

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049159.D
 Acq On : 23 Dec 2024 23:19
 Operator : RC/JU
 Sample : P5333-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2904

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:04:11 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	7.552	152	5884	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	17174	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	9509	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.938	188	21727m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.138	240	19800m	0.400	ng/ul	0.00
23) Perylene-d12	23.292	264	20229m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	24418	3.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	4900	0.212	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	10657	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	2265	0.053	ng/ul#	91
7) 2-Methylnaphthalene	11.991	142	1432	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.211	142	998	0.036	ng/ul	95
15) Phenanthrene	16.976	178	18107m	0.319	ng/ul	
16) Anthracene	17.069	178	3163m	0.061	ng/ul	
19) Fluoranthene	19.001	202	22763	0.318	ng/ul	99
20) Pyrene	19.364	202	19973	0.262	ng/ul	96
21) Benzo(a)anthracene	21.123	228	8037	0.117	ng/ul	95
22) Chrysene	21.173	228	11810m	0.160	ng/ul	
24) Benzo(b)fluoranthene	22.654	252	16399m	0.254	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	6588m	0.093	ng/ul	
26) Benzo(a)pyrene	23.198	252	9594	0.155	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.427	276	8897	0.101	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.437	278	2167	0.032	ng/ul#	40
29) Benzo(g,h,i)perylene	26.078	276	10474	0.148	ng/ul	94

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

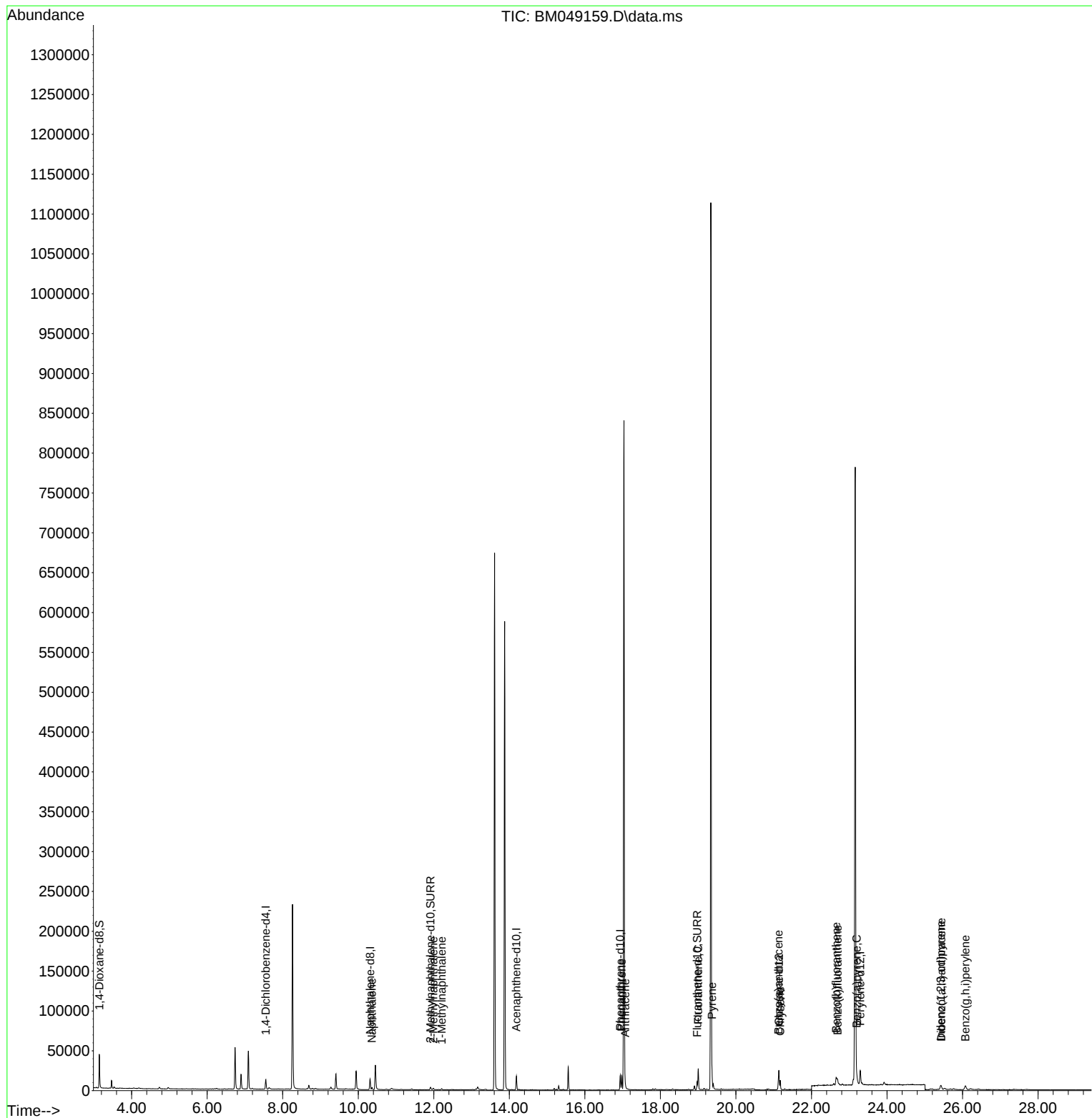
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049159.D
Acq On : 23 Dec 2024 23:19
Operator : RC/JU
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ALS Vial : 22 Sample Multiplier: 1

