

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033789.D
 Acq On : 20 Jan 2022 15:25
 Operator : CG/JU
 Sample : N1129-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBLZ6

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 10:50:10 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	7.950	152	3516	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	13156	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	7792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	15444	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	11090	0.400	ng/ul	# 0.00
23) Perylene-d12	23.892	264	8647	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	10931	2.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	3867	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	8480	0.247	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.815	128	4396	0.115	ng/ul#	92
7) 2-Methylnaphthalene	12.425	142	2665	0.109	ng/ul	99
8) 1-Methylnaphthalene	12.641	142	1951	0.081	ng/ul	100
10) Acenaphthylene	14.307	152	7474	0.208	ng/ul	93
11) Acenaphthene	14.652	153	970	0.034	ng/ul	95
12) Fluorene	15.630	166	1234	0.036	ng/ul#	95
14) Pentachlorophenol	16.976	266	480	0.079	ng/ul	96
15) Phenanthrene	17.365	178	53947	1.079	ng/ul	94
16) Anthracene	17.455	178	10566	0.230	ng/ul	93
19) Fluoranthene	19.372	202	213118	4.097	ng/ul	100
20) Pyrene	19.735	202	208072	3.954	ng/ul	97
21) Benzo(a)anthracene	21.473	228	118722	2.577	ng/ul	98
22) Chrysene	21.523	228	133358	2.831	ng/ul	97
24) Benzo(b)fluoranthene	23.161	252	204501m	5.399	ng/ul	
25) Benzo(k)fluoranthene	23.202	252	68200m	1.835	ng/ul	
26) Benzo(a)pyrene	23.786	252	141025	4.282	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.398	276	118087	2.754	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.412	278	28973	0.850	ng/ul#	91
29) Benzo(g,h,i)perylene	27.170	276	106529	2.891	ng/ul	94

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

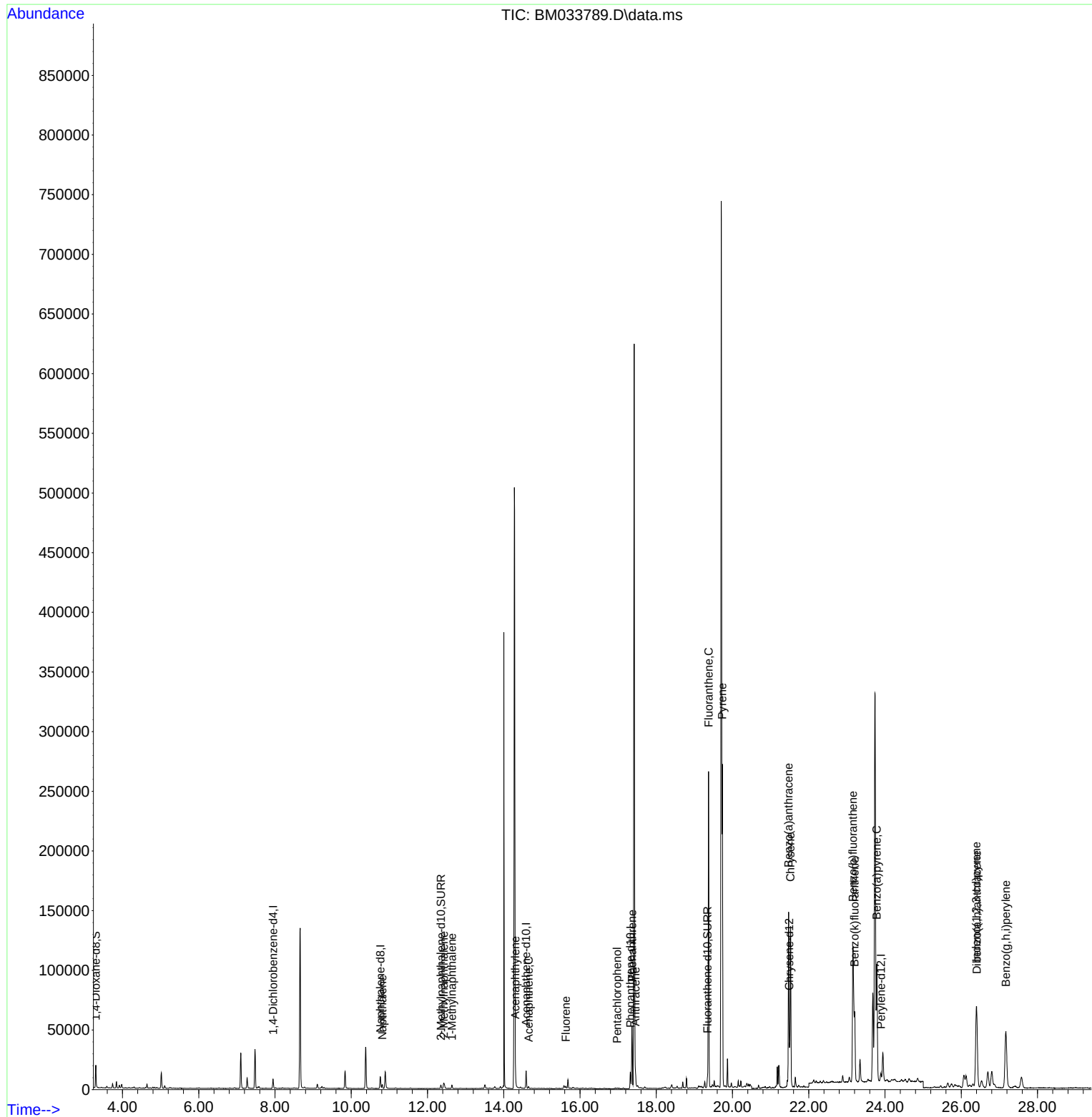
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033789.D
Acq On : 20 Jan 2022 15:25
Operator : CG/JU
Sample : N1129-01
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ALS Vial : 5 Sample Multiplier: 1

