

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049204.D
 Acq On : 25 Dec 2024 03:12
 Operator : RC/JU
 Sample : P5333-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2906

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 03:38:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	10287	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	33360	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.183	164	20428	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	46278	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	39649	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	45583	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	37265	3.141	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.904	152	8481	0.189	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	17902	0.159	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.354	128	263224	3.152	ng/ul	98
7) 2-Methylnaphthalene	11.976	142	137019	2.590	ng/ul	98
8) 1-Methylnaphthalene	12.201	142	92606	1.709	ng/ul	100
10) Acenaphthylene	13.901	152	30119	0.356	ng/ul#	95
11) Acenaphthene	14.243	153	369469	5.979	ng/ul	99
12) Fluorene	15.238	166	272892	3.914	ng/ul	98
15) Phenanthrene	16.981	178	7133972	59.022	ng/ul	99
16) Anthracene	17.065	178	584784	5.271	ng/ul	99
19) Fluoranthene	19.007	202	8174961	57.026	ng/ul	99
20) Pyrene	19.369	202	5096954	33.339	ng/ul	98
21) Benzo(a)anthracene	21.122	228	2744513	19.900	ng/ul	98
22) Chrysene	21.175	228	3094898	20.910	ng/ul	97
24) Benzo(b)fluoranthene	22.656	252	3616992m	24.837	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	1342952m	8.404	ng/ul	
26) Benzo(a)pyrene	23.197	252	1114313m	7.979	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.423	276	1053447	5.330	ng/ul	93
28) Dibenzo(a,h)anthracene	25.433	278	399519	2.602	ng/ul	97
29) Benzo(g,h,i)perylene	26.071	276	127140	0.800	ng/ul	98

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

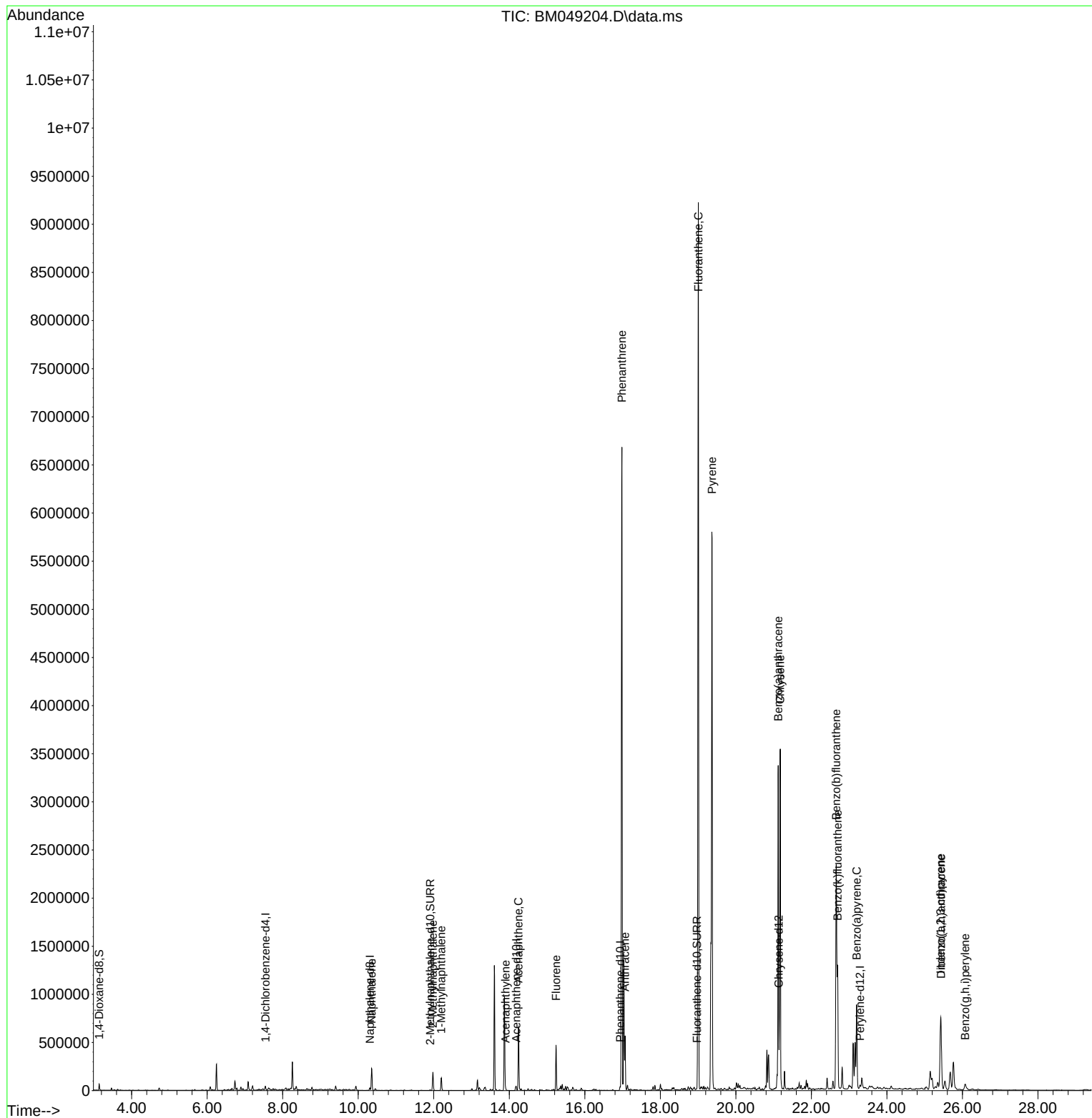
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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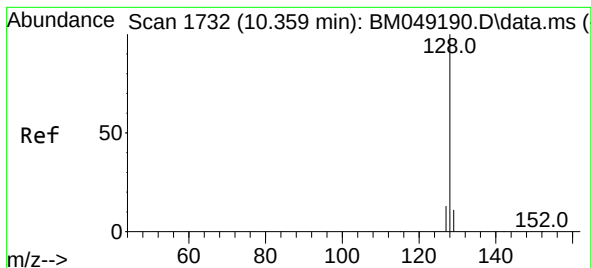
Instrument :
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ClientSampleId :
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Quant Time: Dec 25 03:38:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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#5

