

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035769.D
 Acq On : 29 Jun 2022 20:08
 Operator : CG/JU
 Sample : N3375-03MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 04:05:36 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	3470m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.595	136	11523253m	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	8069	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.161	188	12361	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.357	240	12477	0.400	ng/ul	#-0.02
23) Perylene-d12	23.677	264	12609	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1271	0.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	12387m	0.001	ng/ul	-0.06
18) Fluoranthene-d10	19.196	212	12098	0.288	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	19863	4.265	ng/ul#	1
5) Naphthalene	10.617	128	60284	0.002	ng/ul	98
7) 2-Methylnaphthalene	12.244	142	12050	0.001	ng/ul	95
8) 1-Methylnaphthalene	12.459	142	15394	0.001	ng/ul	97
11) Acenaphthene	14.478	153	34186	1.049	ng/ul	98
12) Fluorene	15.468	166	13404	0.357	ng/ul#	95
14) Pentachlorophenol	16.845	266	1152	0.590	ng/ul	93
15) Phenanthrene	17.204	178	24080	0.538	ng/ul#	89
16) Anthracene	17.296	178	26617	0.715	ng/ul#	90
19) Fluoranthene	19.224	202	22282	0.356	ng/ul#	88
20) Pyrene	19.587	202	22120	0.316	ng/ul#	89
21) Benzo(a)anthracene	21.339	228	16394	0.380	ng/ul#	82
22) Chrysene	21.392	228	17578	0.317	ng/ul#	82
24) Benzo(b)fluoranthene	22.976	252	18132	0.336	ng/ul	69
25) Benzo(k)fluoranthene	23.020	252	16993	0.308	ng/ul#	72
26) Benzo(a)pyrene	23.575	252	17403	0.315	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.085	276	20294	0.337	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.088	278	16792	0.352	ng/ul#	74
29) Benzo(g,h,i)perylene	26.823	276	18116	0.326	ng/ul#	83

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

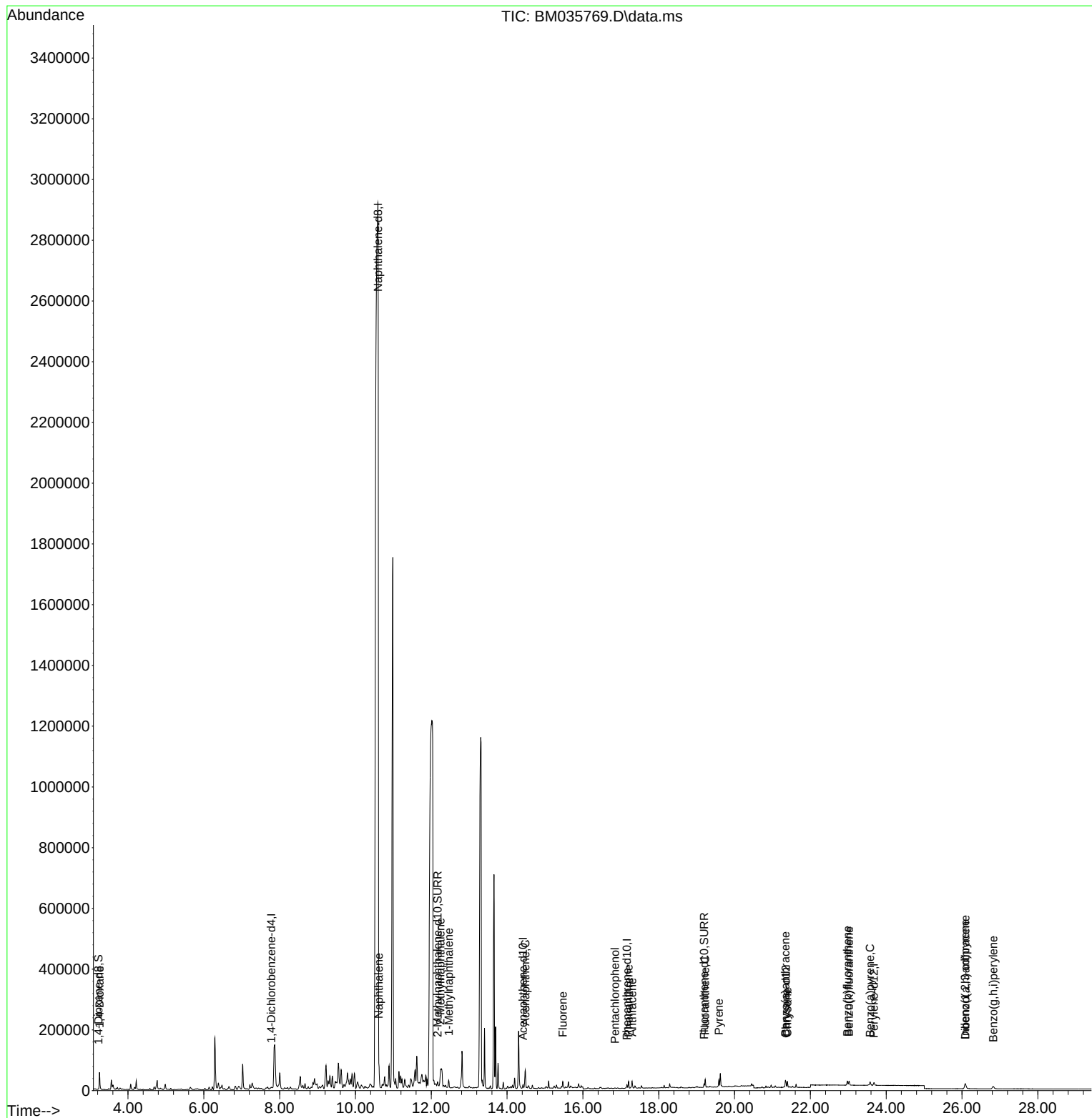
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035769.D
Acq On : 29 Jun 2022 20:08
Operator : CG/JU
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ALS Vial : 48 Sample Multiplier: 1

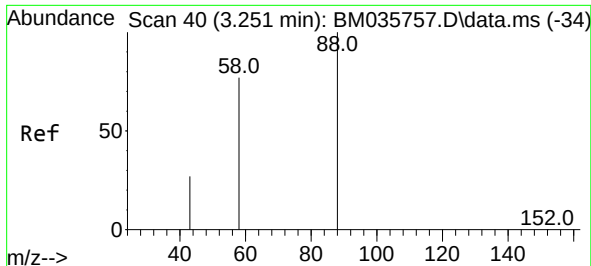
Instrument :
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ClientSampleId :
EW4S6MSD

