

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049198.D
 Acq On : 24 Dec 2024 23:39
 Operator : RC/JU
 Sample : P5333-19
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2921

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 00:09:27 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	5572	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	17088	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	9414	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.933	188	21307m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	18723m	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	18801m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	24878	3.871	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	5556	0.242	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	11128	0.209	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	1271	0.030	ng/ul#	76
7) 2-Methylnaphthalene	11.985	142	765	0.028	ng/ul	97
8) 1-Methylnaphthalene	12.205	142	819	0.030	ng/ul	100
10) Acenaphthylene	13.899	152	1701	0.044	ng/ul#	80
11) Acenaphthene	14.246	153	1688	0.059	ng/ul	97
12) Fluorene	15.241	166	1657	0.052	ng/ul#	97
15) Phenanthrene	16.975	178	44353m	0.797	ng/ul	
16) Anthracene	17.064	178	10561m	0.207	ng/ul	
19) Fluoranthene	19.001	202	108802	1.607	ng/ul	98
20) Pyrene	19.363	202	92932	1.287	ng/ul	98
21) Benzo(a)anthracene	21.117	228	48185	0.740	ng/ul	99
22) Chrysene	21.169	228	47935	0.686	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	67583m	1.125	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	21057m	0.319	ng/ul	
26) Benzo(a)pyrene	23.195	252	45445m	0.789	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.417	276	34406	0.422	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.424	278	7509	0.119	ng/ul#	84
29) Benzo(g,h,i)perylene	26.067	276	34313	0.523	ng/ul	98

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

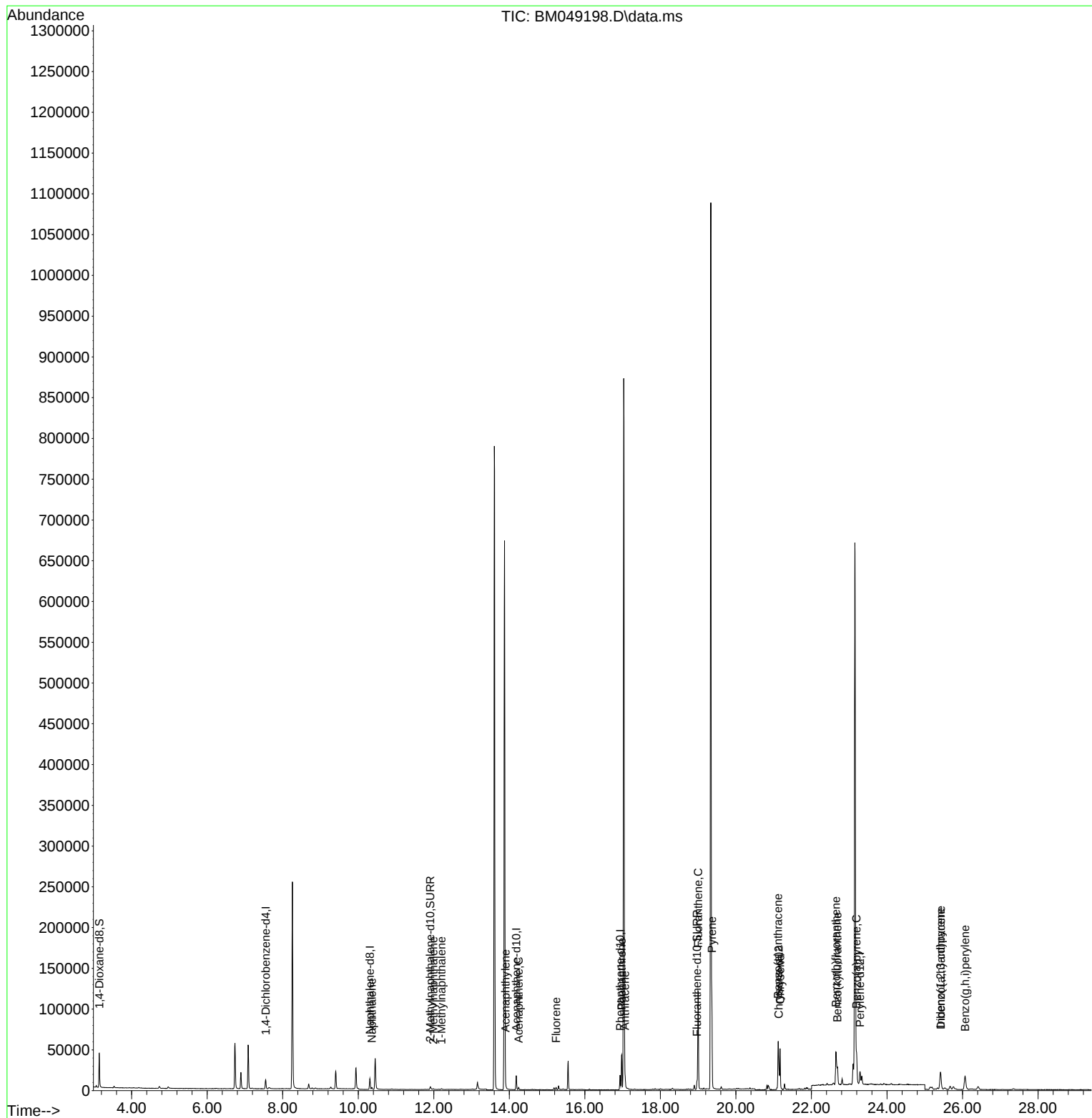
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049198.D
Acq On : 24 Dec 2024 23:39
Operator : RC/JU
Sample : P5333-19
Misc :
ALS Vial : 63 Sample Multiplier: 1

