

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035766.D
 Acq On : 29 Jun 2022 18:15
 Operator : CG/JU
 Sample : N3374-02MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSA

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 03:57:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	3366m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.589	136	11074222m	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	7282	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.165	188	11817	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.357	240	11621	0.400	ng/ul	#-0.02
23) Perylene-d12	23.677	264	12279	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	1250	0.274	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	11284	0.001	ng/ul	-0.06
18) Fluoranthene-d10	19.196	212	10851	0.277	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	19471	4.310	ng/ul#	1
5) Naphthalene	10.616	128	59477	0.002	ng/ul	98
7) 2-Methylnaphthalene	12.244	142	11276	0.001	ng/ul	95
8) 1-Methylnaphthalene	12.459	142	14430	0.001	ng/ul	97
11) Acenaphthene	14.478	153	31705	1.078	ng/ul	98
12) Fluorene	15.468	166	12199	0.360	ng/ul#	95
14) Pentachlorophenol	16.845	266	999	0.535	ng/ul	90
15) Phenanthrene	17.203	178	21949	0.513	ng/ul#	89
16) Anthracene	17.296	178	24111	0.678	ng/ul#	89
19) Fluoranthene	19.224	202	20322	0.349	ng/ul#	86
20) Pyrene	19.591	202	19596	0.300	ng/ul#	90
21) Benzo(a)anthracene	21.342	228	14780	0.368	ng/ul#	80
22) Chrysene	21.395	228	15871	0.307	ng/ul#	80
24) Benzo(b)fluoranthene	22.976	252	16603	0.315	ng/ul	64
25) Benzo(k)fluoranthene	23.022	252	15924	0.296	ng/ul#	65
26) Benzo(a)pyrene	23.578	252	16008	0.298	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.085	276	19360	0.330	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.088	278	15773	0.340	ng/ul#	70
29) Benzo(g,h,i)perylene	26.826	276	17397	0.322	ng/ul#	79

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

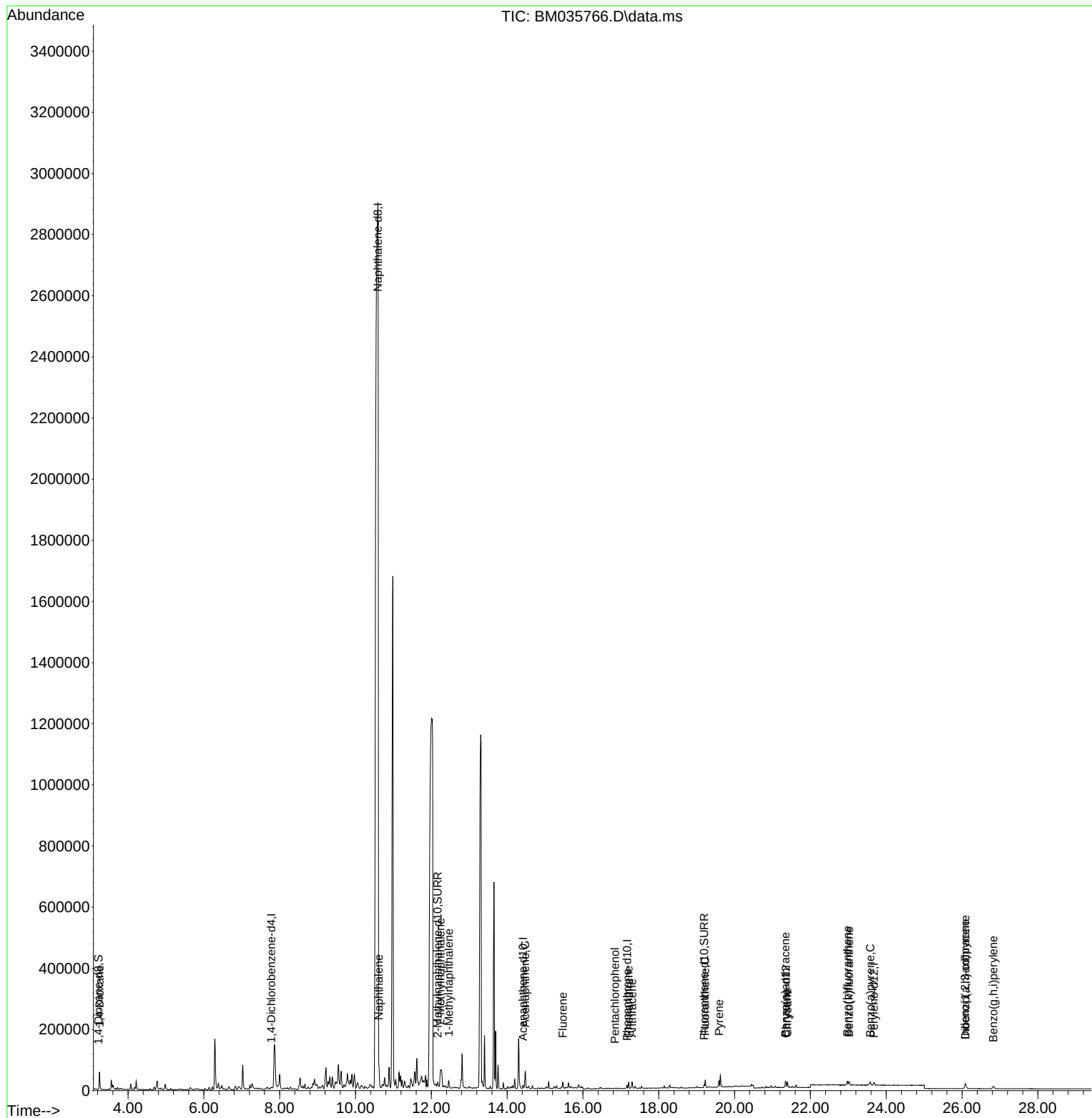
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035766.D
Acq On : 29 Jun 2022 18:15
Operator : CG/JU
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ALS Vial : 45 Sample Multiplier: 1

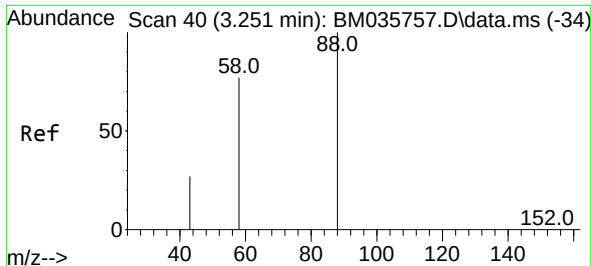
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 07/01/2022