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Supervised By :mohammad ahmed 07/01/2022

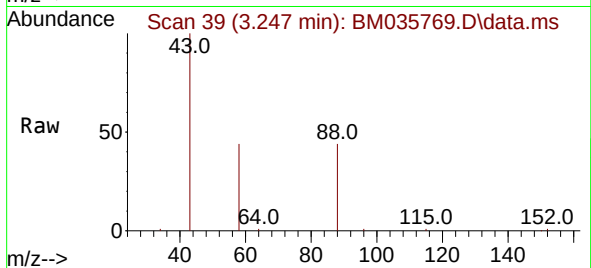
Quant Time: Jun 30 04:05:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.265 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

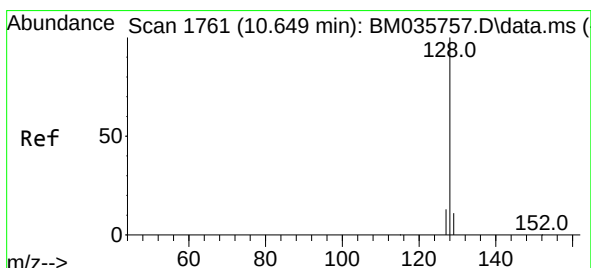
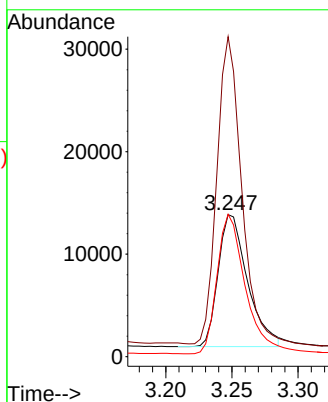
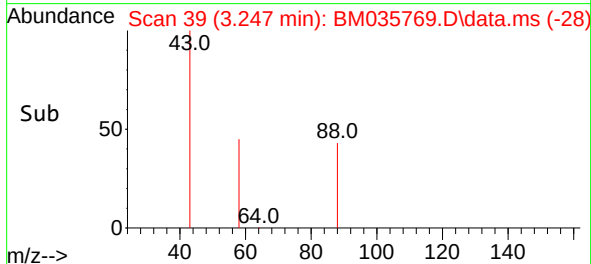
Instrument :
BNA_M
ClientSampleId :
EW4S6MSD



Tgt Ion: 88 Resp: 1986
Ion Ratio Lower Upper
88 100
43 225.3 37.8 56.6
58 100.3 42.6 63.8

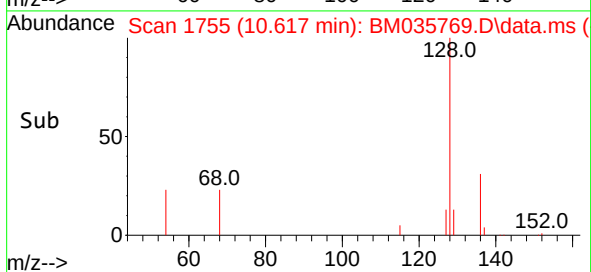
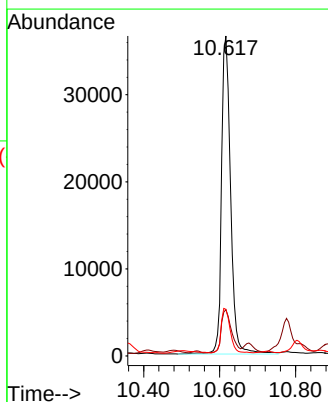
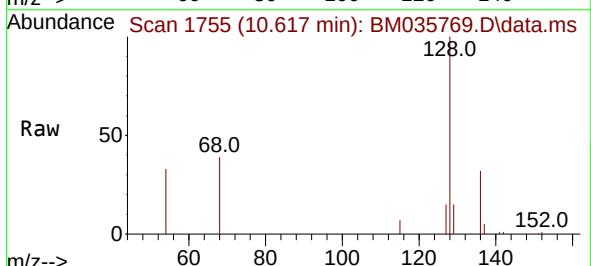
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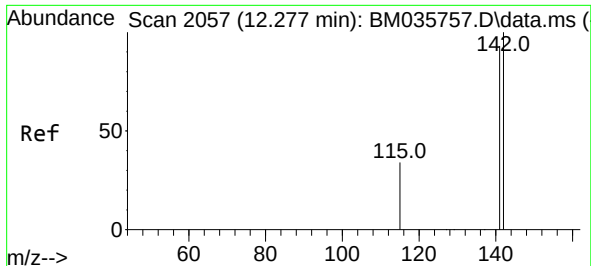
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. -0.055 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

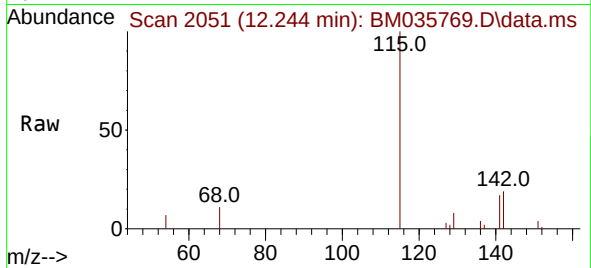
Tgt Ion:128 Resp: 60284
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 14.5 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.055 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