Naphthalene

Concen: 3.152 ng/ul

RT: 10.354 min Scan# 1731

Delta R.T. -0.026 min

Lab File: BM049204.D

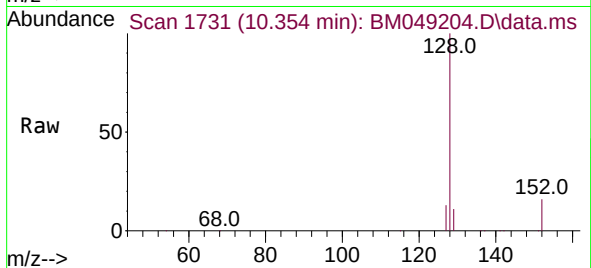
Acq: 25 Dec 2024 03:12

Instrument :

BNA_M

ClientSampleId :

E2906



Tgt Ion:128 Resp: 263224

Ion Ratio Lower Upper

128 100

129 11.1 9.7 14.5

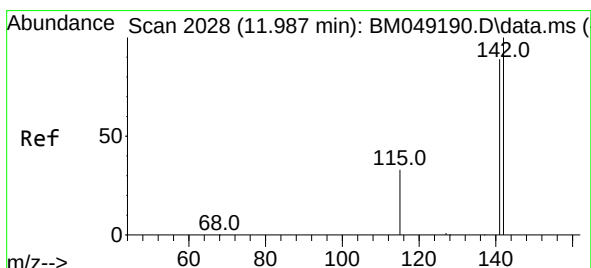
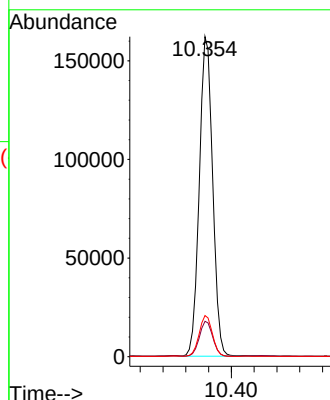
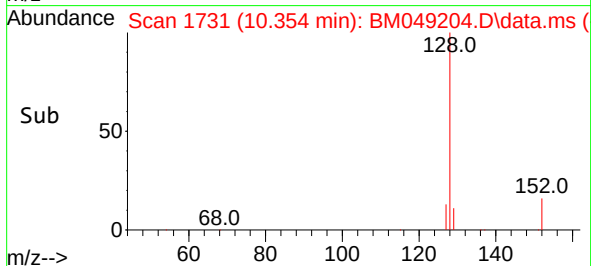
127 12.8 10.6 16.0

Manual Integrations

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Supervised By :mohammad ahmed 12/26/2024



#7

2-Methylnaphthalene

Concen: 2.590 ng/ul

RT: 11.976 min Scan# 2026

Delta R.T. -0.026 min

Lab File: BM049204.D

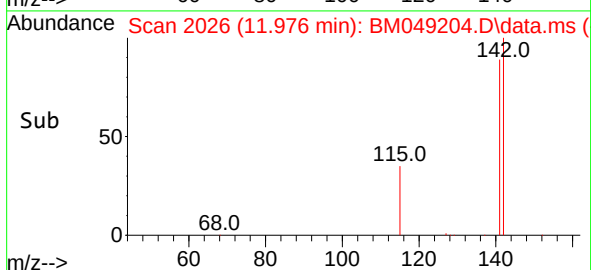
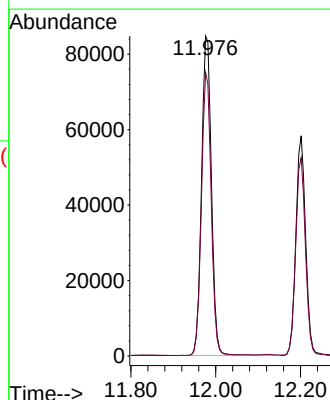
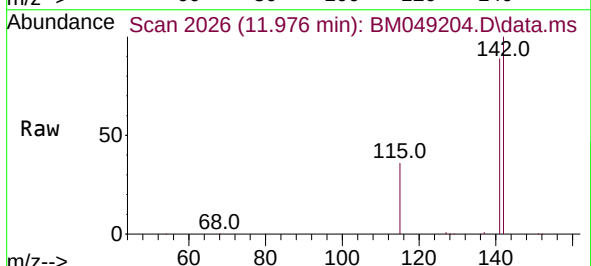
Acq: 25 Dec 2024 03:12

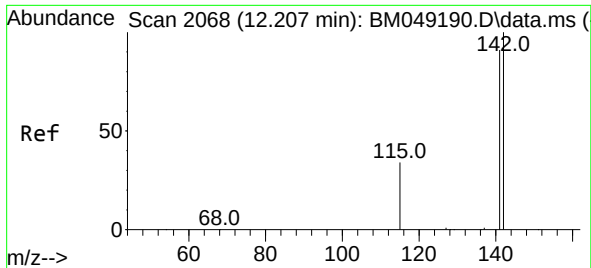
Tgt Ion:142 Resp: 137019

Ion Ratio Lower Upper

142 100

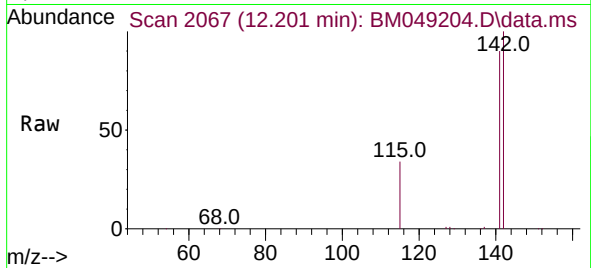
141 87.6 71.7 107.5





#8
1-Methylnaphthalene
Concen: 1.709 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.021 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