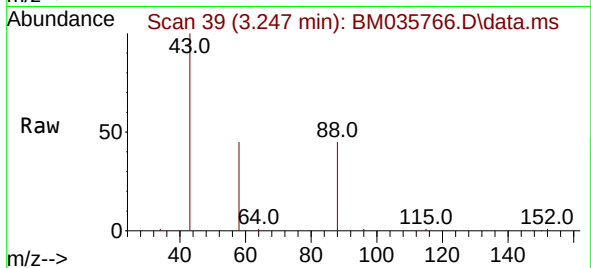
Quant Time: Jun 30 03:57:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.310 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

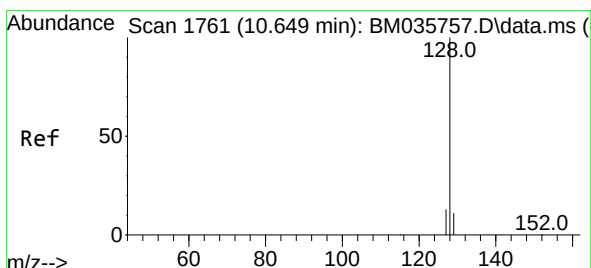
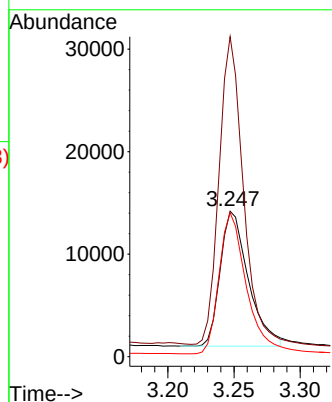
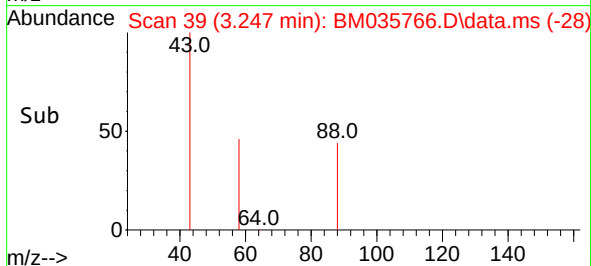
Instrument :
BNA_M
ClientSampleId :
EW4S6MSA



Tgt Ion: 88 Resp: 1947
Ion Ratio Lower Upper
88 100
43 220.0 37.8 56.6
58 99.0 42.6 63.8

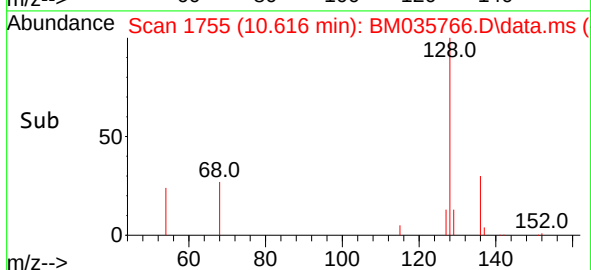
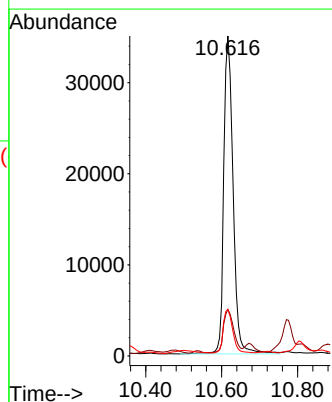
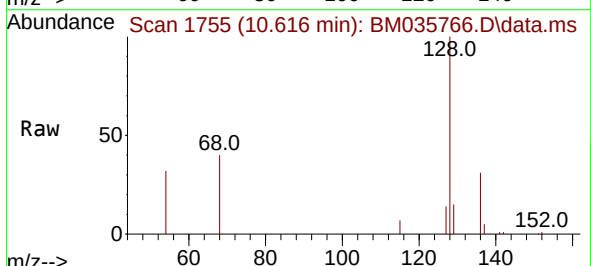
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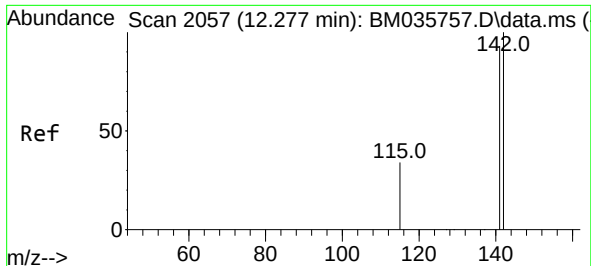
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.616 min Scan# 1755
Delta R.T. -0.055 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

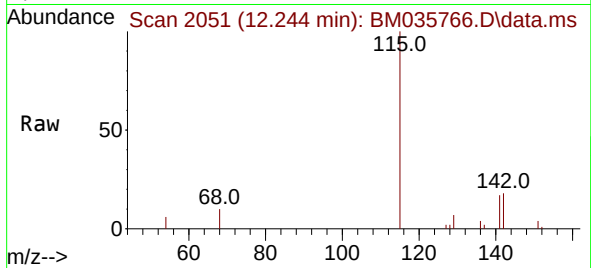
Tgt Ion:128 Resp: 59477
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 14.5 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.055 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