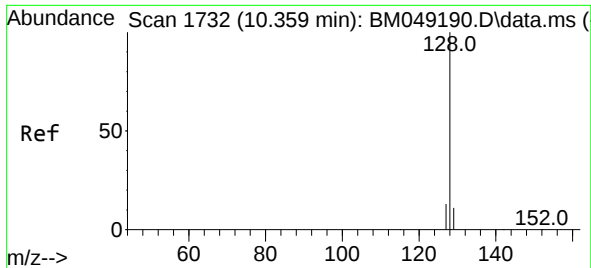
Instrument :
BNA_M
ClientSampleId :
E2921

Manual Integrations
APPROVED

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

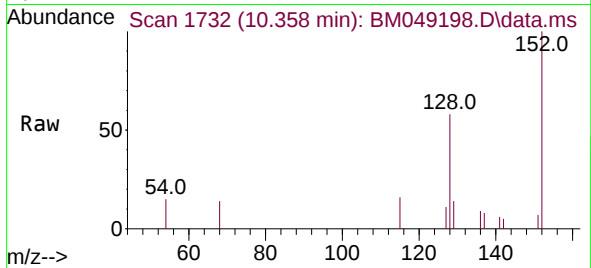
Quant Time: Dec 25 00:09:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.022 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

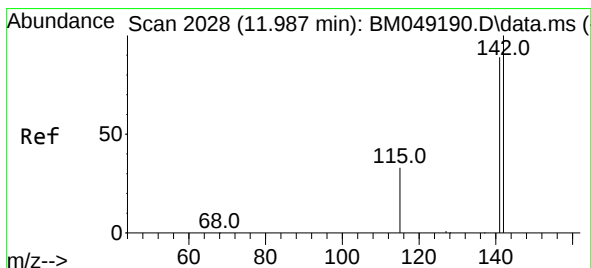
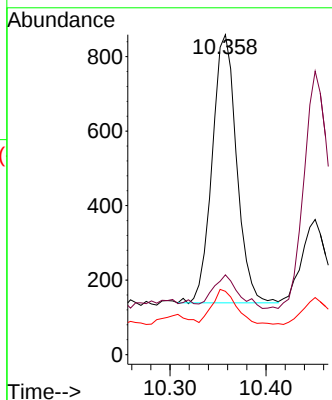
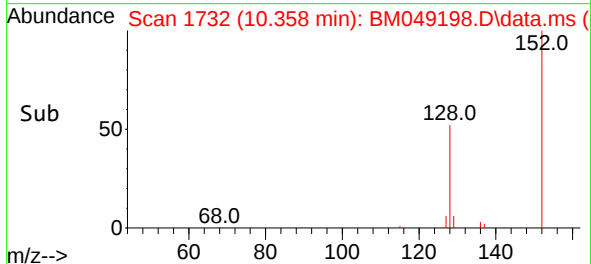
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:128 Resp: 127
Ion Ratio Lower Upper
128 100
129 24.9 9.7 14.5
127 19.8 10.6 16.0

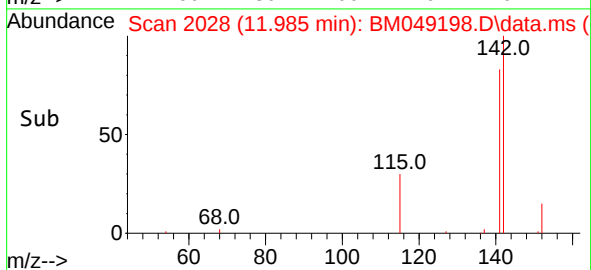
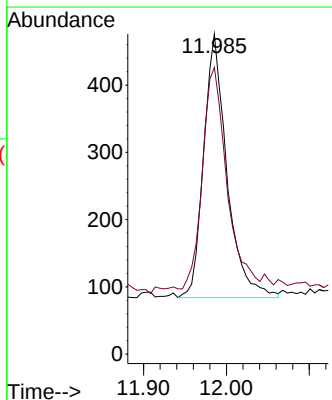
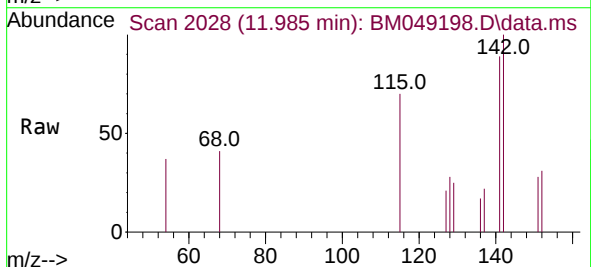
Manual Integrations
APPROVED

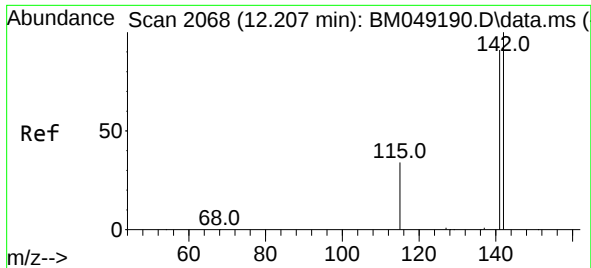
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.985 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

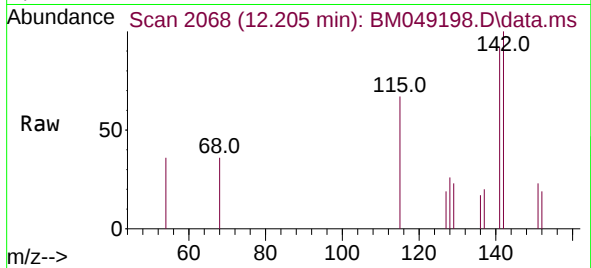
Tgt Ion:142 Resp: 765
Ion Ratio Lower Upper
142 100
141 92.8 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