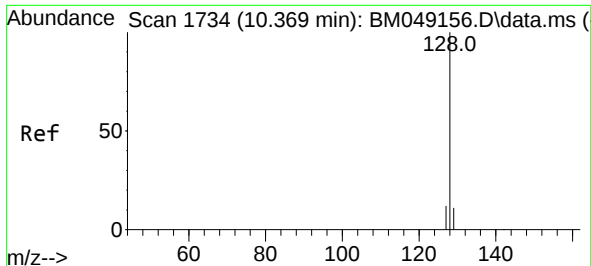
Instrument :
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Quant Time: Dec 24 00:04:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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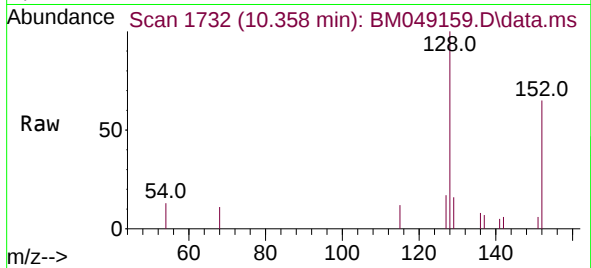
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.022 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

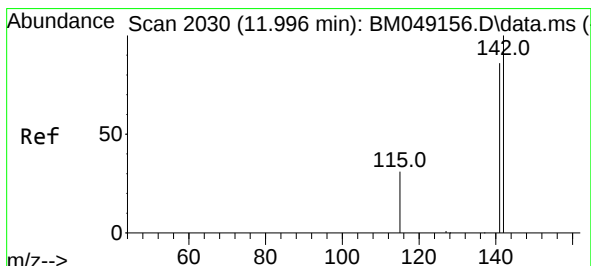
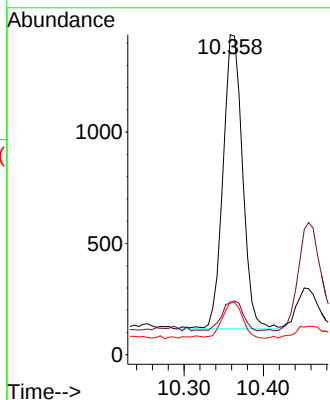
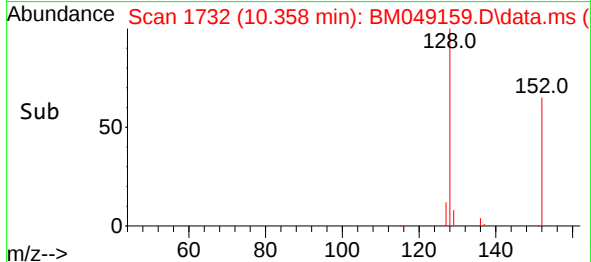
Instrument :
BNA_M
ClientSampleId :
E2904



Tgt Ion:128 Resp: 226
Ion Ratio Lower Upper
128 100
129 16.1 9.7 14.5
127 16.6 10.6 16.0

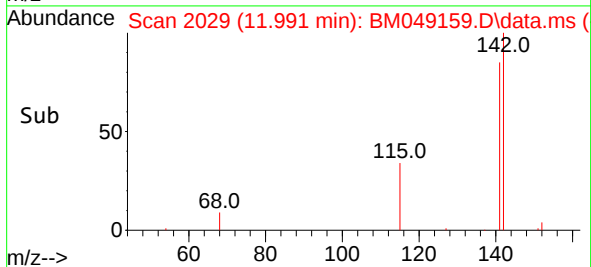
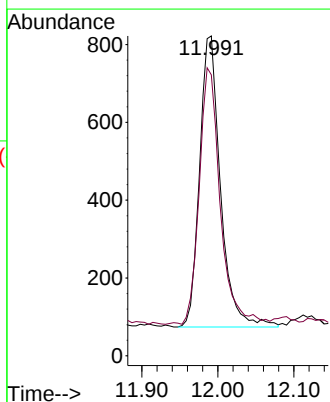
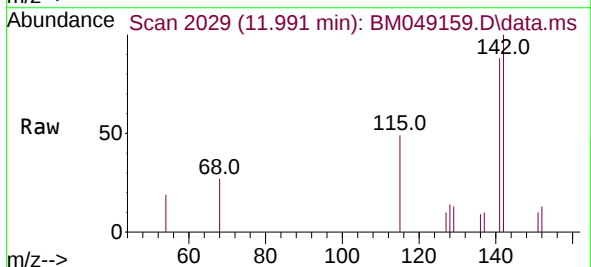
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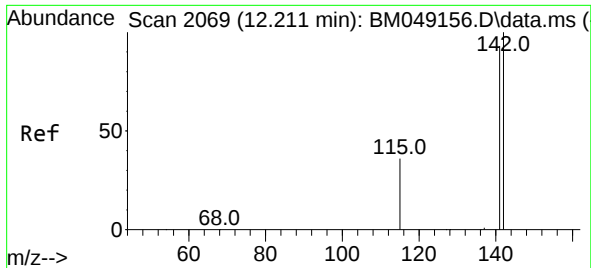
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