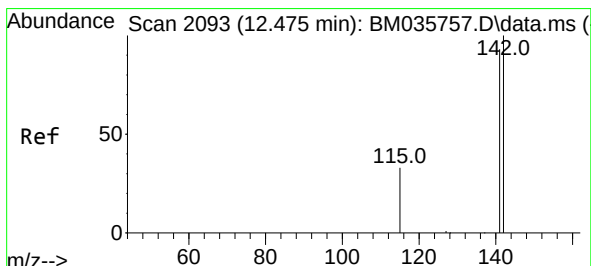
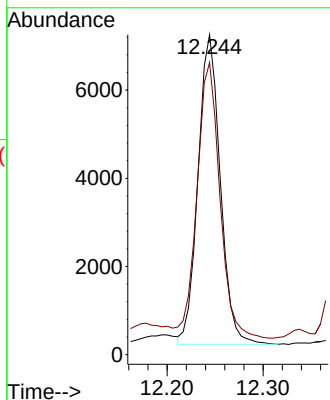
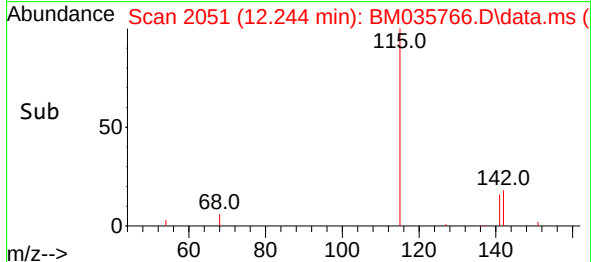
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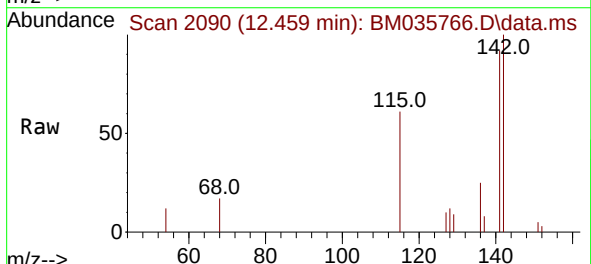
Tgt Ion:142 Resp: 11270
Ion Ratio Lower Upper
142 100
141 91.8 77.4 116.0

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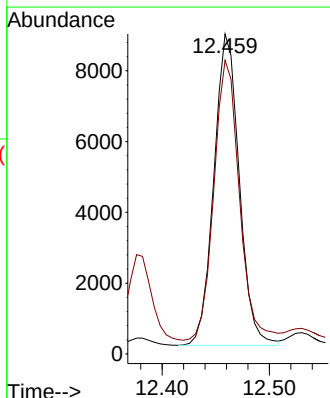
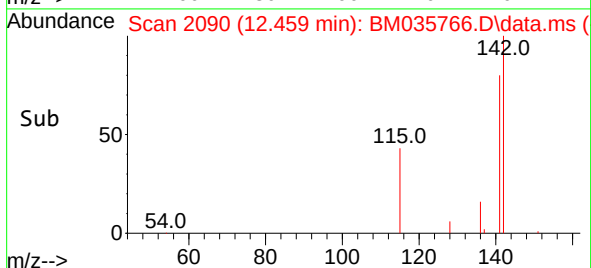
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

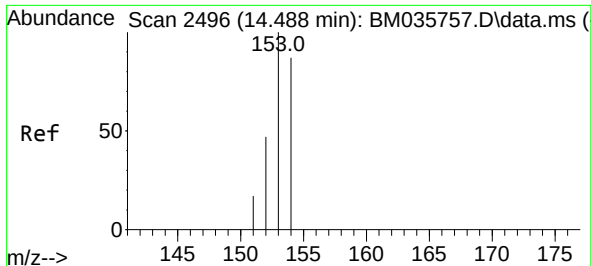


#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15



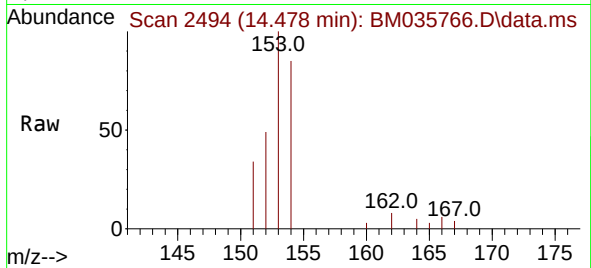
Tgt Ion:142 Resp: 14430
Ion Ratio Lower Upper
142 100
141 90.2 74.1 111.1





#11
Acenaphthene
Concen: 1.078 ng/u1
RT: 14.478 min Scan# 2496
Delta R.T. -0.019 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

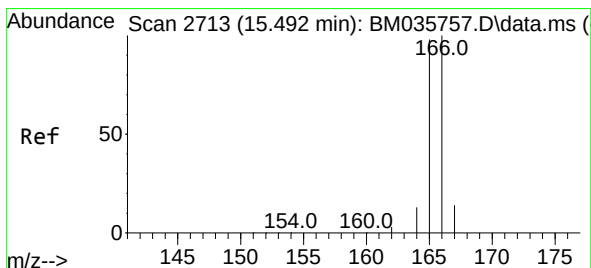
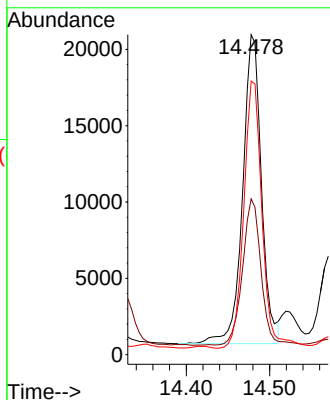
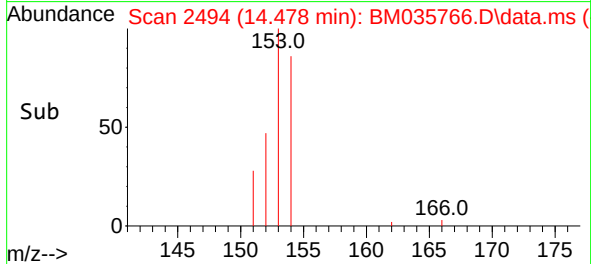
Instrument :
BNA_M
ClientSampleId :
EW4S6MSA



Tgt Ion:153 Resp: 3170
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 85.5 69.7 104.5

