

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033791.D
 Acq On : 20 Jan 2022 16:36
 Operator : CG/JU
 Sample : N1129-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBLZ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 01:38:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4083	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	15439	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	8967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	16822	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	9371	0.400	ng/ul	# 0.00
23) Perylene-d12	23.888	264	8239	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	11441	2.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	4579	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	8096	0.279	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.815	128	3470	0.078	ng/ul	95
7) 2-Methylnaphthalene	12.425	142	2586	0.090	ng/ul	99
8) 1-Methylnaphthalene	12.641	142	1890	0.067	ng/ul	98
10) Acenaphthylene	14.310	152	6352	0.153	ng/ul	93
11) Acenaphthene	14.652	153	1464	0.044	ng/ul	96
12) Fluorene	15.630	166	1845	0.047	ng/ul	96
14) Pentachlorophenol	16.973	266	289	0.044	ng/ul	91
15) Phenanthrene	17.365	178	44093	0.809	ng/ul	93
16) Anthracene	17.455	178	11714	0.234	ng/ul	92
19) Fluoranthene	19.372	202	135588	3.085	ng/ul	99
20) Pyrene	19.735	202	115697	2.602	ng/ul	98
21) Benzo(a)anthracene	21.468	228	57008	1.465	ng/ul	99
22) Chrysene	21.521	228	57700	1.450	ng/ul	98
24) Benzo(b)fluoranthene	23.156	252	76293m	2.114	ng/ul	
25) Benzo(k)fluoranthene	23.199	252	30729m	0.868	ng/ul	
26) Benzo(a)pyrene	23.781	252	50041	1.595	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.393	276	41565	1.018	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.402	278	10246	0.316	ng/ul#	82
29) Benzo(g,h,i)perylene	27.168	276	37641	1.072	ng/ul	94

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

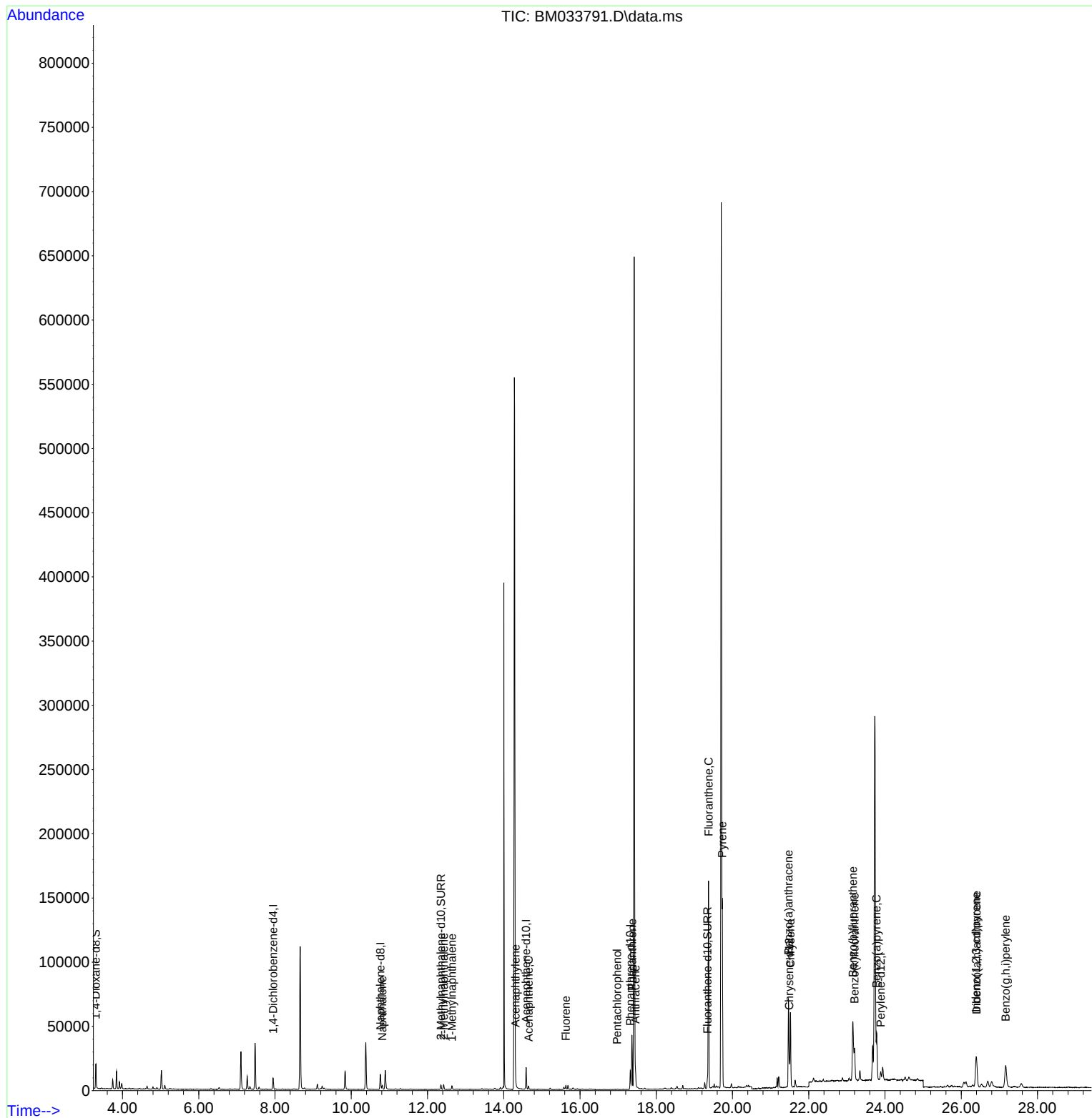
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033791.D
Acq On : 20 Jan 2022 16:36
Operator : CG/JU
Sample : N1129-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

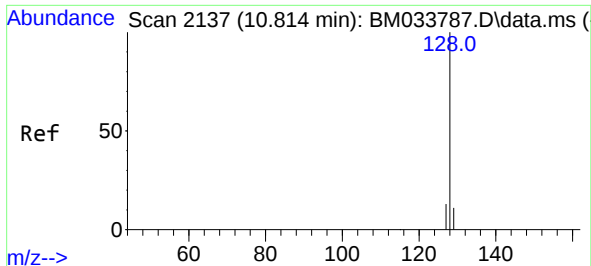
Instrument :
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Supervised By :mohammad ahmed 01/27/2022