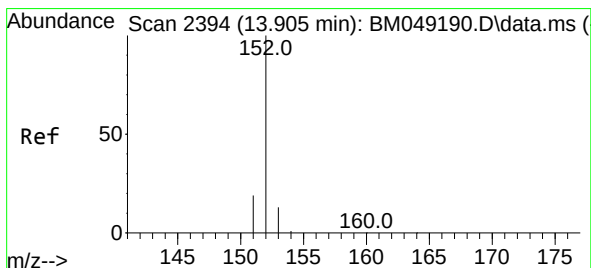
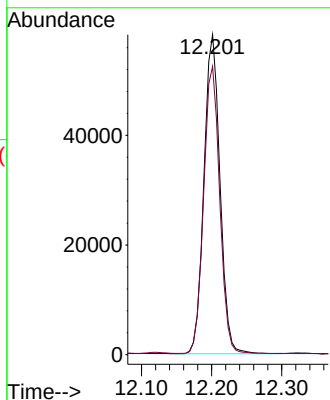
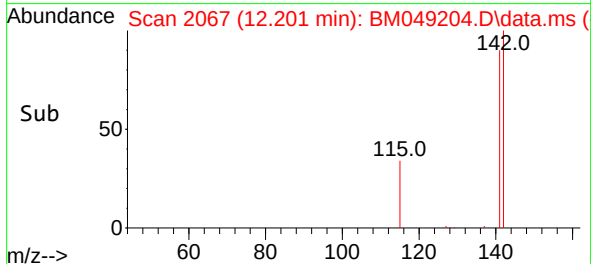
Instrument :
BNA_M
ClientSampleId :
E2906



Tgt Ion:142 Resp: 92600
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1

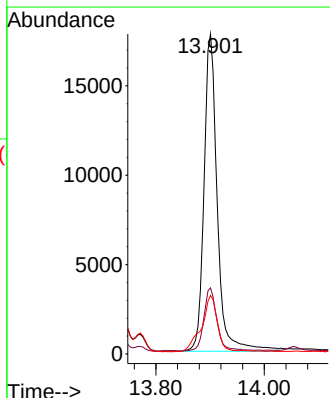
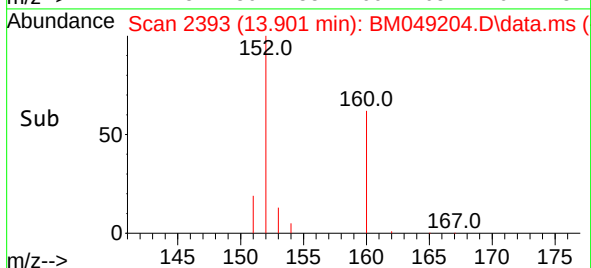
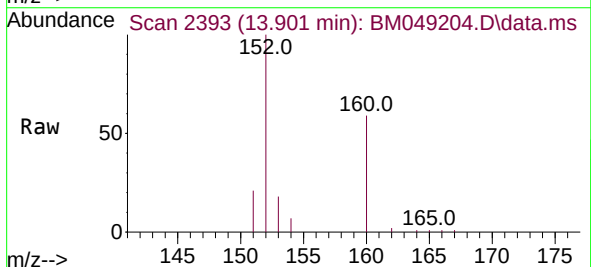
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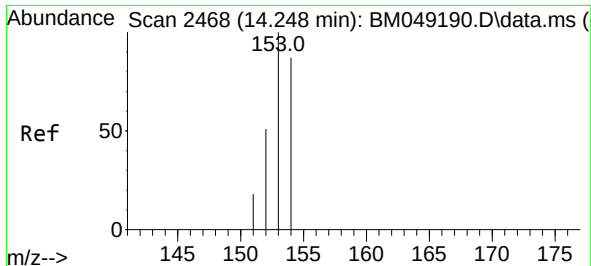
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

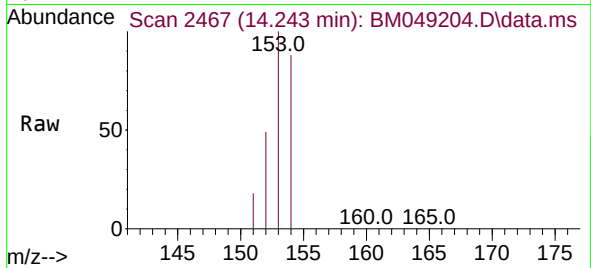
Tgt Ion:152 Resp: 30119
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 18.3 11.0 16.6#





#11
Acenaphthene
Concen: 5.979 ng/u1
RT: 14.243 min Scan# 2467
Delta R.T. -0.022 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

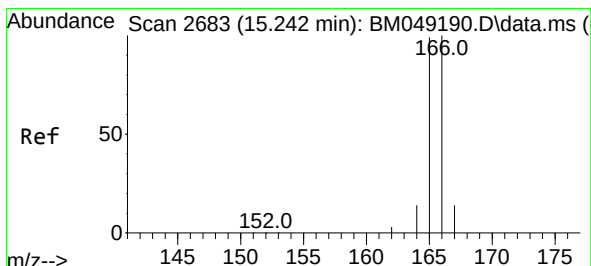
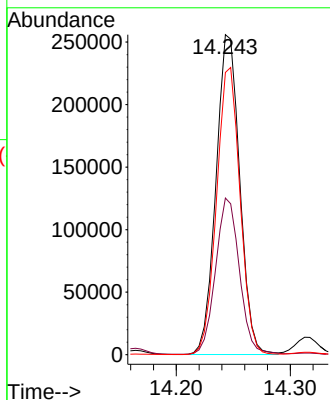
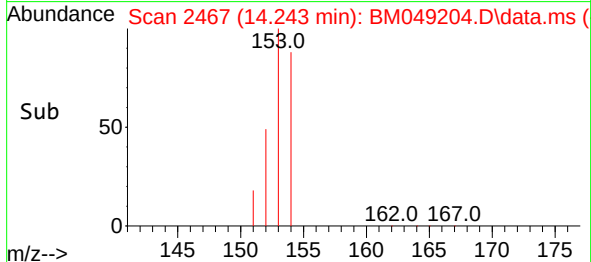
Instrument :
BNA_M
ClientSampleId :
E2906



