

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045697.D
 Acq On : 03 May 2024 15:51
 Operator : MA/JU
 Sample : P2238-10MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX6MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 16:56:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 03 03:27:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	237	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.298	136	812	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.177	164	632	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.942	188	1406	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.158	240	1765	0.400	ng/ul	#-0.03
23) Perylene-d12	23.332	264	2488	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	129	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	295	0.230	ng/ul	-0.05
18) Fluoranthene-d10	18.982	212	976	0.220	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.180	88	252	0.906	ng/ul	89
5) Naphthalene	10.347	128	1217	0.588	ng/ul#	79
7) 2-Methylnaphthalene	11.975	142	692	0.553	ng/ul	98
8) 1-Methylnaphthalene	12.189	142	532	0.384	ng/ul	98
10) Acenaphthylene	13.900	152	875	0.330	ng/ul	95
11) Acenaphthene	14.242	153	1684	0.855	ng/ul	96
12) Fluorene	15.255	166	1317	0.577	ng/ul#	92
14) Pentachlorophenol	16.625	266	11	0.044	ng/ul#	58
15) Phenanthrene	16.984	178	13912m	3.984	ng/ul	
16) Anthracene	17.085	178	3207	0.946	ng/ul#	89
19) Fluoranthene	19.010	202	25089	4.473	ng/ul#	84
20) Pyrene	19.378	202	23121	3.876	ng/ul#	85
21) Benzo(a)anthracene	21.144	228	19838	3.851	ng/ul#	91
22) Chrysene	21.193	228	23610	3.238	ng/ul	93
24) Benzo(b)fluoranthene	22.683	252	61013m	8.804	ng/ul	
25) Benzo(k)fluoranthene	22.724	252	22418m	2.613	ng/ul	
26) Benzo(a)pyrene	23.236	252	48611	6.329	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.491	276	49186	4.649	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.504	278	12654m	1.496	ng/ul	
29) Benzo(g,h,i)perylene	26.152	276	55286	5.894	ng/ul#	83

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

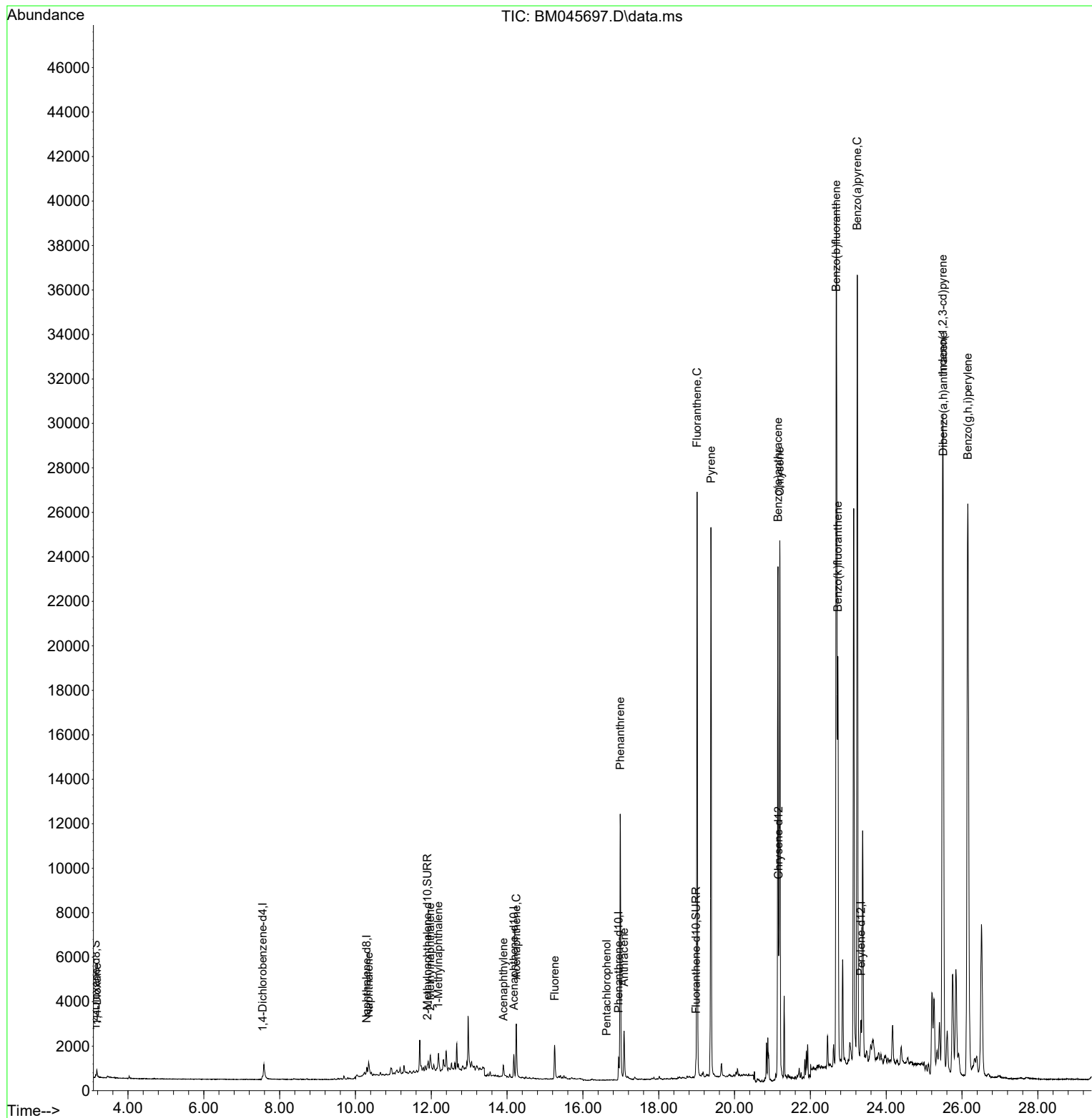
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045697.D
Acq On : 03 May 2024 15:51
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ALS Vial : 30 Sample Multiplier: 1

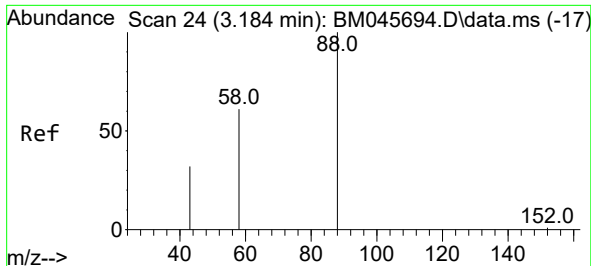
Instrument :
BNA_M
ClientSampleId :
E1CX6MS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