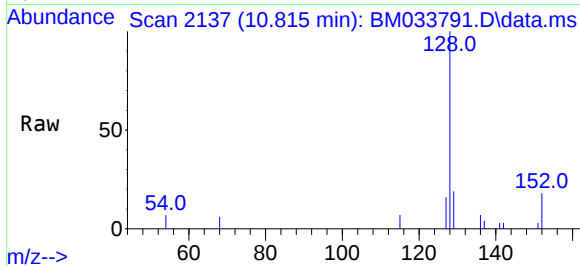
Quant Time: Jan 21 01:38:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.815 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

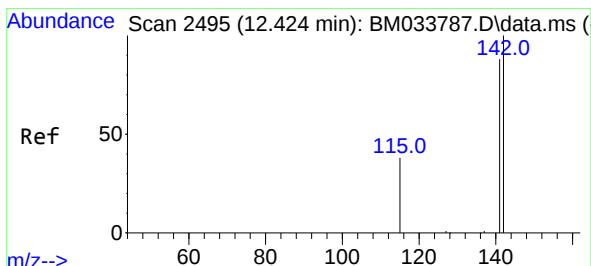
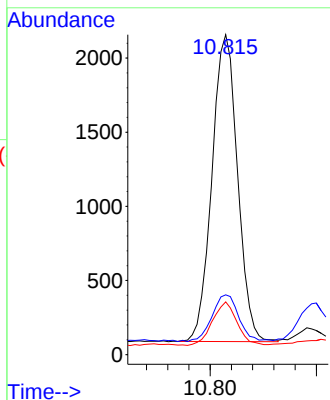
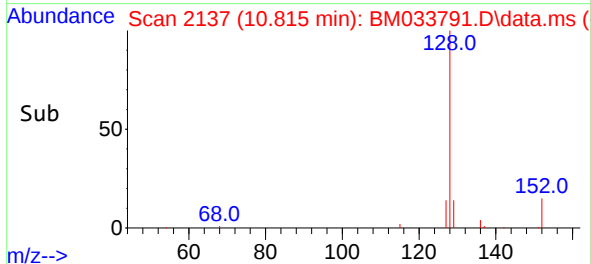
Instrument :
BNA_M
ClientSampleId :
DBLZ7



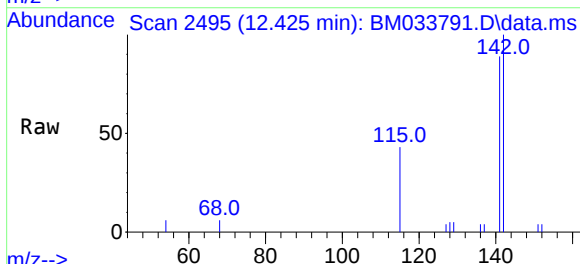
Tgt Ion:128 Resp: 3470
Ion Ratio Lower Upper
128 100
129 18.7 13.4 20.2
127 16.5 15.2 22.8

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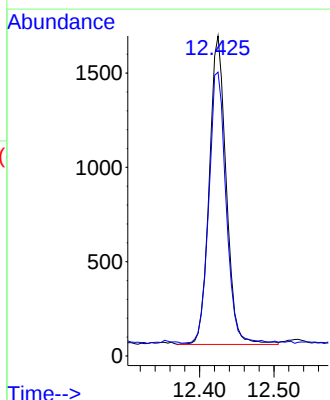
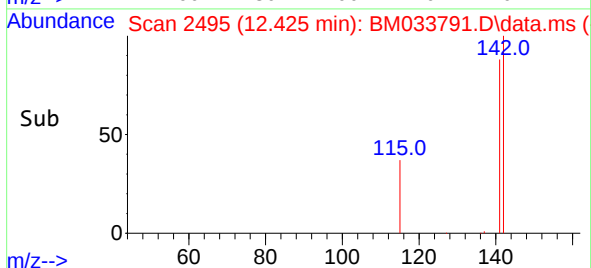
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

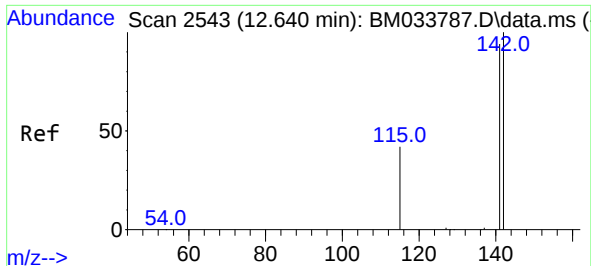


#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.425 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36



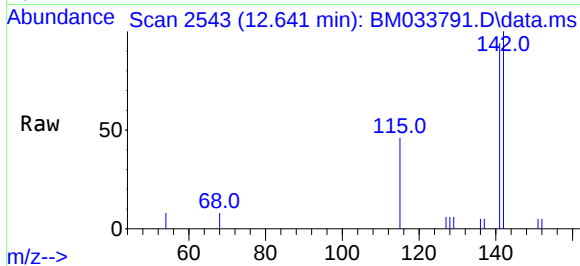
Tgt Ion:142 Resp: 2586
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