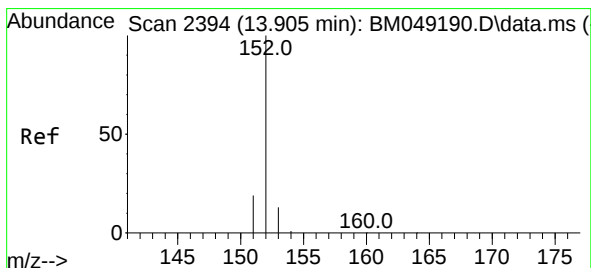
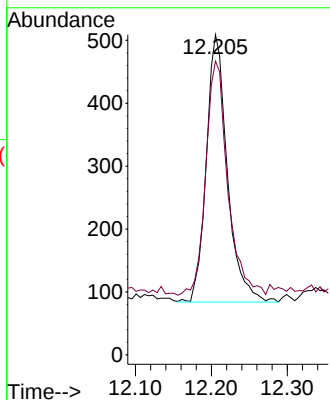
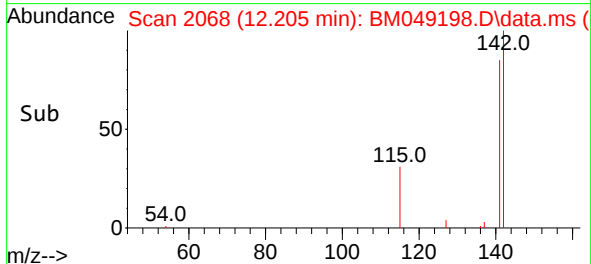
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:142 Resp: 819
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1

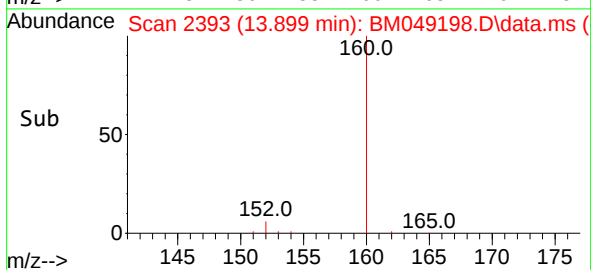
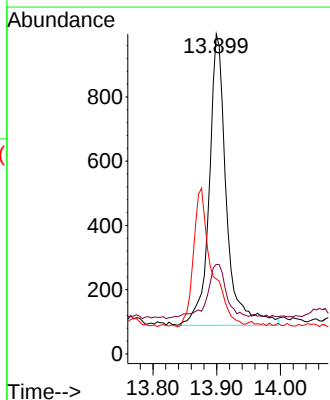
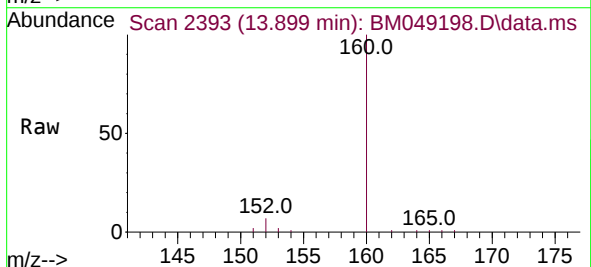
Manual Integrations
APPROVED

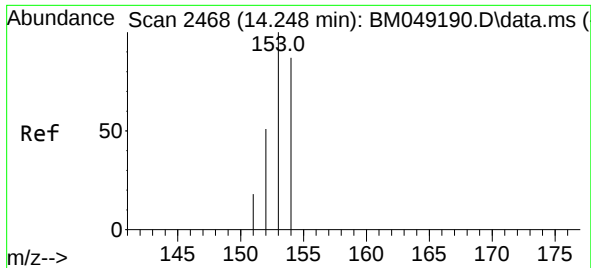
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.899 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

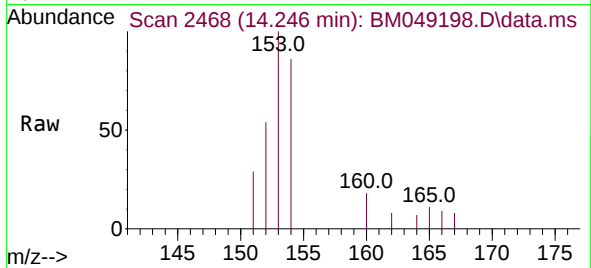
Tgt Ion:152 Resp: 1701
Ion Ratio Lower Upper
152 100
151 28.0 16.0 24.0#
153 23.4 11.0 16.6#





#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.246 min Scan# 2468
Delta R.T. -0.019 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

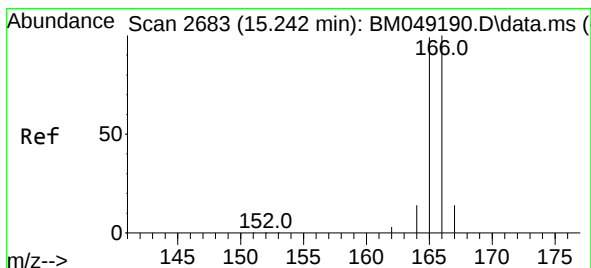
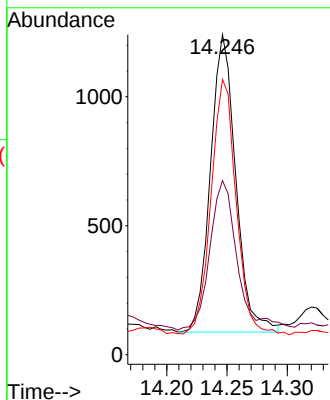
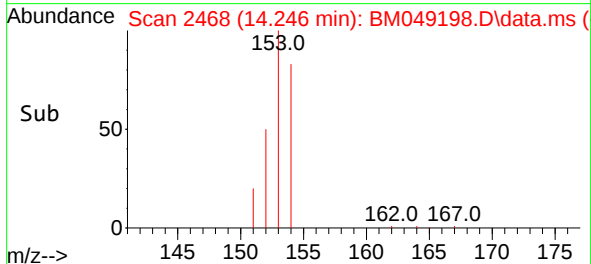
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:153 Resp: 1688
Ion Ratio Lower Upper
153 100
152 54.4 40.7 61.1
154 86.1 70.8 106.2