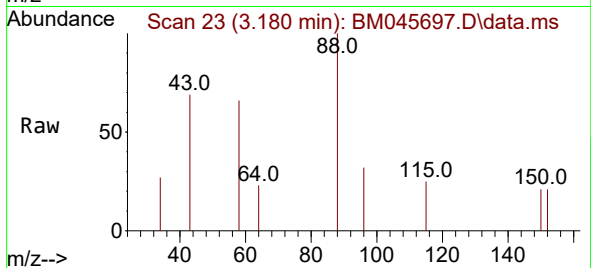
Quant Time: May 03 16:56:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.906 ng/ul
RT: 3.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

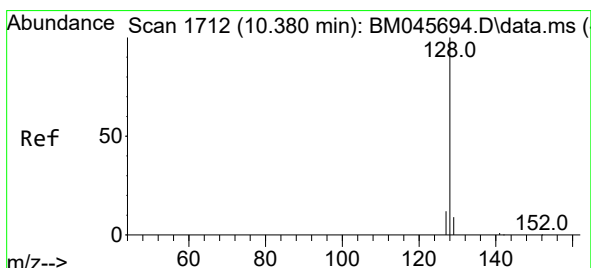
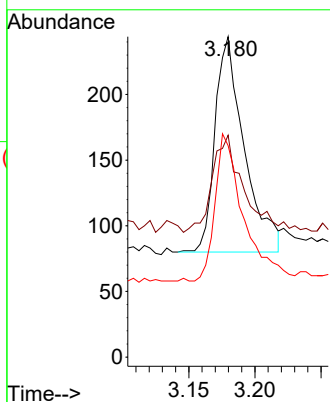
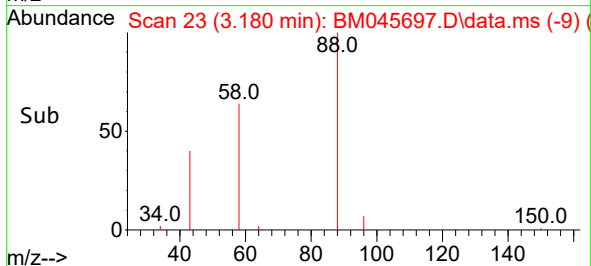
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion: 88 Resp: 252
Ion Ratio Lower Upper
88 100
43 69.3 67.4 101.2
58 66.0 56.1 84.1

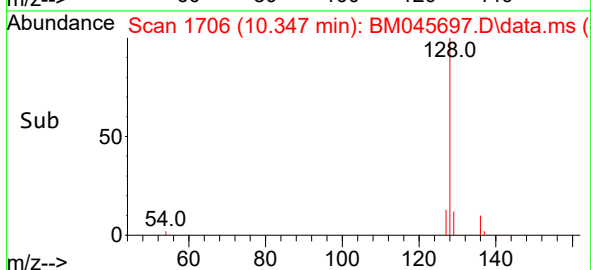
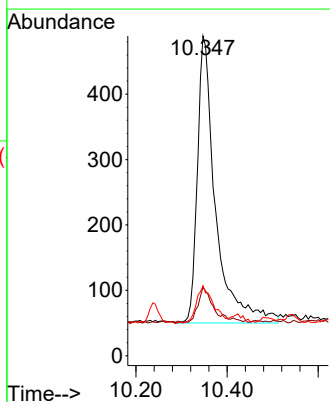
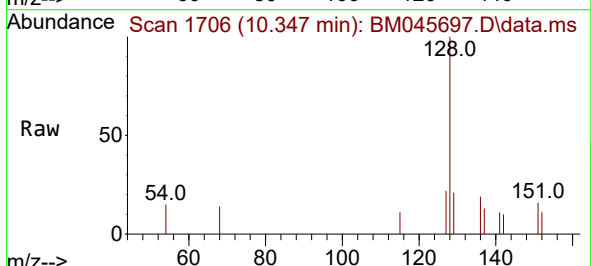
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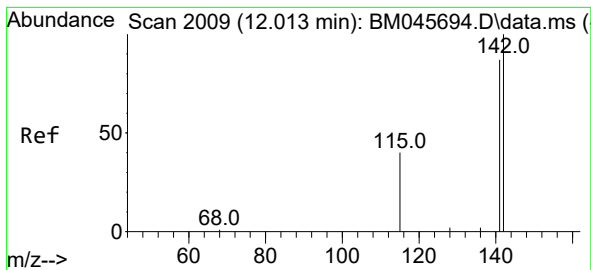
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#5
Naphthalene
Concen: 0.588 ng/ul
RT: 10.347 min Scan# 1706
Delta R.T. -0.044 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

Tgt Ion:128 Resp: 1217
Ion Ratio Lower Upper
128 100
129 21.5 26.2 39.4#
127 21.9 27.4 41.2#





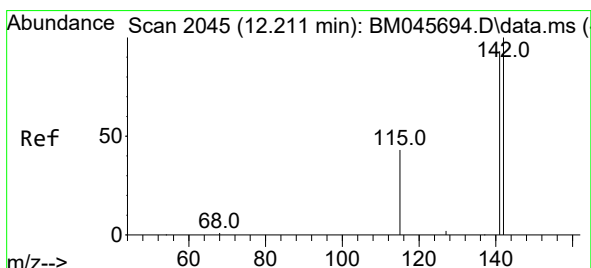
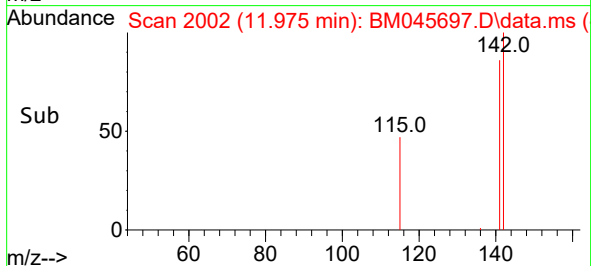
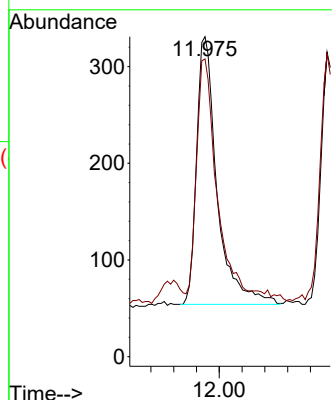
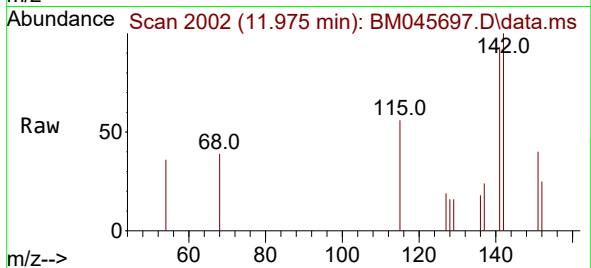
#7
2-Methylnaphthalene
Concen: 0.553 ng/ul
RT: 11.975 min Scan# 2002
Delta R.T. -0.055 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