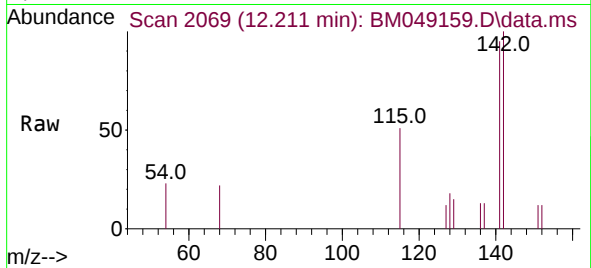
Tgt Ion:142 Resp: 1432
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

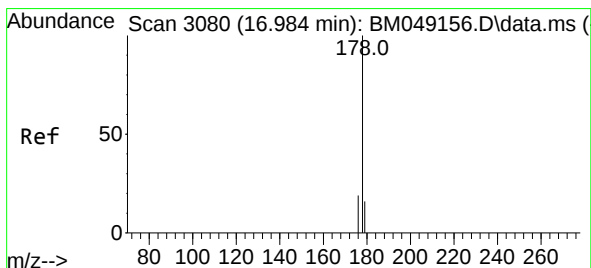
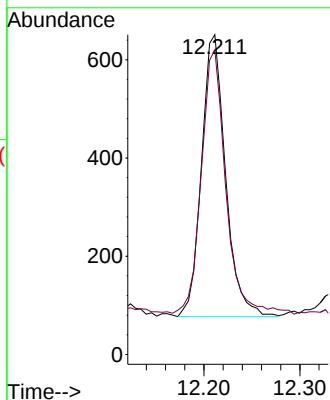
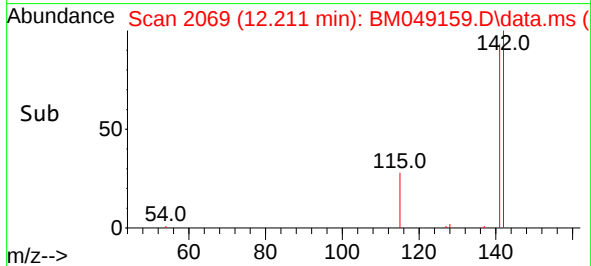
Instrument :
BNA_M
ClientSampleId :
E2904



Tgt Ion:142 Resp: 998
Ion Ratio Lower Upper
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141 95.5 72.7 109.1

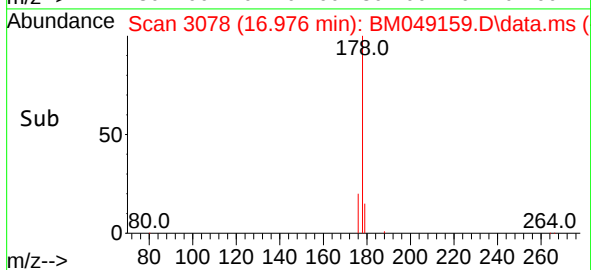
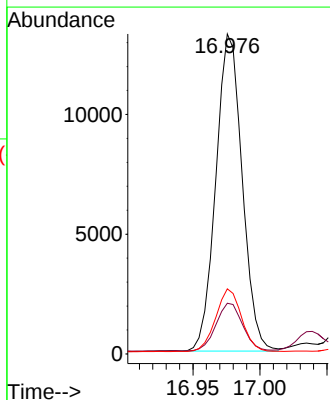
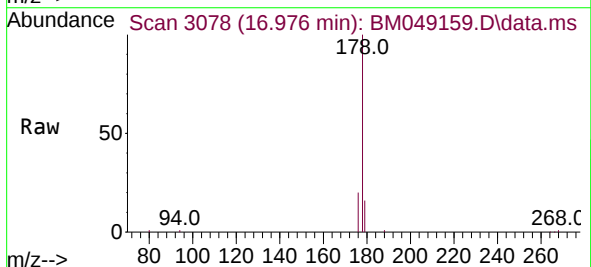
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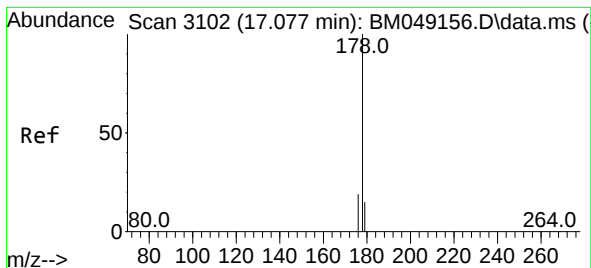
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.319 ng/ul m
RT: 16.976 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

