : 23 Apr 2024 11:23
 Operator : MA/JU
 Sample : P2104-06MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 24 04:49:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 04:47:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	1304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.331	136	3690	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.205	164	1722	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	2908	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	2607	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	3808	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	424	0.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	17	0.003	ng/ul	-0.01
18) Fluoranthene-d10	19.006	212	27	0.003	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	1066	0.634	ng/ul#	77
10) Acenaphthylene	13.932	152	3214	0.378	ng/ul	99
11) Acenaphthene	14.270	153	159	0.025	ng/ul#	82
12) Fluorene	15.278	166	461	0.068	ng/ul#	88
14) Pentachlorophenol	16.642	266	20	0.034	ng/ul#	42
15) Phenanthrene	17.014	178	374m	0.044	ng/ul	
16) Anthracene	17.111	178	3800	0.480	ng/ul	97
19) Fluoranthene	19.043	202	1213	0.101	ng/ul#	94
20) Pyrene	19.410	202	284	0.023	ng/ul#	44
21) Benzo(a)anthracene	21.167	228	1060	0.127	ng/ul#	25
22) Chrysene	21.219	228	287	0.022	ng/ul#	29
24) Benzo(b)fluoranthene	22.721	252	708	0.055	ng/ul#	1
25) Benzo(k)fluoranthene	22.762	252	401	0.025	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.561	278	463	0.030	ng/ul#	1

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

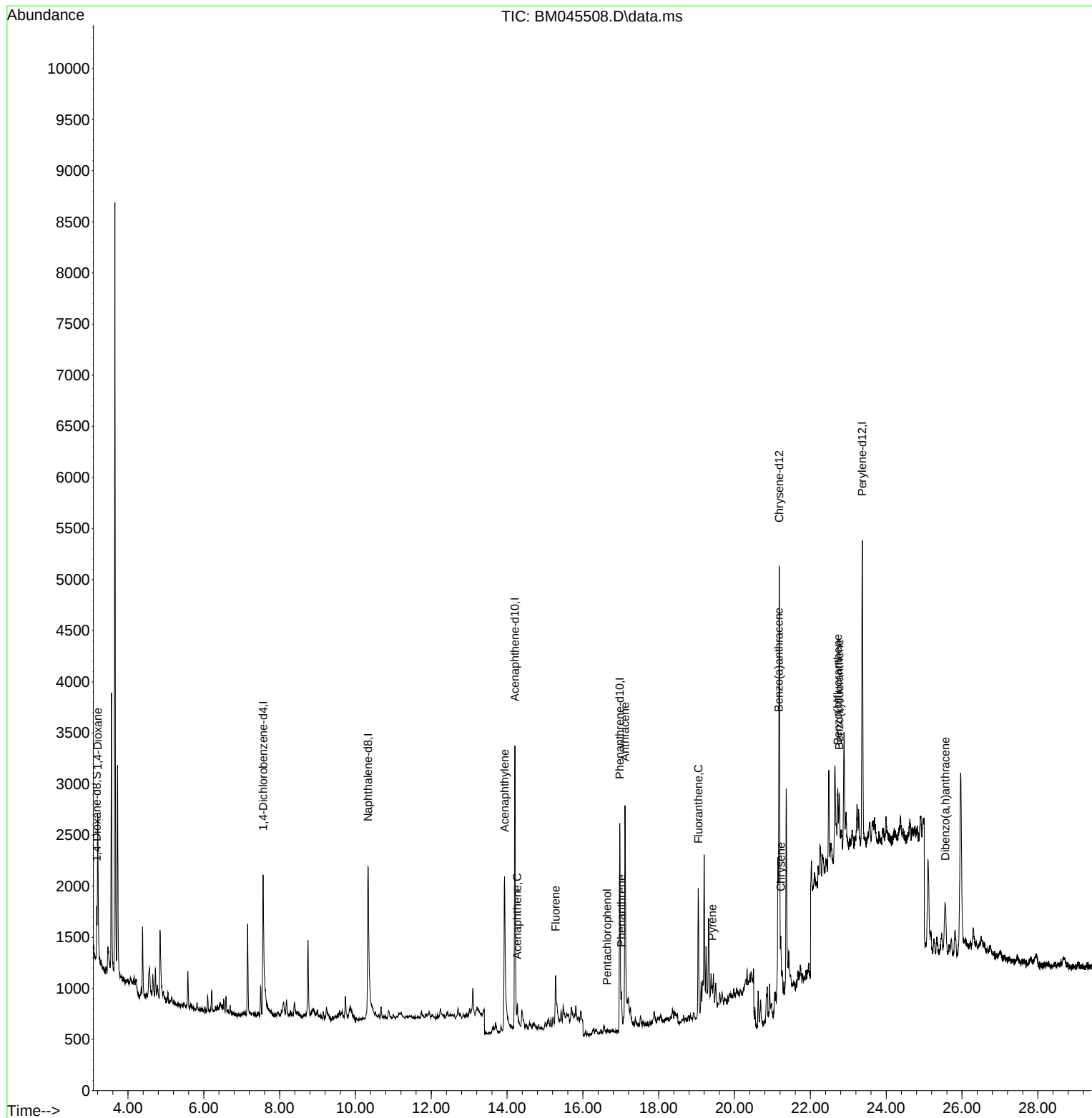
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045508.D
Acq On : 23 Apr 2024 11:23
Operator : MA/JU
Sample : P2104-06MS
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ALS Vial : 39 Sample Multiplier: 1

