

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035032.D
 Acq On : 13 May 2022 17:50
 Operator : CG/JU
 Sample : N2603-22MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 23:12:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	3924	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	12421	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	7871	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	16795	0.400	ng/ul #	0.00
17) Chrysene-d12	21.472	240	13771	0.400	ng/ul #	0.00
23) Perylene-d12	23.858	264	13039	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1218	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	3168	0.160	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	10033	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	2902	0.615	ng/ul#	80
5) Naphthalene	10.770	128	13370	0.326	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	6153	0.228	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	5370	0.214	ng/ul	100
10) Acenaphthylene	14.270	152	7833	0.168	ng/ul#	93
11) Acenaphthene	14.613	153	17091	0.508	ng/ul	97
12) Fluorene	15.598	166	17655	0.449	ng/ul#	97
14) Pentachlorophenol	16.947	266	147	0.023	ng/ul	96
15) Phenanthrene	17.335	178	259915	4.063	ng/ul	93
16) Anthracene	17.424	178	63971	1.098	ng/ul#	91
19) Fluoranthene	19.350	202	411412	5.320	ng/ul	97
20) Pyrene	19.713	202	339341	4.320	ng/ul	99
21) Benzo(a)anthracene	21.455	228	165141	2.591	ng/ul	98
22) Chrysene	21.508	228	151219	2.280	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	170403m	2.492	ng/ul	
25) Benzo(k)fluoranthene	23.176	252	81000m	1.241	ng/ul	
26) Benzo(a)pyrene	23.749	252	120003	1.929	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.325	276	76403	1.241	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.339	278	24631m	0.503	ng/ul	
29) Benzo(g,h,i)perylene	27.076	276	57519	1.086	ng/ul	92

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

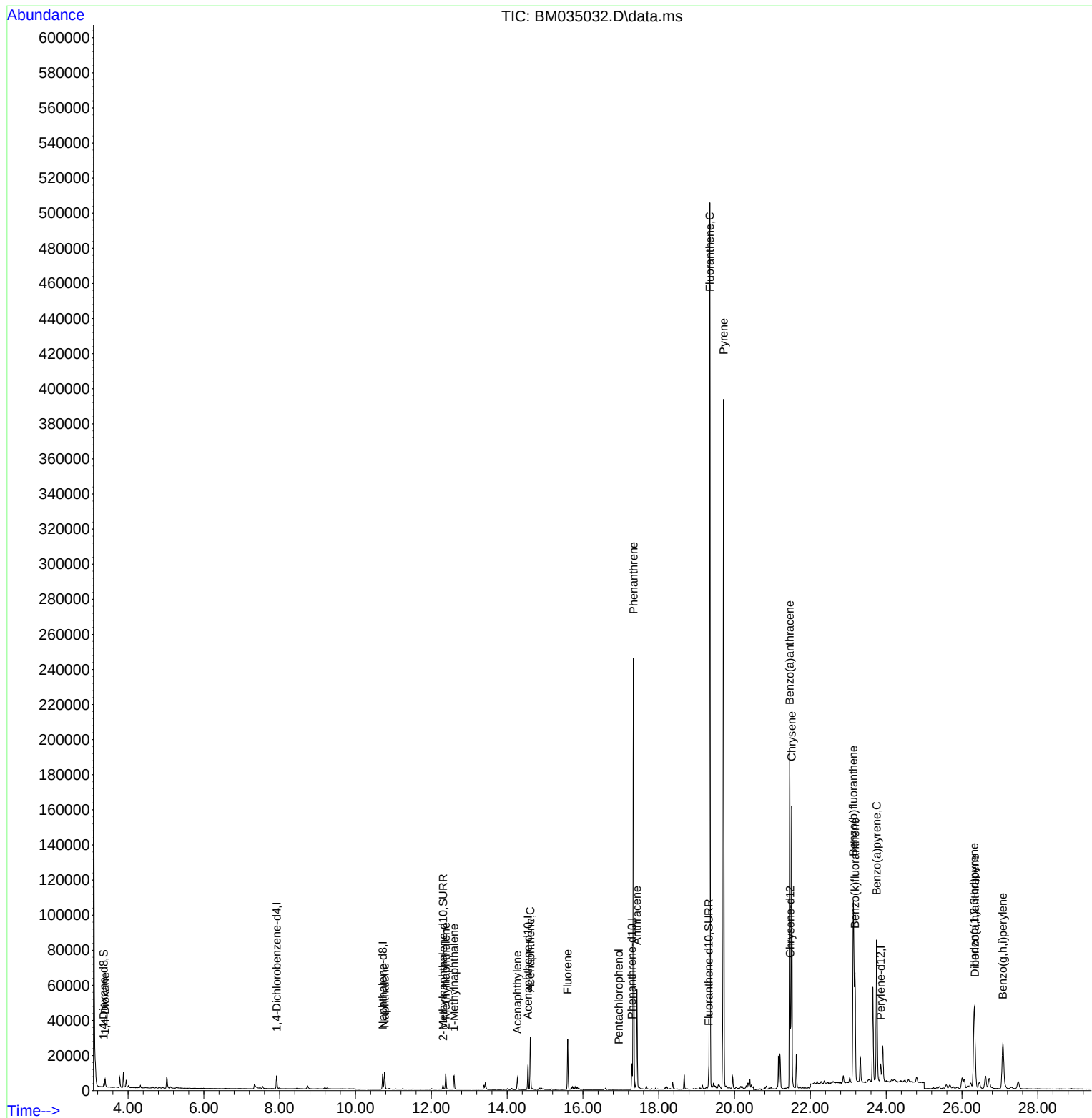
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035032.D
Acq On : 13 May 2022 17:50
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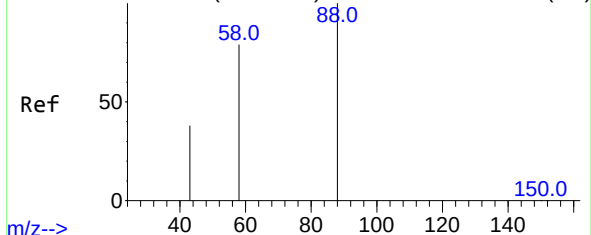
Quant Time: May 13 23:12:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