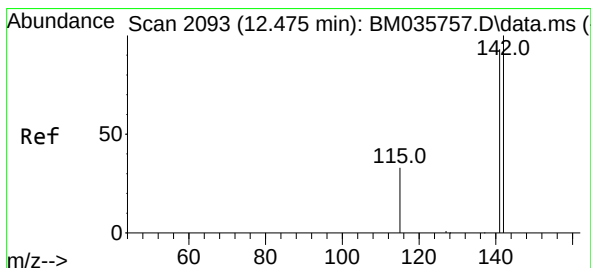
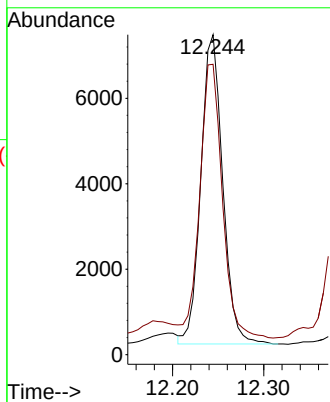
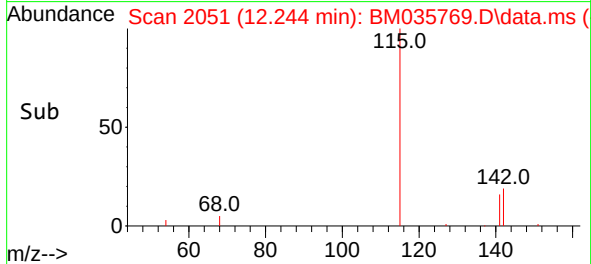
Instrument :
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ClientSampleId :
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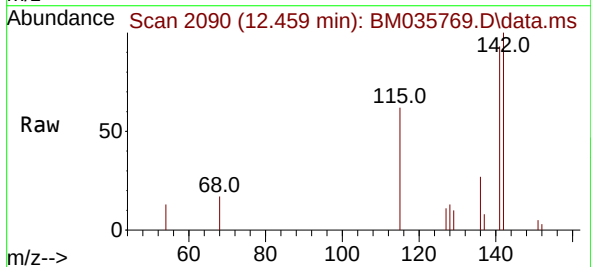
Tgt Ion:142 Resp: 12050
Ion Ratio Lower Upper
142 100
141 91.7 77.4 116.0

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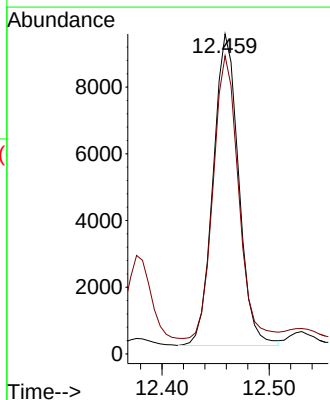
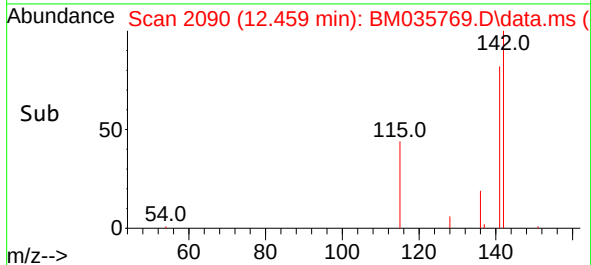
Reviewed By :Jagrut Upadhyay 06/30/2022
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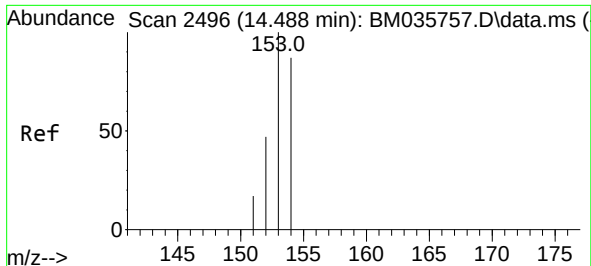


#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08



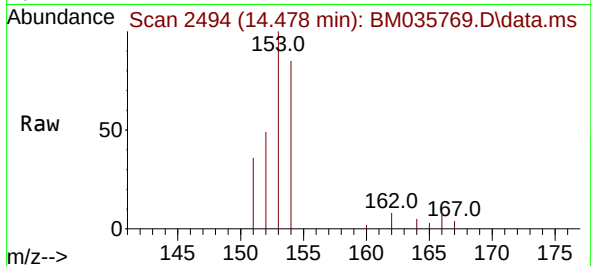
Tgt Ion:142 Resp: 15394
Ion Ratio Lower Upper
142 100
141 89.5 74.1 111.1





#11
Acenaphthene
Concen: 1.049 ng/u1
RT: 14.478 min Scan# 2496
Delta R.T. -0.019 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

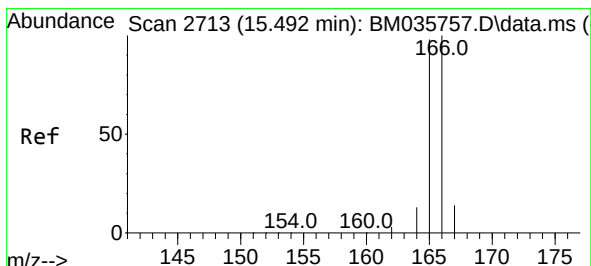
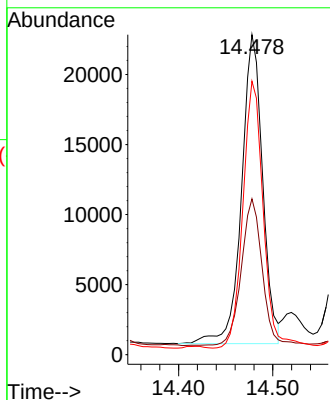
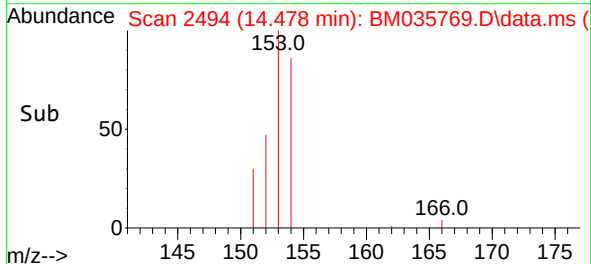
Instrument :
BNA_M
ClientSampleId :
EW4S6MSD



Tgt Ion:153 Resp: 34180
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 85.5 69.7 104.5