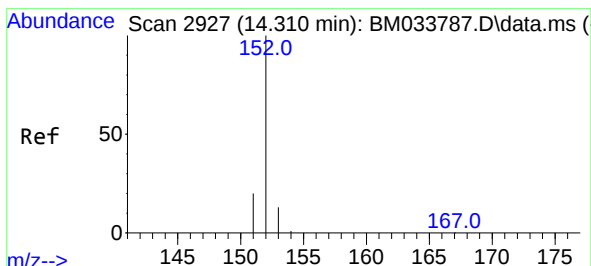
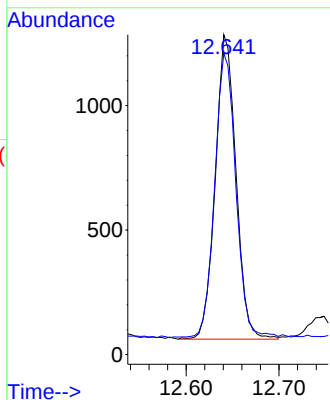
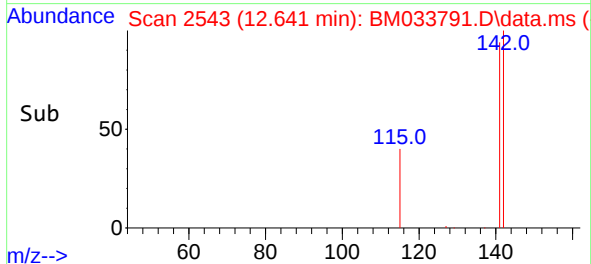
Instrument :
BNA_M
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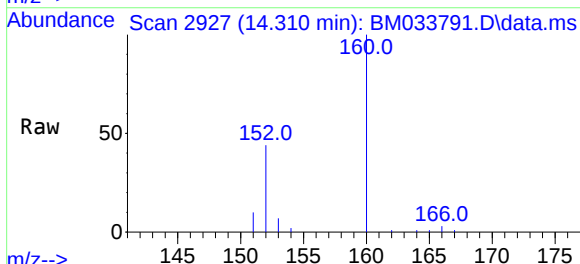
Tgt Ion:142 Resp: 1890
Ion Ratio Lower Upper
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141 95.9 75.0 112.4

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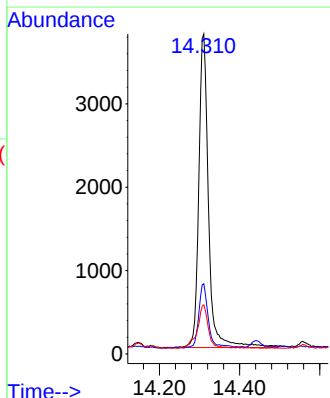
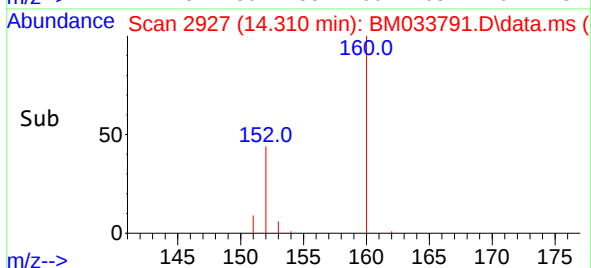
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

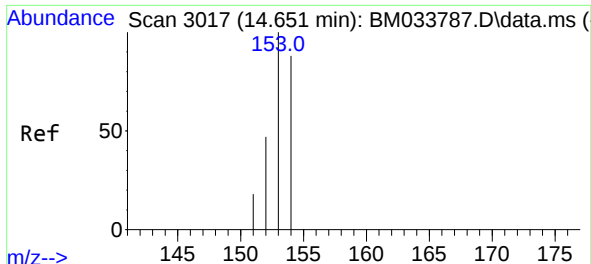


#10
Acenaphthylene
Concen: 0.153 ng/ul
RT: 14.310 min Scan# 2927
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36



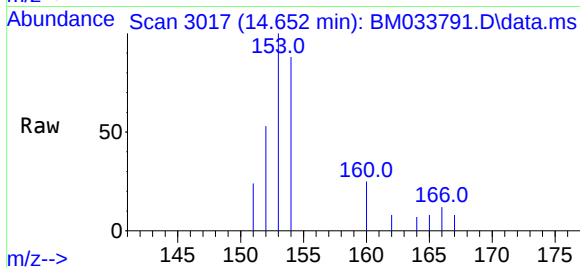
Tgt Ion:152 Resp: 6352
Ion Ratio Lower Upper
152 100
151 21.9 19.9 29.9
153 15.3 15.0 22.4





#11
Acenaphthene
Concen: 0.044 ng/u1
RT: 14.652 min Scan# 3017
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

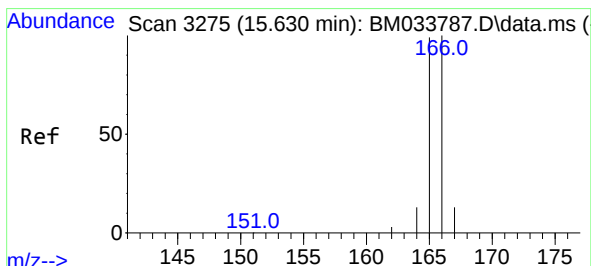
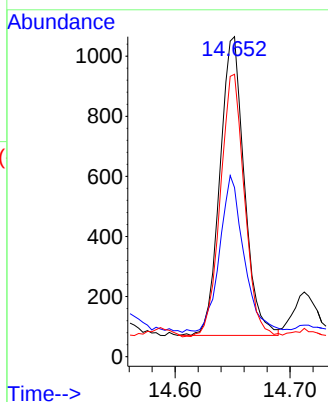
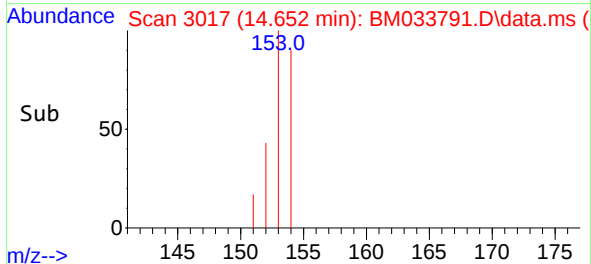
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 1464
Ion Ratio Lower Upper
153 100
152 52.9 42.4 63.6
154 88.3 66.2 99.2