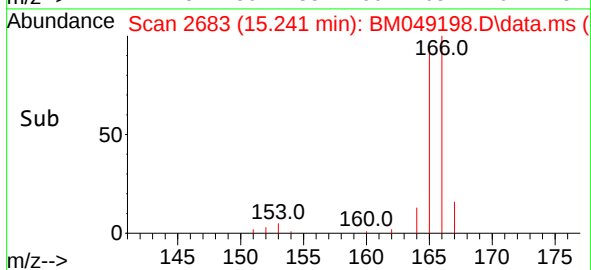
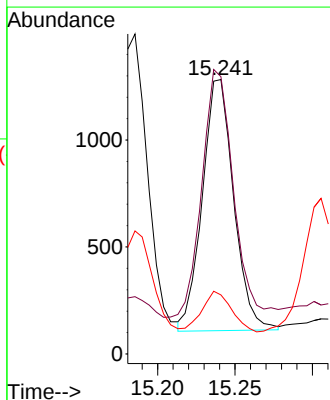
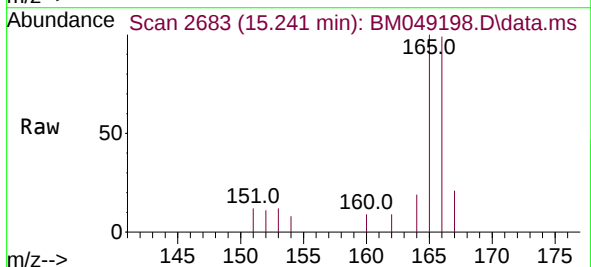
Manual Integrations
APPROVED

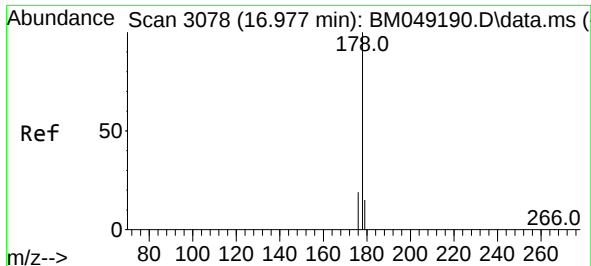
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.241 min Scan# 2683
Delta R.T. -0.014 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

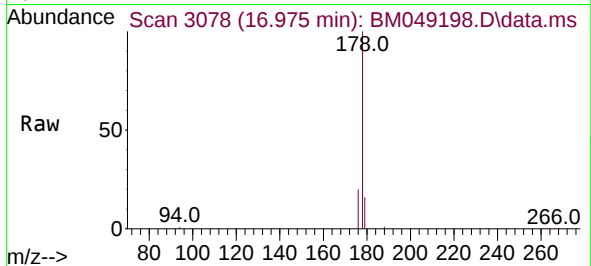
Tgt Ion:166 Resp: 1657
Ion Ratio Lower Upper
166 100
165 101.0 79.7 119.5
167 21.5 11.4 17.0#





#15
Phenanthrene
Concen: 0.797 ng/ul m
RT: 16.975 min Scan# 3078
Delta R.T. -0.017 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

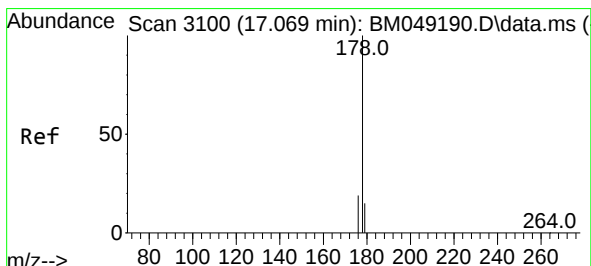
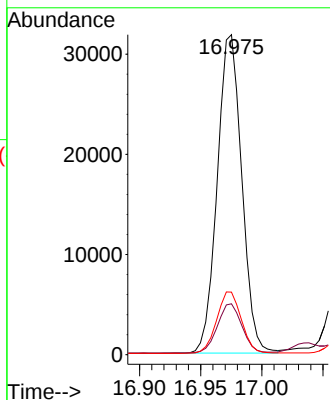
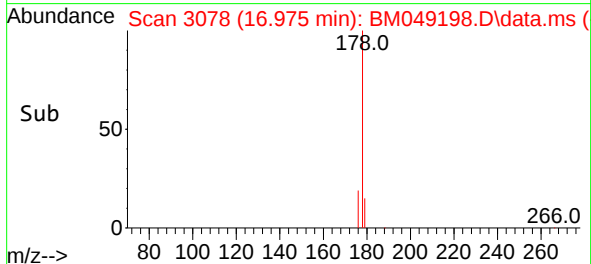
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:178 Resp: 4435
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.6 16.2 24.2