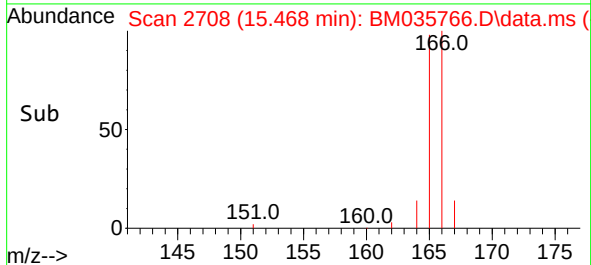
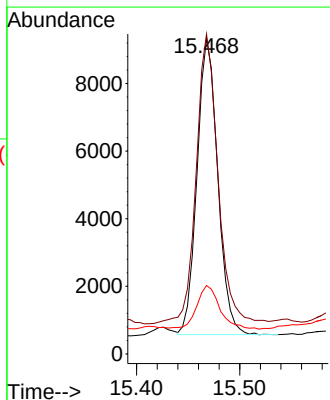
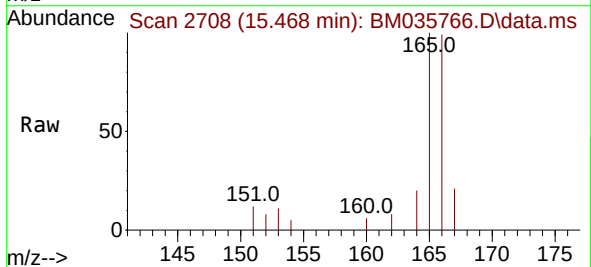
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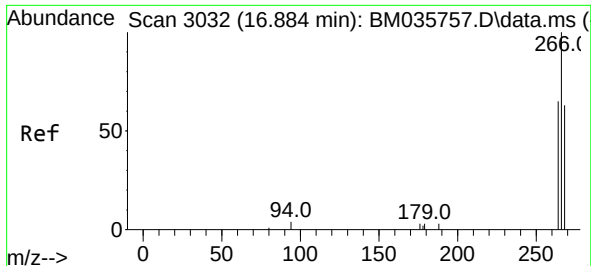
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#12
Fluorene
Concen: 0.360 ng/u1
RT: 15.468 min Scan# 2708
Delta R.T. -0.038 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

Tgt Ion:166 Resp: 12199
Ion Ratio Lower Upper
166 100
165 101.5 78.9 118.3
167 21.7 11.3 16.9#





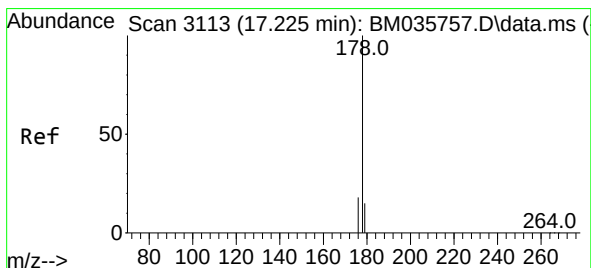
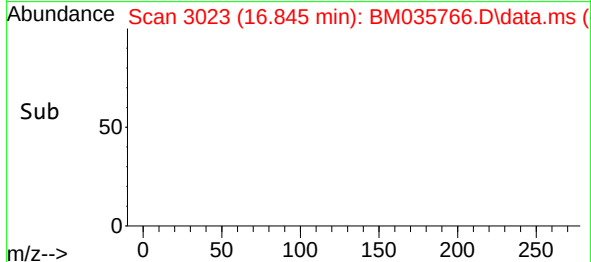
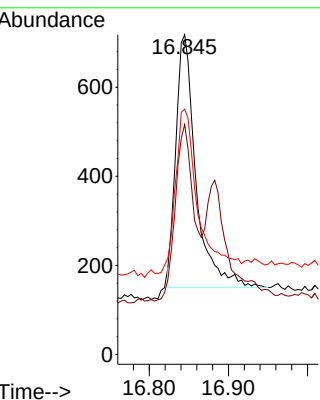
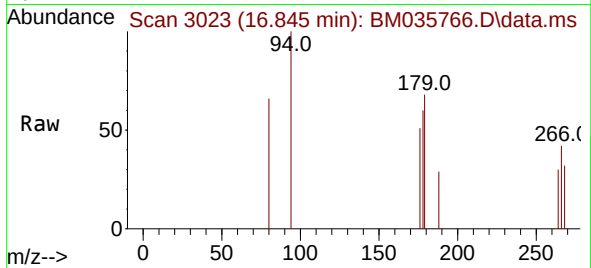
#14
Pentachlorophenol
Concen: 0.535 ng/ul
RT: 16.845 min Scan# 3032
Delta R.T. -0.051 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

Instrument :
BNA_M
ClientSampleId :
EW4S6MSA

Tgt Ion:266 Resp: 999
Ion Ratio Lower Upper
266 100
264 51.2 50.3 75.5
268 63.1 53.5 80.3

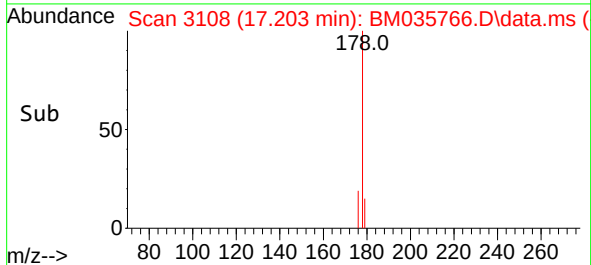
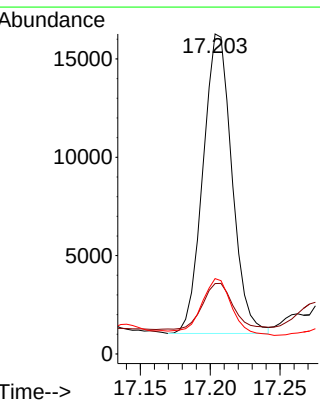
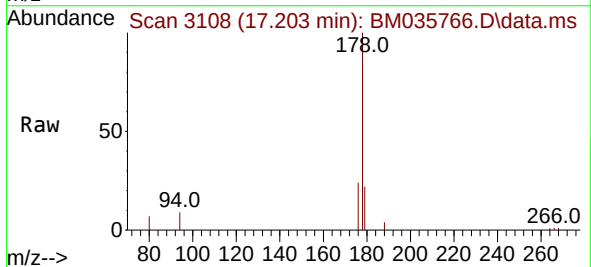
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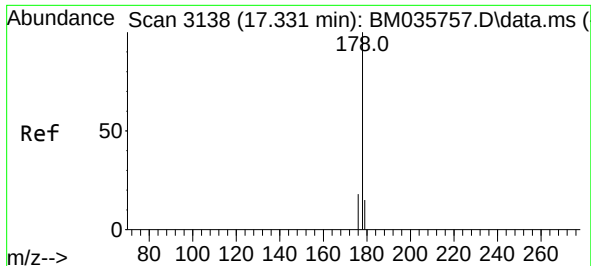
Reviewed By :Jagrut Upadhyay 06/30/2022
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#15
Phenanthrene
Concen: 0.513 ng/ul
RT: 17.203 min Scan# 3108
Delta R.T. -0.035 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