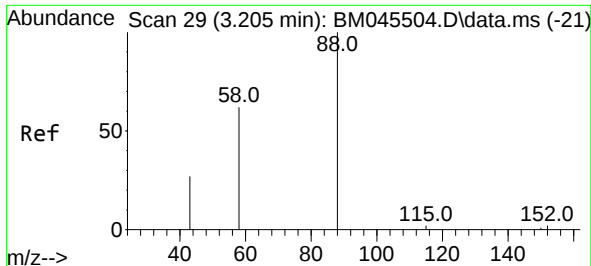
Instrument :
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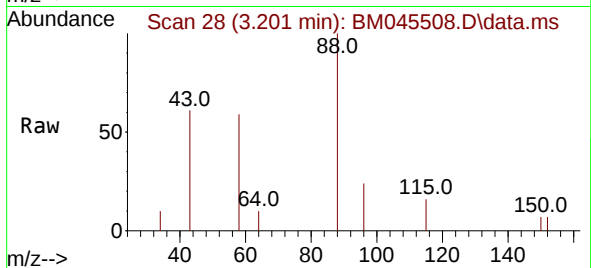
Quant Time: Apr 24 04:49:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:47:50 2024
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#2
1,4-Dioxane
Concen: 0.634 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

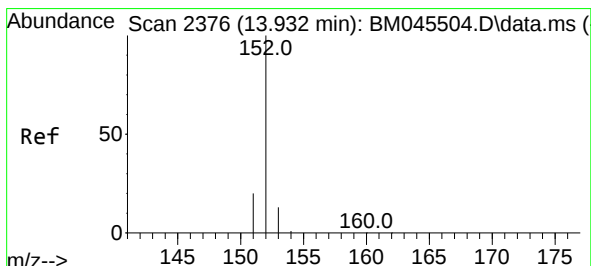
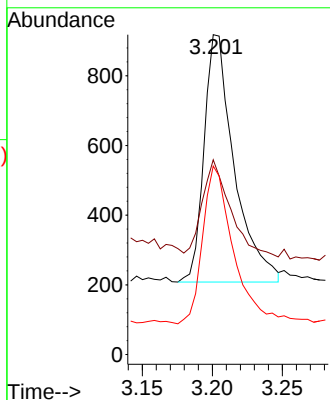
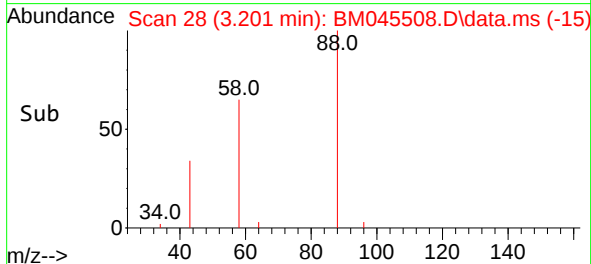
Instrument :
BNA_M
ClientSampleId :
C0AA7MS



Tgt Ion: 88 Resp: 1060
Ion Ratio Lower Upper
88 100
43 60.9 36.8 55.2
58 58.9 35.4 53.2