Tgt Ion:178 Resp: 18107
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 20.3 16.2 24.2





#16

Anthracene

Concen: 0.061 ng/ul m

RT: 17.069 min Scan# 3100

Delta R.T. -0.017 min

Lab File: BM049159.D

Acq: 23 Dec 2024 23:19

Instrument :

BNA_M

ClientSampleId :

E2904

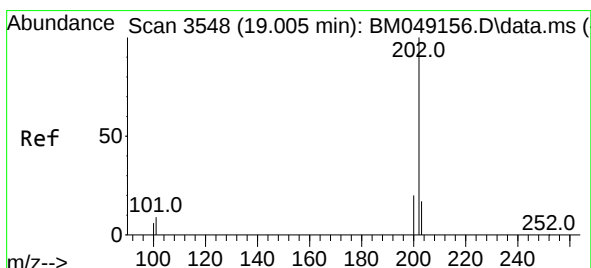
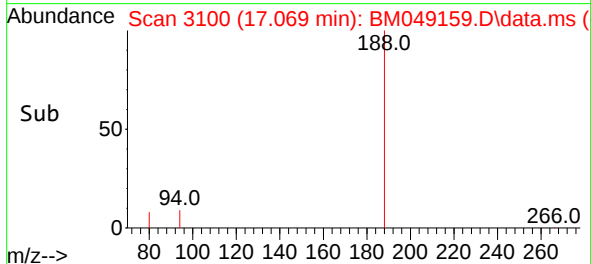
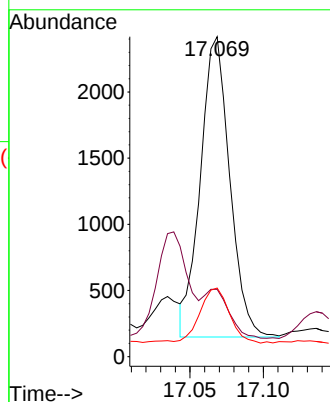
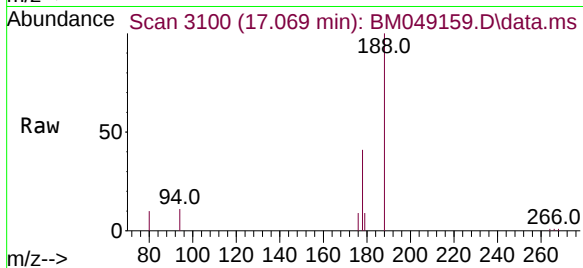
Tgt Ion:	178	Resp:	316
Ion Ratio	Lower	Upper	
178	100		
179	21.1	12.9	19.3
176	21.4	15.3	22.9

Manual Integrations

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#19

Fluoranthene

Concen: 0.318 ng/ul

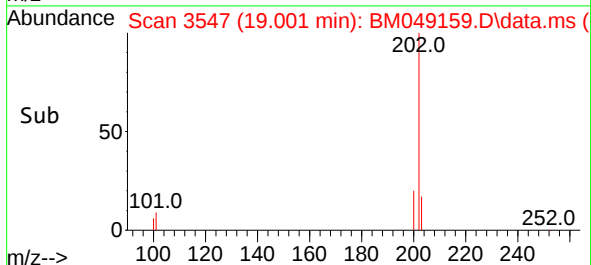
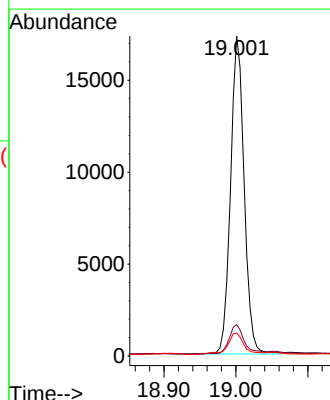
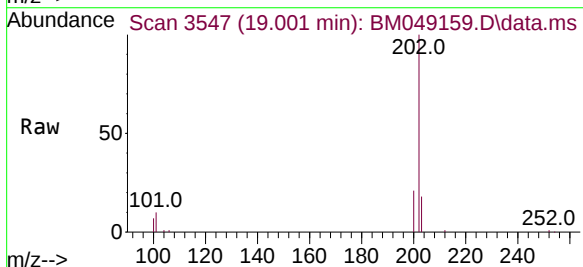
RT: 19.001 min Scan# 3547

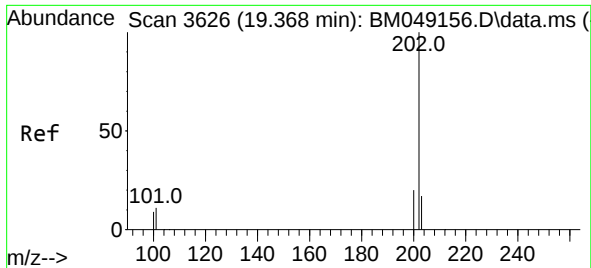
Delta R.T. -0.014 min

Lab File: BM049159.D

Acq: 23 Dec 2024 23:19

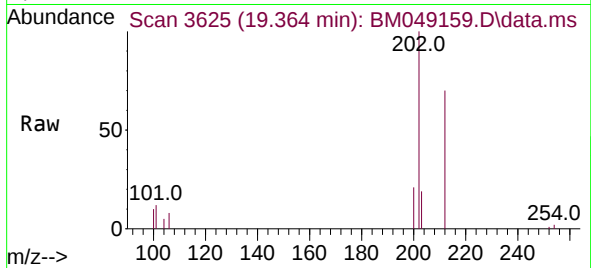
Tgt Ion:	202	Resp:	22763
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.6	11.4
100	7.1	5.5	8.3