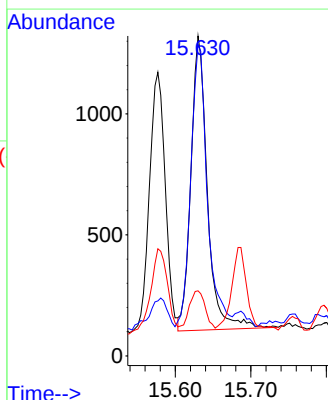
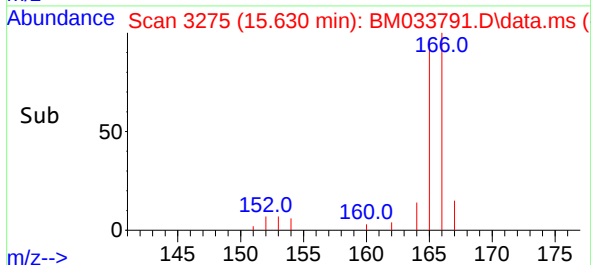
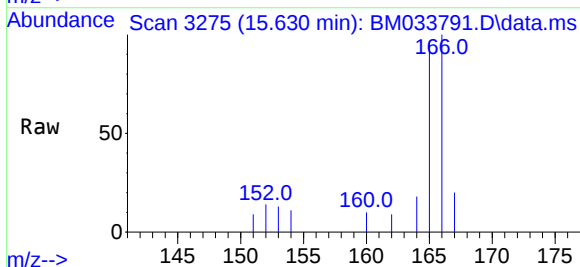
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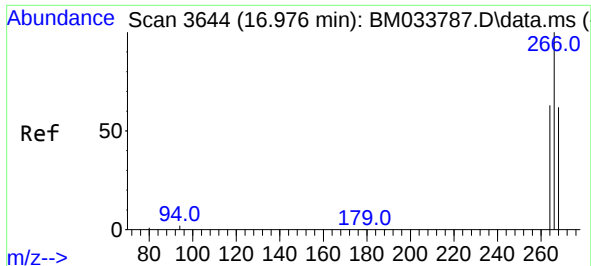
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#12
Fluorene
Concen: 0.047 ng/u1
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

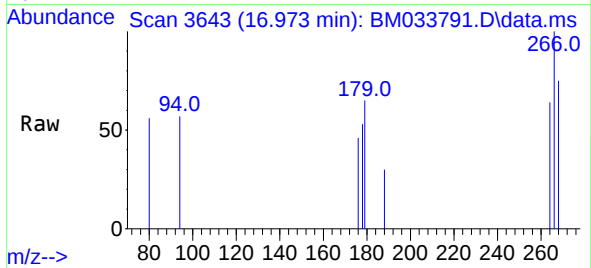
Tgt Ion:166 Resp: 1845
Ion Ratio Lower Upper
166 100
165 97.4 81.1 121.7
167 20.3 14.9 22.3





#14
Pentachlorophenol
Concen: 0.044 ng/u1
RT: 16.973 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

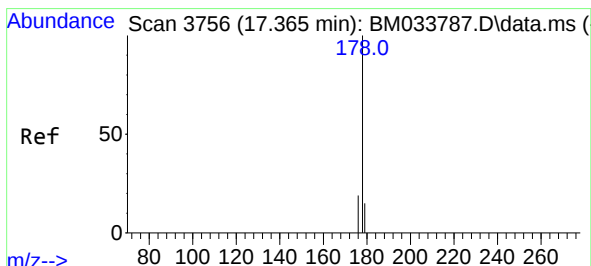
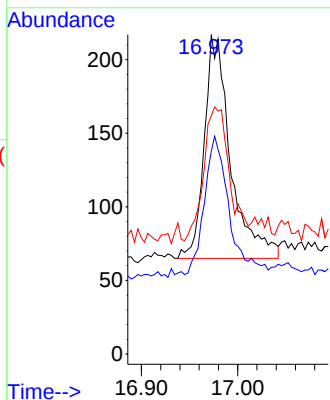
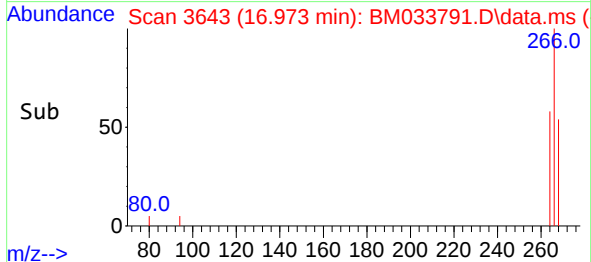
Instrument :
BNA_M
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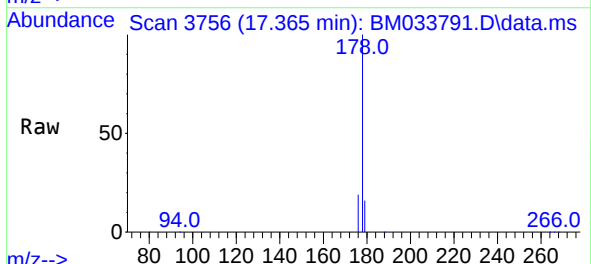
Tgt Ion:266 Resp: 289
Ion Ratio Lower Upper
266 100
264 57.8 51.4 77.0
268 59.2 53.1 79.7

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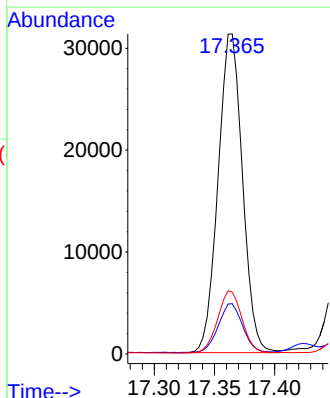
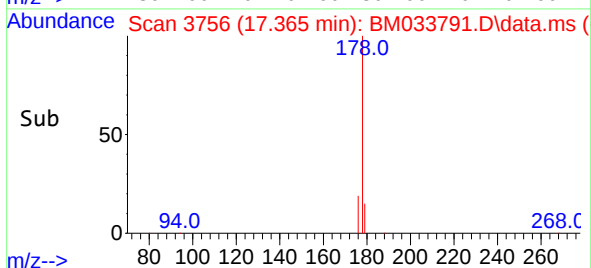
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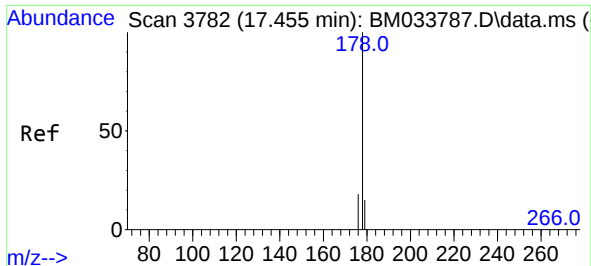


#15
Phenanthrene
Concen: 0.809 ng/u1
RT: 17.365 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36



