

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045509.D
 Acq On : 23 Apr 2024 12:00
 Operator : MA/JU
 Sample : P2104-07MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 04:50:01 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	7.559	152	1803	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	5585	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	2924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5461	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.180	240	3770	0.400	ng/ul	-0.02
23) Perylene-d12	23.367	264	5289	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	540	0.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	48	0.007	ng/ul	-0.01
18) Fluoranthene-d10	19.011	212	19	0.002	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	1408	0.606	ng/ul#	80
10) Acenaphthylene	13.928	152	5199	0.361	ng/ul	97
11) Acenaphthene	14.270	153	262	0.024	ng/ul#	85
12) Fluorene	15.270	166	829	0.072	ng/ul#	84
14) Pentachlorophenol	16.634	266	28	0.026	ng/ul	97
15) Phenanthrene	17.010	178	705m	0.044	ng/ul	
16) Anthracene	17.103	178	5465	0.367	ng/ul#	93
19) Fluoranthene	19.039	202	2088	0.120	ng/ul	96
20) Pyrene	19.406	202	533	0.030	ng/ul#	58
21) Benzo(a)anthracene	21.166	228	1535	0.127	ng/ul#	23
22) Chrysene	21.216	228	429	0.023	ng/ul#	33
24) Benzo(b)fluoranthene	22.718	252	1022	0.057	ng/ul#	1
25) Benzo(k)fluoranthene	22.758	252	589	0.026	ng/ul#	1
26) Benzo(a)pyrene	23.276	252	419	0.023	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.561	278	562	0.026	ng/ul#	1

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

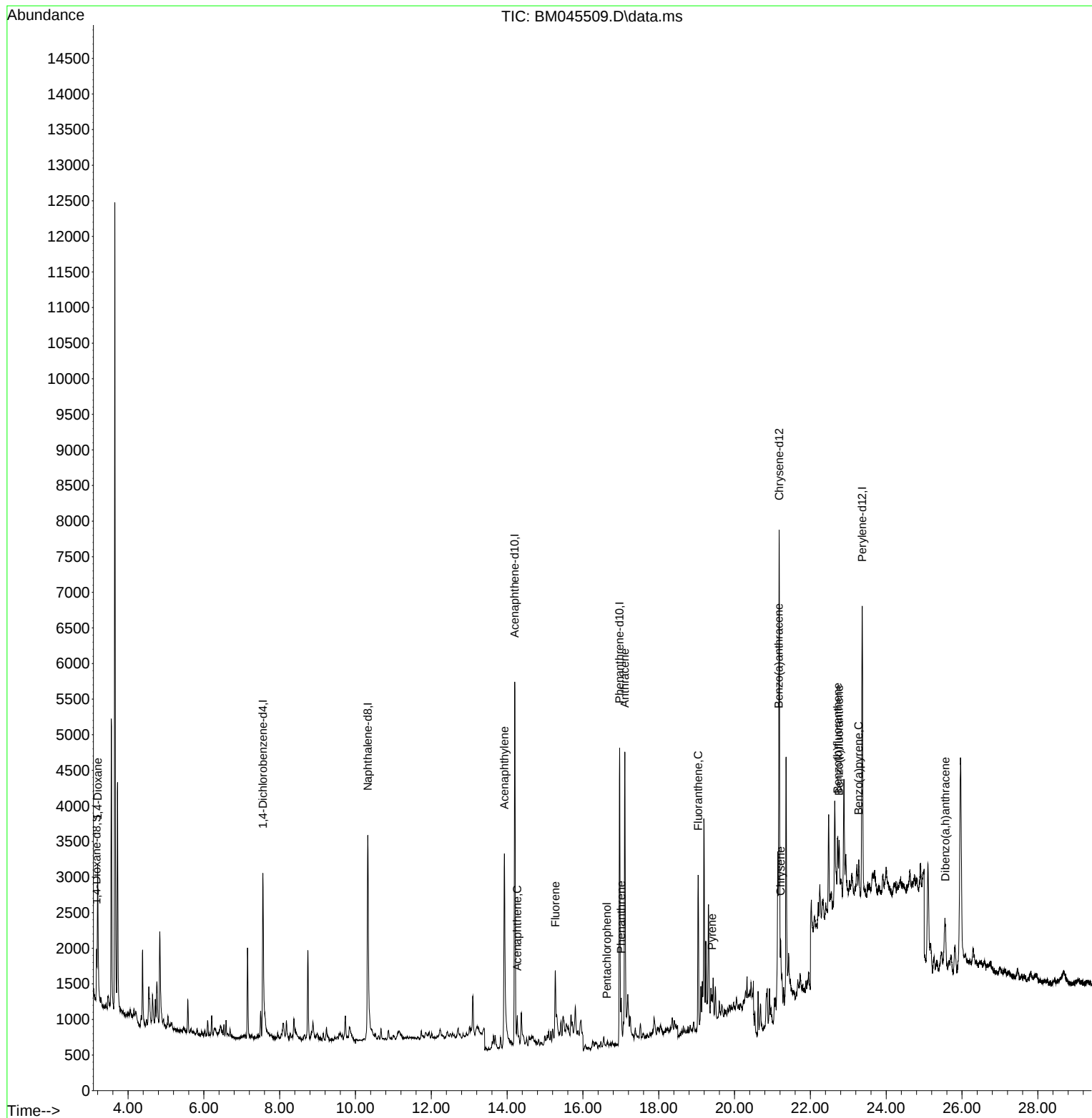
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045509.D
Acq On : 23 Apr 2024 12:00
Operator : MA/JU
Sample : P2104-07MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