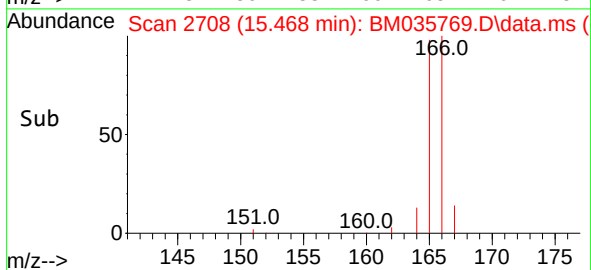
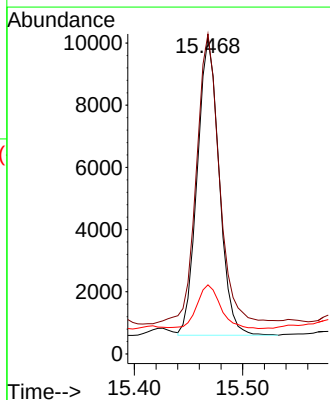
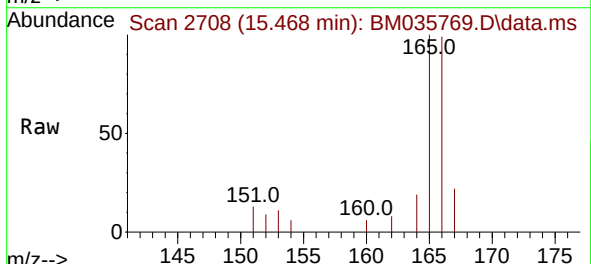
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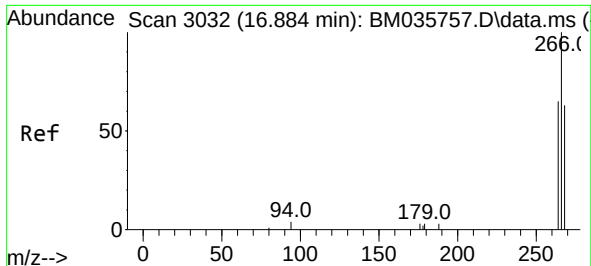
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#12
Fluorene
Concen: 0.357 ng/u1
RT: 15.468 min Scan# 2708
Delta R.T. -0.038 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

Tgt Ion:166 Resp: 13404
Ion Ratio Lower Upper
166 100
165 101.3 78.9 118.3
167 21.9 11.3 16.9#





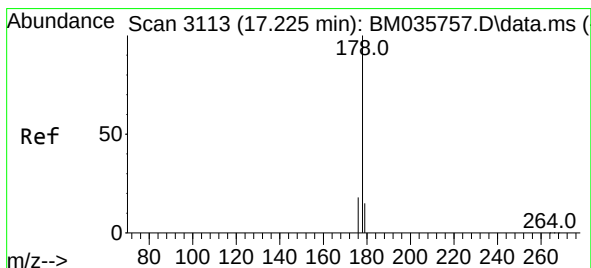
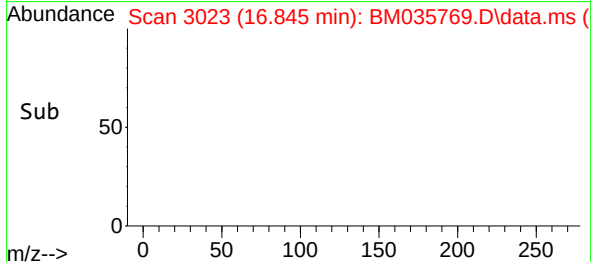
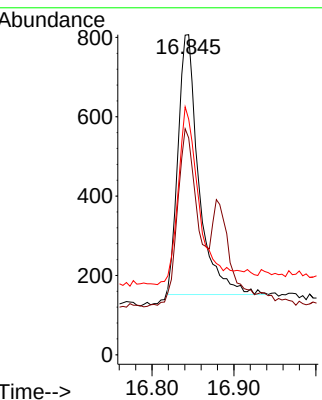
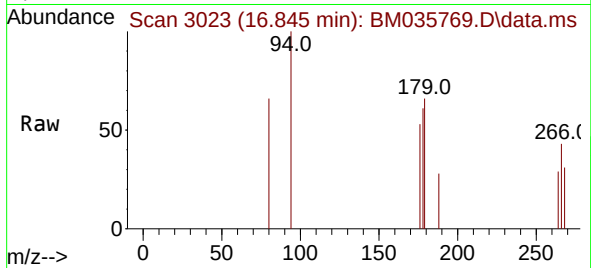
#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.845 min Scan# 3032
Delta R.T. -0.051 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

Instrument :
BNA_M
ClientSampleId :
EW4S6MSD

Tgt Ion:266 Resp: 1152
Ion Ratio Lower Upper
266 100
264 57.6 50.3 75.5
268 61.2 53.5 80.3

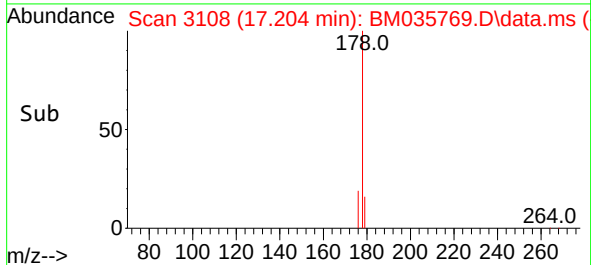
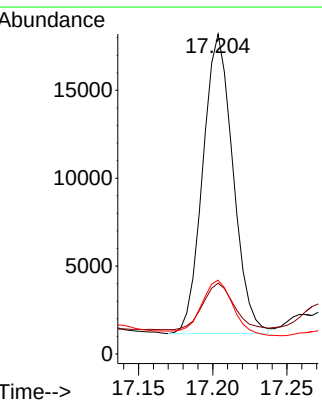
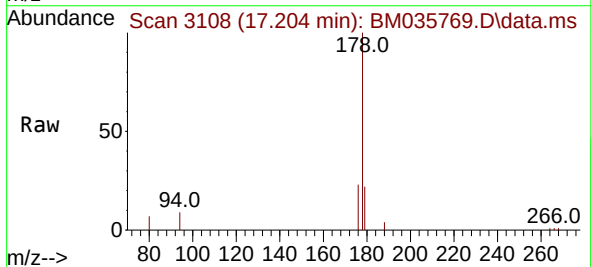
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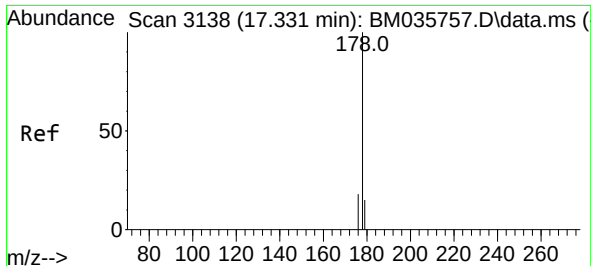
Reviewed By :Jagrut Upadhyay 06/30/2022
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#15
Phenanthrene
Concen: 0.538 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.034 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