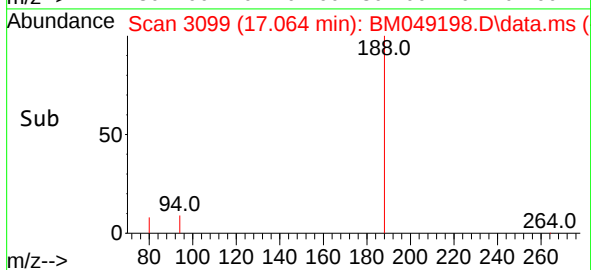
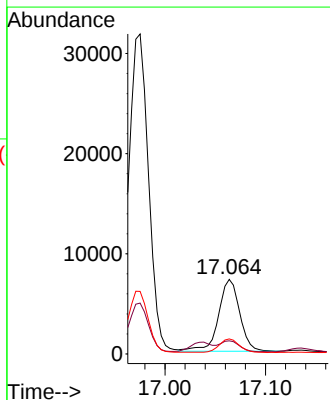
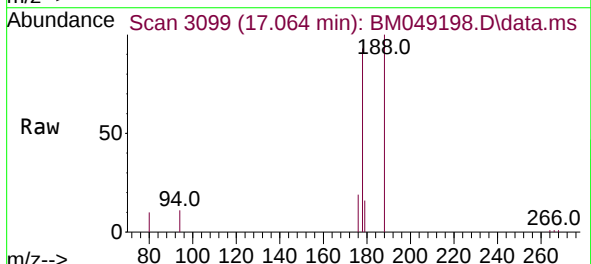
Manual Integrations
APPROVED

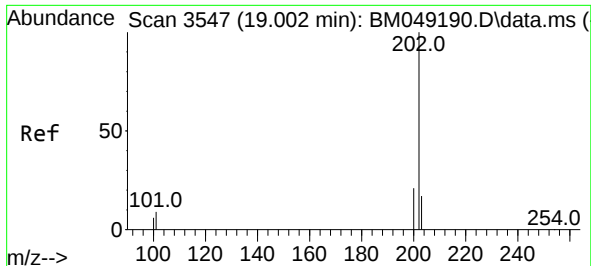
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 0.207 ng/ul m
RT: 17.064 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

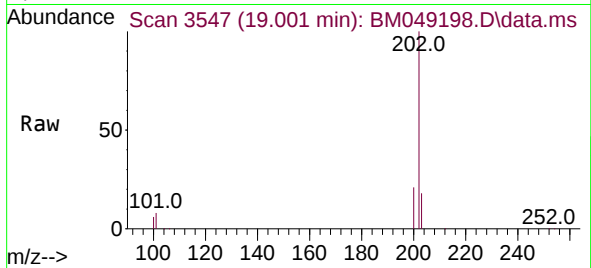
Tgt Ion:178 Resp: 10561
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.2 15.3 22.9





#19
Fluoranthene
Concen: 1.607 ng/u1
RT: 19.001 min Scan# 3547
Delta R.T. -0.014 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

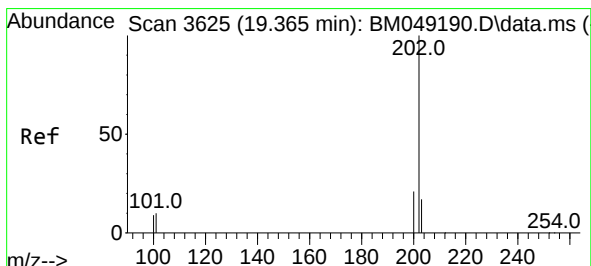
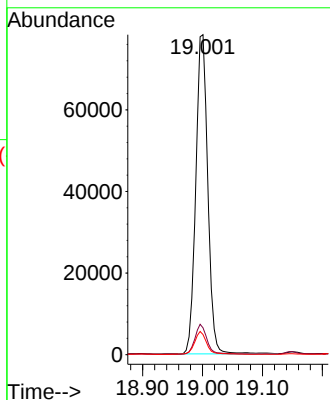
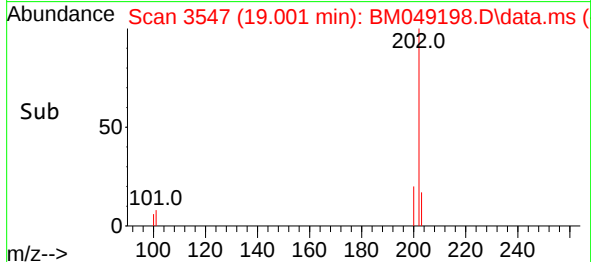
Instrument :
BNA_M
ClientSampleId :
E2921



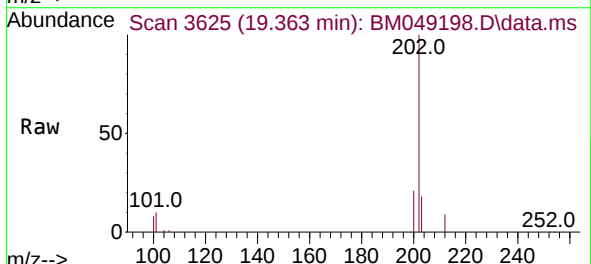
Tgt Ion:202 Resp: 10880
Ion Ratio Lower Upper
202 100
101 8.4 7.6 11.4
100 6.3 5.5 8.3

Manual Integrations
APPROVED

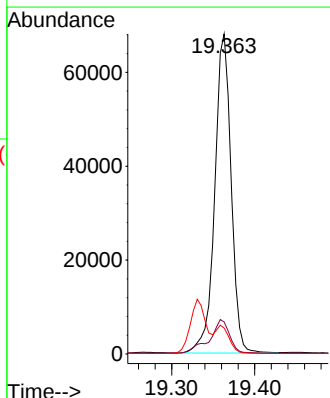
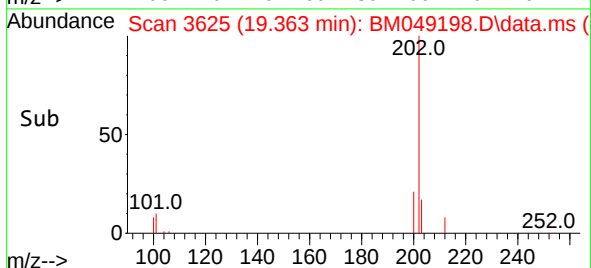
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