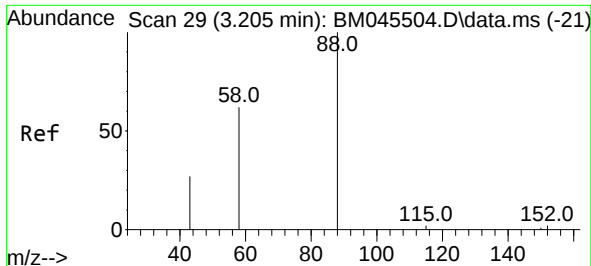
Instrument :
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C0AA7MSD

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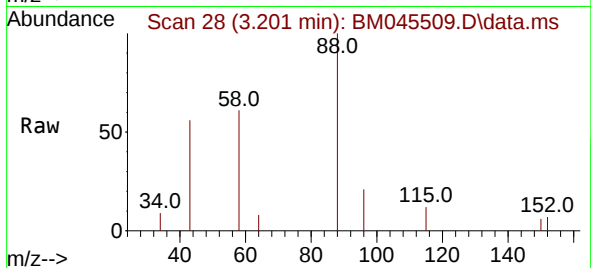
Quant Time: Apr 24 04:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:47:50 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.606 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

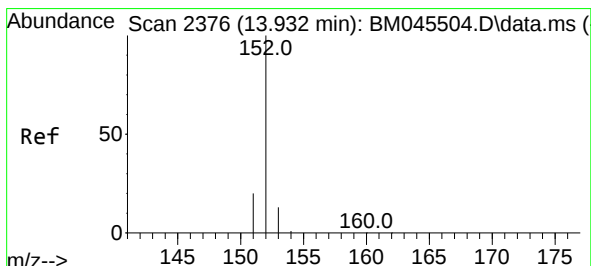
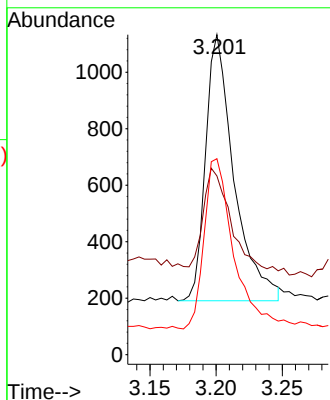
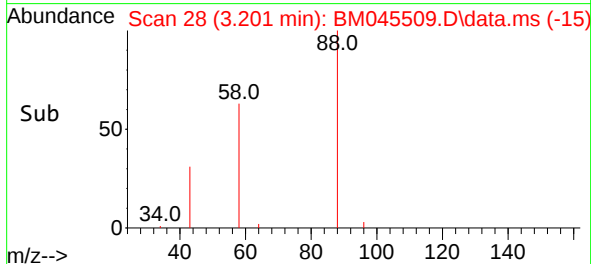
Instrument :
BNA_M
ClientSampleId :
C0AA7MSD



Tgt Ion: 88 Resp: 1408
Ion Ratio Lower Upper
88 100
43 55.9 36.8 55.2
58 61.3 35.4 53.2

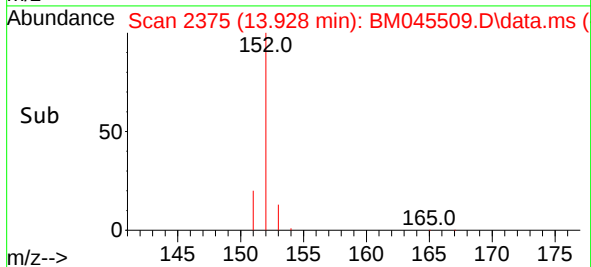
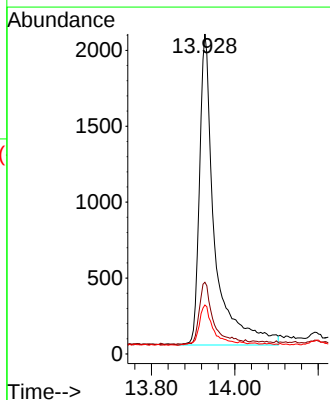
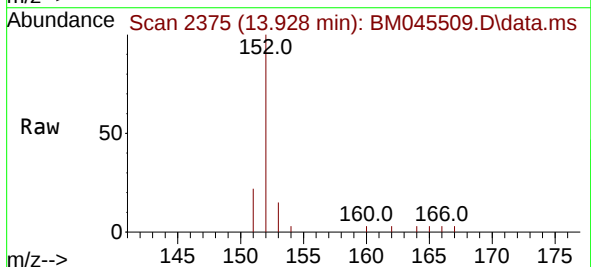
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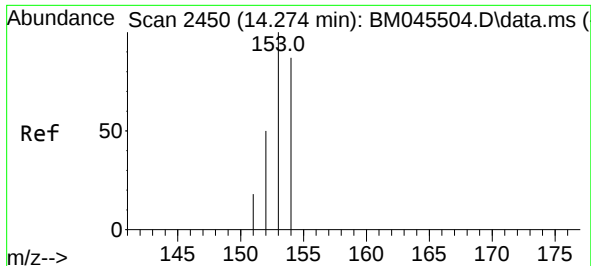
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 13.928 min Scan# 2375
Delta R.T. -0.004 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