Instrument :
BNA_M
ClientSampleId :
E1CX6MS

Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
141 94.5 76.9 115.3

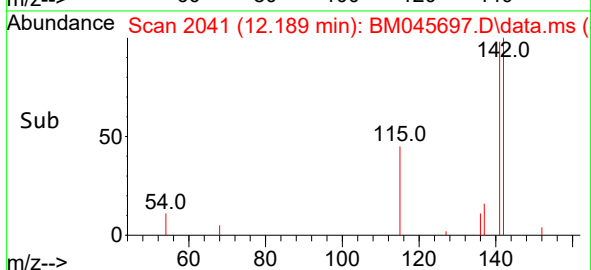
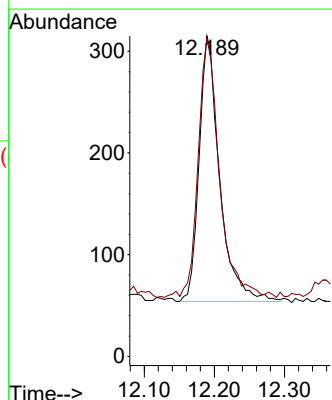
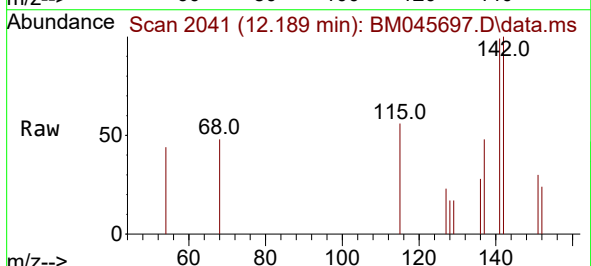
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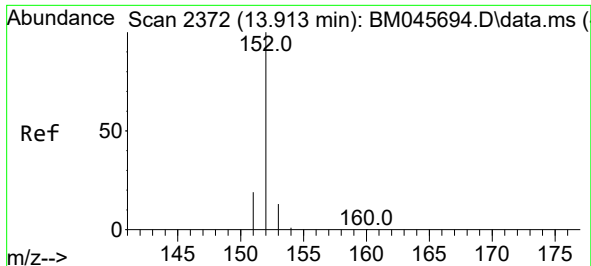
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.189 min Scan# 2041
Delta R.T. -0.038 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

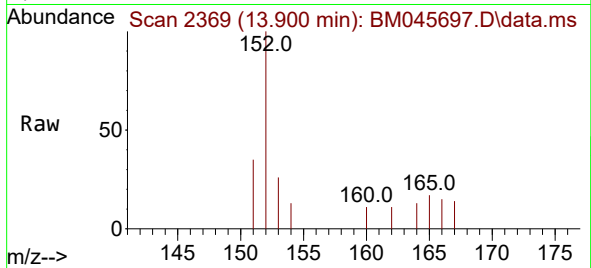
Tgt Ion:142 Resp: 532
Ion Ratio Lower Upper
142 100
141 101.3 79.4 119.2





#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 13.900 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

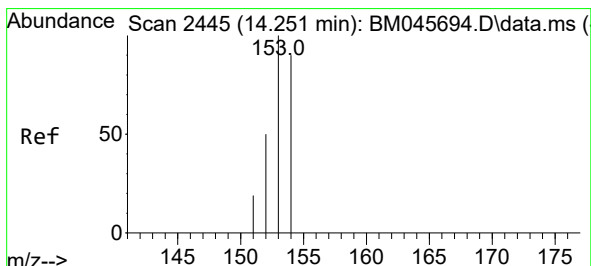
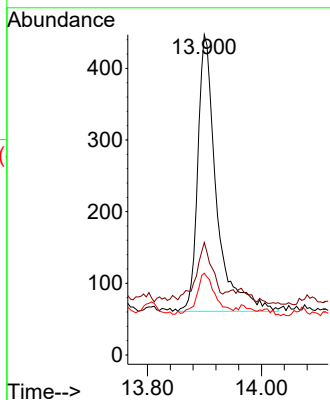
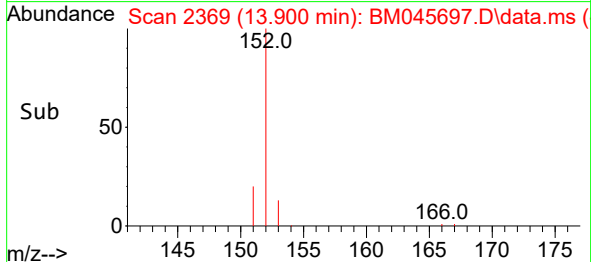
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:152 Resp: 875
Ion Ratio Lower Upper
152 100
151 35.1 25.0 37.4
153 25.5 19.6 29.4

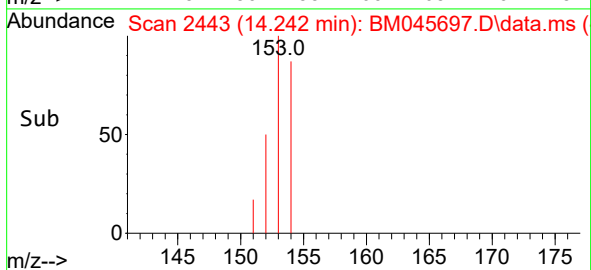
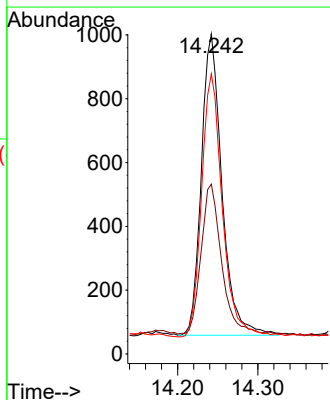
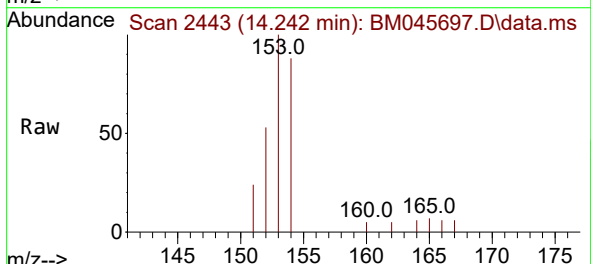
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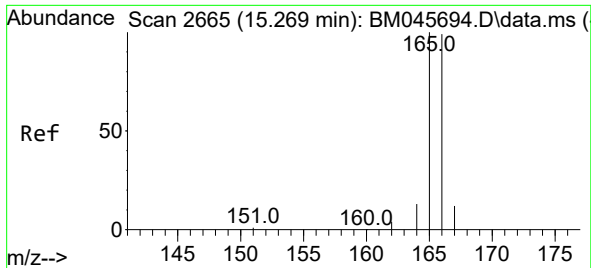
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#11
Acenaphthene
Concen: 0.855 ng/ul
RT: 14.242 min Scan# 2443
Delta R.T. -0.019 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