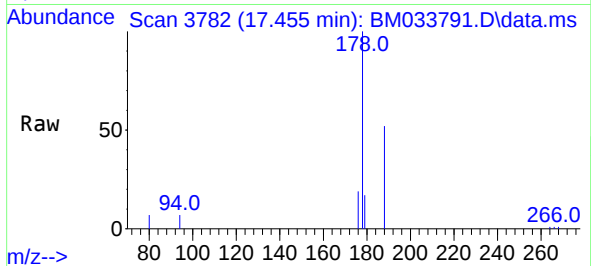
Tgt Ion:178 Resp: 44093
Ion Ratio Lower Upper
178 100
179 15.7 15.0 22.6
176 19.4 17.9 26.9





#16
 Anthracene
 Concen: 0.234 ng/ul
 RT: 17.455 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM033791.D
 Acq: 20 Jan 2022 16:36

Instrument :
 BNA_M
 ClientSampleId :
 DBLZ7

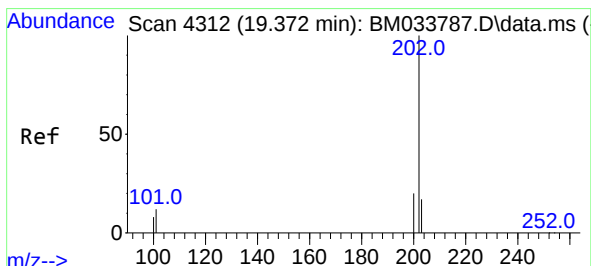
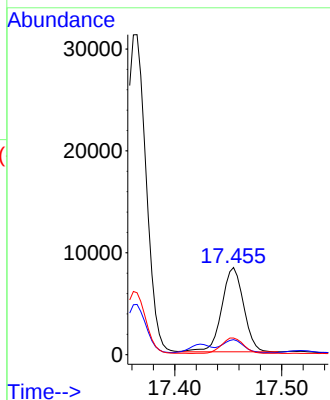
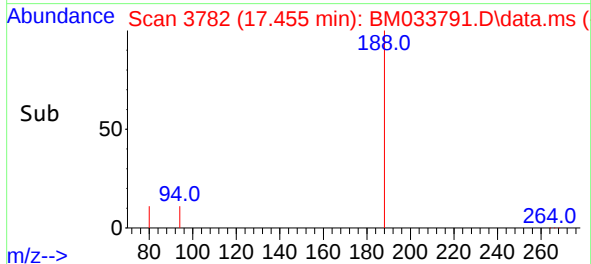


Tgt Ion:178 Resp: 11714

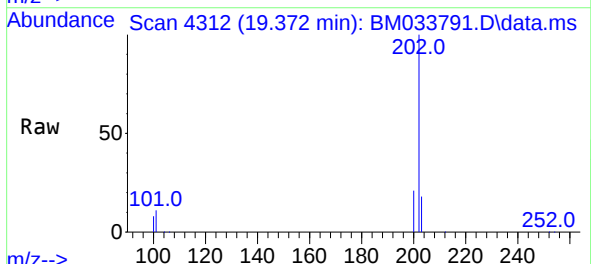
Ion	Ratio	Lower	Upper
178	100		
179	17.3	16.5	24.7
176	19.0	18.3	27.5

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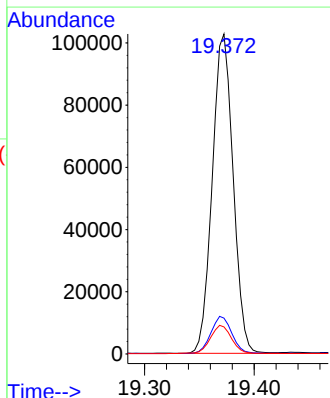
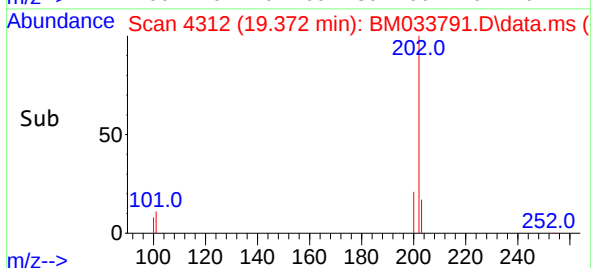


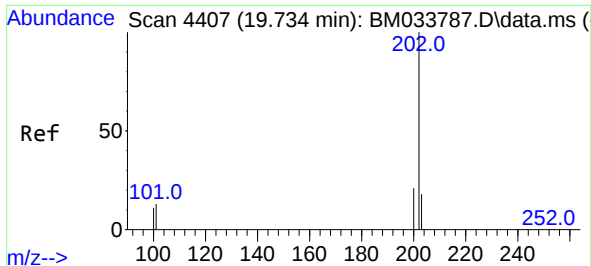
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 Fluoranthene
 Concen: 3.085 ng/ul
 RT: 19.372 min Scan# 4312
 Delta R.T. 0.001 min
 Lab File: BM033791.D
 Acq: 20 Jan 2022 16:36



Tgt Ion:202 Resp: 135588

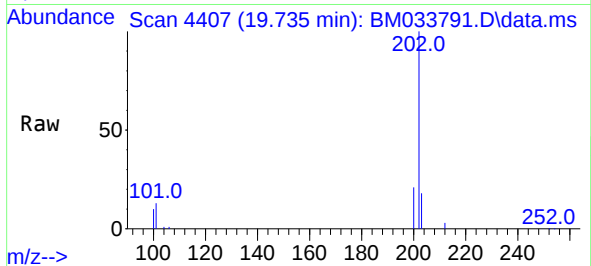
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
100	8.5	7.2	10.8





#20
Pyrene
Concen: 2.602 ng/u1
RT: 19.735 min Scan# 4407
Delta R.T. 0.001 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

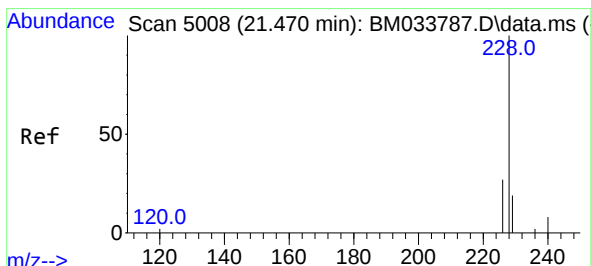
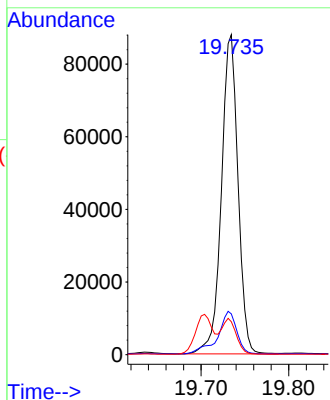
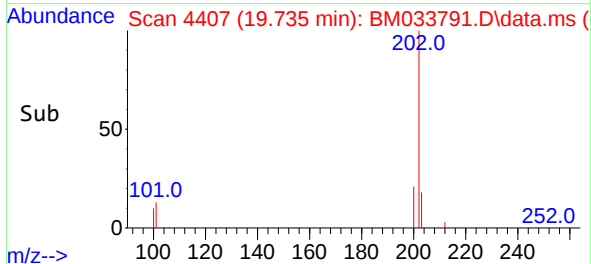
Instrument :
BNA_M
ClientSampleId :
DBLZ7