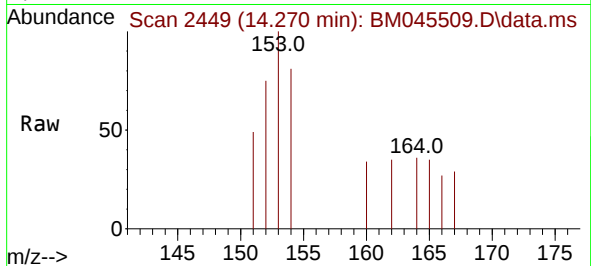
Tgt Ion:152 Resp: 5199
Ion Ratio Lower Upper
152 100
151 22.4 18.6 28.0
153 15.3 14.1 21.1





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

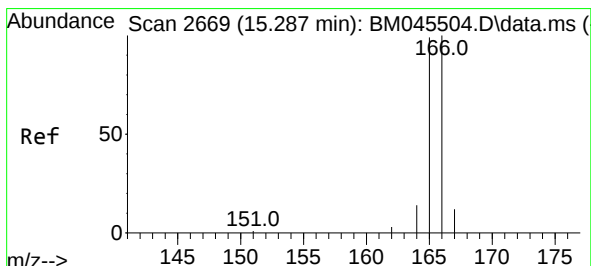
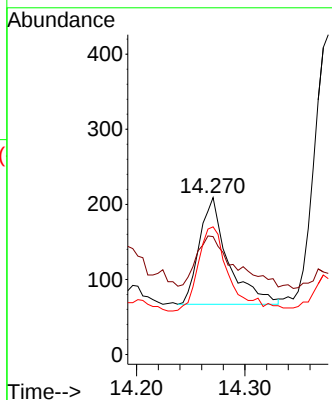
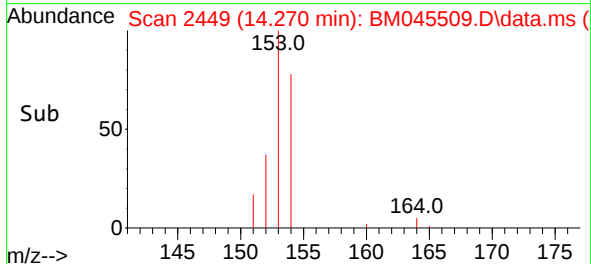
Instrument :
BNA_M
ClientSampleId :
C0AA7MSD



Tgt Ion:153 Resp: 262
Ion Ratio Lower Upper
153 100
152 75.1 43.4 65.2
154 81.3 69.0 103.6

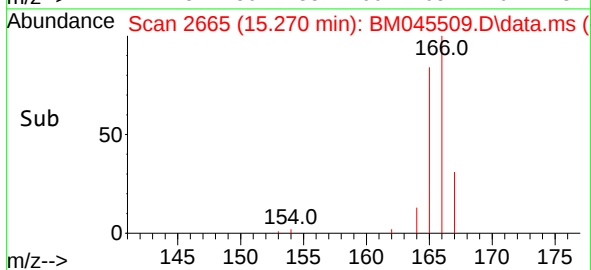
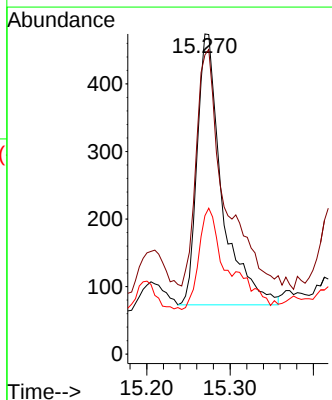
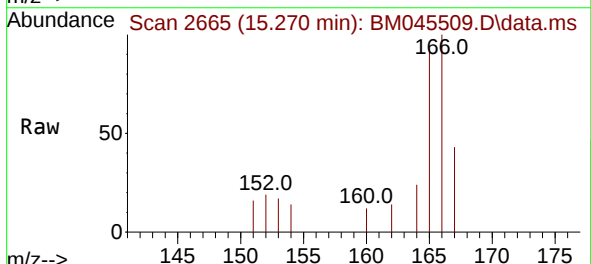
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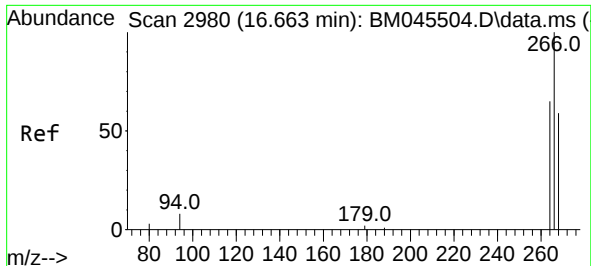
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.270 min Scan# 2665
Delta R.T. -0.018 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