Tgt Ion:153 Resp: 369469
Ion Ratio Lower Upper
153 100
152 49.0 40.7 61.1
154 88.2 70.8 106.2

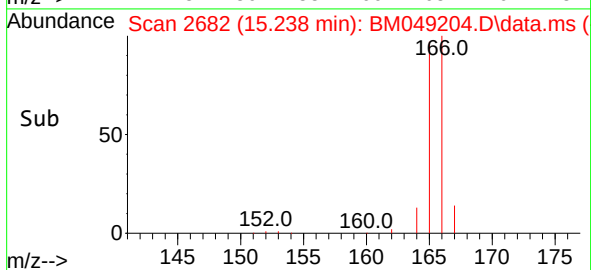
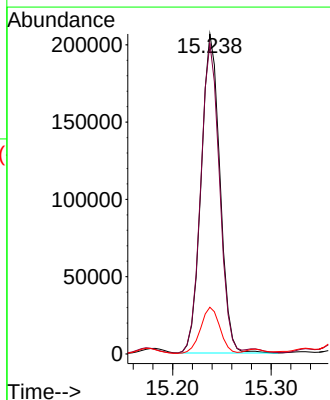
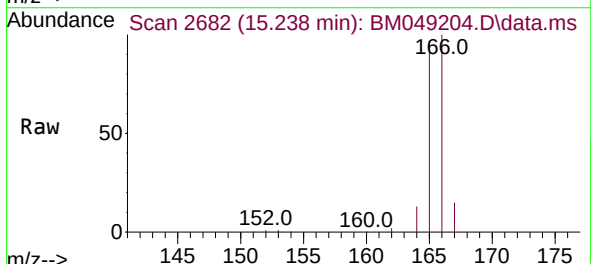
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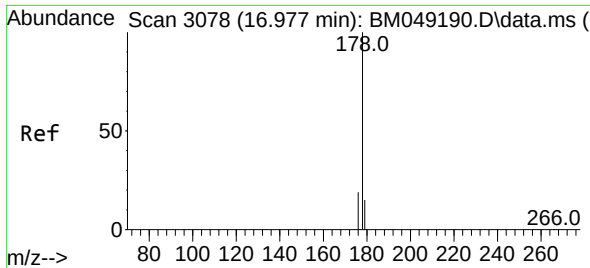
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 3.914 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.017 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

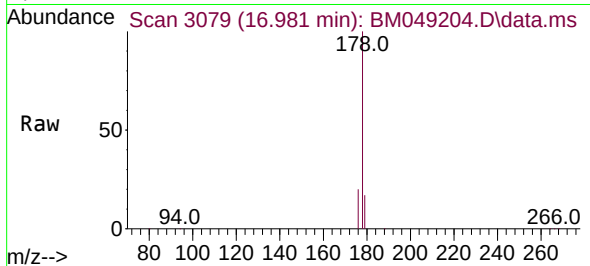
Tgt Ion:166 Resp: 272892
Ion Ratio Lower Upper
166 100
165 97.0 79.7 119.5
167 14.6 11.4 17.0





#15
Phenanthrene
Concen: 59.022 ng/ul
RT: 16.981 min Scan# 3078
Delta R.T. -0.011 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

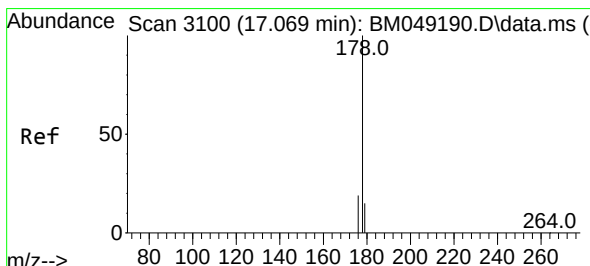
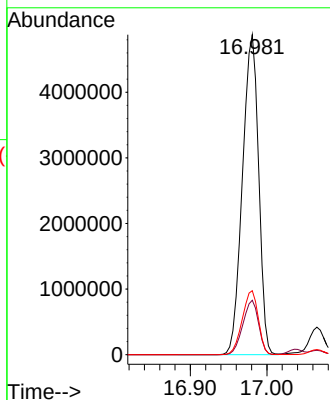
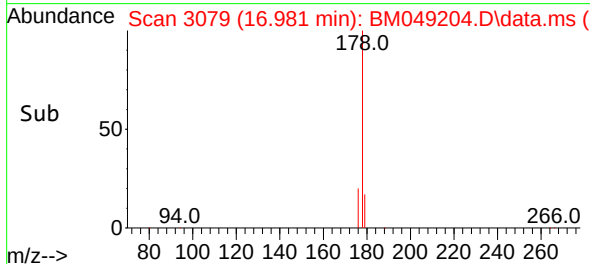
Instrument :
BNA_M
ClientSampleId :
E2906



Tgt Ion:178 Resp: 713397
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.0 16.2 24.2