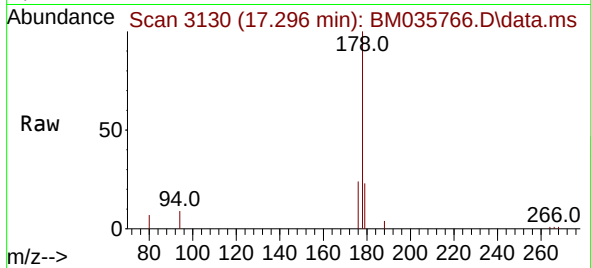
Tgt Ion:178 Resp: 21949
Ion Ratio Lower Upper
178 100
179 22.0 13.0 19.6#
176 23.6 15.6 23.4#





#16
 Anthracene
 Concen: 0.678 ng/ul
 RT: 17.296 min Scan# 3130
 Delta R.T. -0.051 min
 Lab File: BM035766.D
 Acq: 29 Jun 2022 18:15

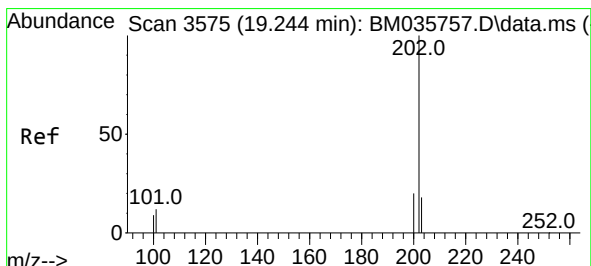
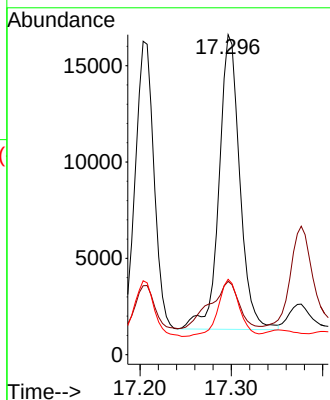
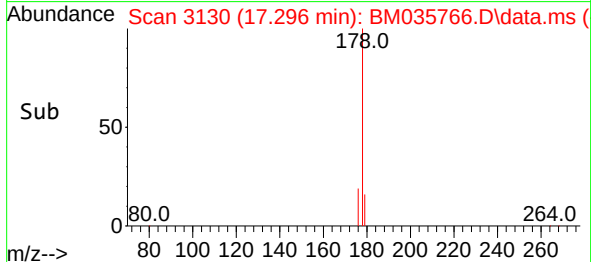
Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSA



Tgt Ion:178 Resp: 2411
 Ion Ratio Lower Upper
 178 100
 179 22.9 13.6 20.4#
 176 23.5 15.6 23.4#

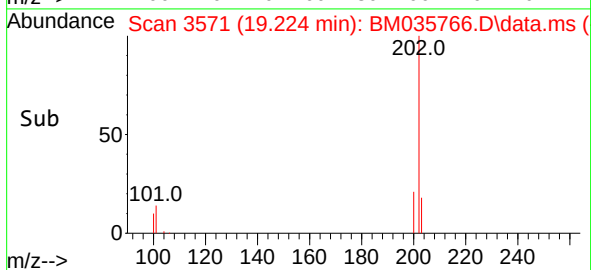
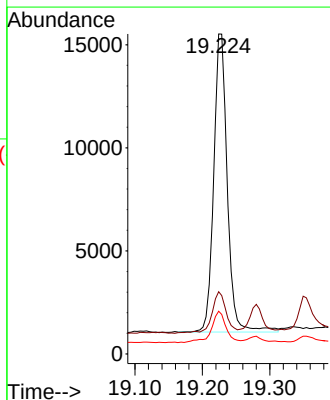
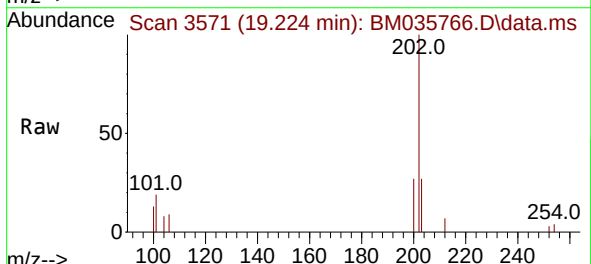
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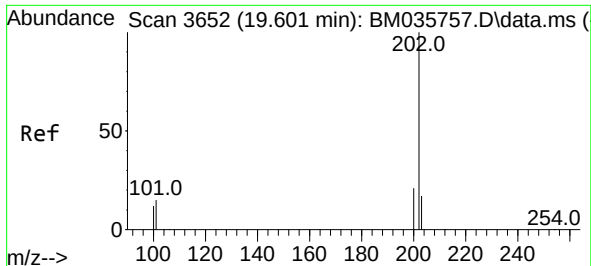
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022



#19
 Fluoranthene
 Concen: 0.349 ng/ul
 RT: 19.224 min Scan# 3571
 Delta R.T. -0.024 min
 Lab File: BM035766.D
 Acq: 29 Jun 2022 18:15

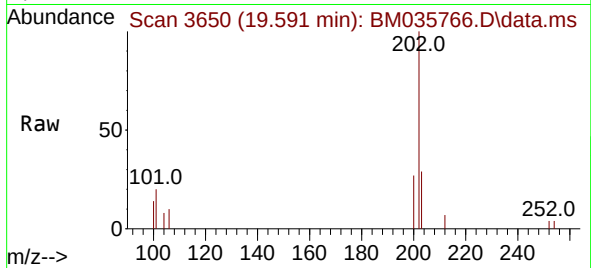
Tgt Ion:202 Resp: 20322
 Ion Ratio Lower Upper
 202 100
 101 19.5 10.1 15.1#
 100 13.3 7.9 11.9#





#20
Pyrene
Concen: 0.300 ng/ul
RT: 19.591 min Scan# 30
Delta R.T. -0.019 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