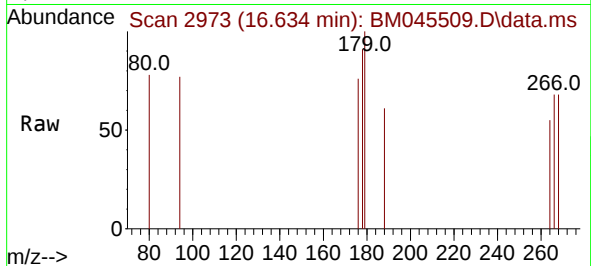
Tgt Ion:166 Resp: 829
Ion Ratio Lower Upper
166 100
165 93.5 82.2 123.2
167 43.2 14.8 22.2#





#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 16.634 min Scan# 2980
Delta R.T. -0.029 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

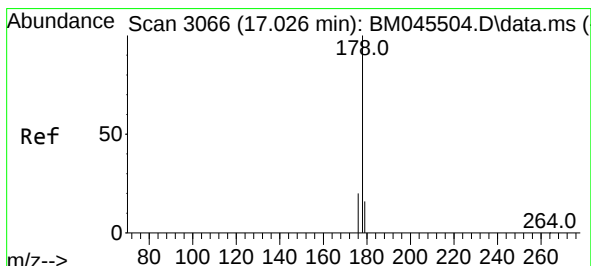
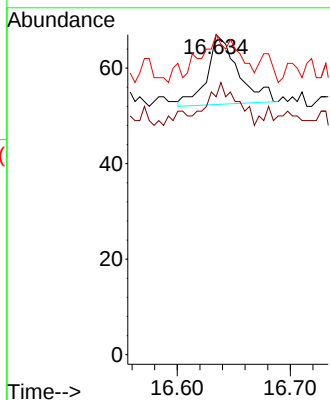
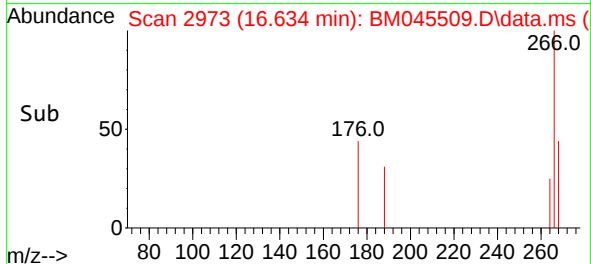
Instrument :
BNA_M
ClientSampleId :
C0AA7MSD



Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 57.1 45.5 68.3
268 75.0 56.1 84.1

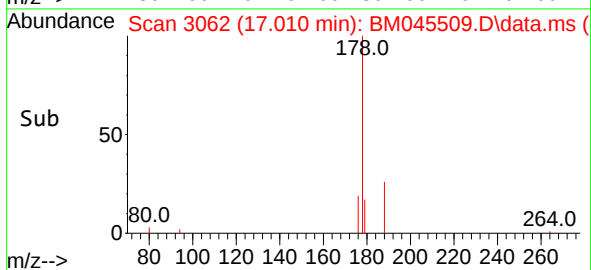
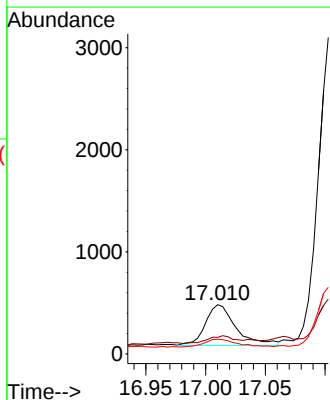
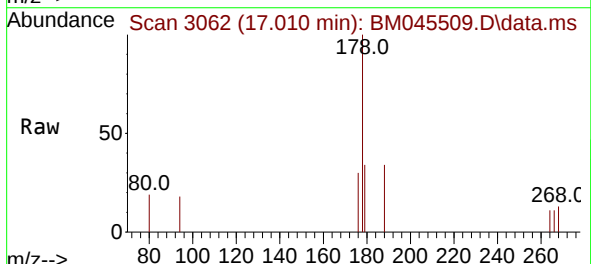
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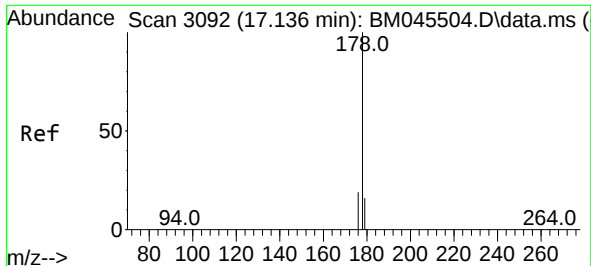
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#15
Phenanthrene
Concen: 0.044 ng/ul m
RT: 17.010 min Scan# 3062
Delta R.T. -0.016 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

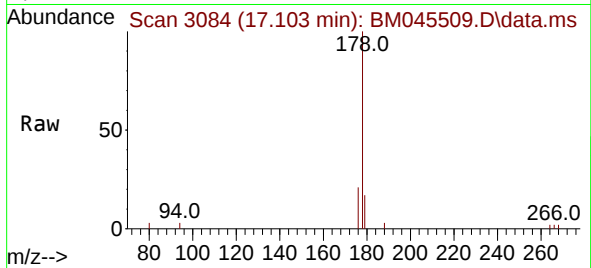
Tgt Ion:178 Resp: 705
Ion Ratio Lower Upper
178 100
179 33.8 15.4 23.2#
176 29.9 19.0 28.4#