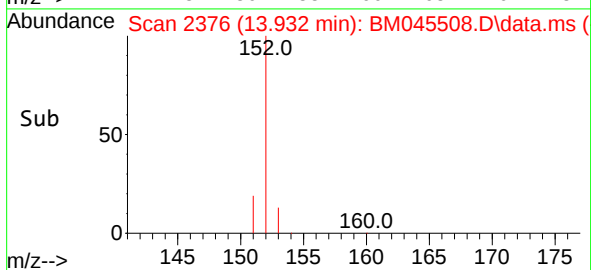
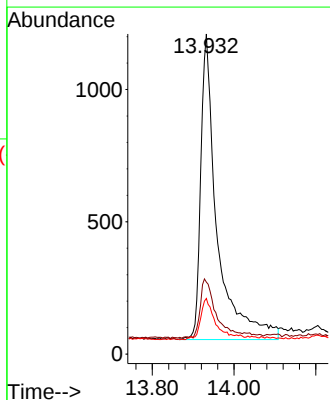
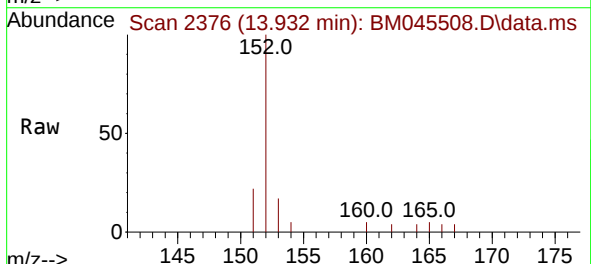
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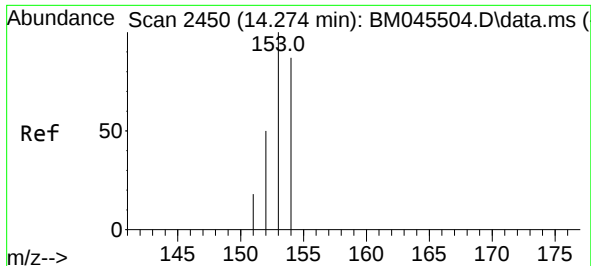
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 13.932 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

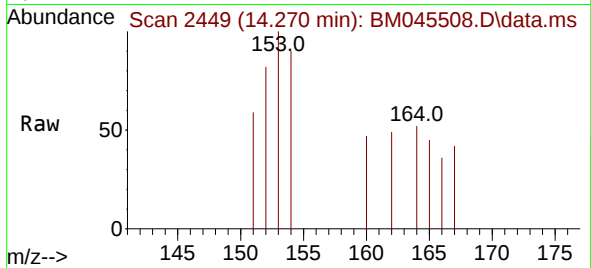
Tgt Ion:152 Resp: 3214
Ion Ratio Lower Upper
152 100
151 22.5 18.6 28.0
153 17.4 14.1 21.1





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

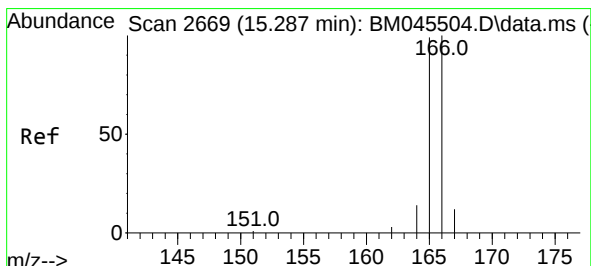
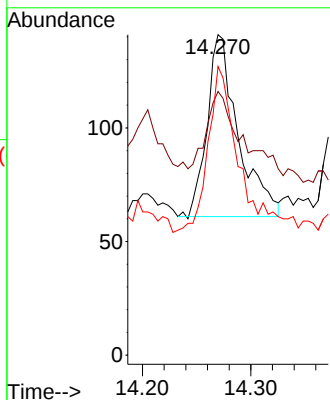
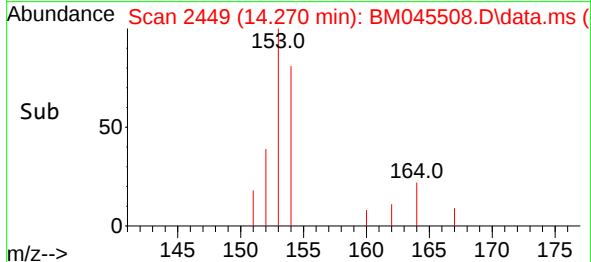
Instrument :
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ClientSampleId :
C0AA7MS



Tgt Ion:153 Resp: 159
Ion Ratio Lower Upper
153 100
152 82.3 43.4 65.2
154 90.1 69.0 103.6

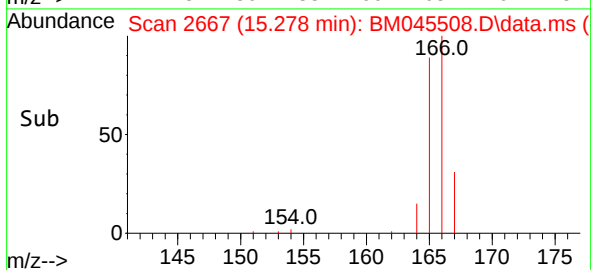
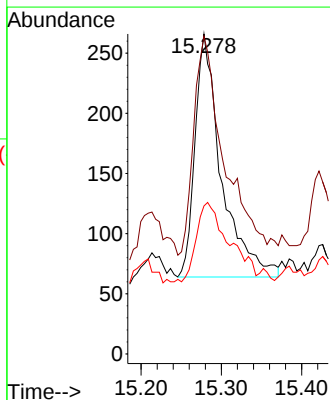
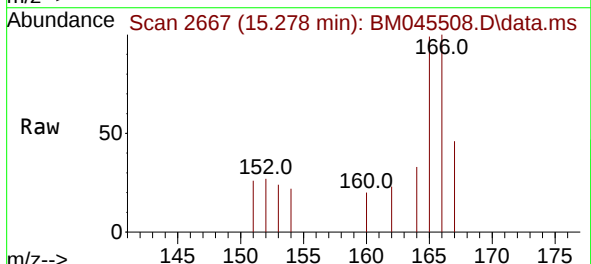
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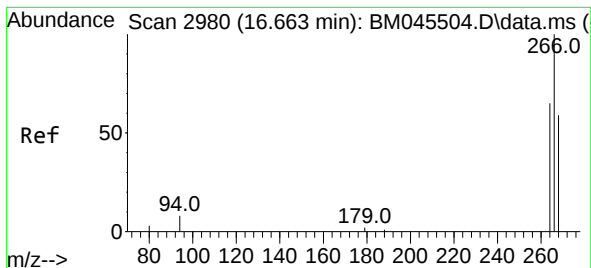
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.278 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