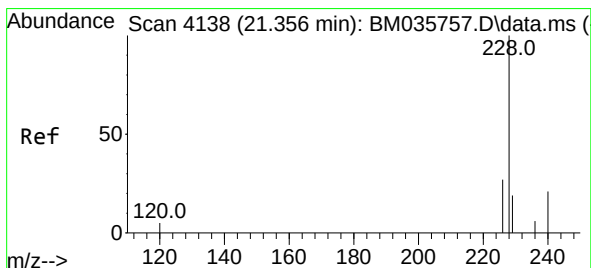
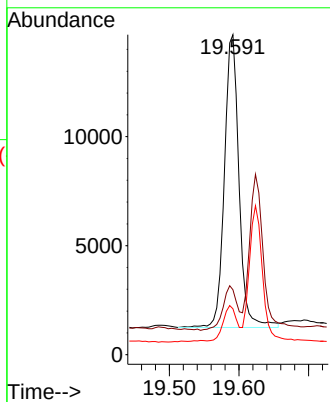
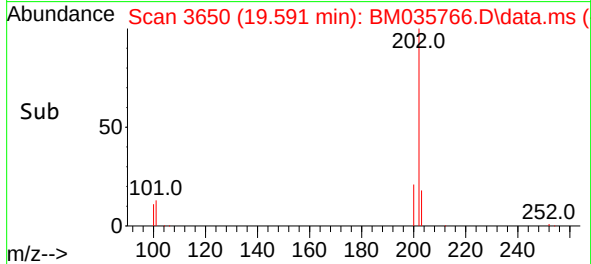
Instrument :
BNA_M
ClientSampleId :
EW4S6MSA



Tgt Ion:202 Resp: 19590
Ion Ratio Lower Upper
202 100
101 20.3 12.0 18.0#
100 14.4 9.8 14.6

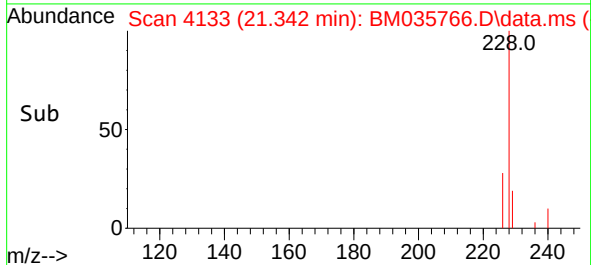
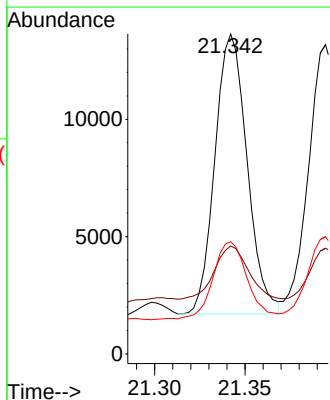
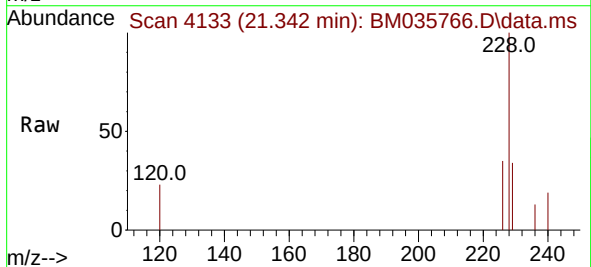
Manual Integrations
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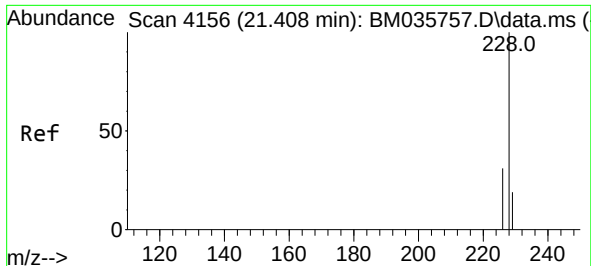
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.342 min Scan# 4133
Delta R.T. -0.019 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

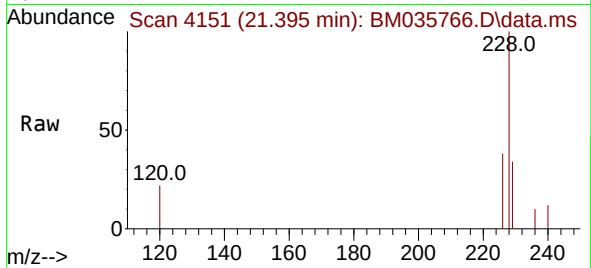
Tgt Ion:228 Resp: 14780
Ion Ratio Lower Upper
228 100
229 33.8 16.2 24.2#
226 35.1 22.5 33.7#





#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.395 min Scan# 4156
Delta R.T. -0.014 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

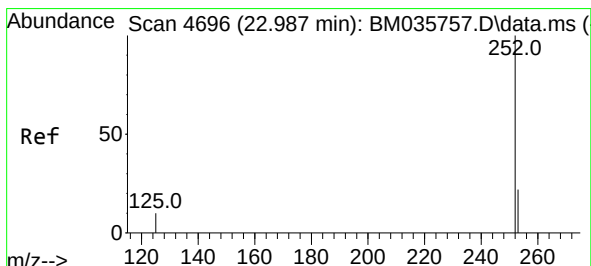
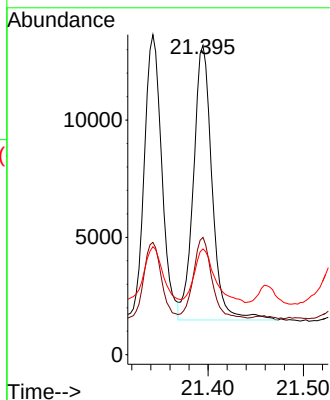
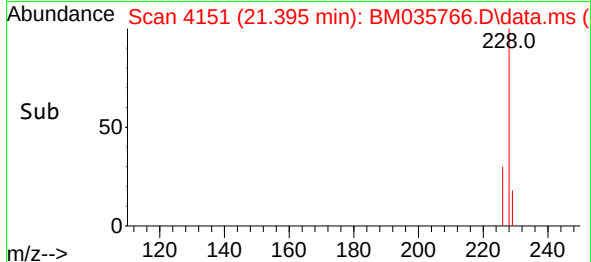
Instrument :
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Tgt Ion:228 Resp: 1587
Ion Ratio Lower Upper
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226 37.9 24.6 37.0
229 34.2 16.4 24.6