#16
 Anthracene
 Concen: 0.367 ng/ul
 RT: 17.103 min Scan# 3092
 Delta R.T. -0.033 min
 Lab File: BM045509.D
 Acq: 23 Apr 2024 12:00

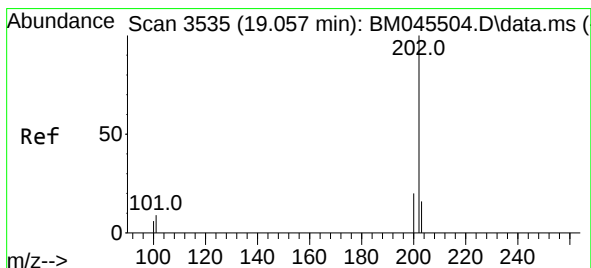
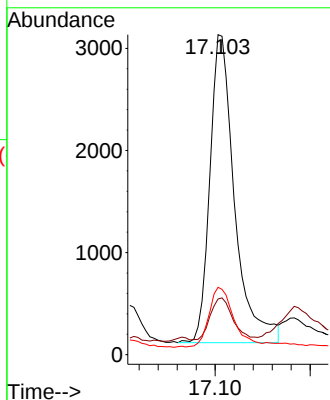
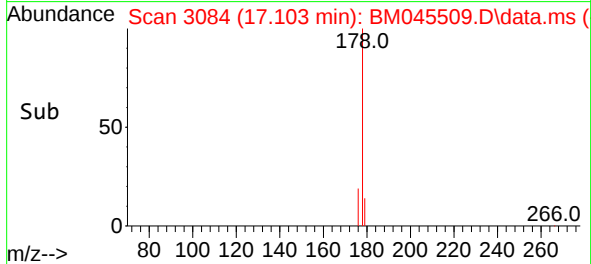
Instrument :
 BNA_M
 ClientSampleId :
 C0AA7MSD



Tgt Ion:178 Resp: 546
 Ion Ratio Lower Upper
 178 100
 179 17.4 17.8 26.6
 176 21.0 18.7 28.1

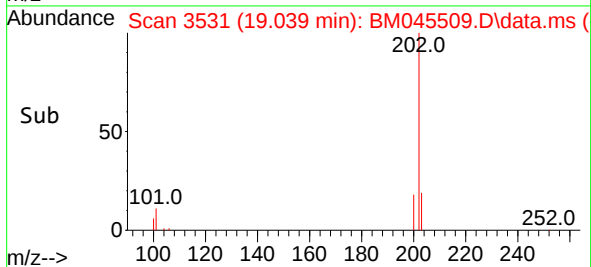
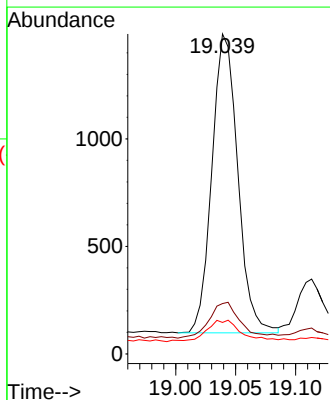
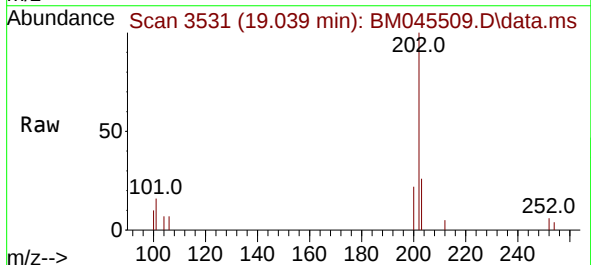
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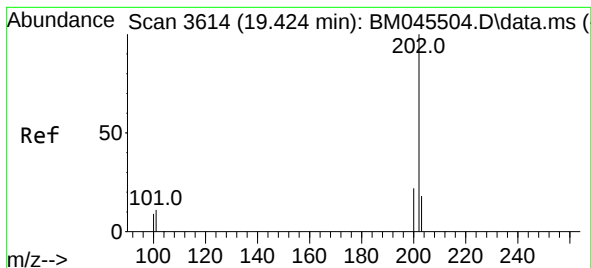
Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/26/2024



#19
 Fluoranthene
 Concen: 0.120 ng/ul
 RT: 19.039 min Scan# 3531
 Delta R.T. -0.018 min
 Lab File: BM045509.D
 Acq: 23 Apr 2024 12:00

Tgt Ion:202 Resp: 2088
 Ion Ratio Lower Upper
 202 100
 101 15.7 11.2 16.8
 100 9.8 9.1 13.7





#20

Pyrene

Concen: 0.030 ng/ul

RT: 19.406 min Scan# 3610

Delta R.T. -0.018 min

Lab File: BM045509.D

Acq: 23 Apr 2024 12:00

Instrument :

BNA_M

ClientSampleId :