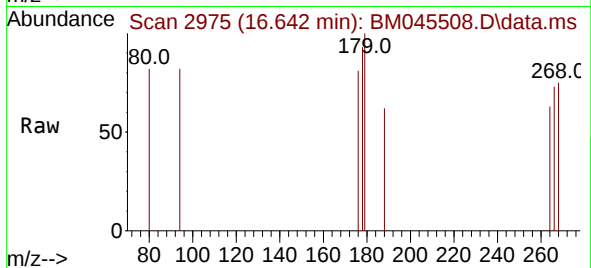
Tgt Ion:166 Resp: 461
Ion Ratio Lower Upper
166 100
165 99.2 82.2 123.2
167 46.2 14.8 22.2#





#14
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.642 min Scan# 2980
Delta R.T. -0.021 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

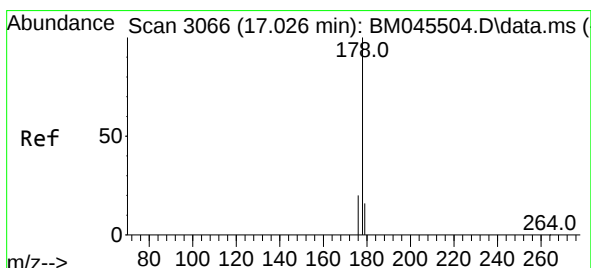
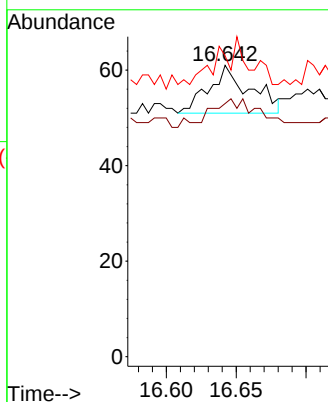
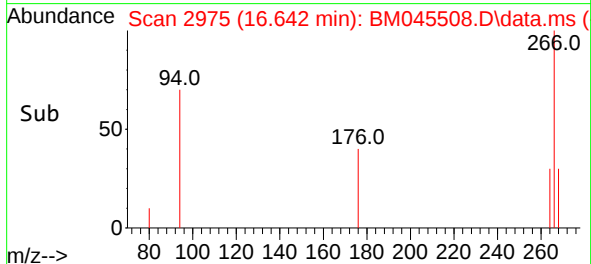
Instrument :
BNA_M
ClientSampleId :
C0AA7MS



Tgt Ion:266 Resp: 2000
Ion Ratio Lower Upper
266 100
264 0.0 45.5 68.3#
268 35.0 56.1 84.1#

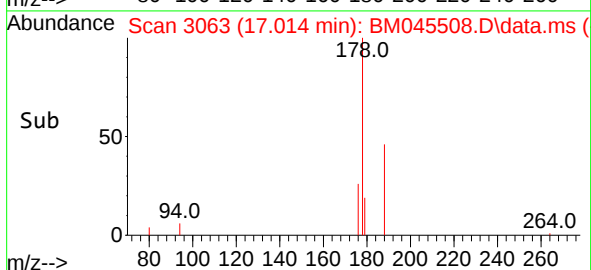
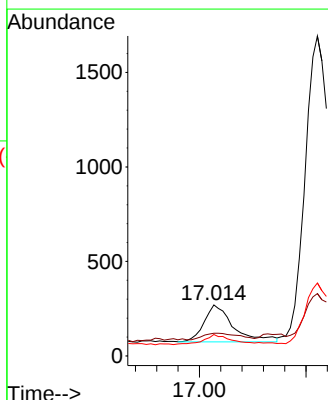
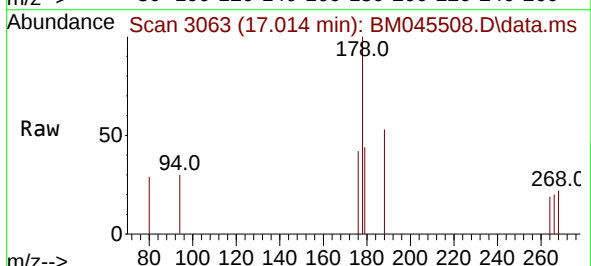
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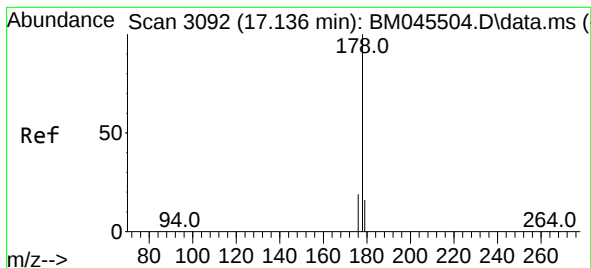
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#15
Phenanthrene
Concen: 0.044 ng/ul m
RT: 17.014 min Scan# 3063
Delta R.T. -0.013 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