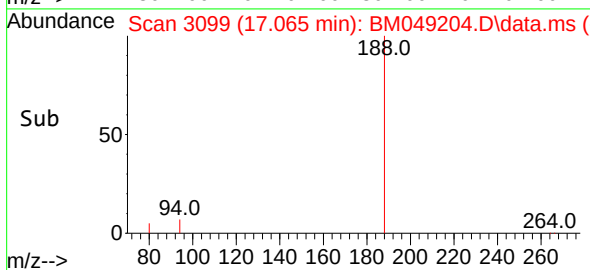
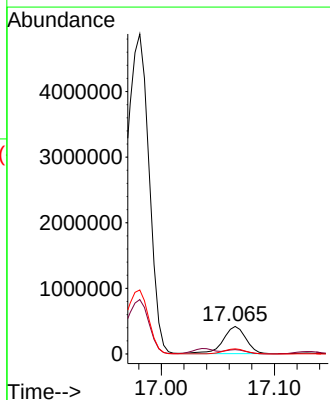
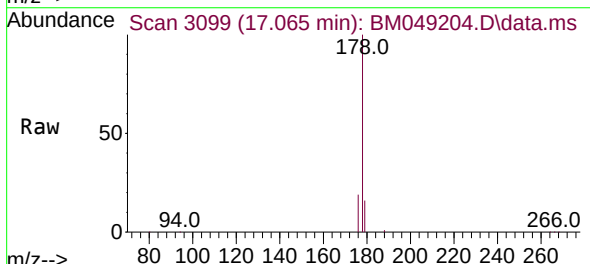
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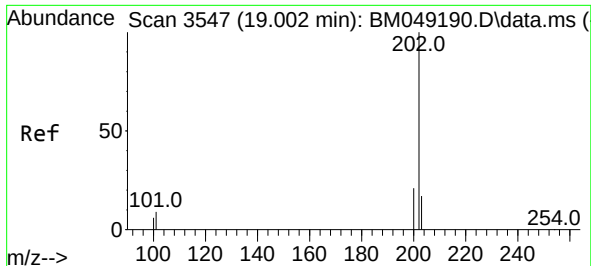
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 5.271 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

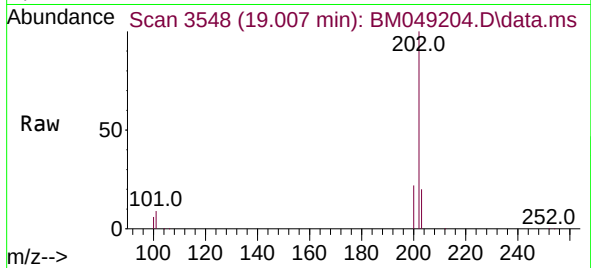
Tgt Ion:178 Resp: 584784
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 57.026 ng/ul
RT: 19.007 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

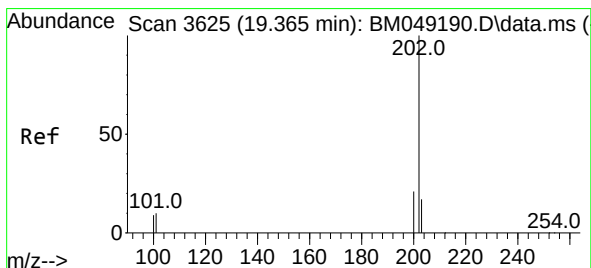
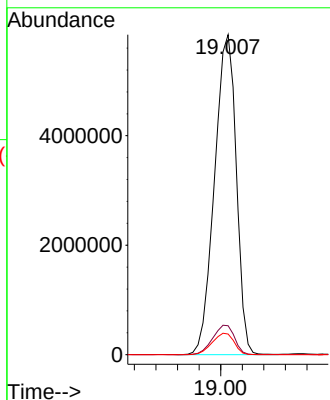
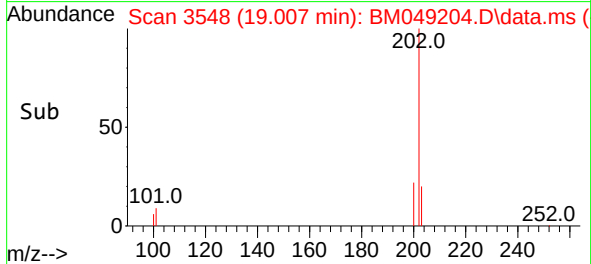
Instrument :
BNA_M
ClientSampleId :
E2906



Tgt Ion:202 Resp: 817496
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 6.4 5.5 8.3

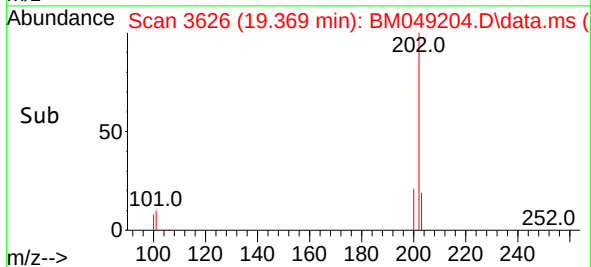
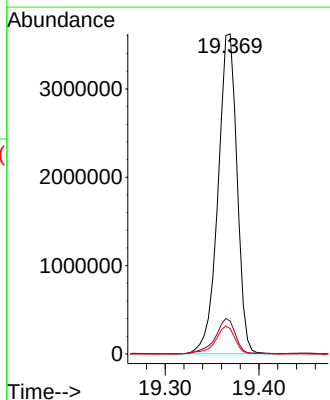
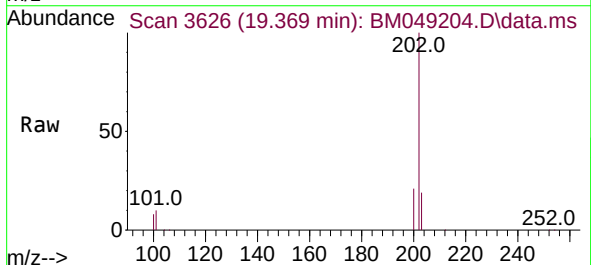
Manual Integrations
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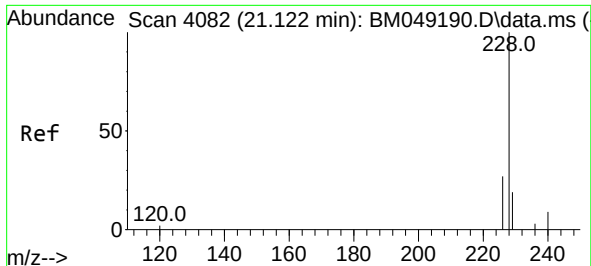
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 33.339 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.008 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