#20
Pyrene
Concen: 0.262 ng/ul
RT: 19.364 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

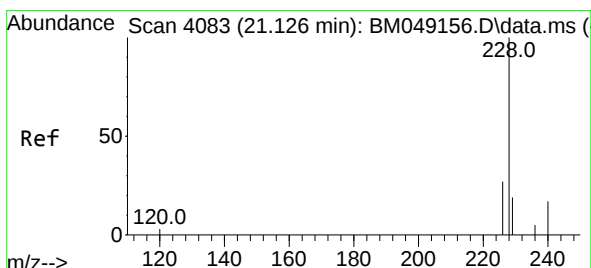
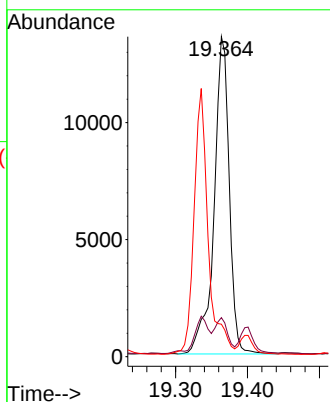
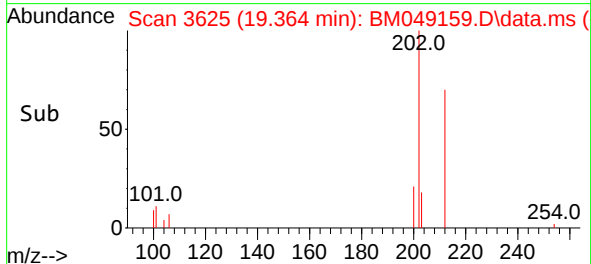
Instrument :
BNA_M
ClientSampleId :
E2904



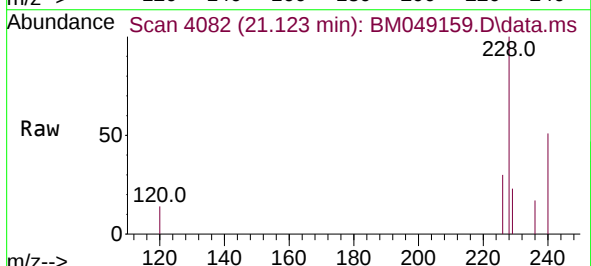
Tgt Ion:202 Resp: 1997
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 10.1 6.9 10.3

Manual Integrations
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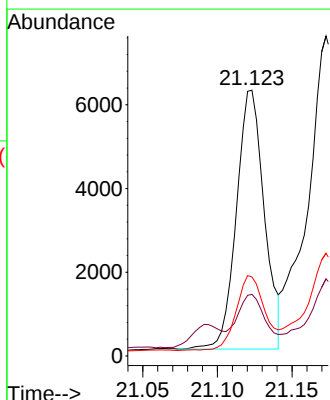
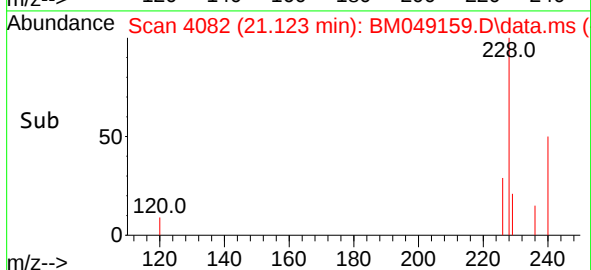
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

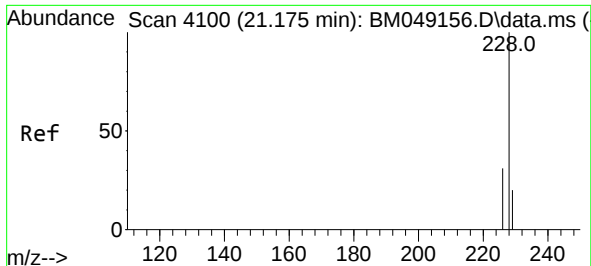


#21
Benzo(a)anthracene
Concen: 0.117 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.008 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19