Tgt Ion:178 Resp: 374
Ion Ratio Lower Upper
178 100
179 44.4 15.4 23.2#
176 41.9 19.0 28.4#





#16

Anthracene

Concen: 0.480 ng/ul

RT: 17.111 min Scan# 3092

Delta R.T. -0.025 min

Lab File: BM045508.D

Acq: 23 Apr 2024 11:23

Instrument :

BNA_M

ClientSampleId :

C0AA7MS

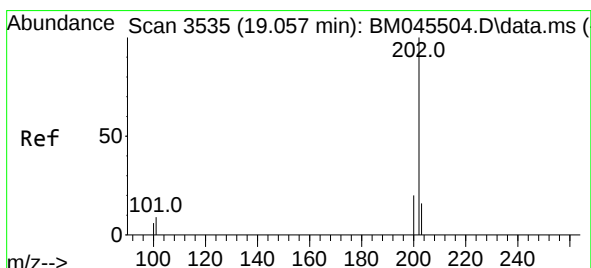
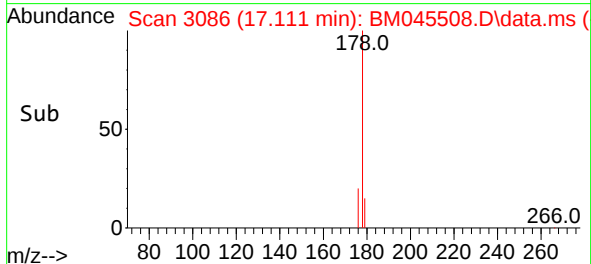
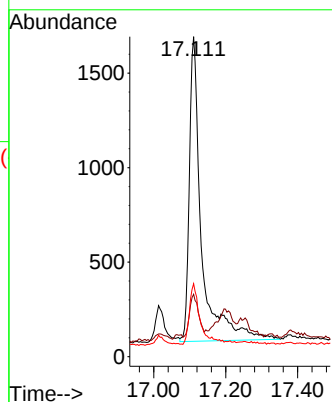
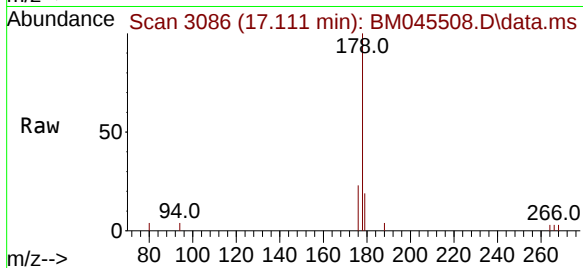
Tgt Ion:178	Resp:	3800
Ion Ratio	Lower	Upper
178	100	
179	19.5	17.8 26.6
176	22.8	18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/26/2024



#19

Fluoranthene

Concen: 0.101 ng/ul

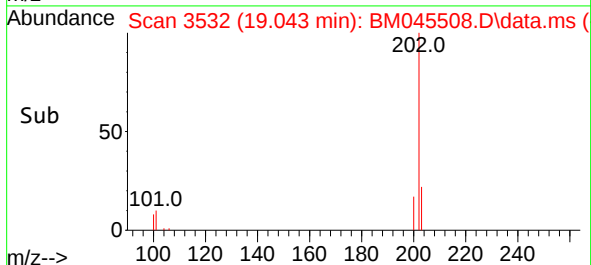
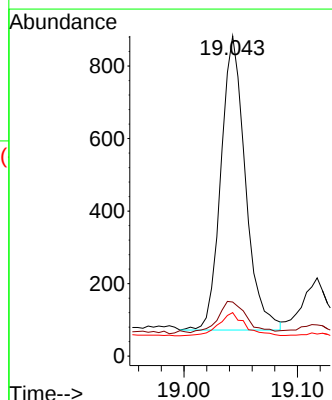
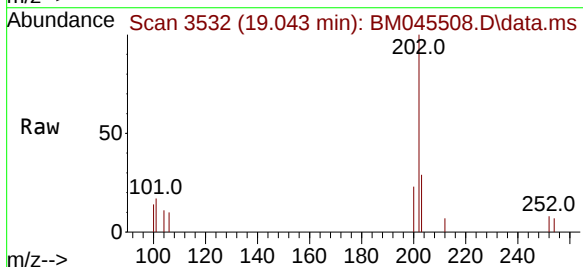
RT: 19.043 min Scan# 3532