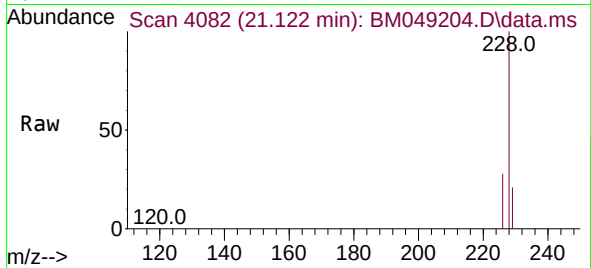
Tgt Ion:202 Resp: 5096954
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 7.9 6.9 10.3





#21
Benzo(a)anthracene
Concen: 19.900 ng/ul
RT: 21.122 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

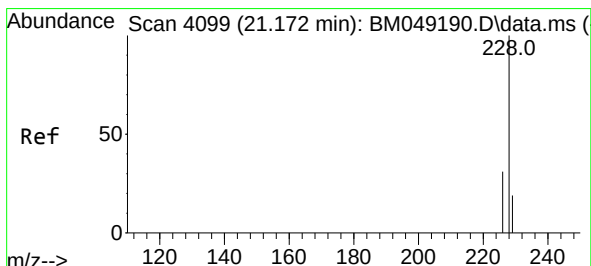
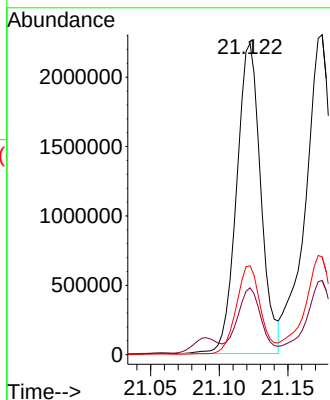
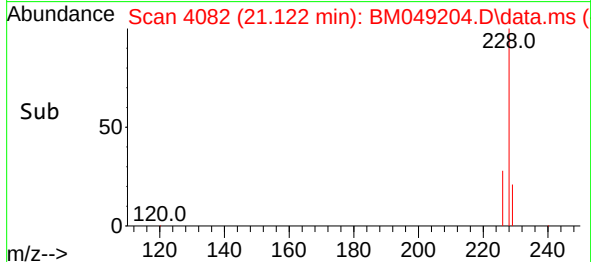
Instrument :
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E2906



Tgt Ion:228 Resp: 2744511
Ion Ratio Lower Upper
228 100
229 21.5 15.9 23.9
226 28.5 22.6 34.0

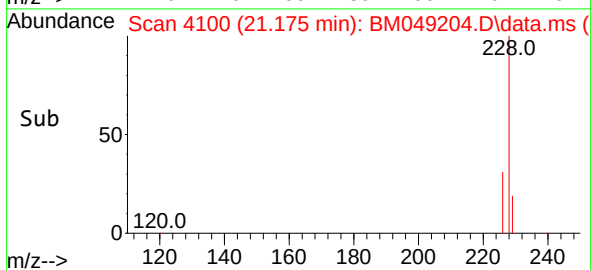
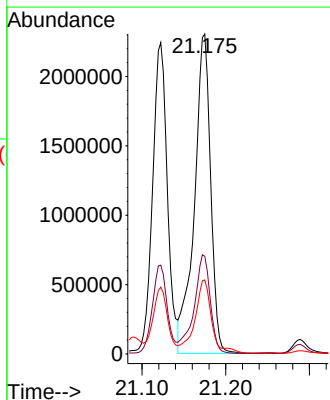
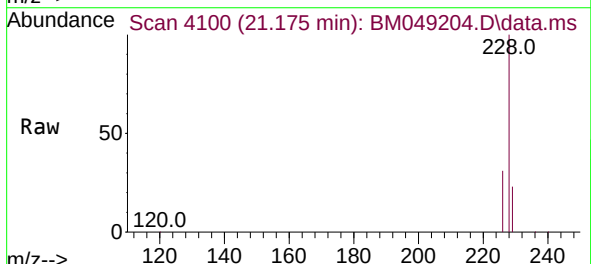
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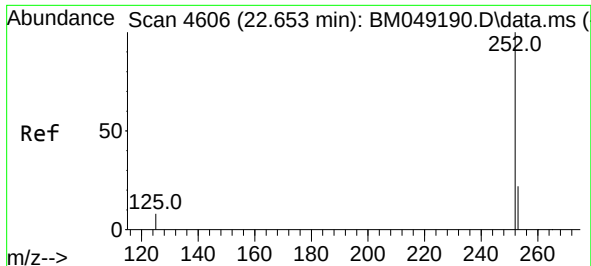
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 20.910 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

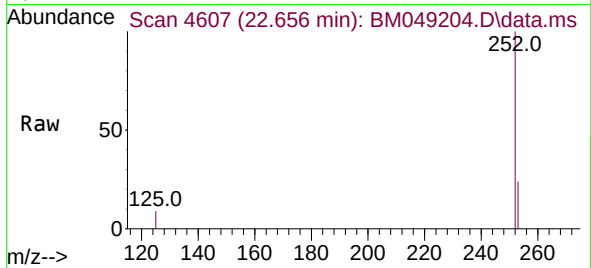
Tgt Ion:228 Resp: 3094898
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 23.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 24.837 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