C0AA7MSD

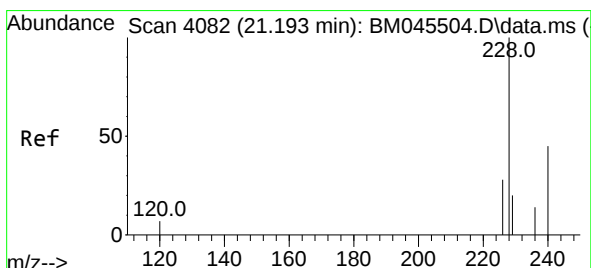
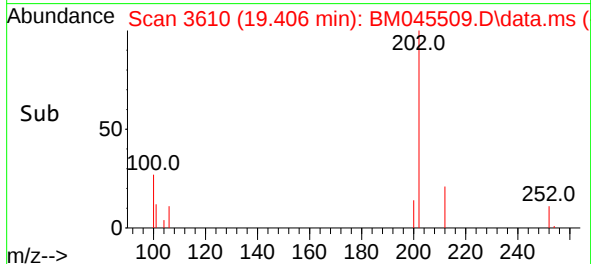
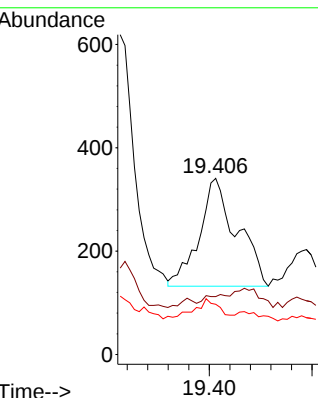
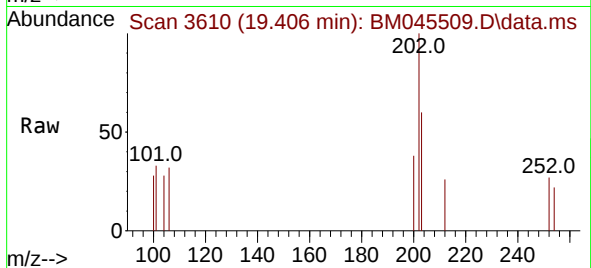
Tgt Ion:	202	Resp:	53
Ion Ratio	Lower	Upper	
202	100		
101	32.8	11.5	17.3
100	28.4	10.6	15.8

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Supervised By :mohammad ahmed 04/26/2024



#21

Benzo(a)anthracene

Concen: 0.127 ng/ul

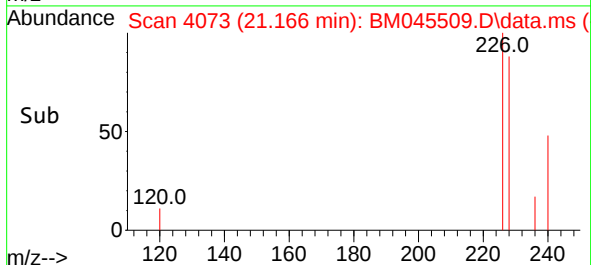
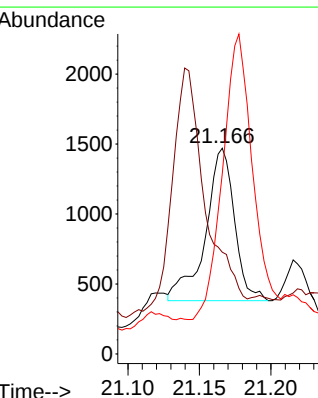
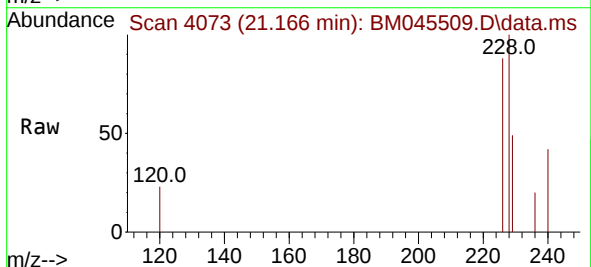
RT: 21.166 min Scan# 4073

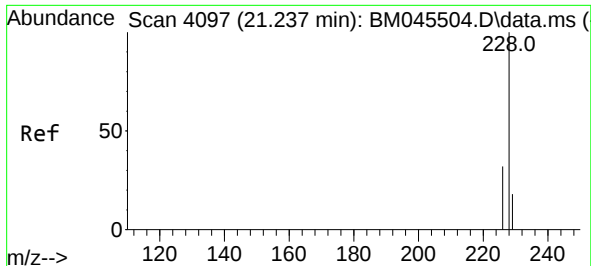
Delta R.T. -0.027 min

Lab File: BM045509.D

Acq: 23 Apr 2024 12:00

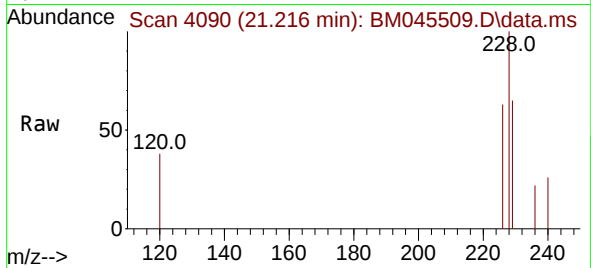
Tgt Ion:	228	Resp:	1535
Ion Ratio	Lower	Upper	
228	100		
229	49.4	19.4	29.2
226	87.6	26.3	39.5