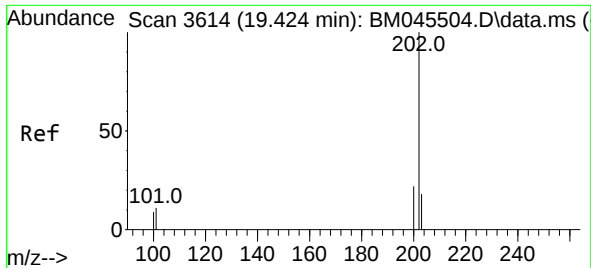
Delta R.T. -0.014 min

Lab File: BM045508.D

Acq: 23 Apr 2024 11:23

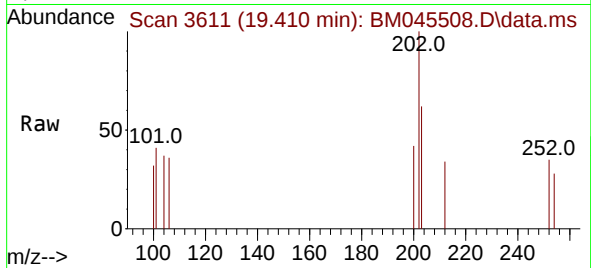
Tgt Ion:202	Resp:	1213
Ion Ratio	Lower	Upper
202	100	
101	16.9	11.2 16.8#
100	13.6	9.1 13.7





#20
Pyrene
Concen: 0.023 ng/u1
RT: 19.410 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

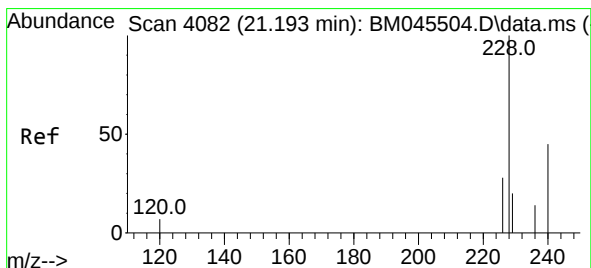
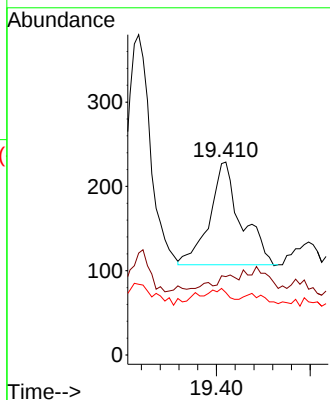
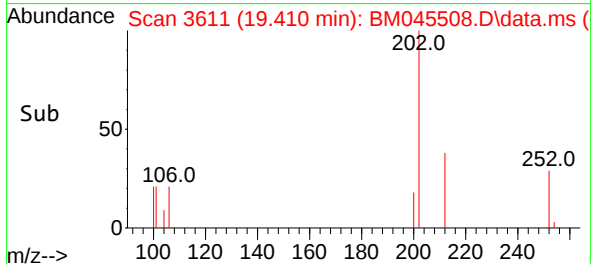
Instrument :
BNA_M
ClientSampleId :
C0AA7MS



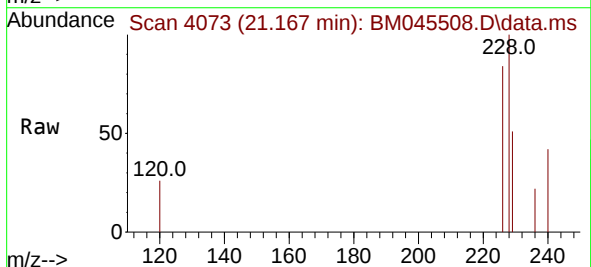
Tgt Ion:202 Resp: 284
Ion Ratio Lower Upper
202 100
101 40.6 11.5 17.3#
100 32.3 10.6 15.8#