Tgt Ion:202 Resp: 115697
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 10.3 7.8 11.6

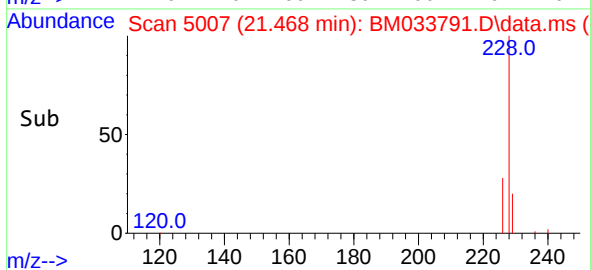
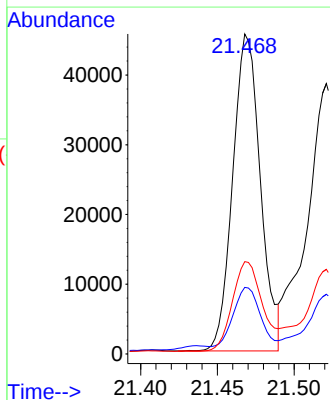
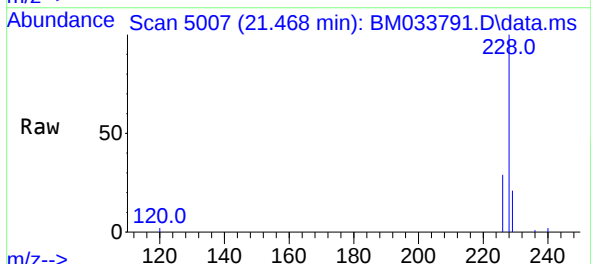
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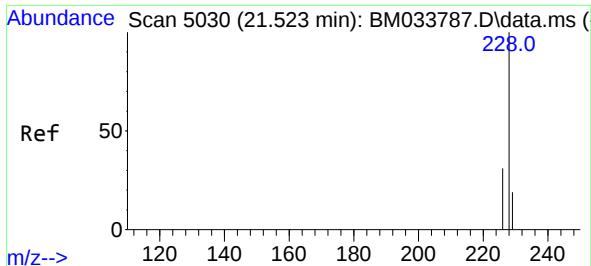
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#21
Benzo(a)anthracene
Concen: 1.465 ng/u1
RT: 21.468 min Scan# 5007
Delta R.T. -0.002 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

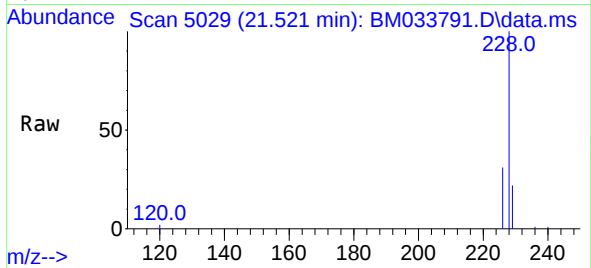
Tgt Ion:228 Resp: 57008
Ion Ratio Lower Upper
228 100
229 20.8 17.3 25.9
226 28.9 23.2 34.8





#22
Chrysene
Concen: 1.450 ng/ul
RT: 21.521 min Scan# 5030
Delta R.T. -0.002 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

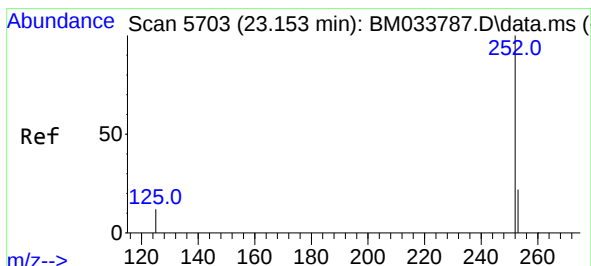
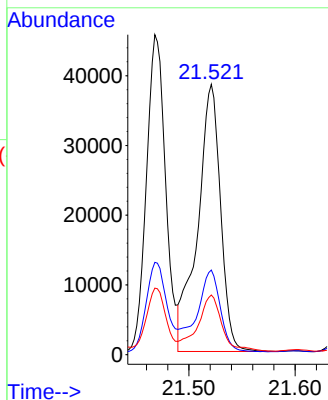
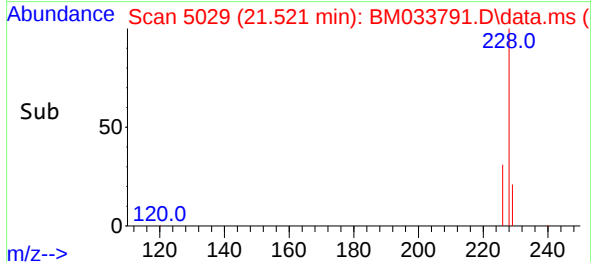
Instrument :
BNA_M
ClientSampleId :
DBLZ7



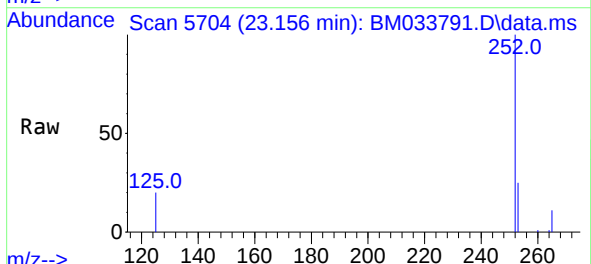
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Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 22.1 16.7 25.1