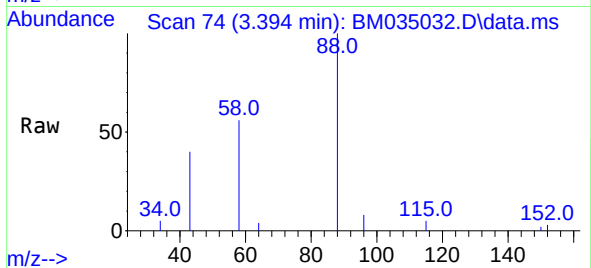


Abundance Scan 74 (3.394 min): BM035028.D\data.ms (-69)



#2
1,4-Dioxane
Concen: 0.615 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

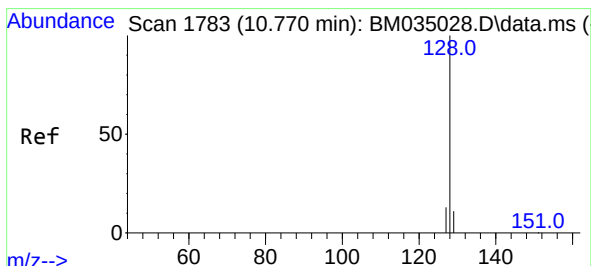
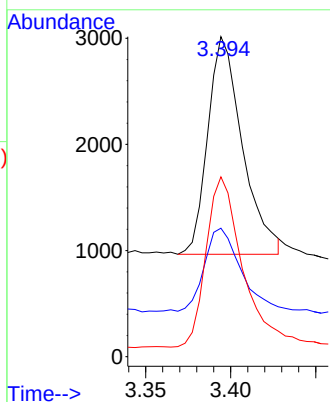
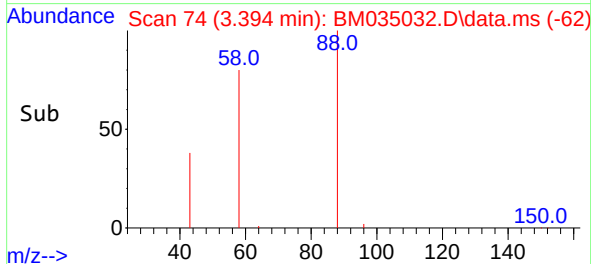
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



Tgt Ion: 88 Resp: 2902
Ion Ratio Lower Upper
88 100
43 40.2 49.7 74.5#
58 56.2 52.5 78.7#

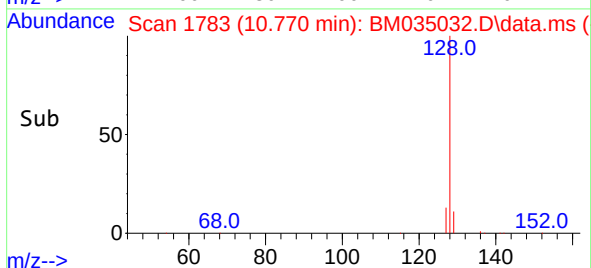
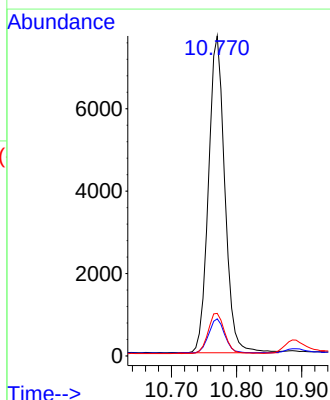
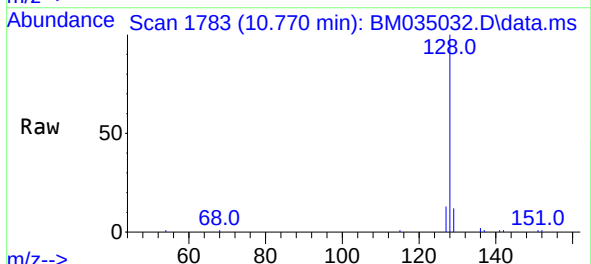
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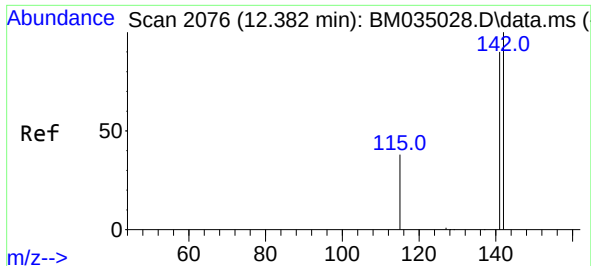
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

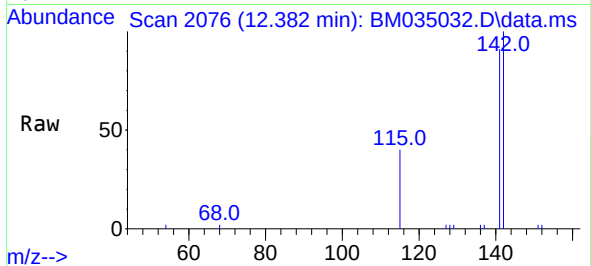
Tgt Ion:128 Resp: 13370
Ion Ratio Lower Upper
128 100
129 11.6 13.4 20.2#
127 13.3 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

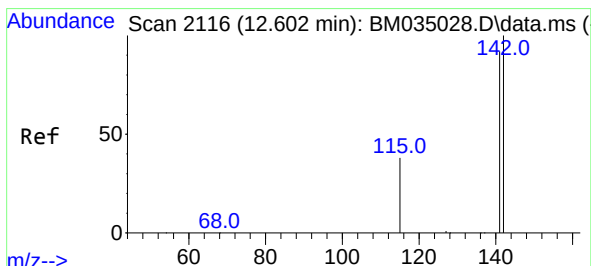
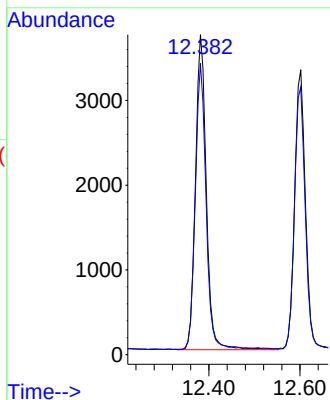
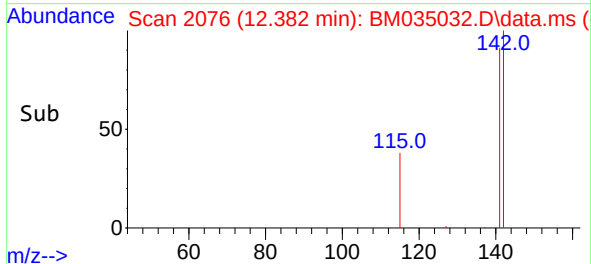
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