#22
Chrysene
Concen: 0.023 ng/u1
RT: 21.216 min Scan# 4090
Delta R.T. -0.021 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

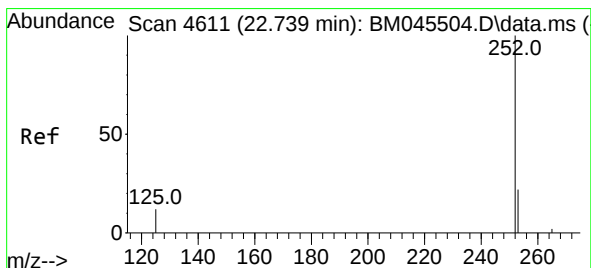
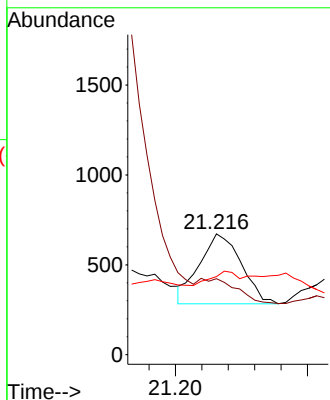
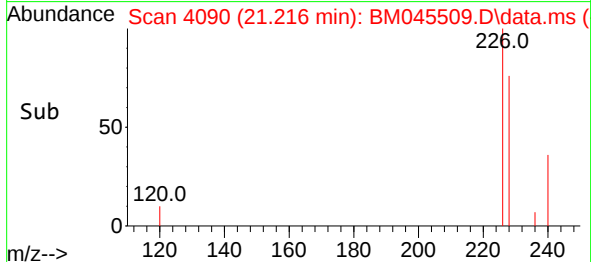
Instrument :
BNA_M
ClientSampleId :
C0AA7MSD



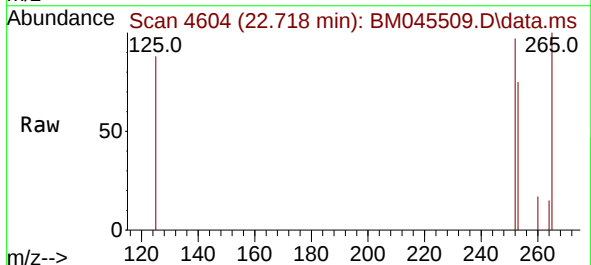
Tgt Ion:228 Resp: 429
Ion Ratio Lower Upper
228 100
226 62.9 26.3 39.5#
229 64.7 17.8 26.8#

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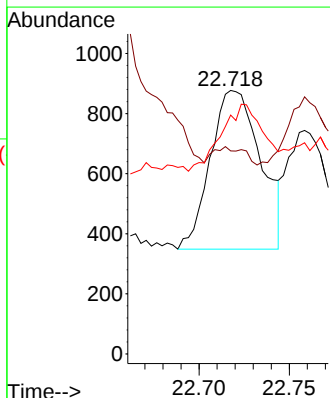
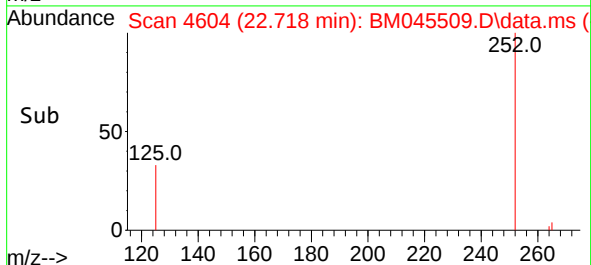
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024

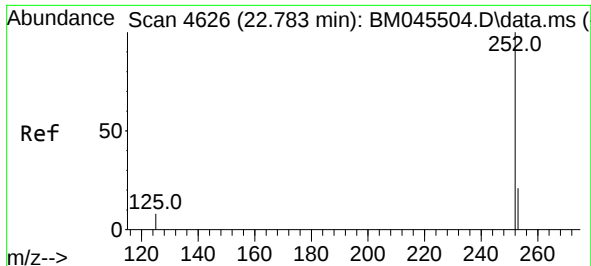


#24
Benzo(b)fluoranthene
Concen: 0.057 ng/u1
RT: 22.718 min Scan# 4604
Delta R.T. -0.021 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00



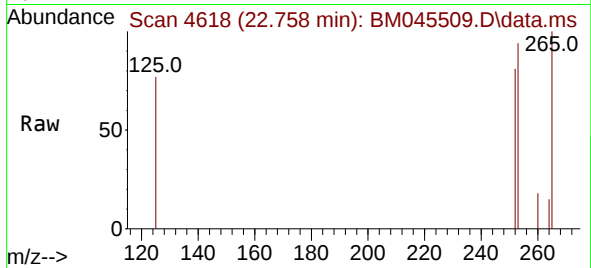
Tgt Ion:252 Resp: 1022
Ion Ratio Lower Upper
252 100
253 77.1 0.0 63.4#
125 90.6 0.0 36.8#





#25
Benzo(k)fluoranthene
Concen: 0.026 ng/u1
RT: 22.758 min Scan# 4618
Delta R.T. -0.024 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