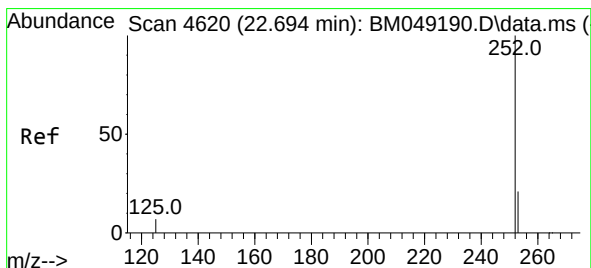
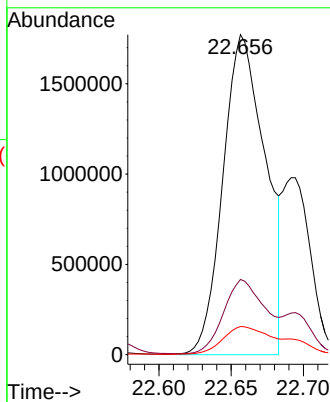
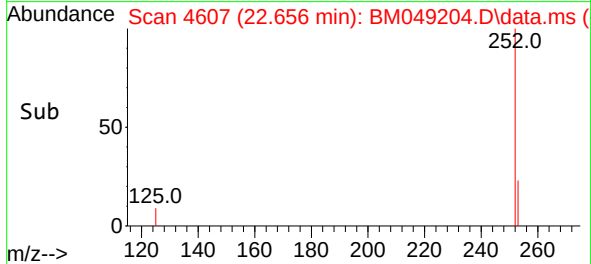
Instrument :
BNA_M
ClientSampleId :
E2906



Tgt Ion:252 Resp: 3616992
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.6
125 8.8 0.0 30.8

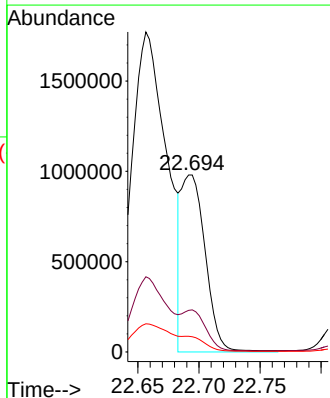
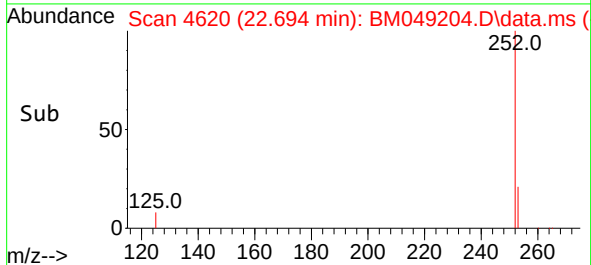
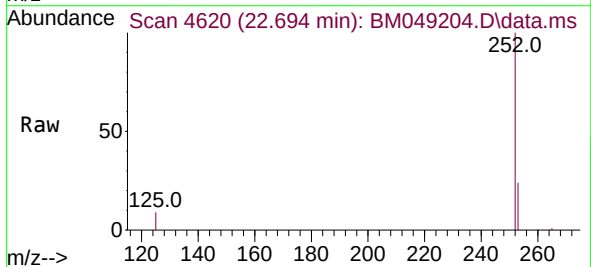
Manual Integrations
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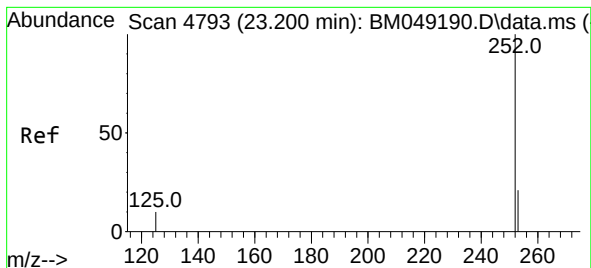
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 8.404 ng/ul m
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

Tgt Ion:252 Resp: 1342952
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 8.6 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 7.979 ng/ul m

RT: 23.197 min Scan# 4

Delta R.T. -0.012 min

Lab File: BM049204.D

Acq: 25 Dec 2024 03:12

Instrument :

BNM_M

ClientSampleId :

E2906

Tgt Ion:252 Resp: 111431

Ion Ratio Lower Upper

252 100

253 23.2 22.4 33.6

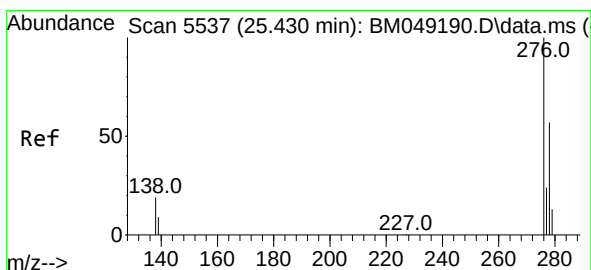
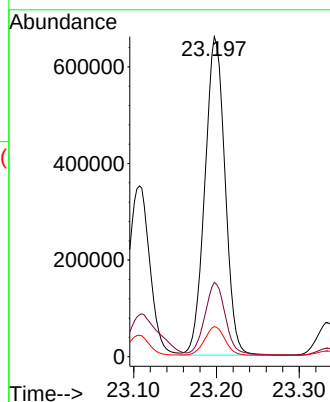
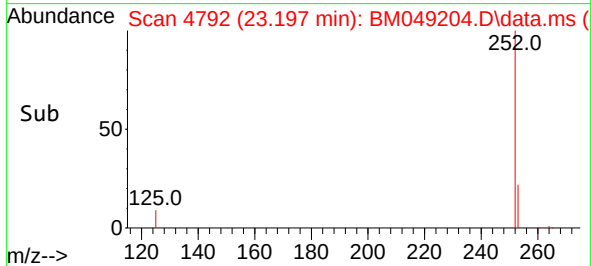
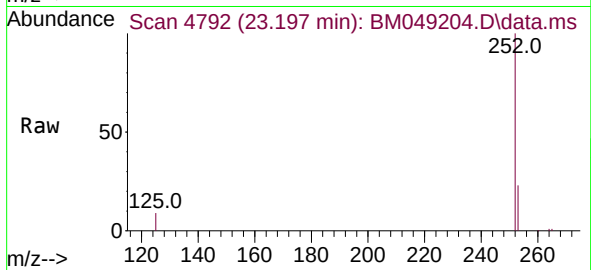
125 9.4 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.330 ng/ul