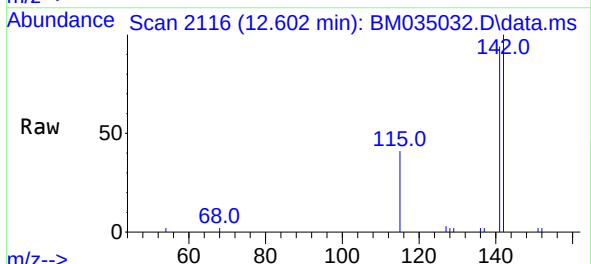
Tgt Ion:142 Resp: 615
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6

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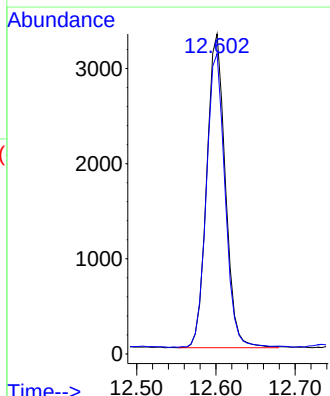
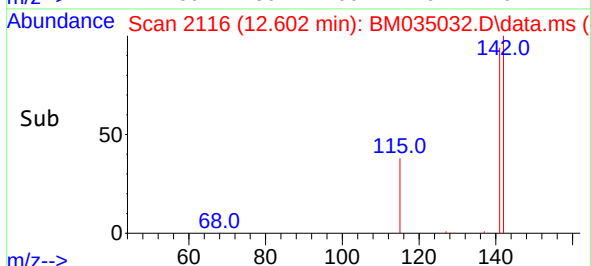
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

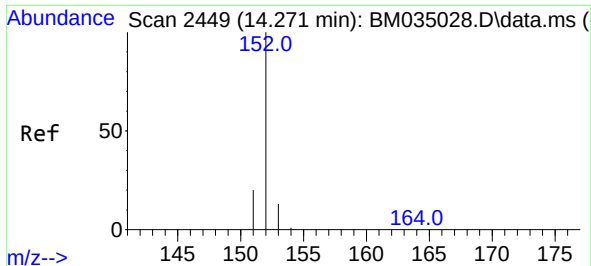


#8
1-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50



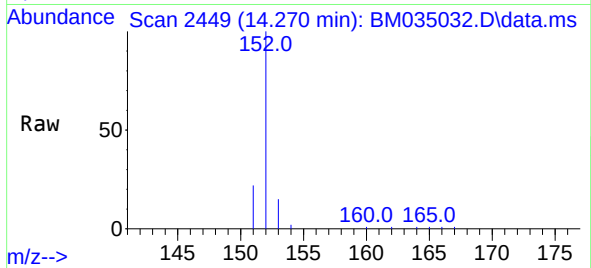
Tgt Ion:142 Resp: 5370
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4





#10
Acenaphthylene
Concen: 0.168 ng/u1
RT: 14.270 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

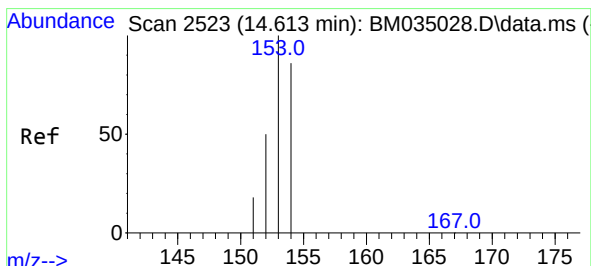
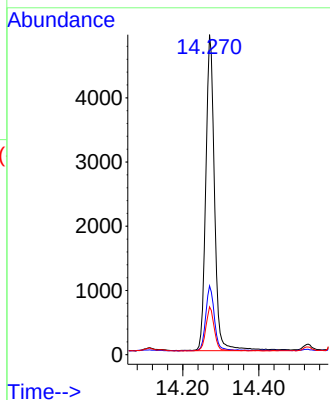
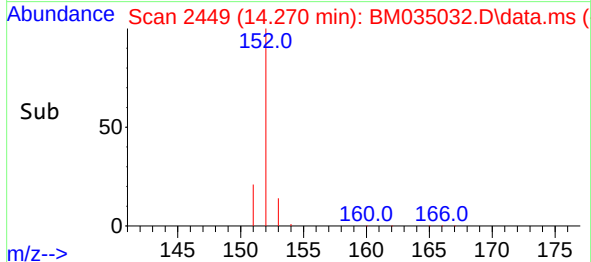
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



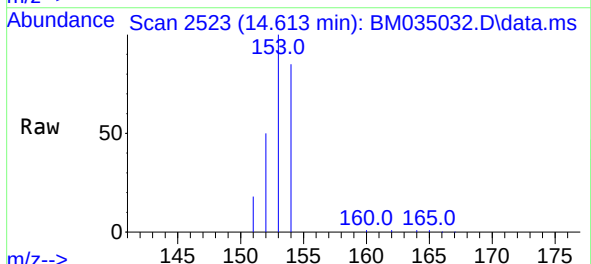
Tgt Ion:152 Resp: 783
Ion Ratio Lower Upper
152 100
151 21.5 19.9 29.9
153 15.0 15.0 22.4

Manual Integrations
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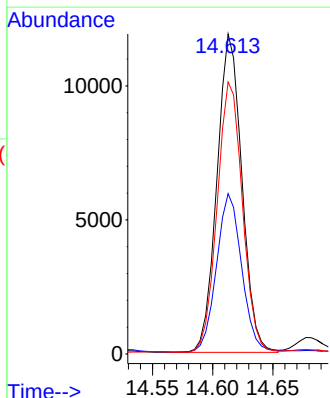
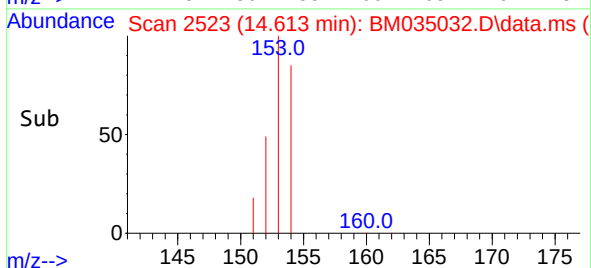
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