Manual Integrations
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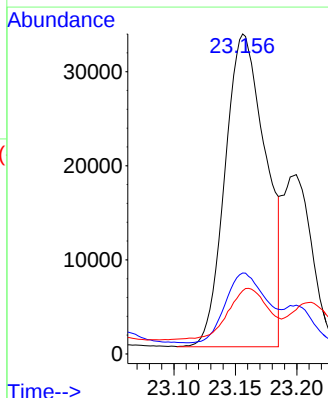
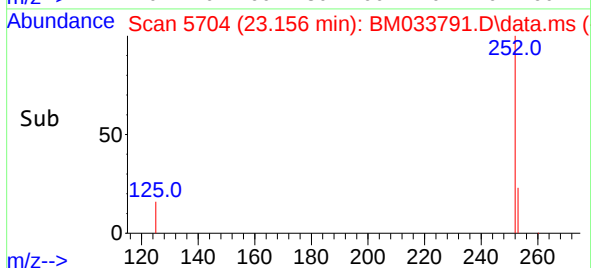
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

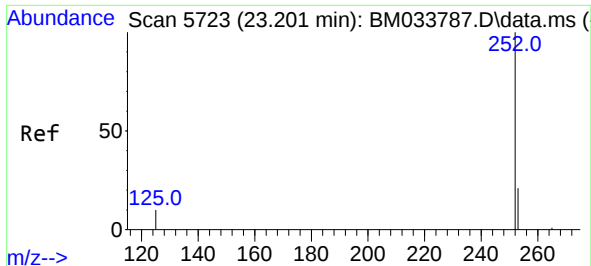


#24
Benzo(b)fluoranthene
Concen: 2.114 ng/ul m
RT: 23.156 min Scan# 5704
Delta R.T. 0.003 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36



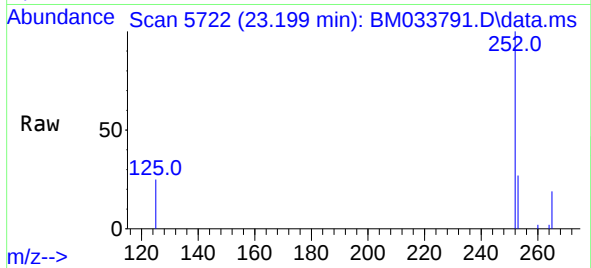
Tgt Ion:252 Resp: 76293
Ion Ratio Lower Upper
252 100
253 25.3 0.0 64.2
125 19.8 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.868 ng/ul m
RT: 23.199 min Scan# 5723
Delta R.T. -0.002 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

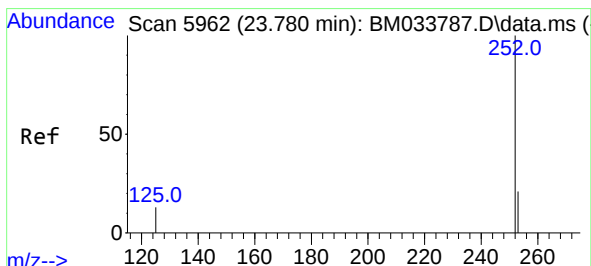
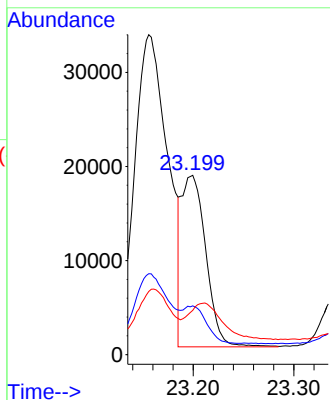
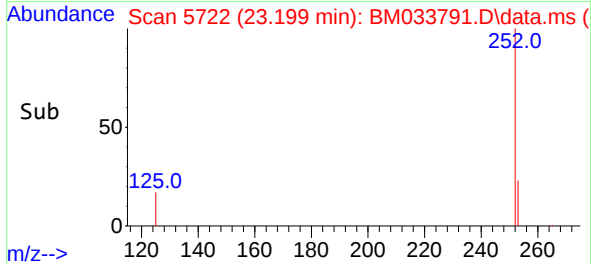
Instrument :
BNA_M
ClientSampleId :
DBLZ7



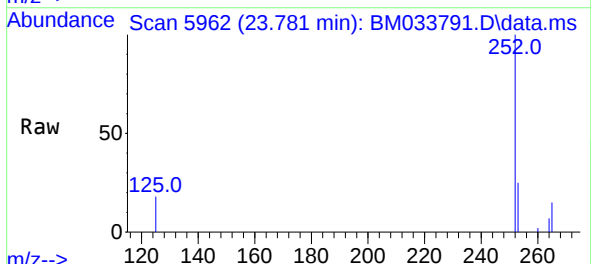
Tgt Ion:252 Resp: 30729
Ion Ratio Lower Upper
252 100
253 27.2 26.8 40.2
125 24.7 12.0 18.0

Manual Integrations
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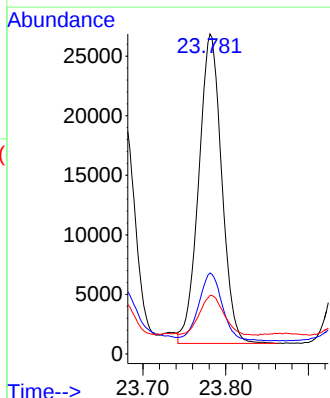
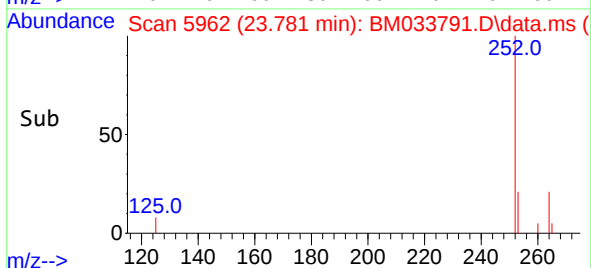
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

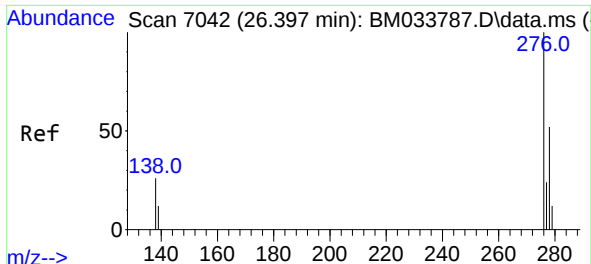


#26
Benzo(a)pyrene
Concen: 1.595 ng/ul
RT: 23.781 min Scan# 5962
Delta R.T. 0.001 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36