Manual Integrations
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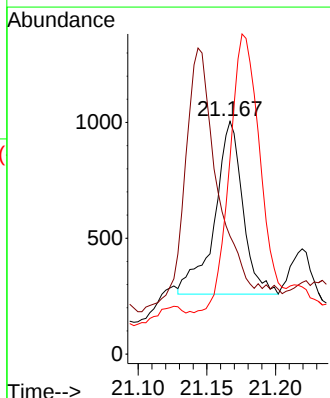
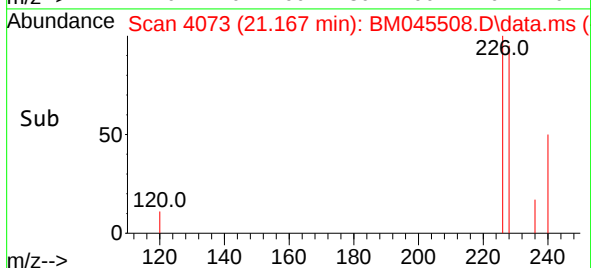
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024

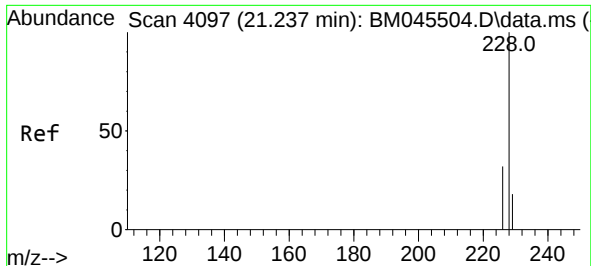


#21
Benzo(a)anthracene
Concen: 0.127 ng/u1
RT: 21.167 min Scan# 4073
Delta R.T. -0.026 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23



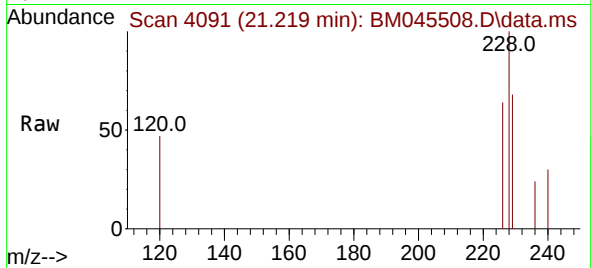
Tgt Ion:228 Resp: 1060
Ion Ratio Lower Upper
228 100
229 50.6 19.4 29.2#
226 84.2 26.3 39.5#





#22
Chrysene
Concen: 0.022 ng/u1
RT: 21.219 min Scan# 4091
Delta R.T. -0.017 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

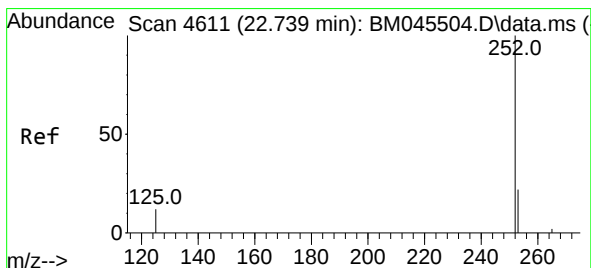
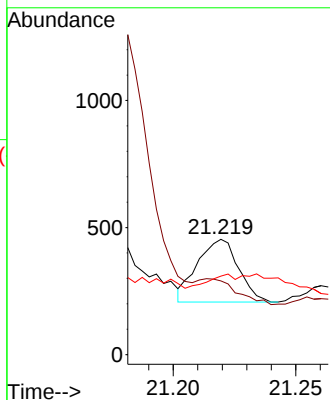
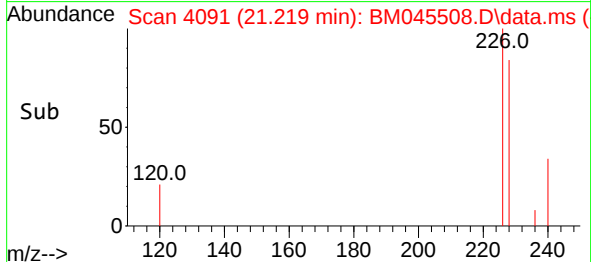
Instrument :
BNA_M
ClientSampleId :
C0AA7MS



Tgt Ion:228 Resp: 285
Ion Ratio Lower Upper
228 100
226 63.9 26.3 39.5#
229 68.1 17.8 26.8#