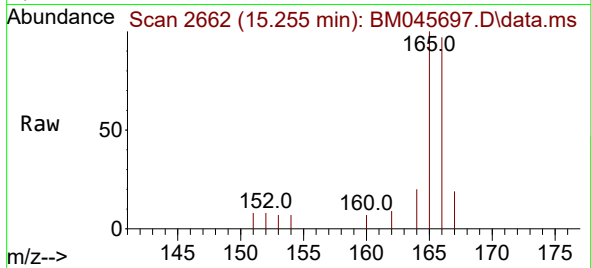
Tgt Ion:153 Resp: 1684
Ion Ratio Lower Upper
153 100
152 53.0 45.1 67.7
154 87.5 67.6 101.4





#12
Fluorene
Concen: 0.577 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.028 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

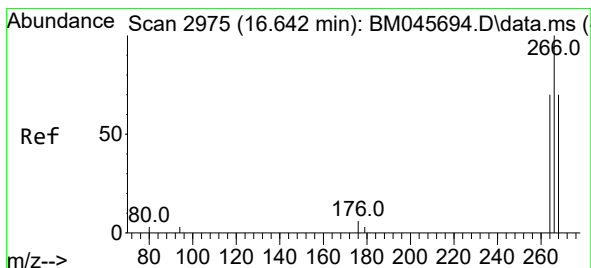
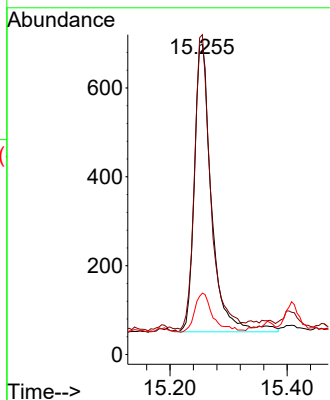
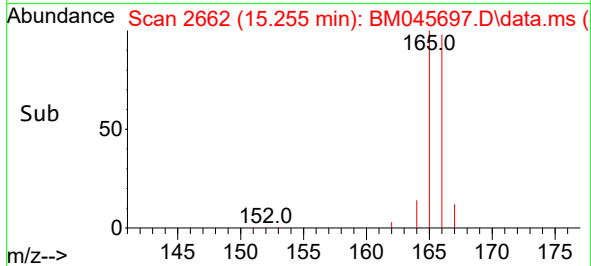
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:166 Resp: 131
Ion Ratio Lower Upper
166 100
165 103.2 77.5 116.3
167 19.8 21.8 32.6

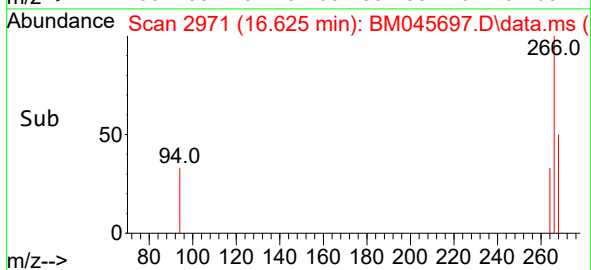
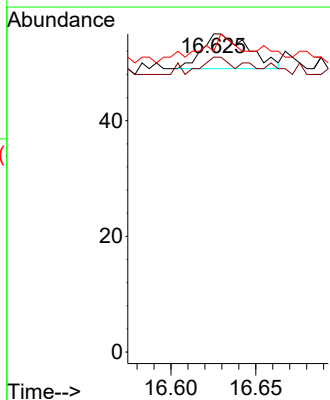
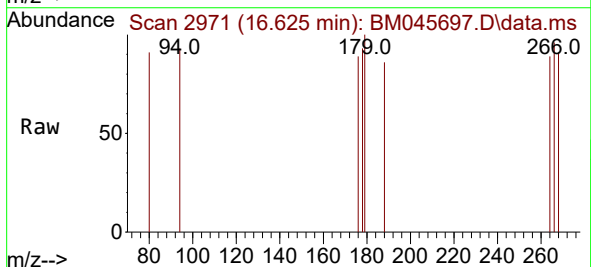
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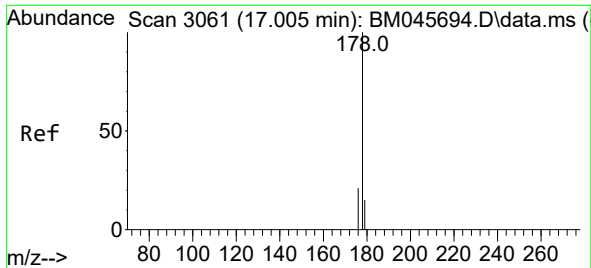
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#14
Pentachlorophenol
Concen: 0.044 ng/ul
RT: 16.625 min Scan# 2971
Delta R.T. -0.034 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

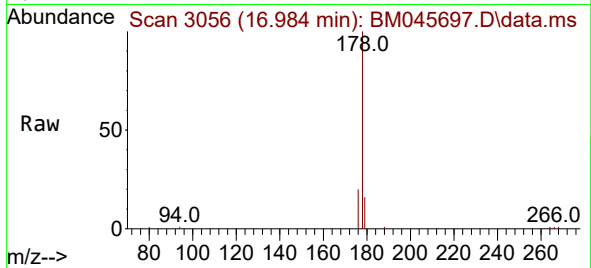
Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 45.5 40.0 60.0
268 118.2 50.6 76.0#





#15
Phenanthrene
Concen: 3.984 ng/ul m
RT: 16.984 min Scan# 3056
Delta R.T. -0.039 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