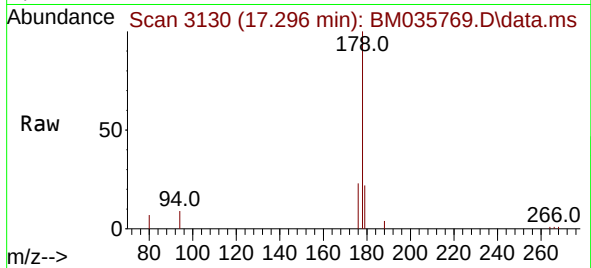
Tgt Ion:178 Resp: 24080
Ion Ratio Lower Upper
178 100
179 22.2 13.0 19.6#
176 23.1 15.6 23.4





#16
 Anthracene
 Concen: 0.715 ng/ul
 RT: 17.296 min Scan# 3130
 Delta R.T. -0.051 min
 Lab File: BM035769.D
 Acq: 29 Jun 2022 20:08

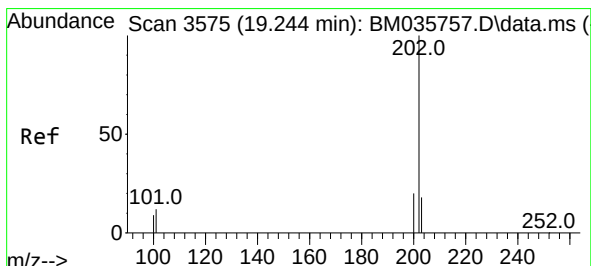
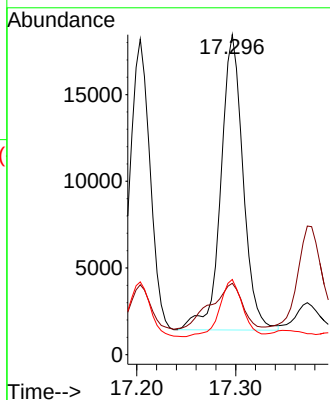
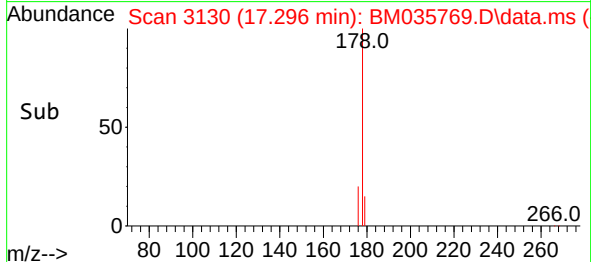
Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSD



Tgt Ion:178 Resp: 2661
 Ion Ratio Lower Upper
 178 100
 179 22.3 13.6 20.4#
 176 23.5 15.6 23.4#

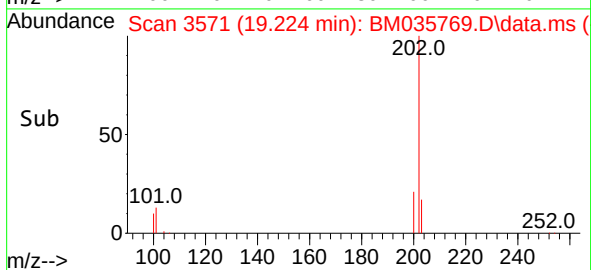
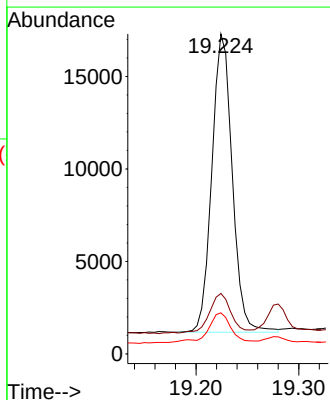
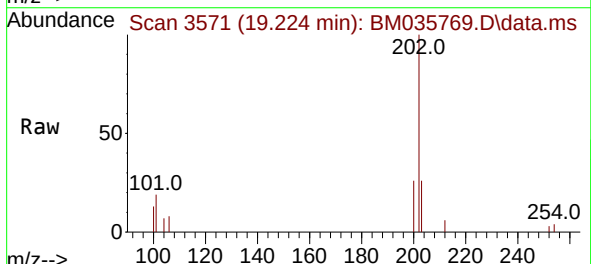
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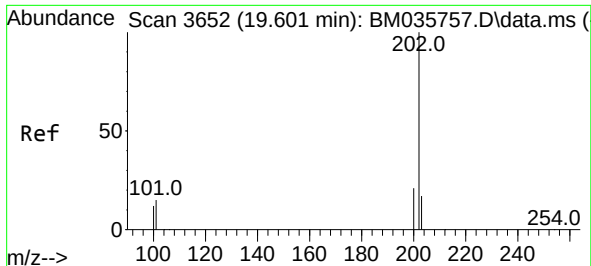
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022



#19
 Fluoranthene
 Concen: 0.356 ng/ul
 RT: 19.224 min Scan# 3571
 Delta R.T. -0.024 min
 Lab File: BM035769.D
 Acq: 29 Jun 2022 20:08

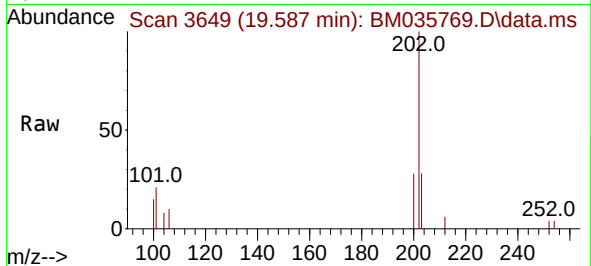
Tgt Ion:202 Resp: 22282
 Ion Ratio Lower Upper
 202 100
 101 18.9 10.1 15.1#
 100 12.8 7.9 11.9#





#20
Pyrene
Concen: 0.316 ng/u1
RT: 19.587 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