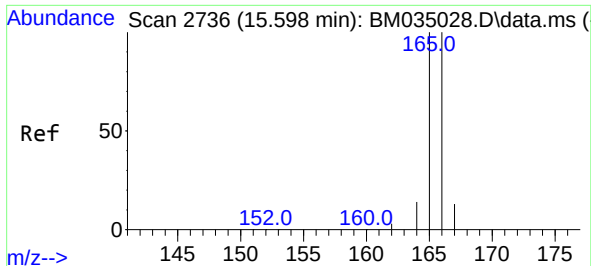


#11
Acenaphthene
Concen: 0.508 ng/u1
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50



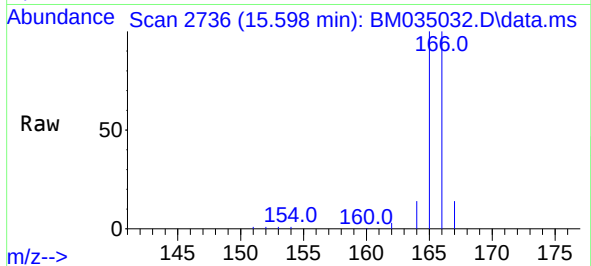
Tgt Ion:153 Resp: 17091
Ion Ratio Lower Upper
153 100
152 50.1 42.4 63.6
154 85.0 66.2 99.2





#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

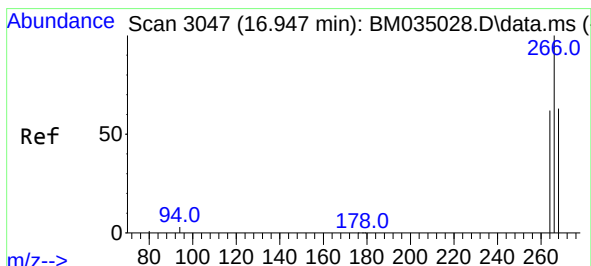
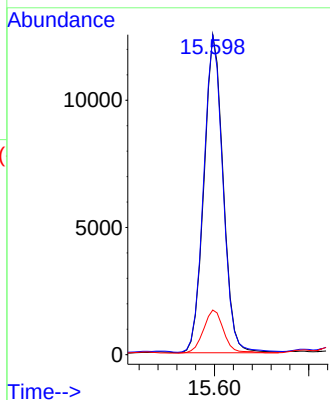
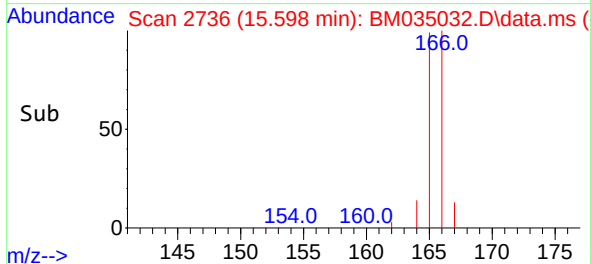
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



Tgt Ion:166 Resp: 1765
Ion Ratio Lower Upper
166 100
165 99.7 81.1 121.7
167 14.0 14.9 22.3

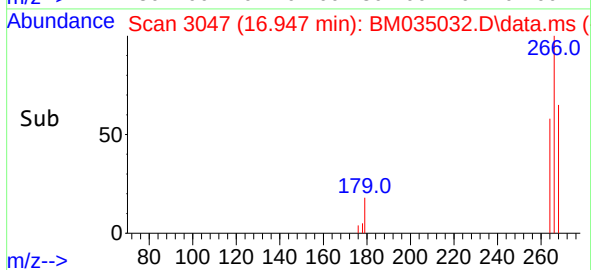
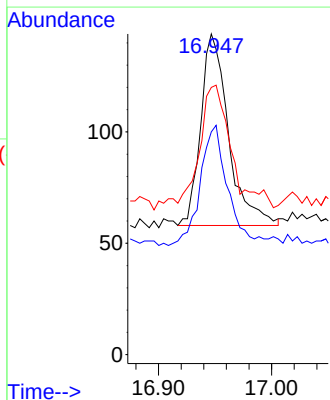
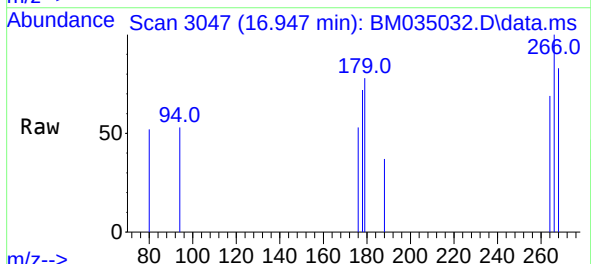
Manual Integrations
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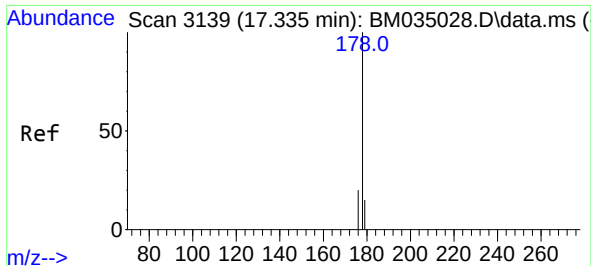
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

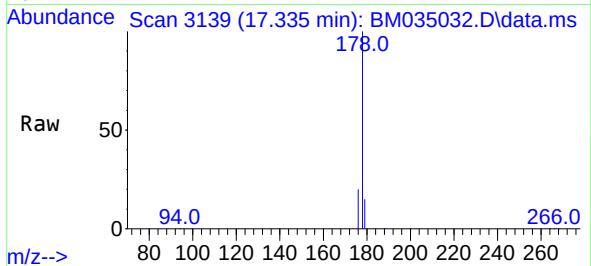
Tgt Ion:266 Resp: 147
Ion Ratio Lower Upper
266 100
264 63.9 51.4 77.0
268 72.8 53.1 79.7





#15
Phenanthrene
Concen: 4.063 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