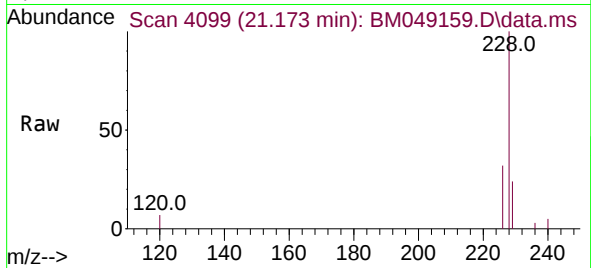
Tgt Ion:228 Resp: 8037
Ion Ratio Lower Upper
228 100
229 23.2 15.9 23.9
226 29.8 22.6 34.0





#22
Chrysene
Concen: 0.160 ng/ul m
RT: 21.173 min Scan# 4099
Delta R.T. -0.011 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

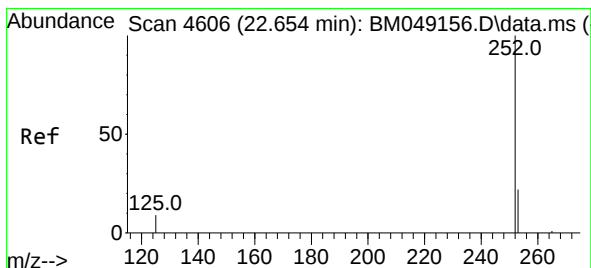
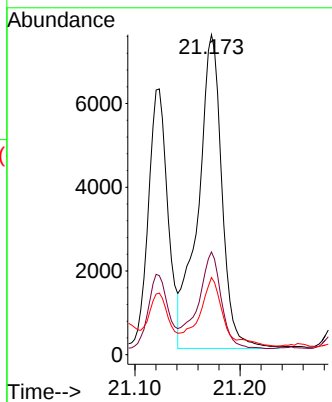
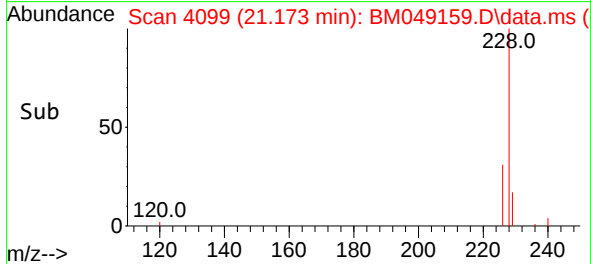
Instrument :
BNA_M
ClientSampleId :
E2904



Tgt Ion:228 Resp: 11810
Ion Ratio Lower Upper
228 100
226 32.1 24.1 36.1
229 24.1 15.8 23.8

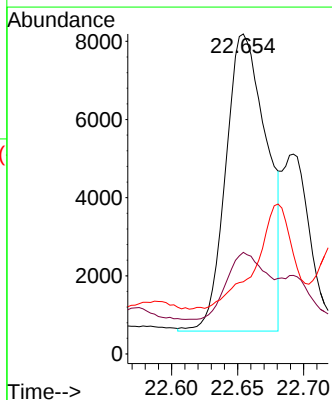
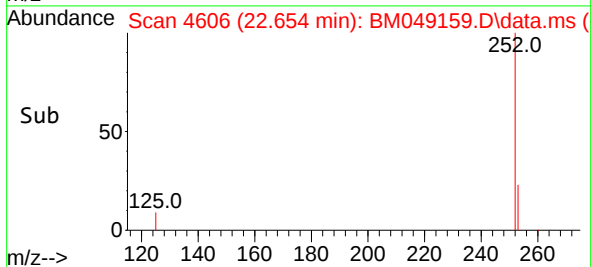
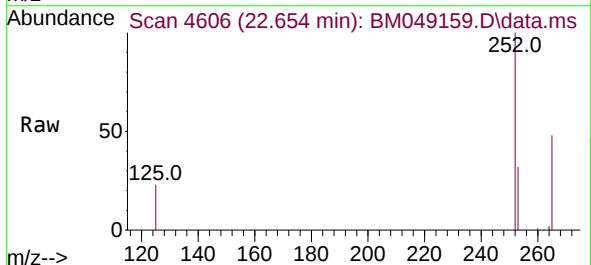
Manual Integrations
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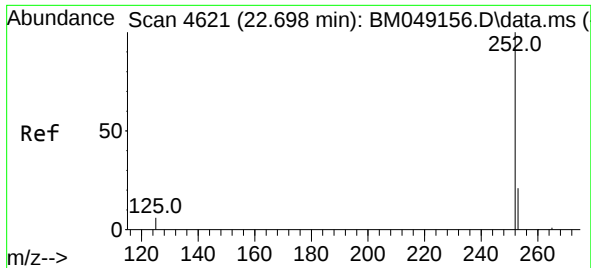
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.254 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.008 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

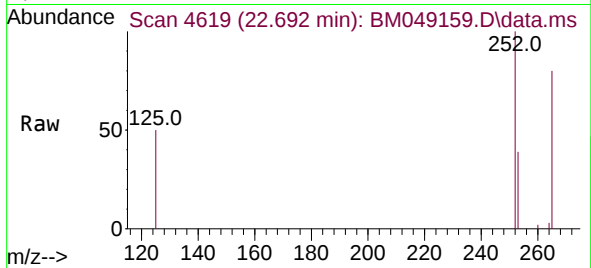
Tgt Ion:252 Resp: 16399
Ion Ratio Lower Upper
252 100
253 31.8 0.0 52.6
125 22.6 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. -0.014 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