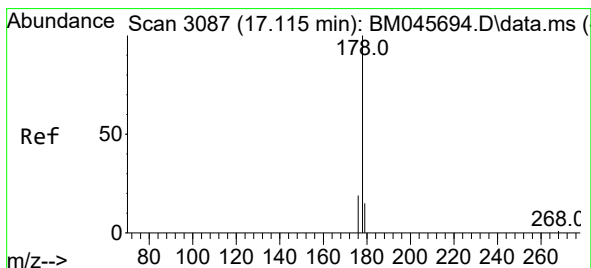
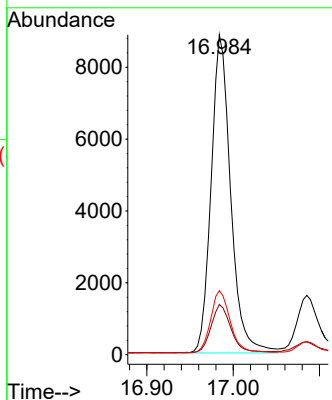
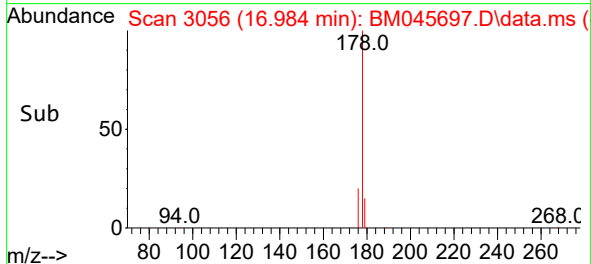
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:178 Resp: 13912
Ion Ratio Lower Upper
178 100
179 15.7 18.3 27.5
176 20.0 21.8 32.6

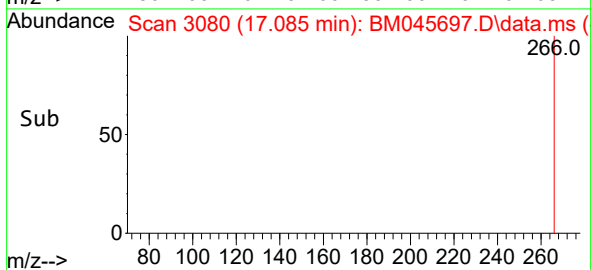
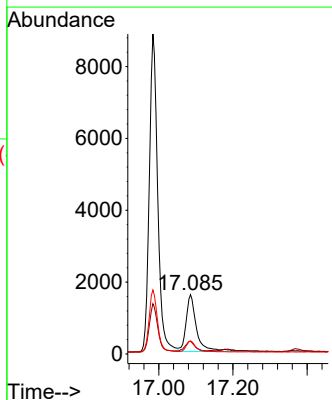
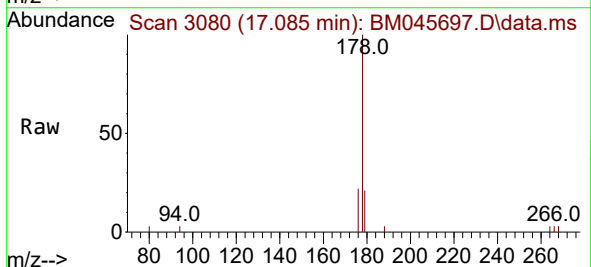
Manual Integrations
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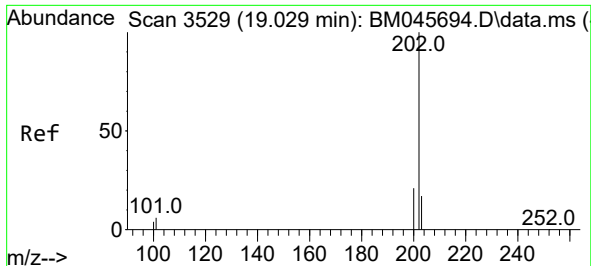
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#16
Anthracene
Concen: 0.946 ng/ul
RT: 17.085 min Scan# 3080
Delta R.T. -0.043 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

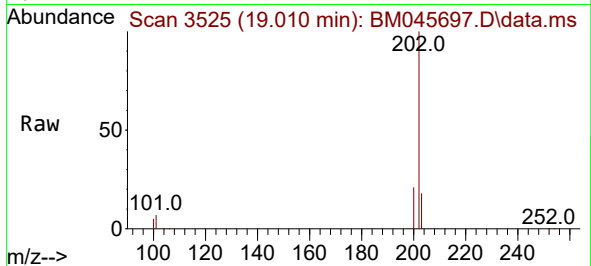
Tgt Ion:178 Resp: 3207
Ion Ratio Lower Upper
178 100
179 21.4 20.9 31.3
176 22.0 22.9 34.3





#19
Fluoranthene
Concen: 4.473 ng/u1
RT: 19.010 min Scan# 3525
Delta R.T. -0.033 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

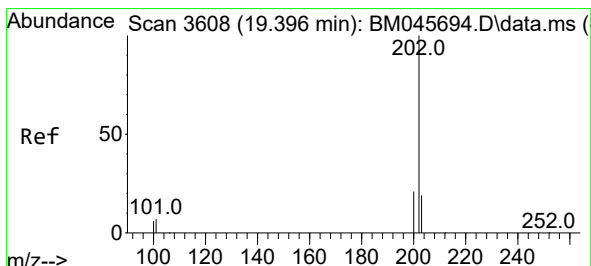
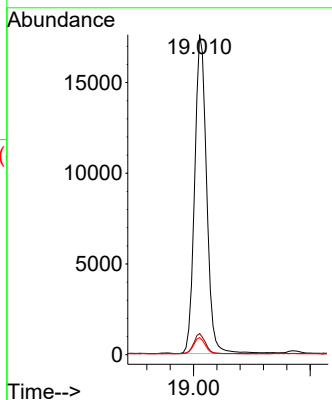
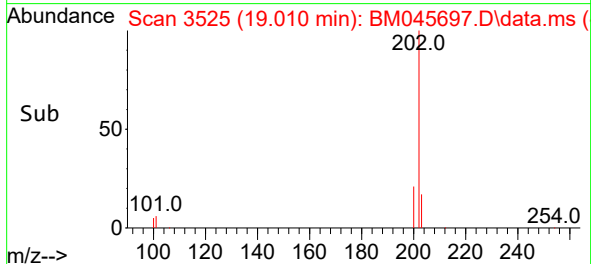
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:202 Resp: 25089
Ion Ratio Lower Upper
202 100
101 6.6 10.1 15.1#
100 5.3 9.4 14.0#