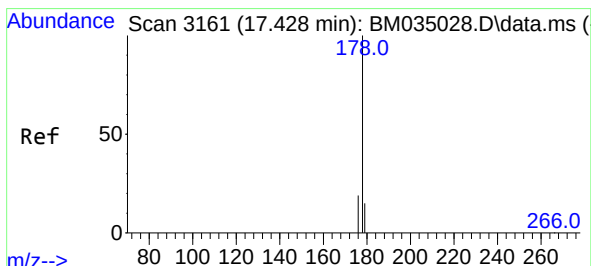
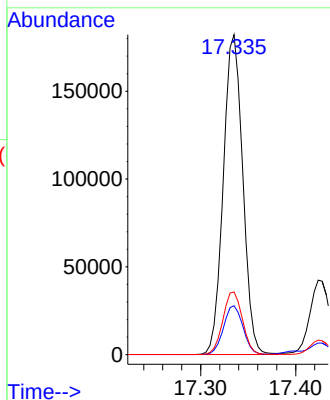
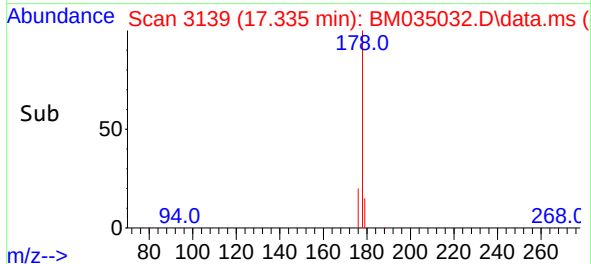
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



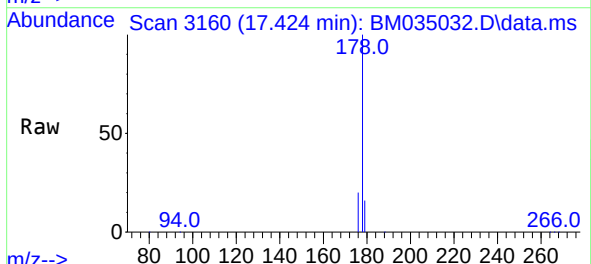
Tgt Ion:178 Resp: 259915
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.6 17.9 26.9

Manual Integrations
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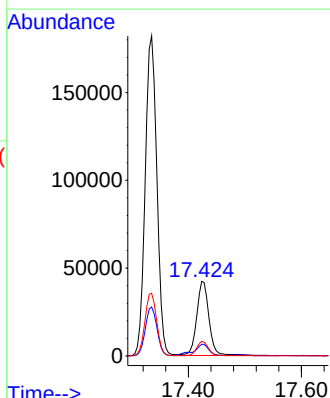
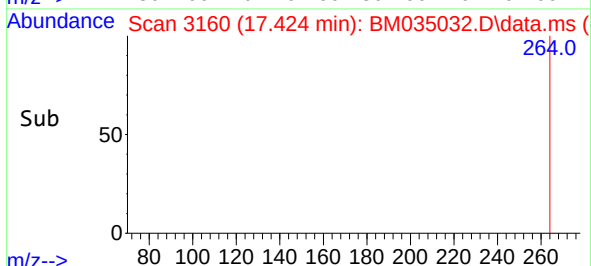
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

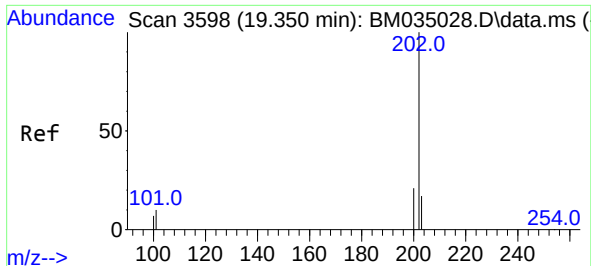


#16
Anthracene
Concen: 1.098 ng/u1
RT: 17.424 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50



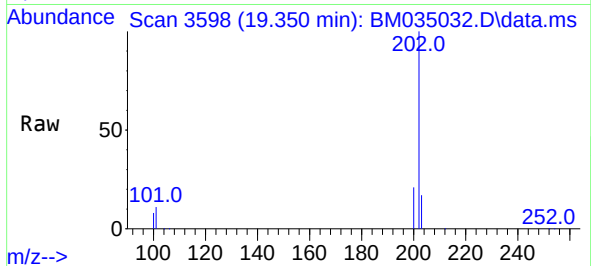
Tgt Ion:178 Resp: 63971
Ion Ratio Lower Upper
178 100
179 15.6 16.5 24.7#
176 19.5 18.3 27.5





#19
Fluoranthene
Concen: 5.320 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

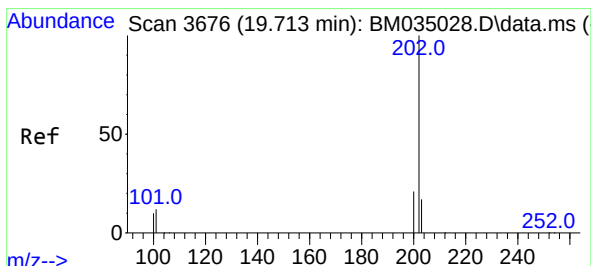
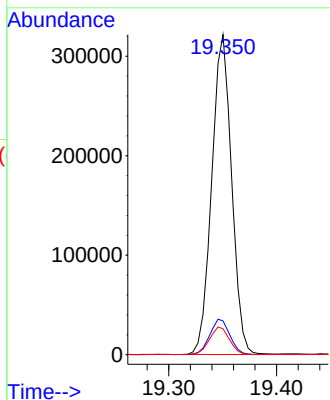
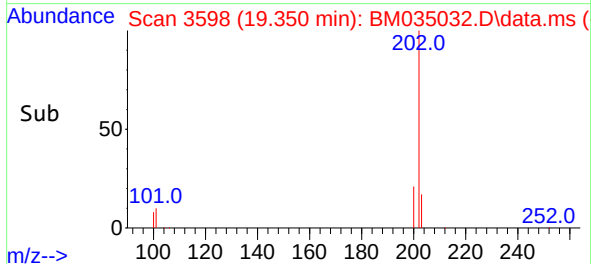
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



Tgt Ion:202 Resp: 41141
Ion Ratio Lower Upper
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101 10.5 9.2 13.8
100 8.1 7.2 10.8