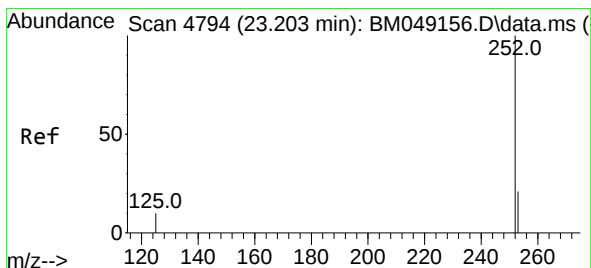
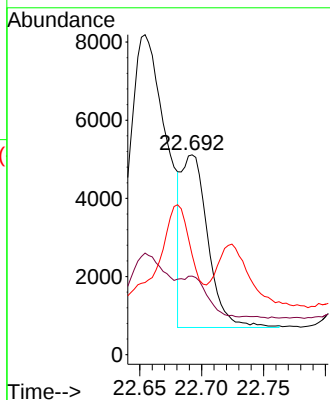
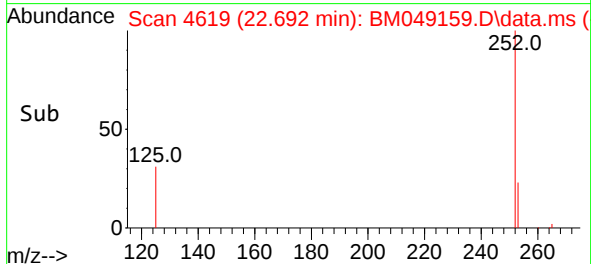
Instrument :
BNA_M
ClientSampleId :
E2904



Tgt Ion:252 Resp: 6588
Ion Ratio Lower Upper
252 100
253 39.3 21.3 31.9#
125 49.9 12.6 18.8#

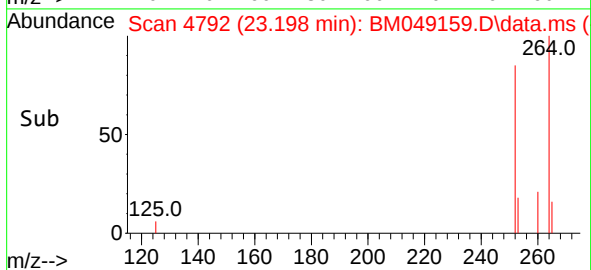
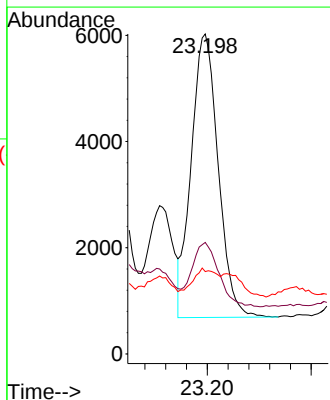
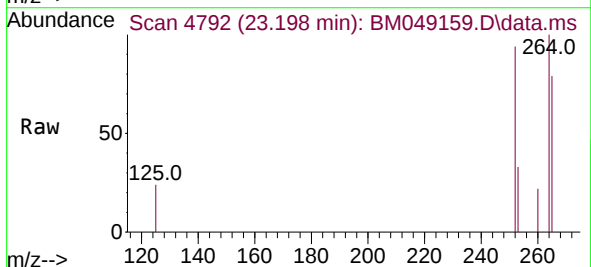
Manual Integrations
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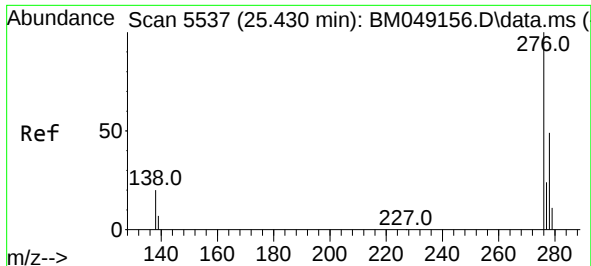
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Benzo(a)pyrene
Concen: 0.155 ng/ul
RT: 23.198 min Scan# 4792
Delta R.T. -0.011 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

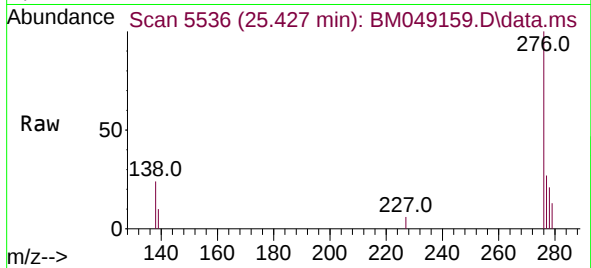
Tgt Ion:252 Resp: 9594
Ion Ratio Lower Upper
252 100
253 34.9 22.4 33.6#
125 25.7 14.8 22.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