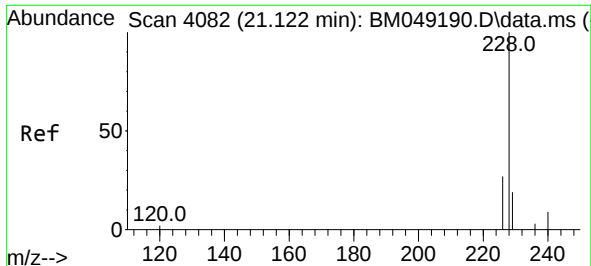


#20
Pyrene
Concen: 1.287 ng/u1
RT: 19.363 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39



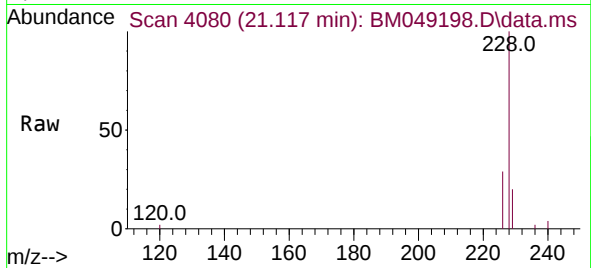
Tgt Ion:202 Resp: 92932
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 8.1 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.740 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.015 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

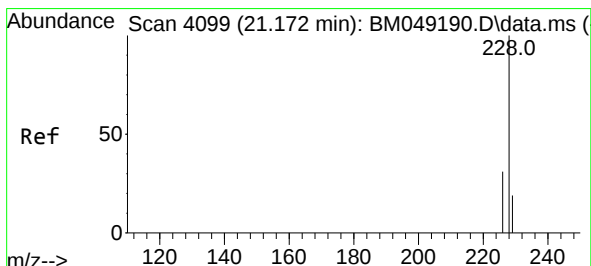
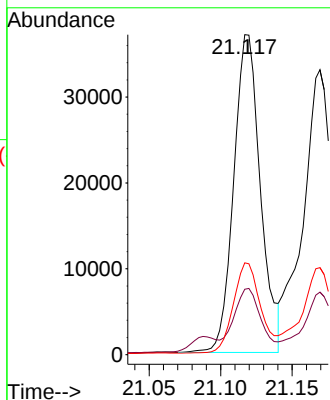
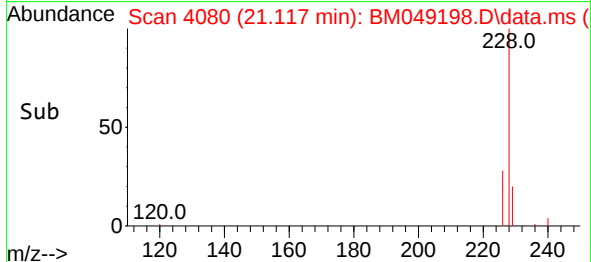
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:228 Resp: 48185
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.7 22.6 34.0

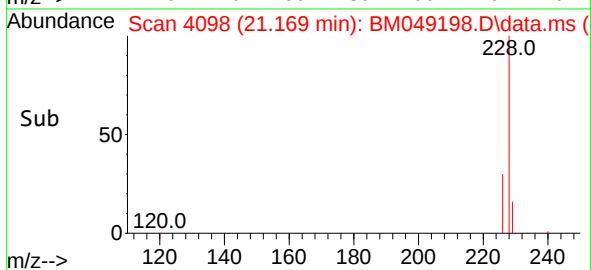
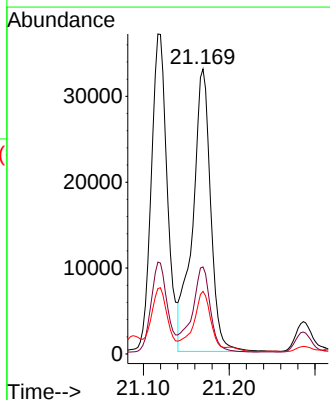
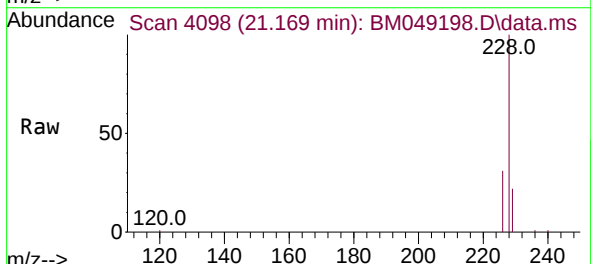
Manual Integrations
APPROVED

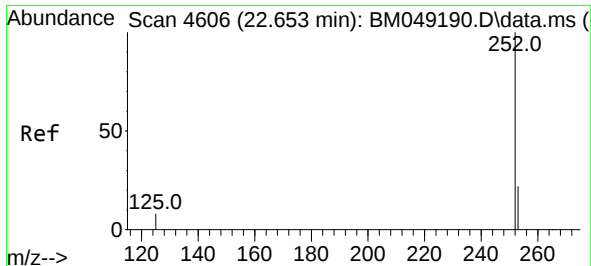
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 0.686 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.015 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

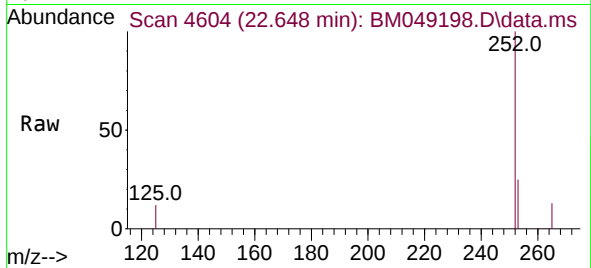
Tgt Ion:228 Resp: 47935
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.125 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.015 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