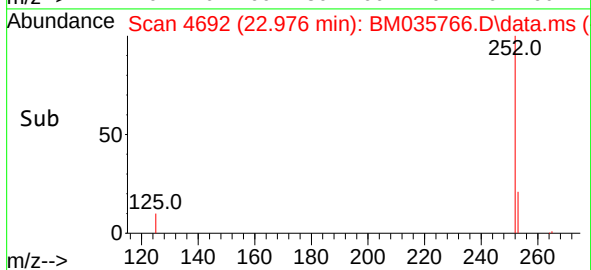
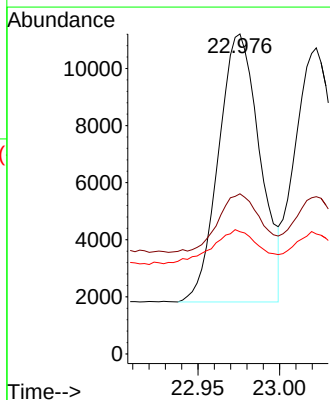
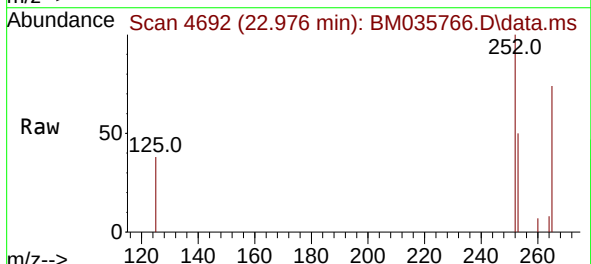
Manual Integrations
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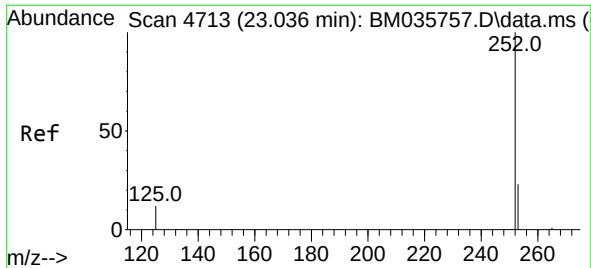
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 22.976 min Scan# 4692
Delta R.T. -0.014 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

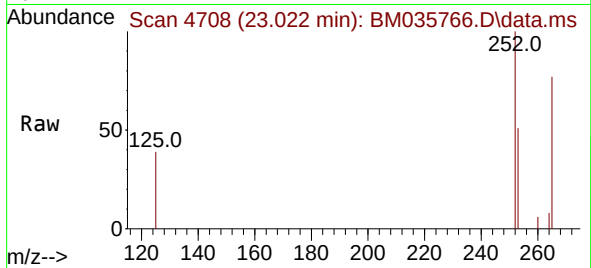
Tgt Ion:252 Resp: 16603
Ion Ratio Lower Upper
252 100
253 50.1 0.0 61.4
125 38.2 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.296 ng/u1
RT: 23.022 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

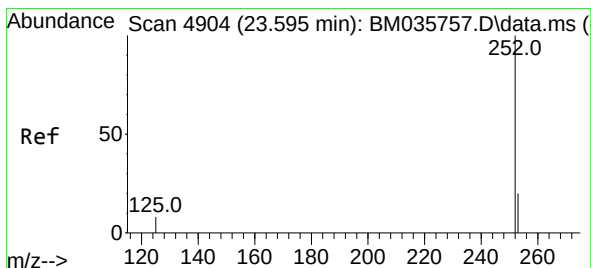
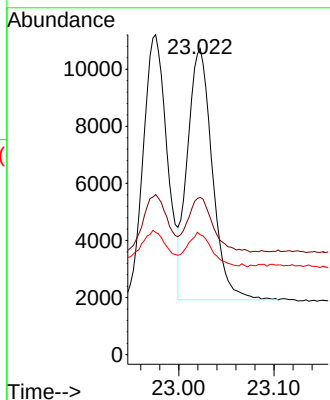
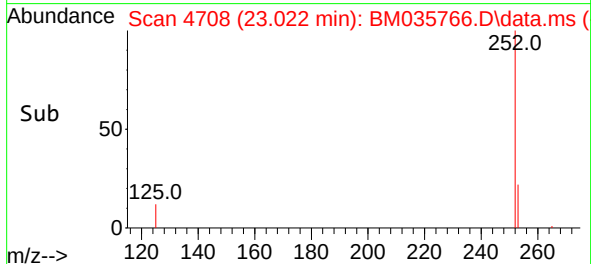
Instrument :
BNA_M
ClientSampleId :
EW4S6MSA



Tgt Ion:252 Resp: 15924
Ion Ratio Lower Upper
252 100
253 51.4 25.2 37.8#
125 39.2 18.3 27.5#

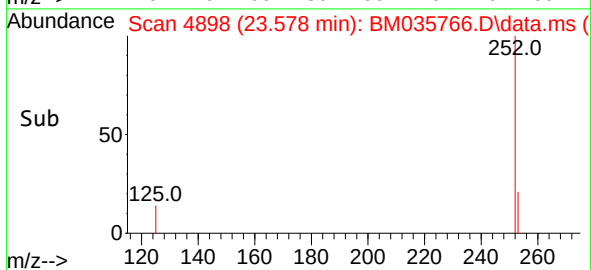
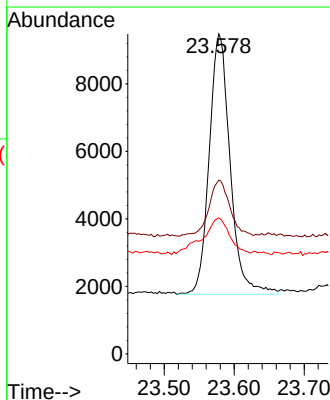
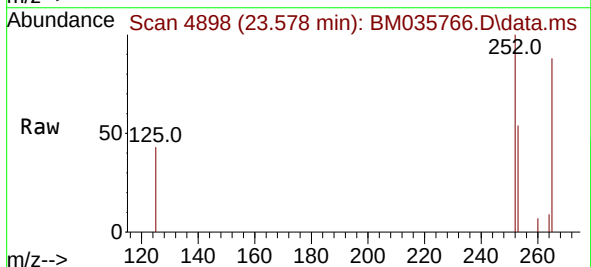
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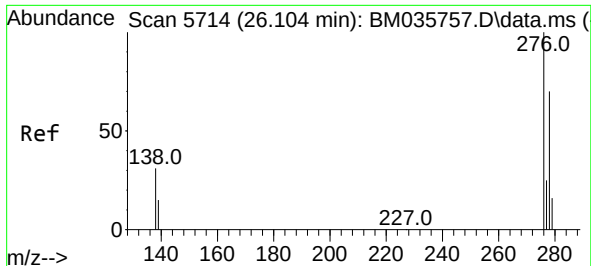
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#26
Benzo(a)pyrene
Concen: 0.298 ng/u1
RT: 23.578 min Scan# 4898
Delta R.T. -0.022 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