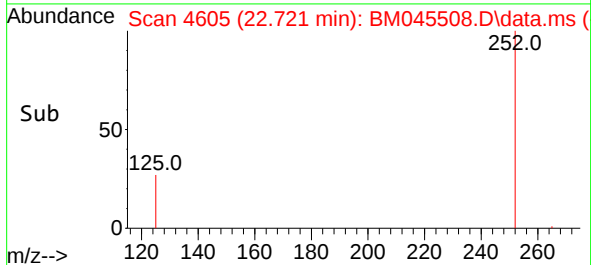
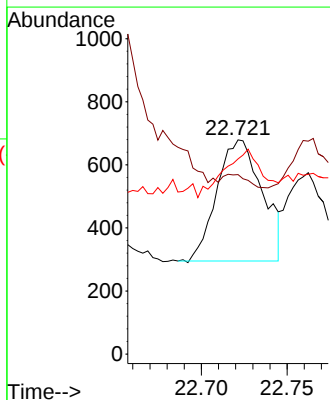
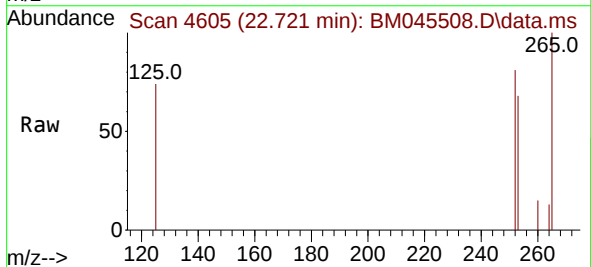
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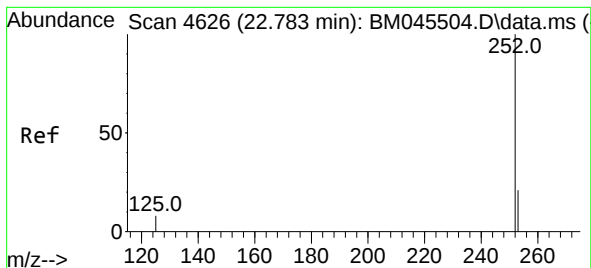
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.055 ng/u1
RT: 22.721 min Scan# 4605
Delta R.T. -0.017 min
Lab File: BM045508.D
Acq: 23 Apr 2024 11:23

Tgt Ion:252 Resp: 708
Ion Ratio Lower Upper
252 100
253 83.8 0.0 63.4#
125 91.2 0.0 36.8#





#25

Benzo(k)fluoranthene

Concen: 0.025 ng/ul

RT: 22.762 min Scan# 4619

Delta R.T. -0.020 min

Lab File: BM045508.D

Acq: 23 Apr 2024 11:23

Instrument :

BNM

ClientSampleId :

C0AA7MS

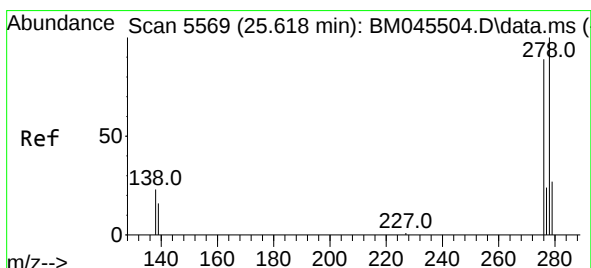
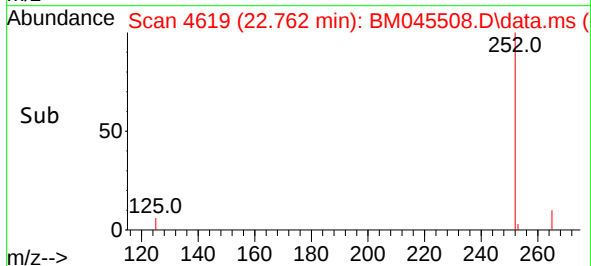
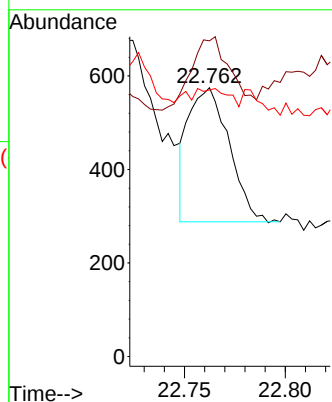
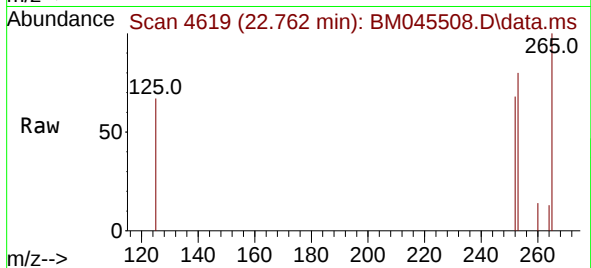
Tgt Ion:	252	Resp:	400
Ion Ratio	Lower	Upper	
252	100		
253	117.4	25.4	38.0
125	99.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/26/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.030 ng/ul

RT: 25.561 min Scan# 5552

Delta R.T. -0.057 min

Lab File: BM045508.D

Acq: 23 Apr 2024 11:23

Tgt Ion:	278	Resp:	463
Ion Ratio	Lower	Upper	
278	100		
139	100.8	19.0	28.6
279	175.9	29.4	44.2