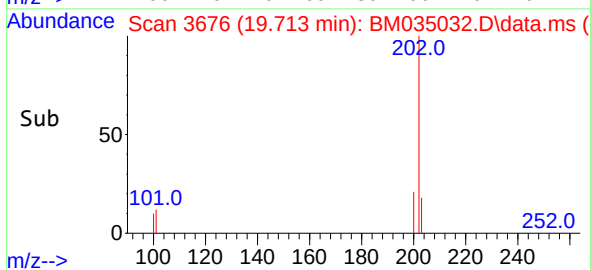
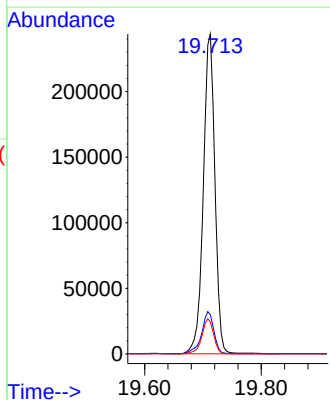
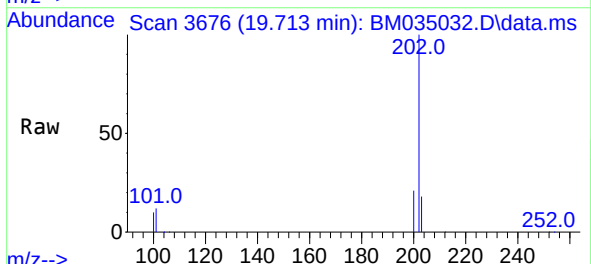
Manual Integrations
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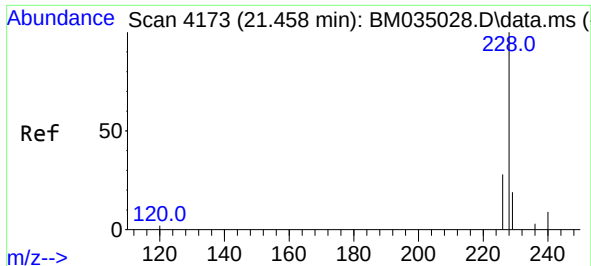
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 4.320 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

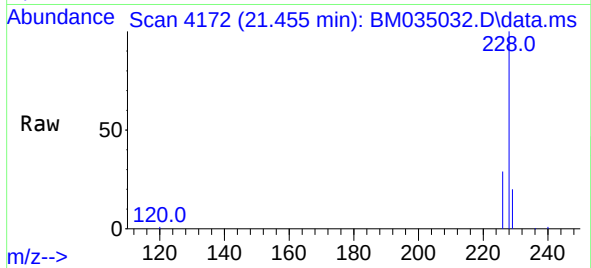
Tgt Ion:202 Resp: 339341
Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.591 ng/u1
RT: 21.455 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

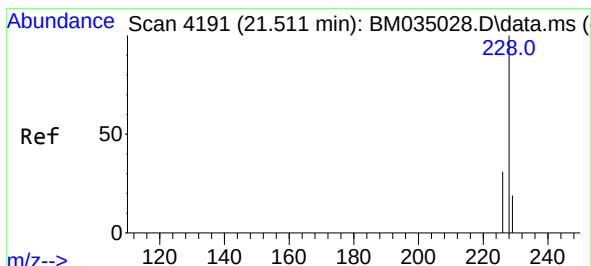
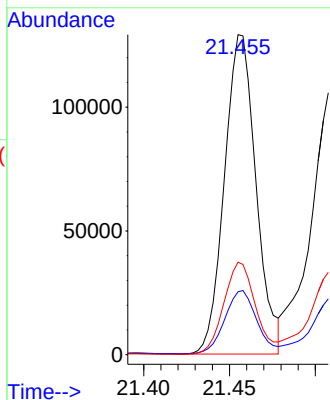
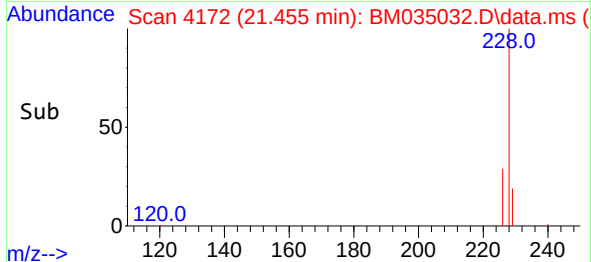
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



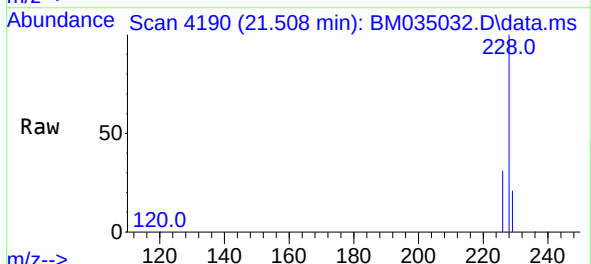
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Ion Ratio Lower Upper
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226 28.9 23.2 34.8

Manual Integrations
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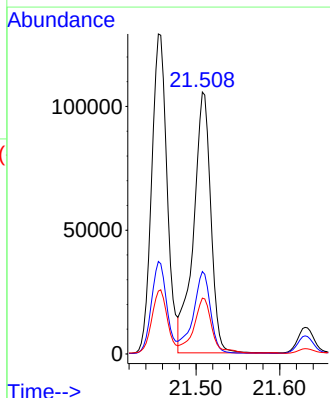
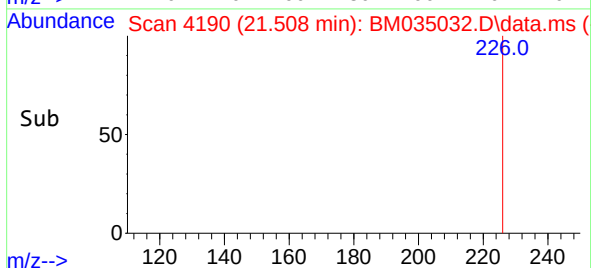
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

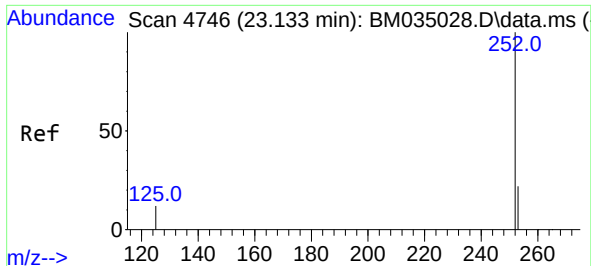


#22
Chrysene
Concen: 2.280 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50