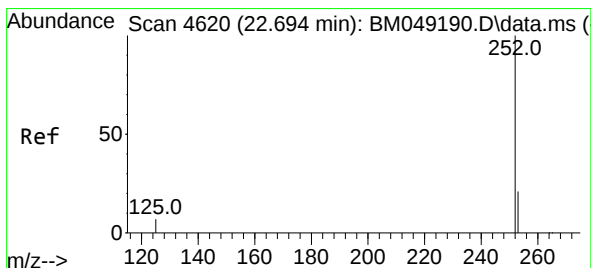
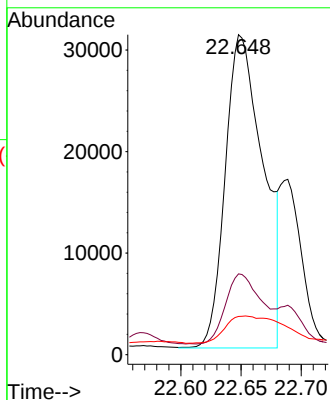
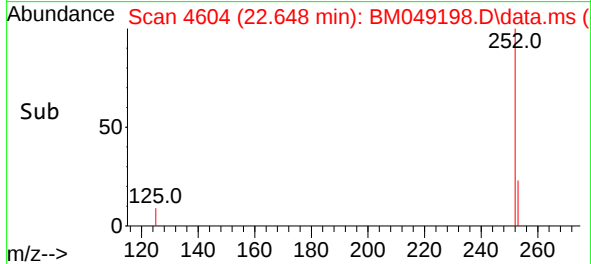
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:252 Resp: 6758
Ion Ratio Lower Upper
252 100
253 25.2 0.0 52.6
125 12.0 0.0 30.8

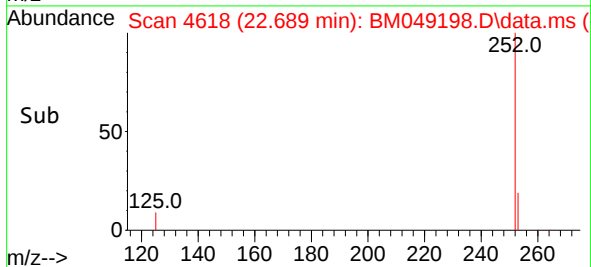
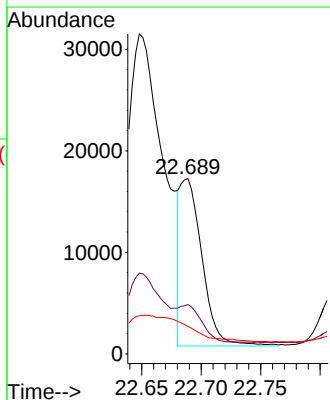
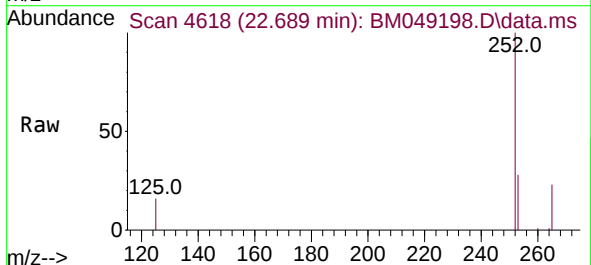
Manual Integrations
APPROVED

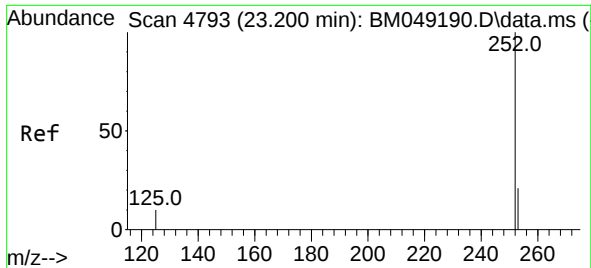
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

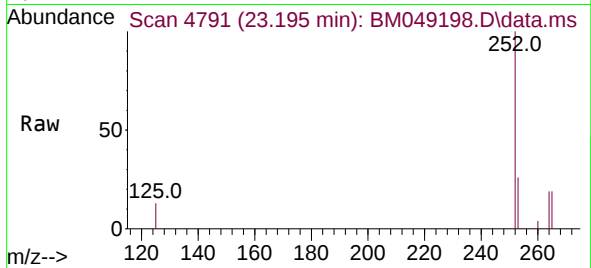
Tgt Ion:252 Resp: 21057
Ion Ratio Lower Upper
252 100
253 28.2 21.3 31.9
125 15.7 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.789 ng/ul m
RT: 23.195 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

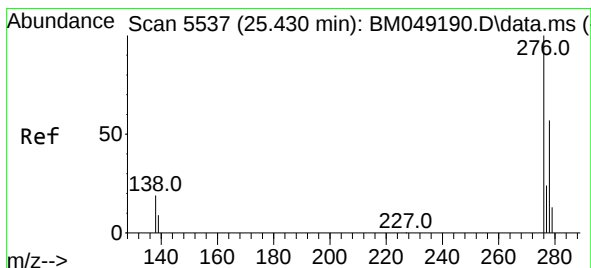
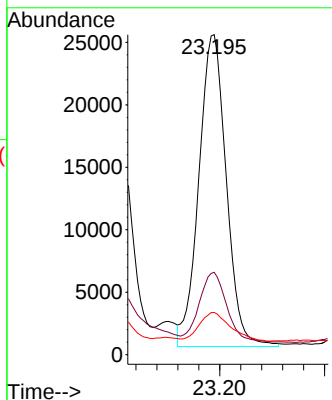
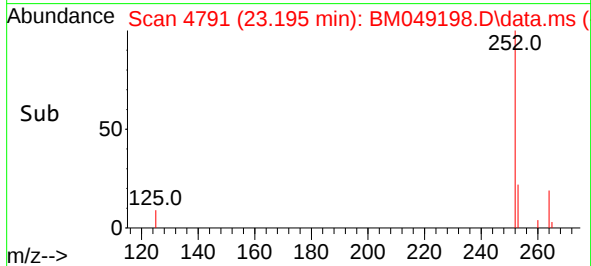
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:252 Resp: 45449
Ion Ratio Lower Upper
252 100
253 25.7 22.4 33.6
125 13.2 14.8 22.2