RT: 25.423 min Scan# 5535

Delta R.T. -0.024 min

Lab File: BM049204.D

Acq: 25 Dec 2024 03:12

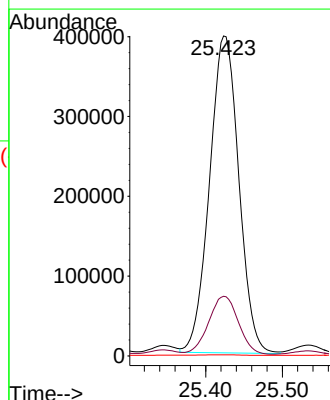
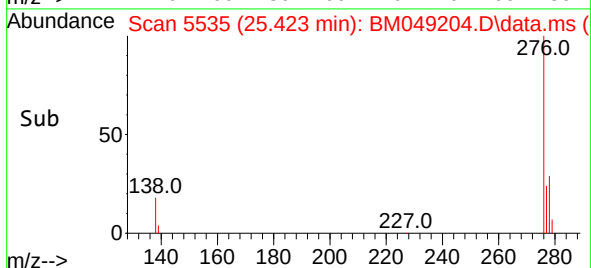
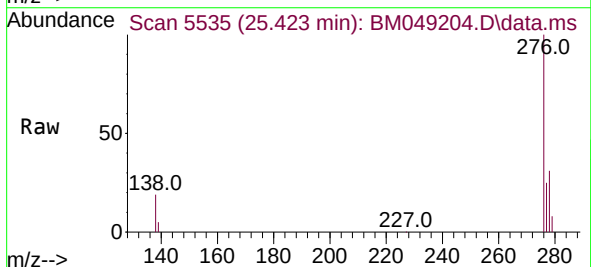
Tgt Ion:276 Resp: 1053447

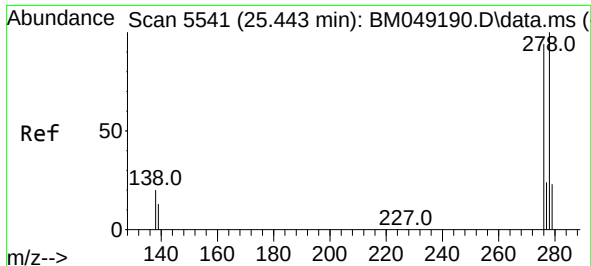
Ion Ratio Lower Upper

276 100

138 18.6 17.4 26.2

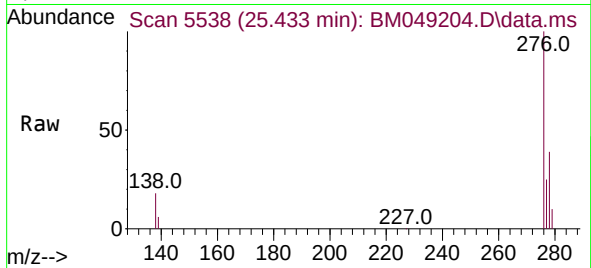
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 2.602 ng/ul
RT: 25.433 min Scan# 5541
Delta R.T. -0.034 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12

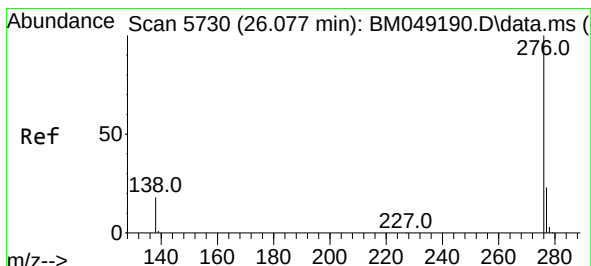
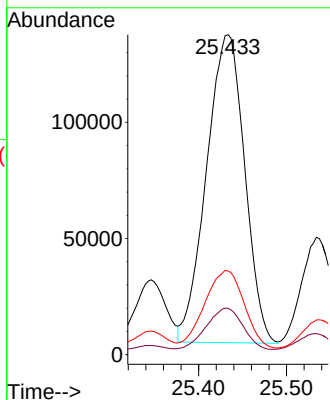
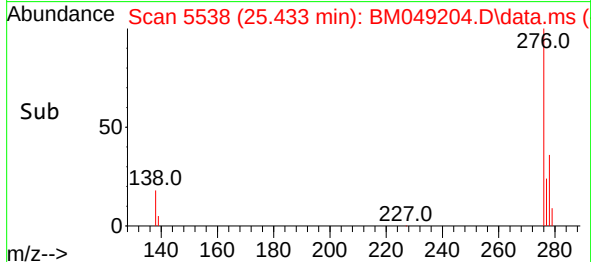
Instrument :
BNA_M
ClientSampleId :
E2906



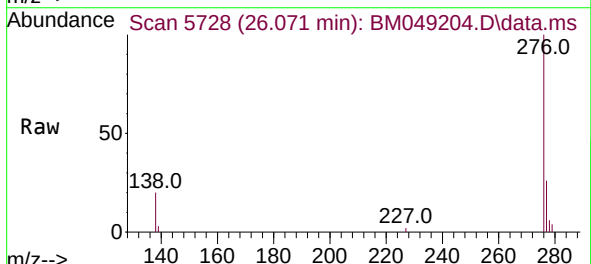
Tgt Ion:278 Resp: 399519
Ion Ratio Lower Upper
278 100
139 14.5 13.5 20.3
279 26.2 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 26.071 min Scan# 5728
Delta R.T. -0.024 min
Lab File: BM049204.D
Acq: 25 Dec 2024 03:12



Tgt Ion:276 Resp: 127140
Ion Ratio Lower Upper
276 100
138 20.3 16.7 25.1
277 26.0 19.9 29.9