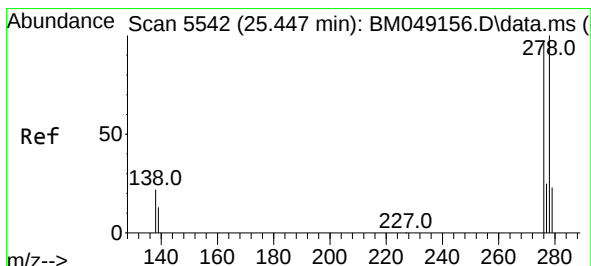
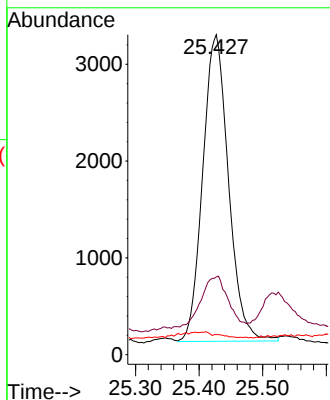
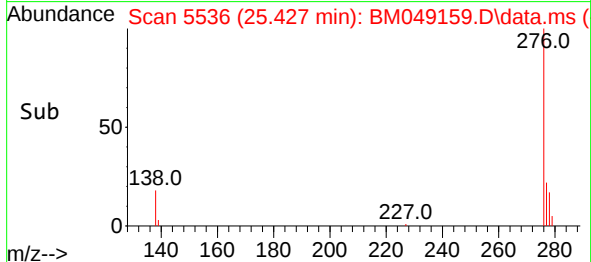
Instrument :
BNA_M
ClientSampleId :
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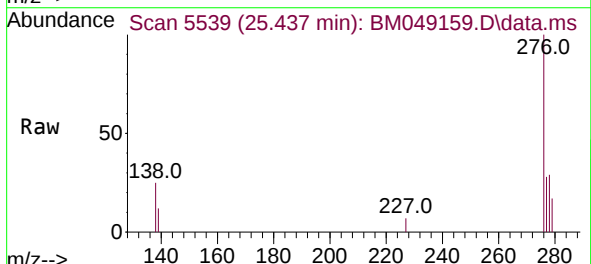
Tgt Ion:276 Resp: 889
Ion Ratio Lower Upper
276 100
138 19.5 17.4 26.2
227 0.0 0.2 0.2

Manual Integrations
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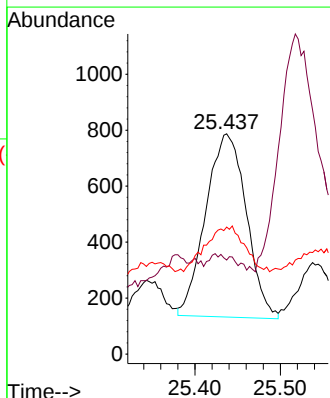
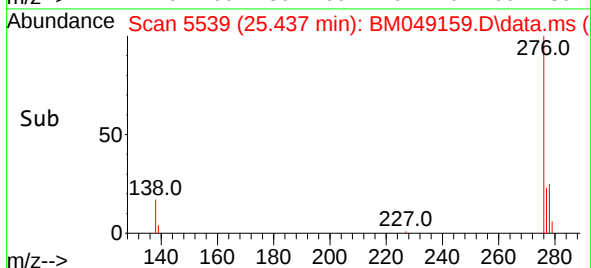
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

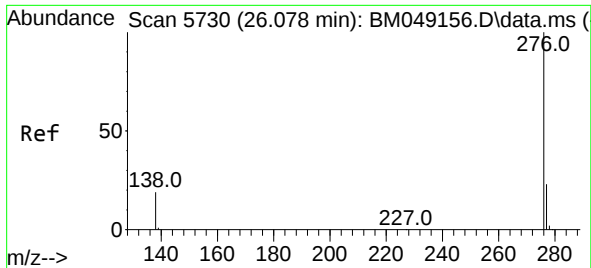


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.030 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19



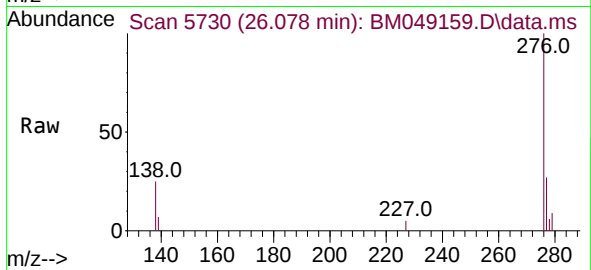
Tgt Ion:278 Resp: 2167
Ion Ratio Lower Upper
278 100
139 42.7 13.5 20.3#
279 57.7 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.148 ng/ul
RT: 26.078 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049159.D
Acq: 23 Dec 2024 23:19

Instrument :
BNA_M
ClientSampleId :
E2904



Tgt Ion:276 Resp: 10474
Ion Ratio Lower Upper
276 100
138 24.8 16.7 25.1
277 27.3 19.9 29.9

Manual Integrations
APPROVED

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