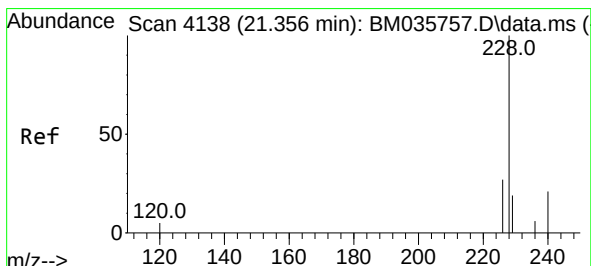
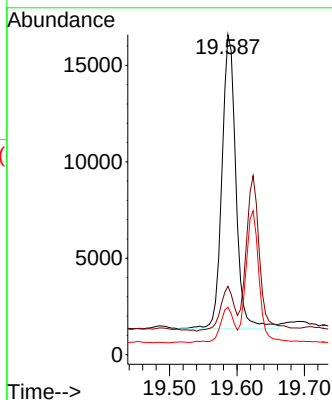
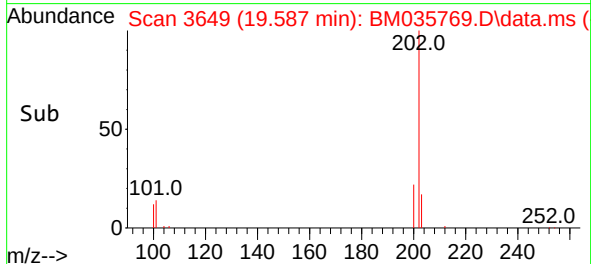
Instrument :
BNA_M
ClientSampleId :
EW4S6MSD



Tgt Ion:202 Resp: 22120
Ion Ratio Lower Upper
202 100
101 21.3 12.0 18.0#
100 14.9 9.8 14.6#

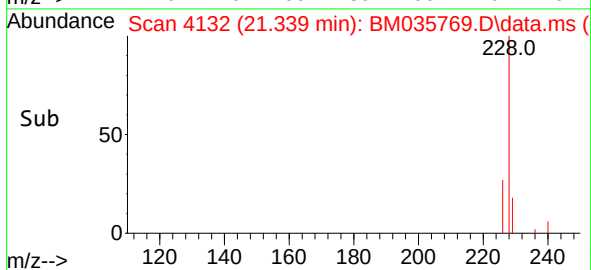
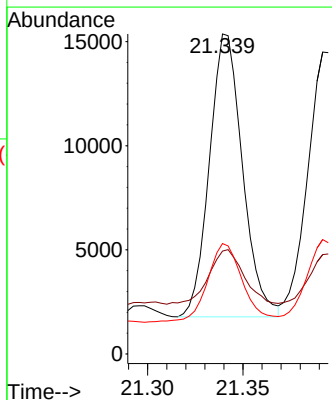
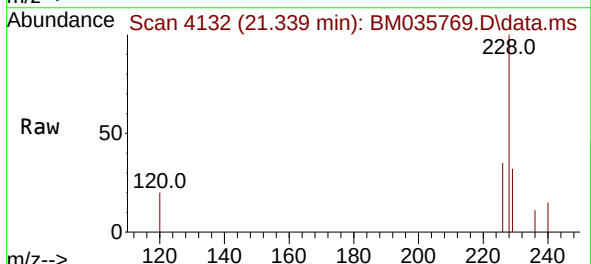
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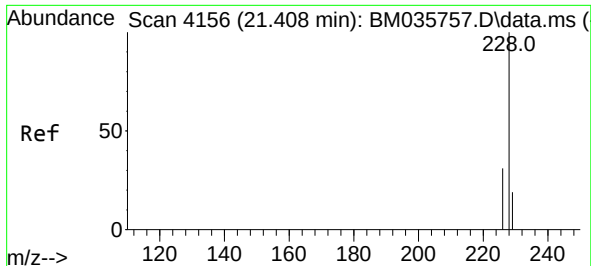
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#21
Benzo(a)anthracene
Concen: 0.380 ng/u1
RT: 21.339 min Scan# 4132
Delta R.T. -0.022 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

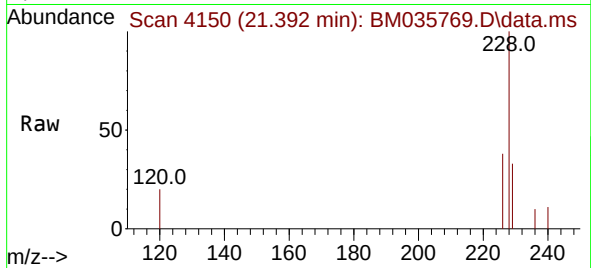
Tgt Ion:228 Resp: 16394
Ion Ratio Lower Upper
228 100
229 32.1 16.2 24.2#
226 34.5 22.5 33.7#





#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.392 min Scan# 4156
Delta R.T. -0.016 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

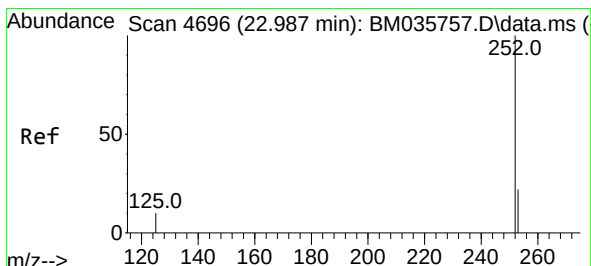
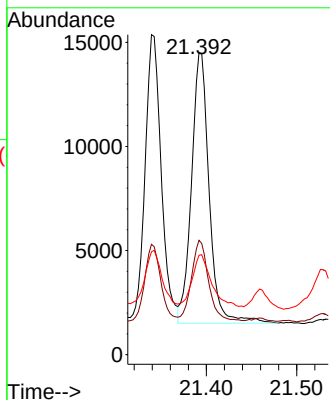
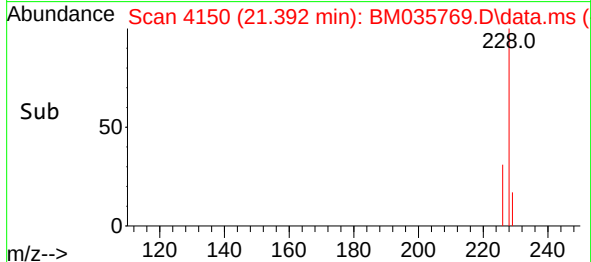
Instrument :
BNA_M
ClientSampleId :
EW4S6MSD



Tgt Ion:228 Resp: 17578
Ion Ratio Lower Upper
228 100
226 37.9 24.6 37.0
229 32.9 16.4 24.6