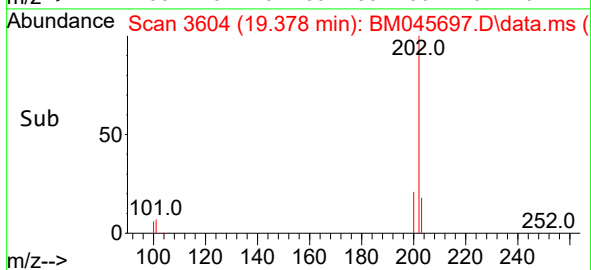
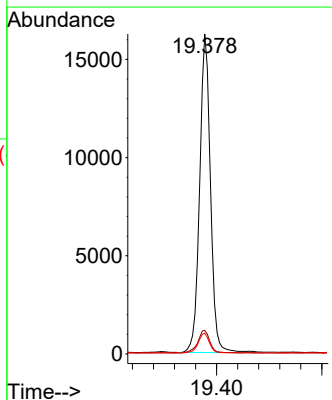
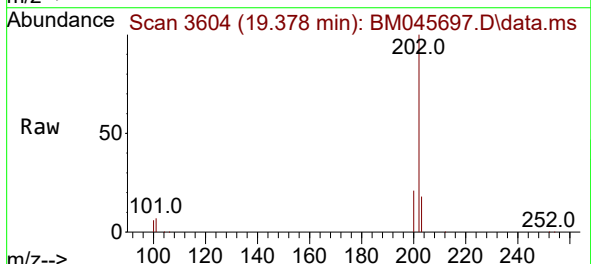
Manual Integrations
APPROVED

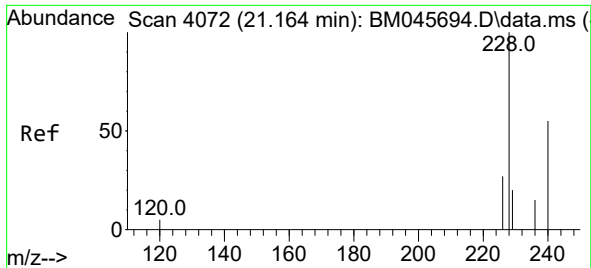
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#20
Pyrene
Concen: 3.876 ng/u1
RT: 19.378 min Scan# 3604
Delta R.T. -0.033 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

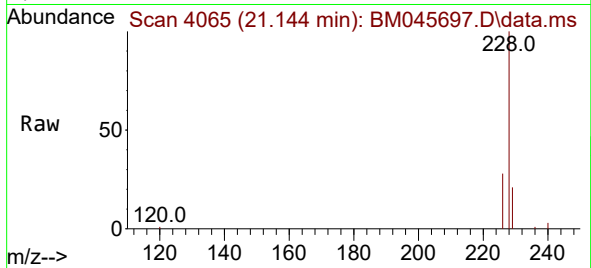
Tgt Ion:202 Resp: 23121
Ion Ratio Lower Upper
202 100
101 7.3 10.7 16.1#
100 6.5 9.8 14.8#





#21
Benzo(a)anthracene
Concen: 3.851 ng/ul
RT: 21.144 min Scan# 4065
Delta R.T. -0.034 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

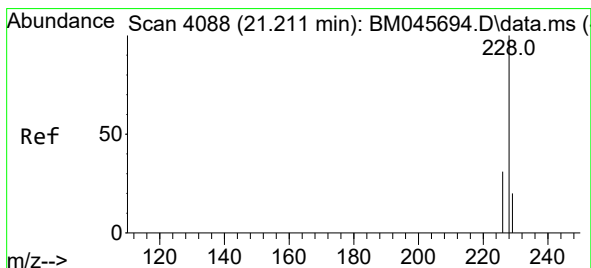
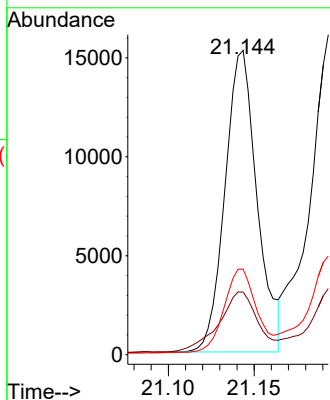
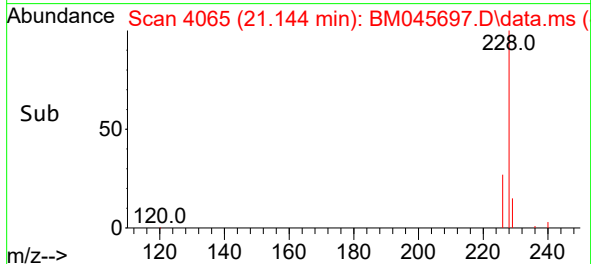
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:228 Resp: 19838
Ion Ratio Lower Upper
228 100
229 20.6 21.3 31.9
226 28.1 25.5 38.3

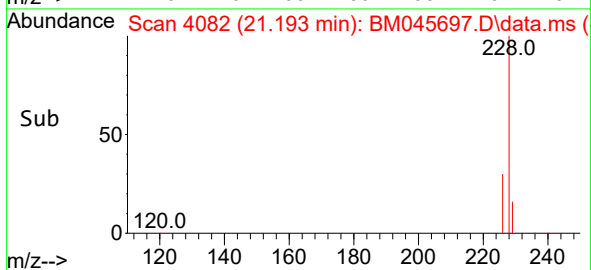
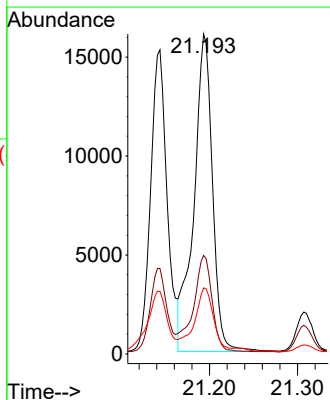
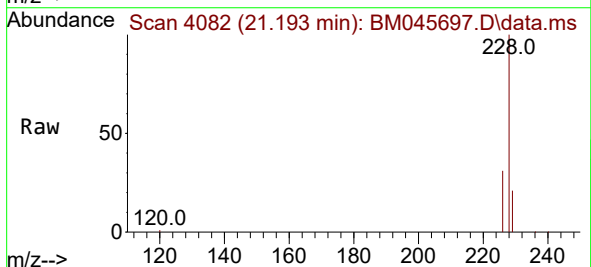
Manual Integrations
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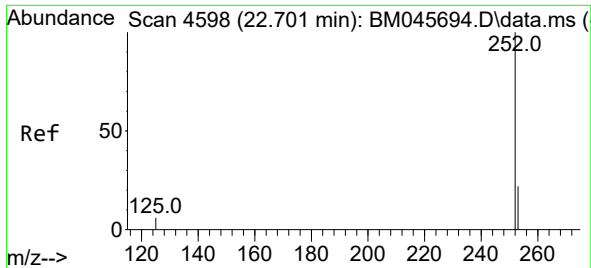
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Chrysene
Concen: 3.238 ng/ul
RT: 21.193 min Scan# 4082
Delta R.T. -0.031 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