Tgt Ion:228 Resp: 151219
Ion Ratio Lower Upper
228 100
226 31.5 25.8 38.8
229 21.4 16.7 25.1





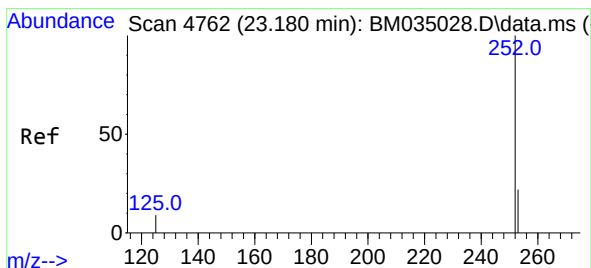
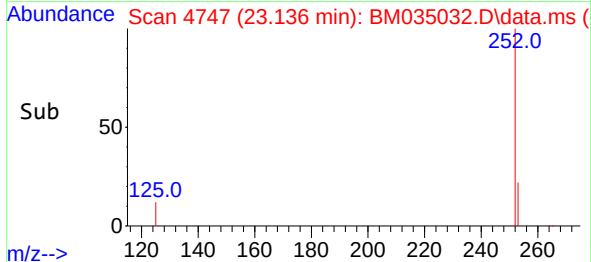
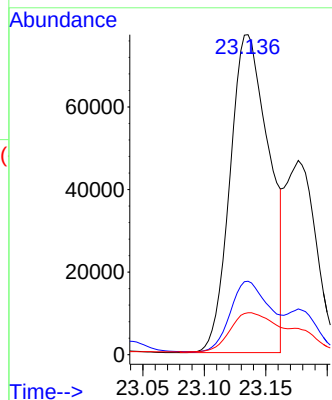
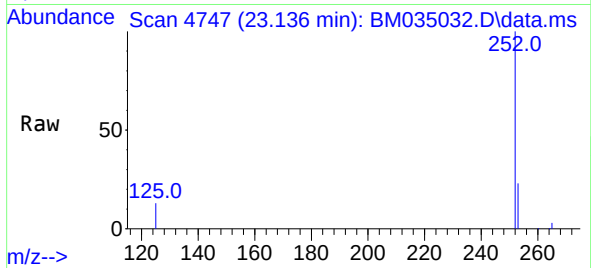
#24
Benzo(b)fluoranthene
Concen: 2.492 ng/ul m
RT: 23.136 min Scan# 4746
Delta R.T. 0.002 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

Instrument :
BNA_M
ClientSampleId :
EW4A1MSD

Tgt Ion:252 Resp: 17040
Ion Ratio Lower Upper
252 100
253 23.0 0.0 64.2
125 13.1 0.0 28.8

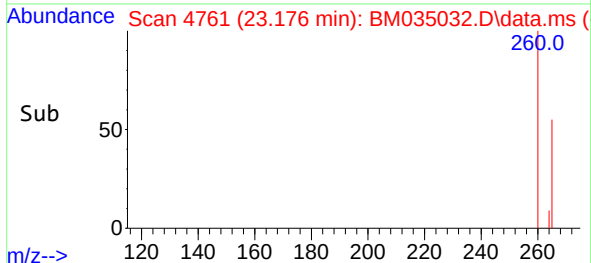
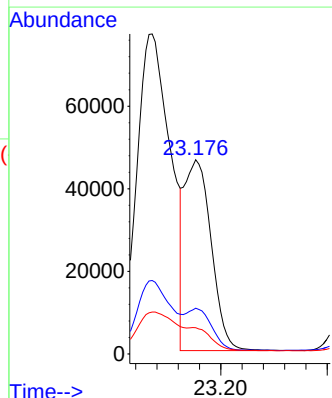
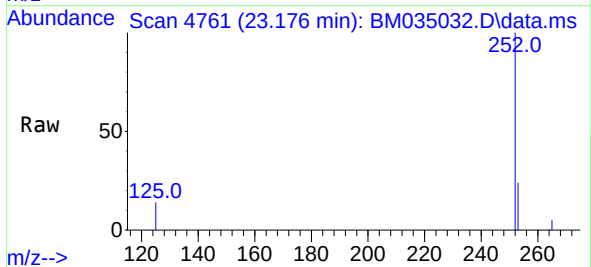
Manual Integrations
APPROVED

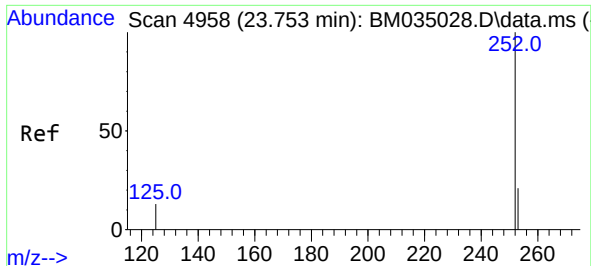
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#25
Benzo(k)fluoranthene
Concen: 1.241 ng/ul m
RT: 23.176 min Scan# 4761
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

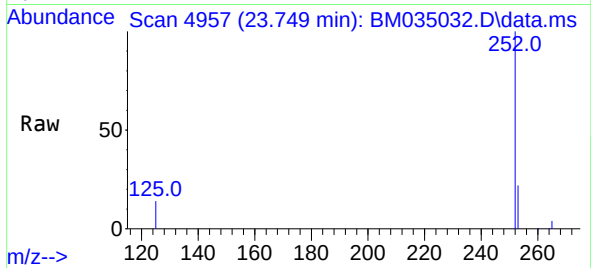
Tgt Ion:252 Resp: 81000
Ion Ratio Lower Upper
252 100
253 23.5 26.8 40.2#
125 13.6 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.929 ng/ul
RT: 23.749 min Scan# 4958
Delta R.T. -0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