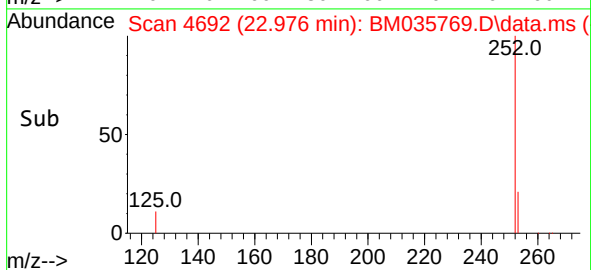
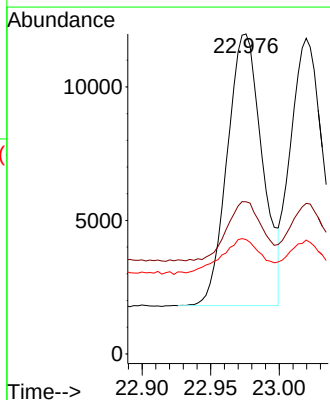
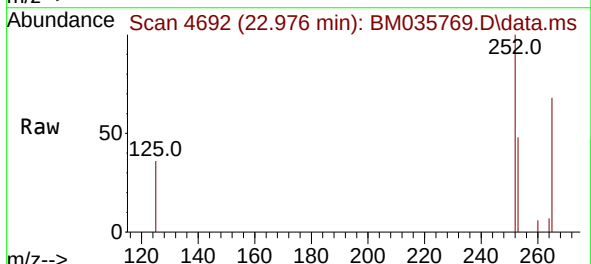
Manual Integrations
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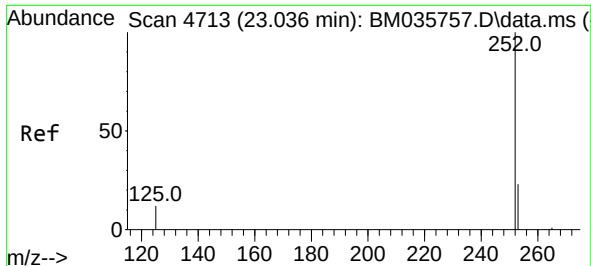
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 22.976 min Scan# 4692
Delta R.T. -0.014 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

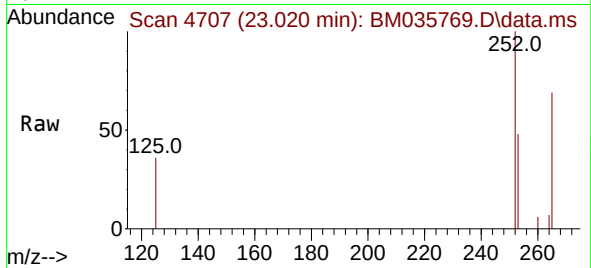
Tgt Ion:252 Resp: 18132
Ion Ratio Lower Upper
252 100
253 47.5 0.0 61.4
125 35.8 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.308 ng/u1
RT: 23.020 min Scan# 41
Delta R.T. -0.019 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

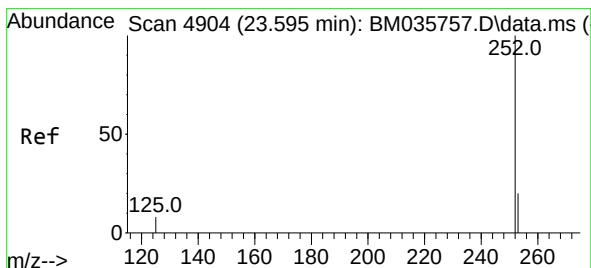
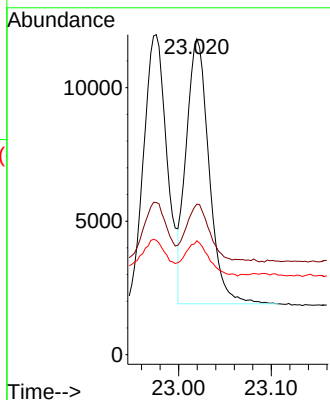
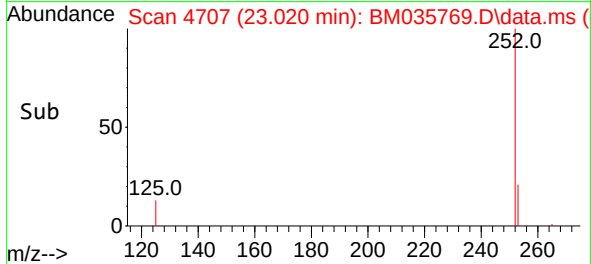
Instrument :
BNA_M
ClientSampleId :
EW4S6MSD



Tgt Ion:252 Resp: 1699
Ion Ratio Lower Upper
252 100
253 47.7 25.2 37.8
125 36.1 18.3 27.5

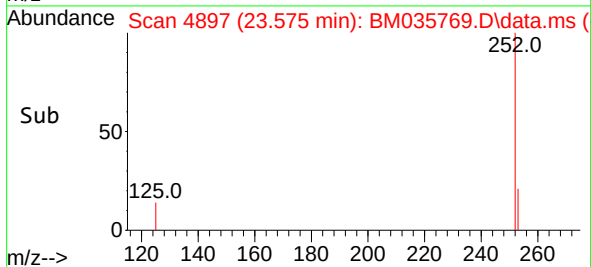
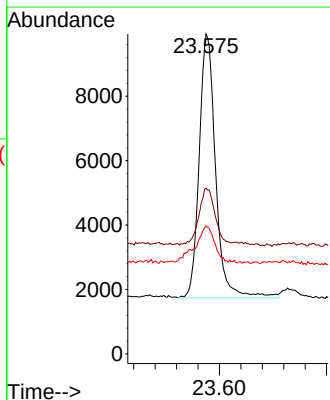
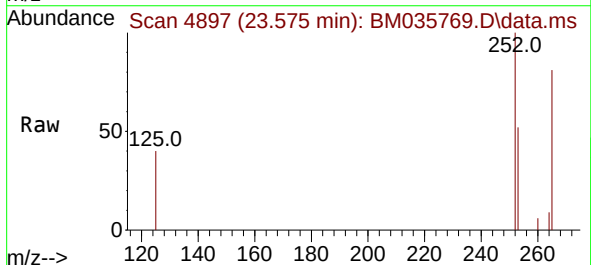
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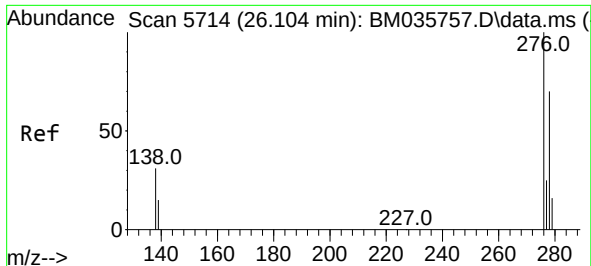
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#26
Benzo(a)pyrene
Concen: 0.315 ng/u1
RT: 23.575 min Scan# 4897
Delta R.T. -0.025 min
Lab File: BM035769.D
Acq: 29 Jun 2022 20:08