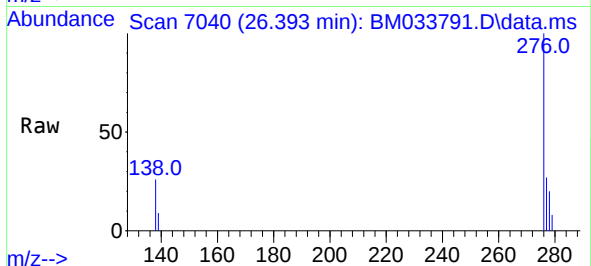
Tgt Ion:252 Resp: 50041
Ion Ratio Lower Upper
252 100
253 25.3 32.0 48.0#
125 18.3 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.018 ng/ul
RT: 26.393 min Scan# 7042
Delta R.T. -0.004 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

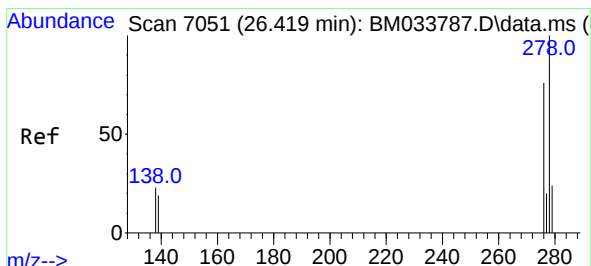
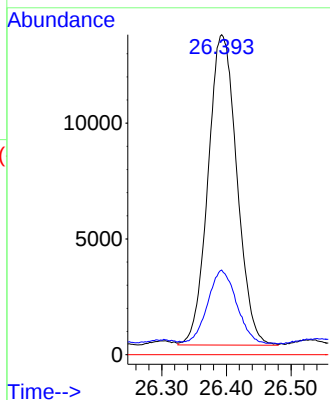
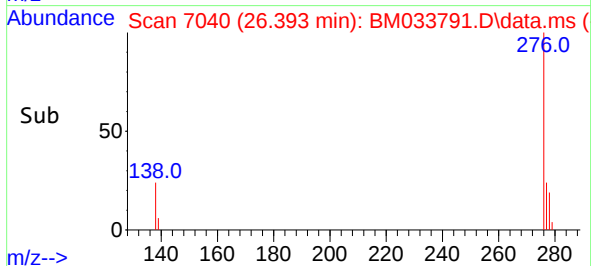
Instrument :
BNA_M
ClientSampleId :
DBLZ7



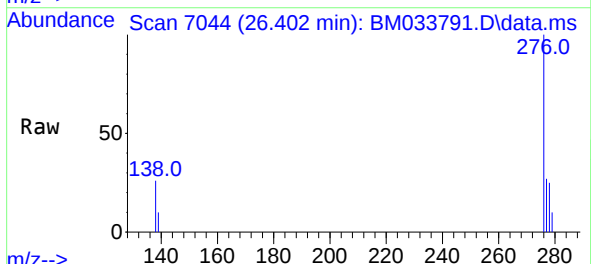
Tgt Ion:276 Resp: 4156
Ion Ratio Lower Upper
276 100
138 23.4 15.8 23.6
227 0.0 0.0 0.0

Manual Integrations
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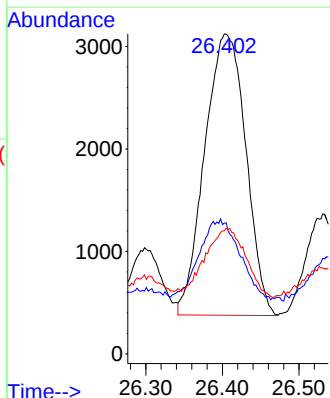
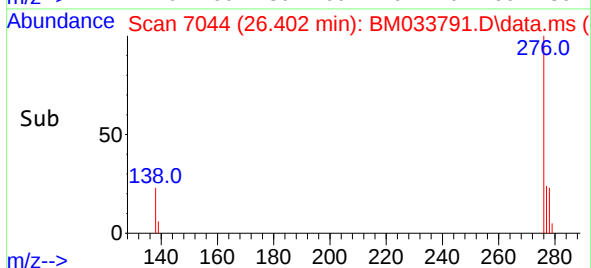
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

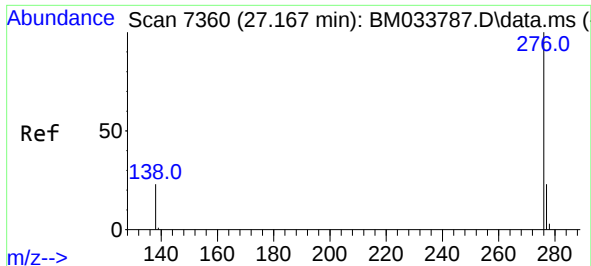


#28
Dibenzo(a,h)anthracene
Concen: 0.316 ng/ul
RT: 26.402 min Scan# 7044
Delta R.T. -0.016 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36



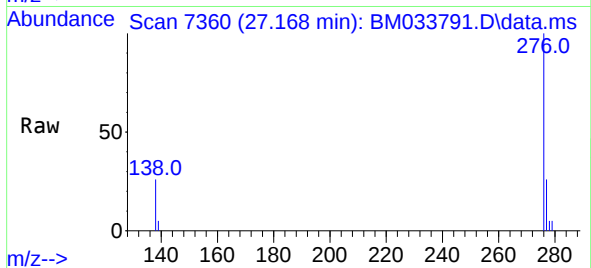
Tgt Ion:278 Resp: 10246
Ion Ratio Lower Upper
278 100
139 40.8 18.0 27.0#
279 38.5 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 1.072 ng/ul
RT: 27.168 min Scan# 71
Delta R.T. 0.001 min
Lab File: BM033791.D
Acq: 20 Jan 2022 16:36

Instrument :
BNA_M
ClientSampleId :
DBLZ7



Tgt Ion:276 Resp: 3764
Ion Ratio Lower Upper
276 100
138 26.0 17.4 26.0
277 25.8 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