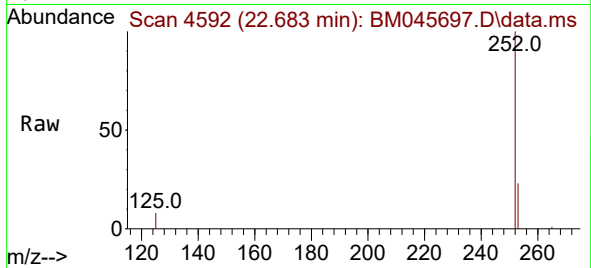
Tgt Ion:228 Resp: 23610
Ion Ratio Lower Upper
228 100
226 30.8 27.7 41.5
229 20.7 19.7 29.5





#24
Benzo(b)fluoranthene
Concen: 8.804 ng/ul m
RT: 22.683 min Scan# 4592
Delta R.T. -0.037 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

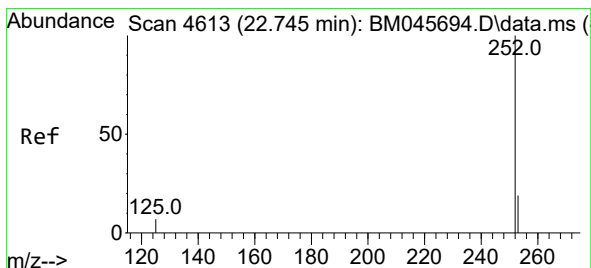
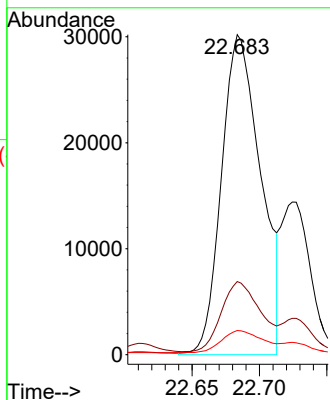
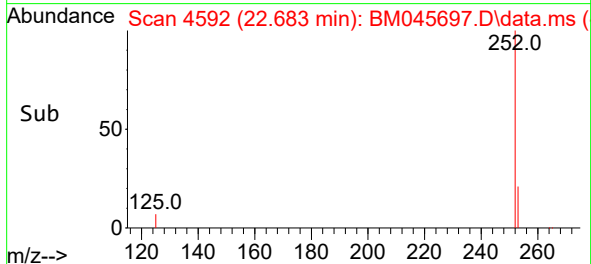
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:252 Resp: 6101
Ion Ratio Lower Upper
252 100
253 22.9 0.0 67.2
125 7.6 0.0 28.0

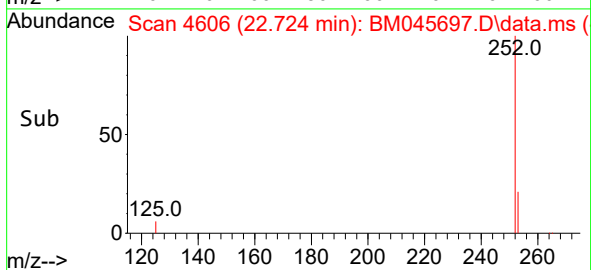
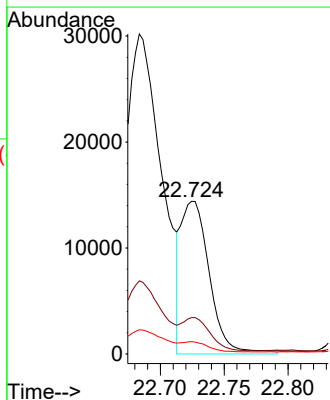
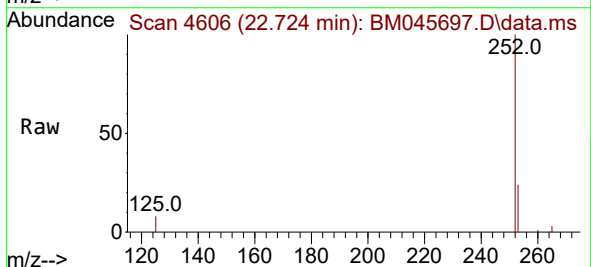
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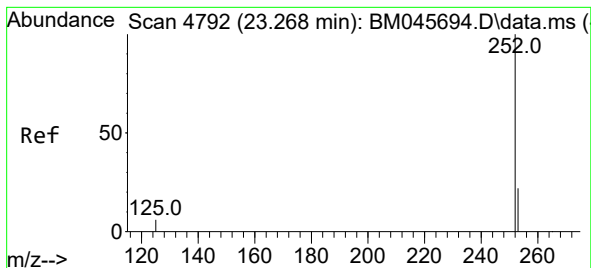
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#25
Benzo(k)fluoranthene
Concen: 2.613 ng/ul m
RT: 22.724 min Scan# 4606
Delta R.T. -0.040 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

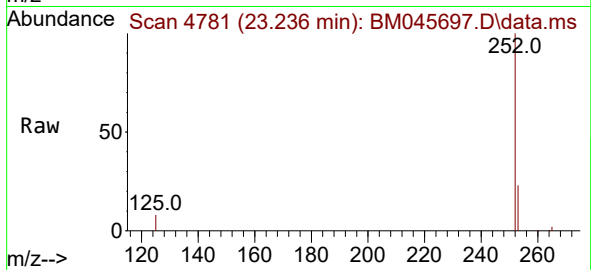
Tgt Ion:252 Resp: 22418
Ion Ratio Lower Upper
252 100
253 23.8 27.8 41.6#
125 8.1 11.9 17.9#





#26
Benzo(a)pyrene
Concen: 6.329 ng/ul
RT: 23.236 min Scan# 4792
Delta R.T. -0.052 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