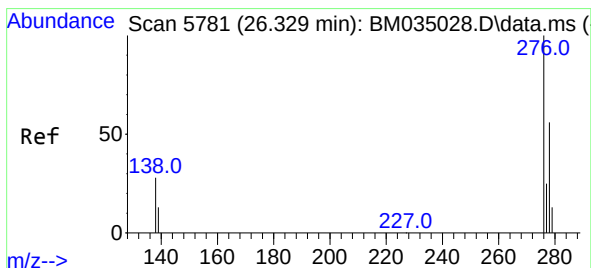
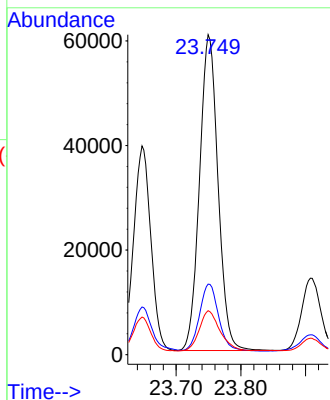
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



Tgt Ion:252 Resp: 12000
Ion Ratio Lower Upper
252 100
253 22.0 32.0 48.0#
125 13.7 14.5 21.7#

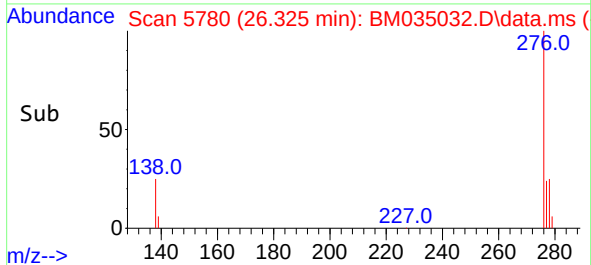
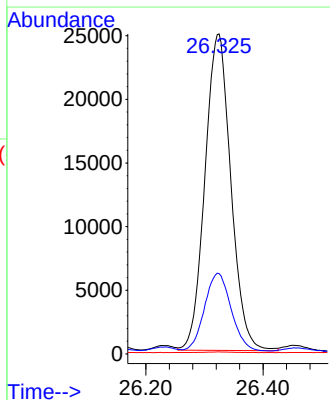
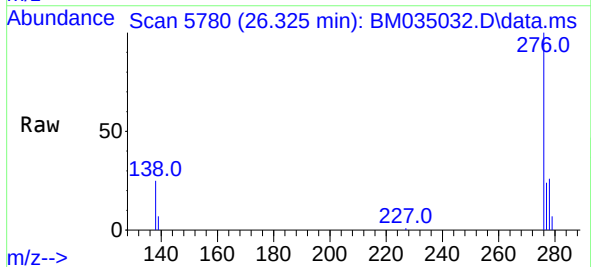
Manual Integrations
APPROVED

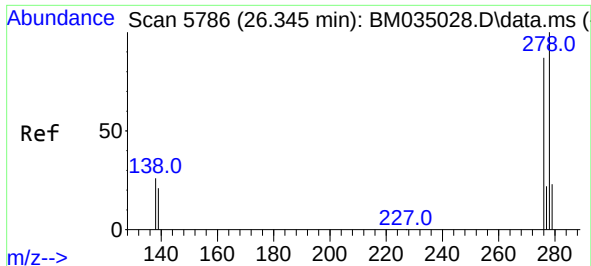
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.241 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

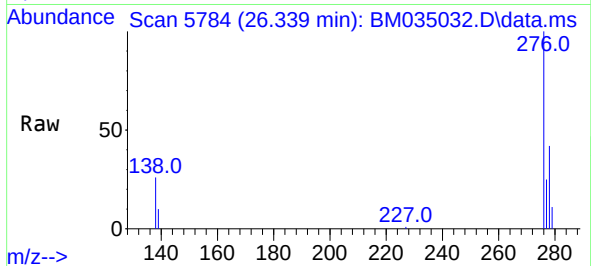
Tgt Ion:276 Resp: 76403
Ion Ratio Lower Upper
276 100
138 25.2 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.503 ng/ul m
RT: 26.339 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50

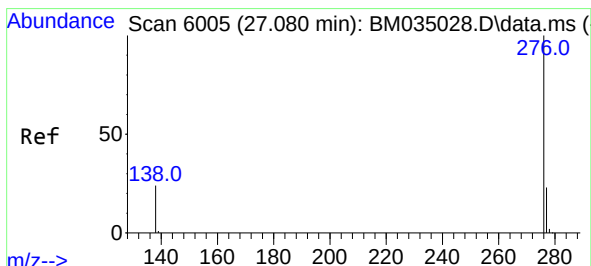
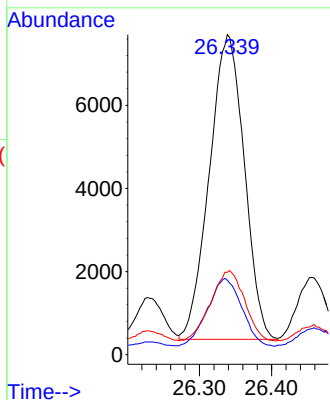
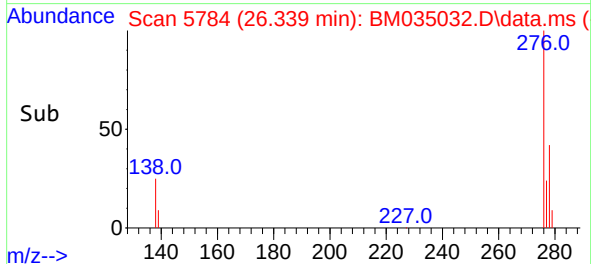
Instrument :
BNA_M
ClientSampleId :
EW4A1MSD



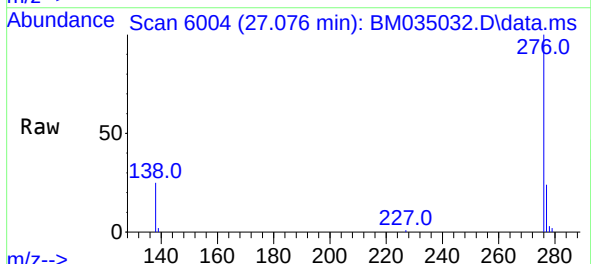
Tgt Ion:278 Resp: 2463
Ion Ratio Lower Upper
278 100
139 23.3 18.0 27.0
279 25.7 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#29
Benzo(g,h,i)perylene
Concen: 1.086 ng/ul
RT: 27.076 min Scan# 6004
Delta R.T. -0.004 min
Lab File: BM035032.D
Acq: 13 May 2022 17:50



Tgt Ion:276 Resp: 57519
Ion Ratio Lower Upper
276 100
138 25.4 17.4 26.0
277 24.0 22.6 33.8