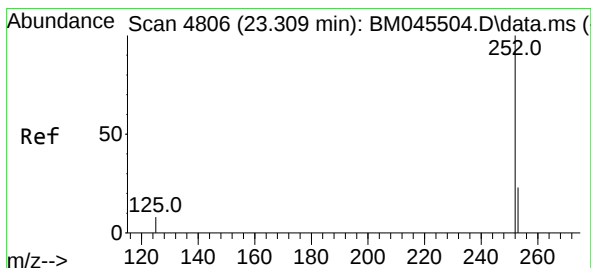
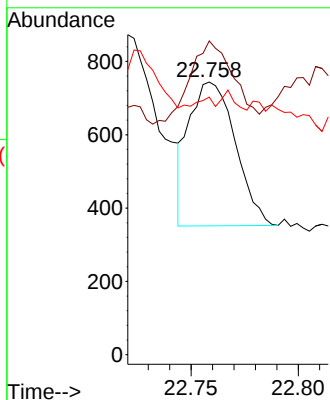
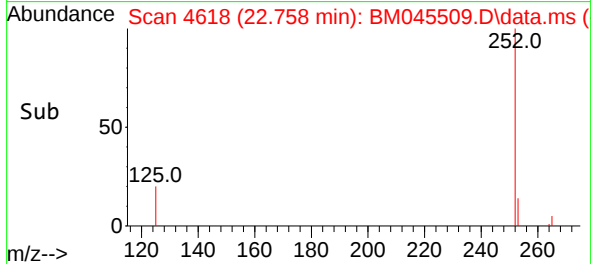
Instrument :
BNA_M
ClientSampleId :
C0AA7MSD



Tgt Ion:252 Resp: 589
Ion Ratio Lower Upper
252 100
253 115.1 25.4 38.0#
125 94.5 14.8 22.2#

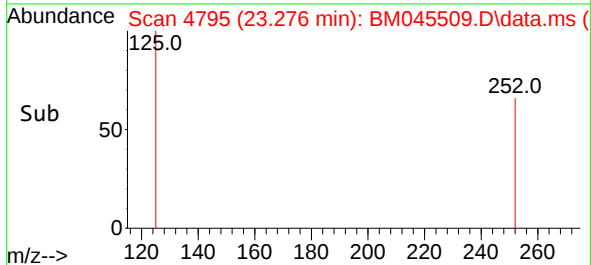
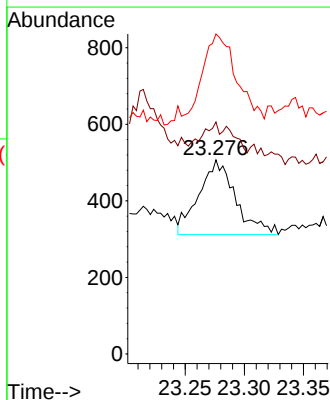
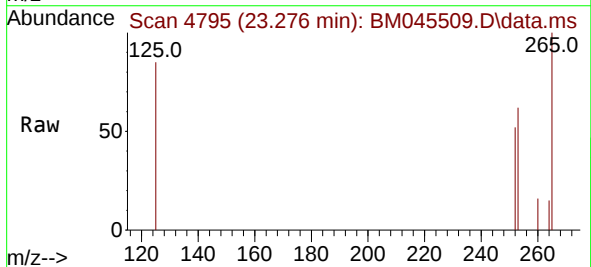
Manual Integrations
APPROVED

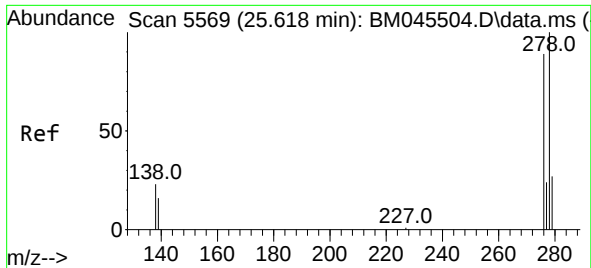
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#26
Benzo(a)pyrene
Concen: 0.023 ng/u1
RT: 23.276 min Scan# 4795
Delta R.T. -0.033 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

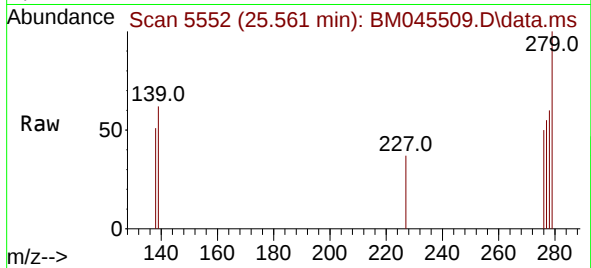
Tgt Ion:252 Resp: 419
Ion Ratio Lower Upper
252 100
253 119.5 31.6 47.4#
125 164.9 19.5 29.3#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.026 ng/ul
 RT: 25.561 min Scan# 51
 Delta R.T. -0.058 min
 Lab File: BM045509.D
 Acq: 23 Apr 2024 12:00

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7MSD



Tgt Ion:278 Resp: 562
 Ion Ratio Lower Upper
 278 100
 139 102.4 19.0 28.6
 279 165.6 29.4 44.2

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