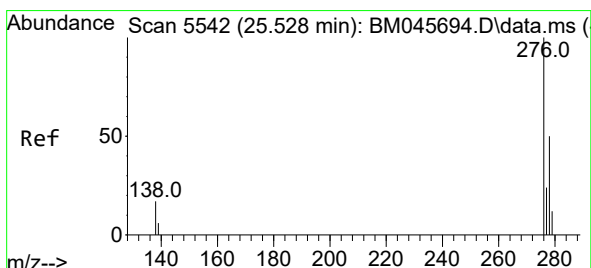
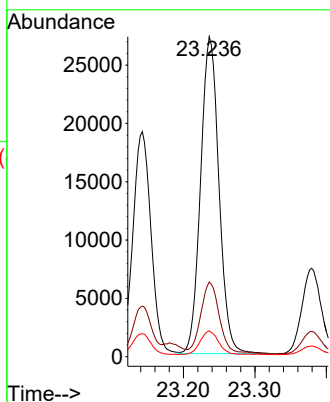
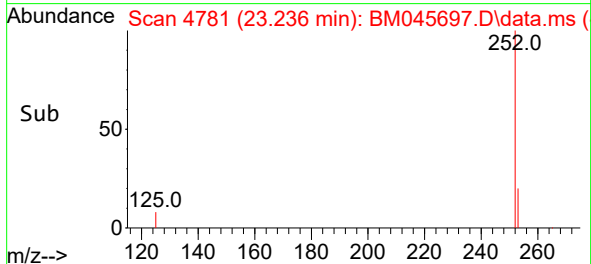
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:252 Resp: 4861
Ion Ratio Lower Upper
252 100
253 23.4 31.7 47.5
125 8.1 15.8 23.6

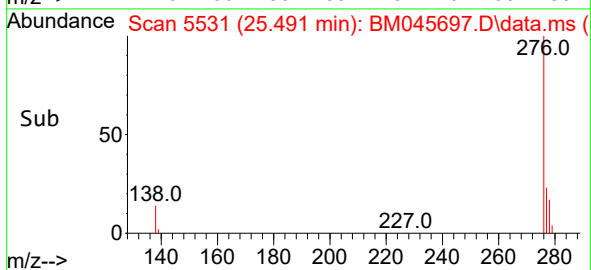
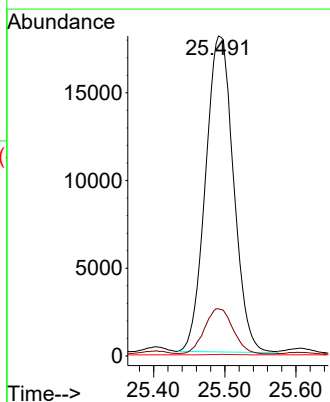
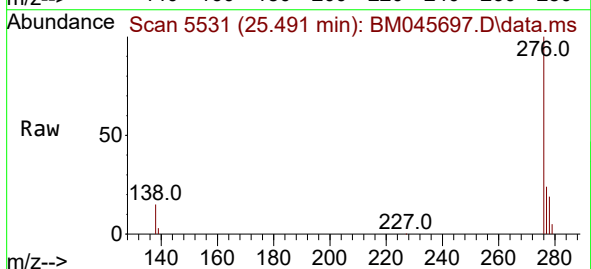
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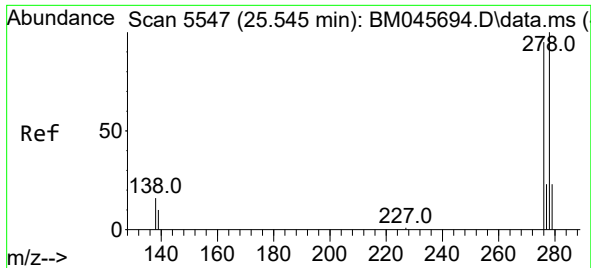
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.649 ng/ul
RT: 25.491 min Scan# 5531
Delta R.T. -0.076 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

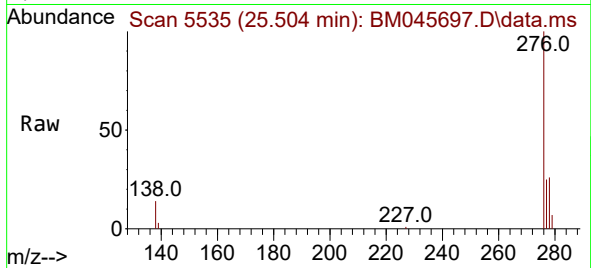
Tgt Ion:276 Resp: 49186
Ion Ratio Lower Upper
276 100
138 14.7 13.1 19.7
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.496 ng/ul m
RT: 25.504 min Scan# 5
Delta R.T. -0.083 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

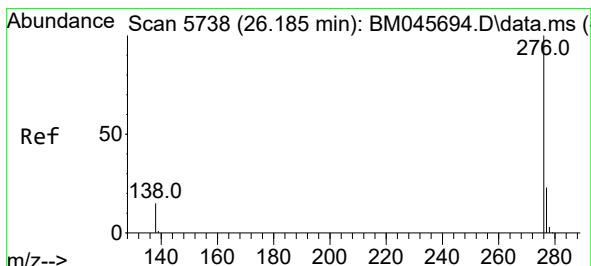
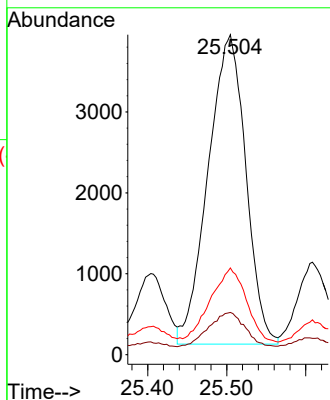
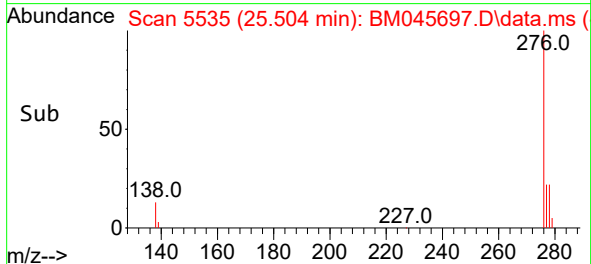
Instrument :
BNA_M
ClientSampleId :
E1CX6MS



Tgt Ion:278 Resp: 12654
Ion Ratio Lower Upper
278 100
139 13.2 16.9 25.3#
279 27.1 31.8 47.8#

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Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#29
Benzo(g,h,i)perylene
Concen: 5.894 ng/ul
RT: 26.152 min Scan# 5728
Delta R.T. -0.073 min
Lab File: BM045697.D
Acq: 03 May 2024 15:51

Tgt Ion:276 Resp: 55286
Ion Ratio Lower Upper
276 100
138 15.2 18.8 28.2#
277 24.1 27.1 40.7#