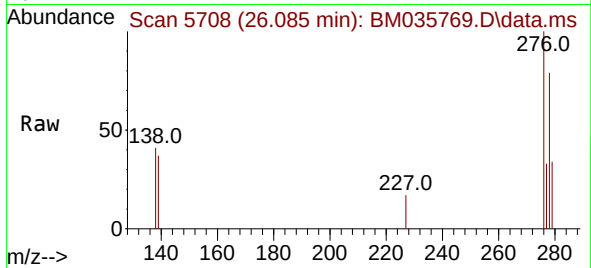
Tgt Ion:252 Resp: 17403
Ion Ratio Lower Upper
252 100
253 51.9 29.7 44.5#
125 40.0 23.6 35.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.337 ng/ul
 RT: 26.085 min Scan# 5714
 Delta R.T. -0.022 min
 Lab File: BM035769.D
 Acq: 29 Jun 2022 20:08

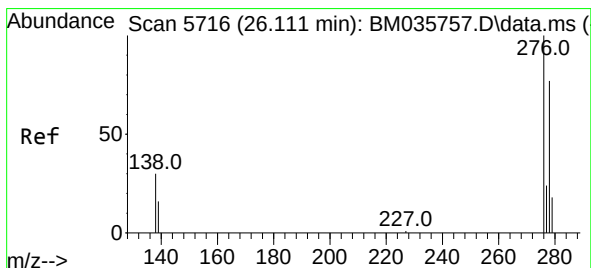
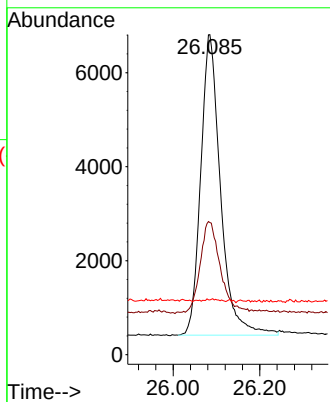
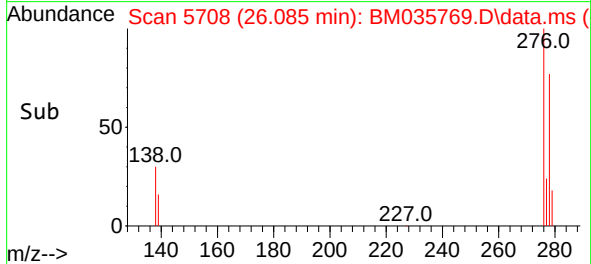
Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSD



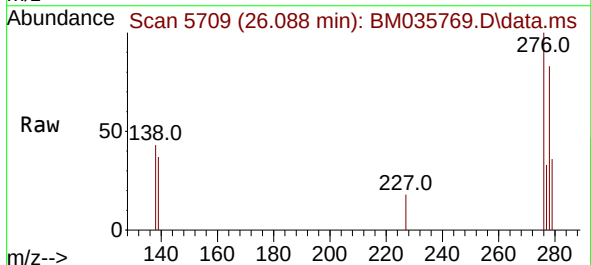
Tgt Ion: 276 Resp: 20294
 Ion Ratio Lower Upper
 276 100
 138 30.6 23.9 35.9
 227 0.1 0.1 0.1

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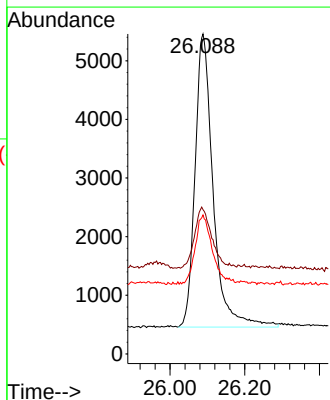
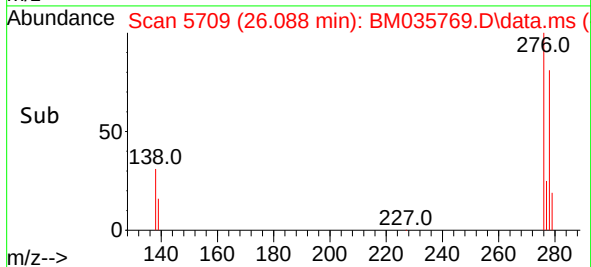
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

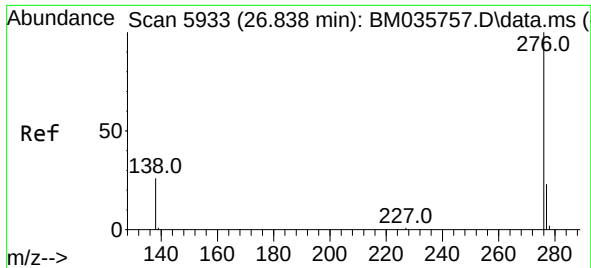


#28
 Dibenzo(a,h)anthracene
 Concen: 0.352 ng/ul
 RT: 26.088 min Scan# 5709
 Delta R.T. -0.036 min
 Lab File: BM035769.D
 Acq: 29 Jun 2022 20:08



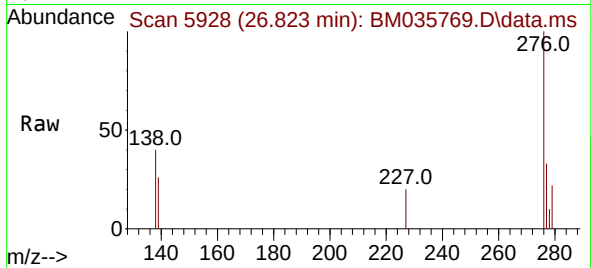
Tgt Ion: 278 Resp: 16792
 Ion Ratio Lower Upper
 278 100
 139 45.1 19.8 29.6#
 279 43.4 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.326 ng/ul
 RT: 26.823 min Scan# 5928
 Delta R.T. -0.022 min
 Lab File: BM035769.D
 Acq: 29 Jun 2022 20:08

Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSD



Tgt Ion:276 Resp: 18110
 Ion Ratio Lower Upper
 276 100
 138 40.4 23.4 35.0
 277 33.0 21.0 31.4

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