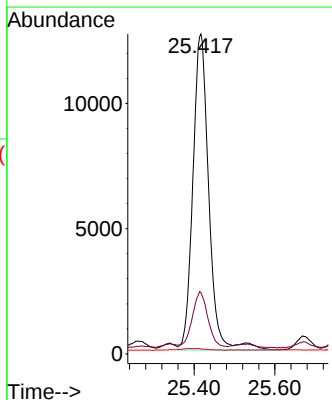
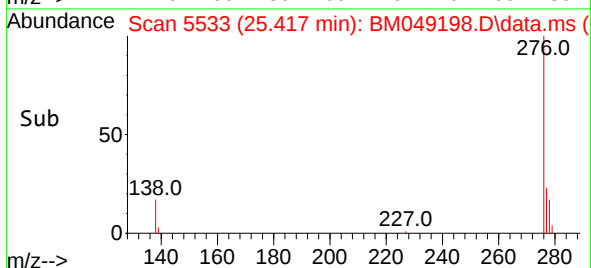
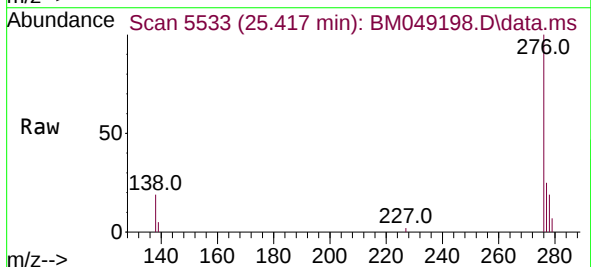
Manual Integrations
APPROVED

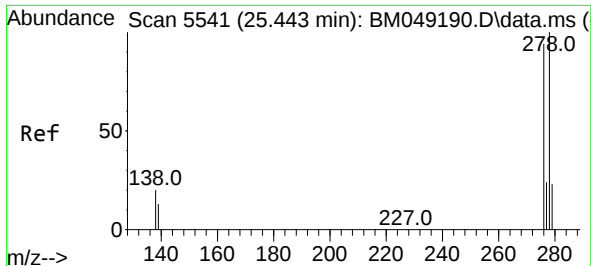
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.030 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

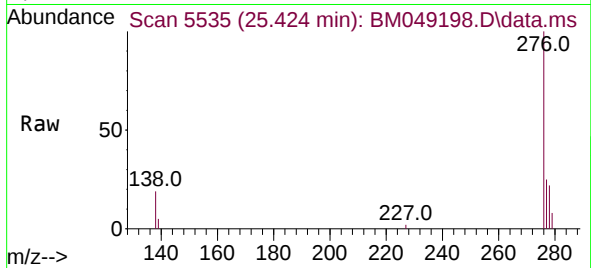
Tgt Ion:276 Resp: 34406
Ion Ratio Lower Upper
276 100
138 17.3 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.424 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

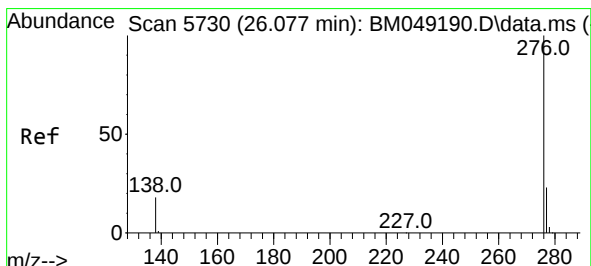
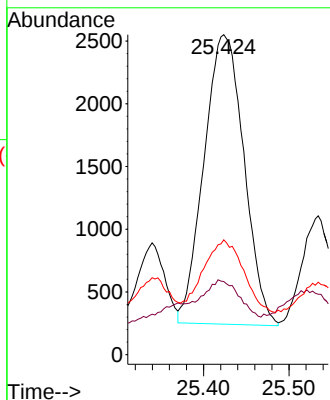
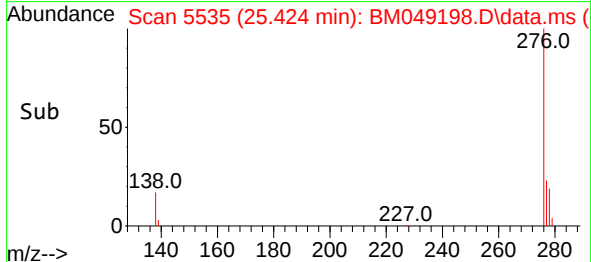
Instrument :
BNA_M
ClientSampleId :
E2921



Tgt Ion:278 Resp: 7509
Ion Ratio Lower Upper
278 100
139 22.8 13.5 20.3
279 35.9 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: 0.523 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.027 min
Lab File: BM049198.D
Acq: 24 Dec 2024 23:39

Tgt Ion:276 Resp: 34313
Ion Ratio Lower Upper
276 100
138 19.5 16.7 25.1
277 24.6 19.9 29.9