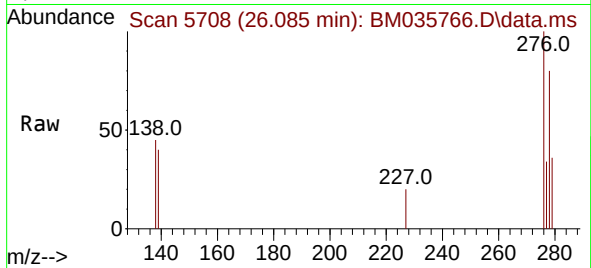
Tgt Ion:252 Resp: 16008
Ion Ratio Lower Upper
252 100
253 54.4 29.7 44.5#
125 42.5 23.6 35.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.330 ng/ul
 RT: 26.085 min Scan# 5708
 Delta R.T. -0.023 min
 Lab File: BM035766.D
 Acq: 29 Jun 2022 18:15

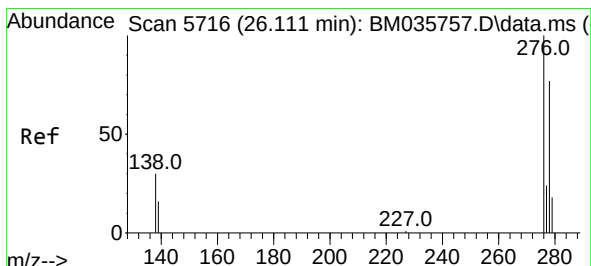
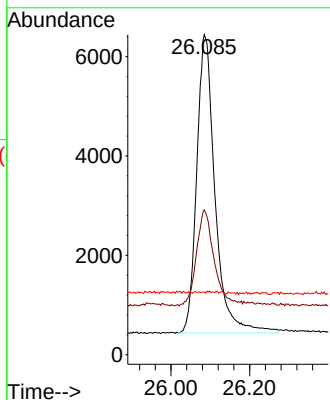
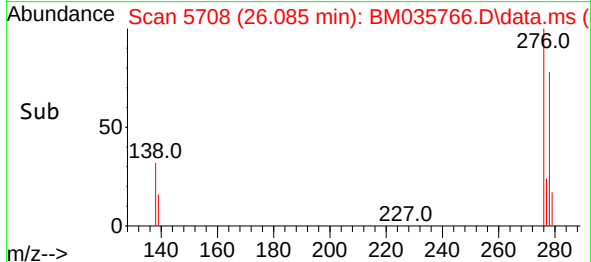
Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSA



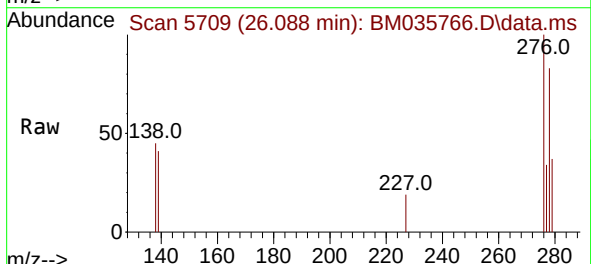
Tgt Ion:276 Resp: 19360
 Ion Ratio Lower Upper
 276 100
 138 31.2 23.9 35.9
 227 0.2 0.1 0.1

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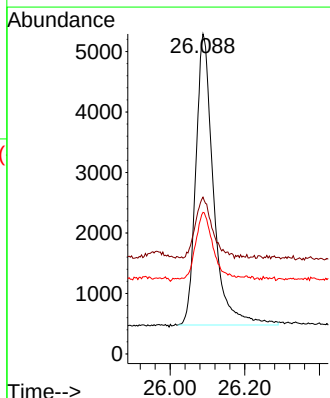
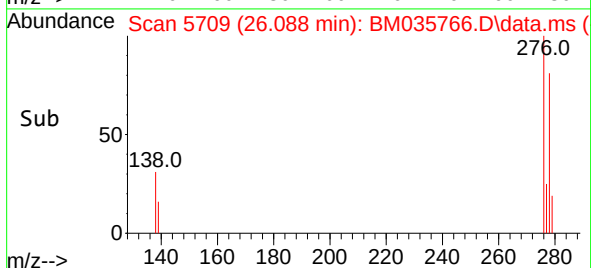
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

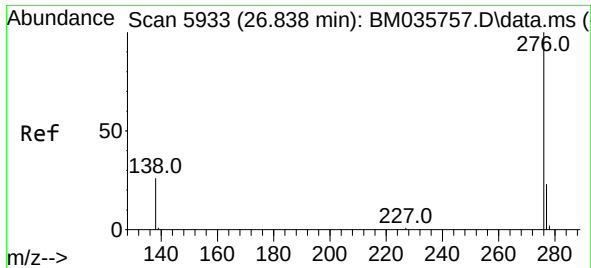


#28
 Dibenzo(a,h)anthracene
 Concen: 0.340 ng/ul
 RT: 26.088 min Scan# 5709
 Delta R.T. -0.036 min
 Lab File: BM035766.D
 Acq: 29 Jun 2022 18:15



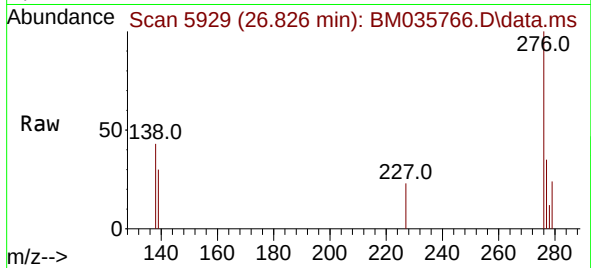
Tgt Ion:278 Resp: 15773
 Ion Ratio Lower Upper
 278 100
 139 49.0 19.8 29.6#
 279 44.3 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.322 ng/ul
RT: 26.826 min Scan# 5933
Delta R.T. -0.019 min
Lab File: BM035766.D
Acq: 29 Jun 2022 18:15

Instrument :
BNA_M
ClientSampleId :
EW4S6MSA



Tgt Ion:276 Resp: 1739
Ion Ratio Lower Upper
276 100
138 42.9 23.4 35.0
277 34.8 21.0 31.4

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Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