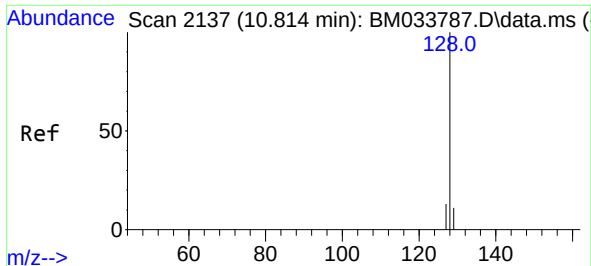
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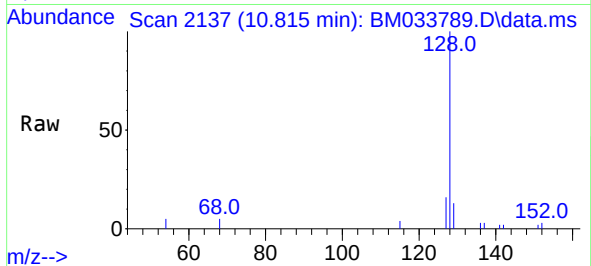
Quant Time: Jan 21 10:50:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.815 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

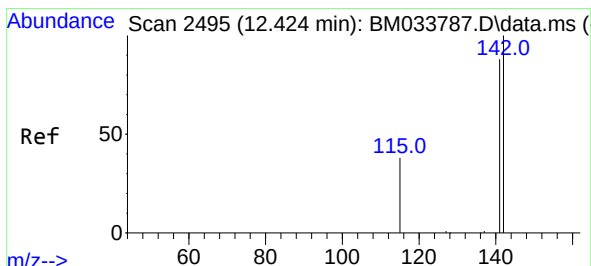
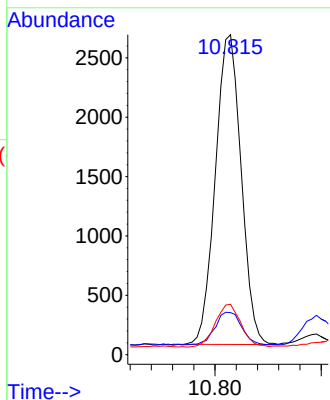
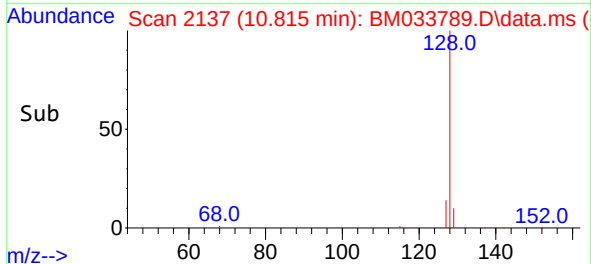
Instrument :
BNA_M
ClientSampleId :
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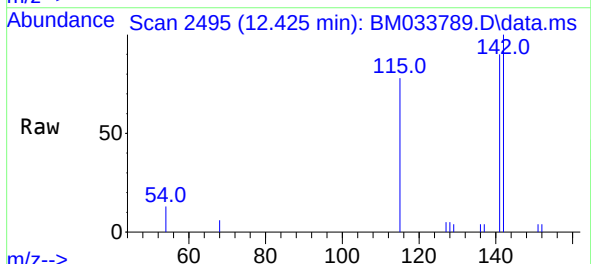
Tgt Ion:128 Resp: 4390
Ion Ratio Lower Upper
128 100
129 13.1 13.4 20.2
127 15.8 15.2 22.8

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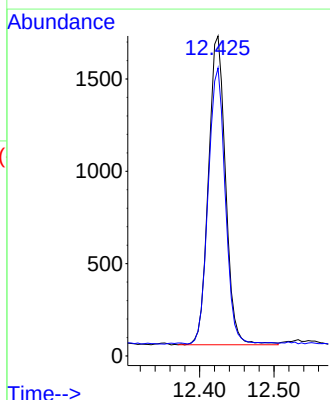
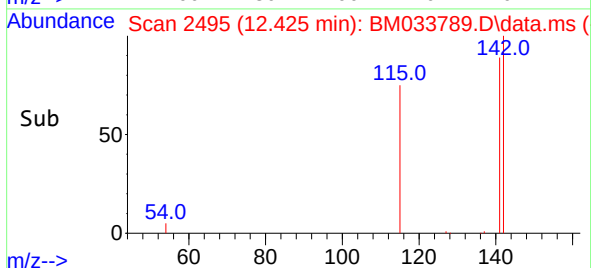
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

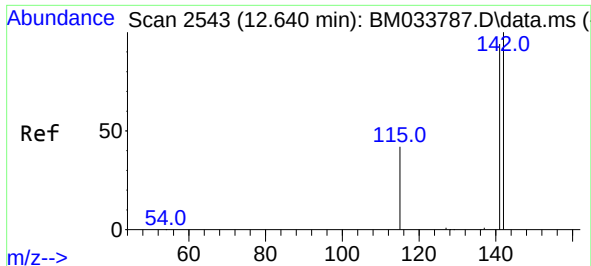


#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.425 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



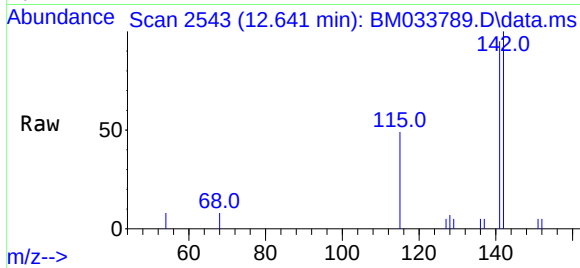
Tgt Ion:142 Resp: 2665
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

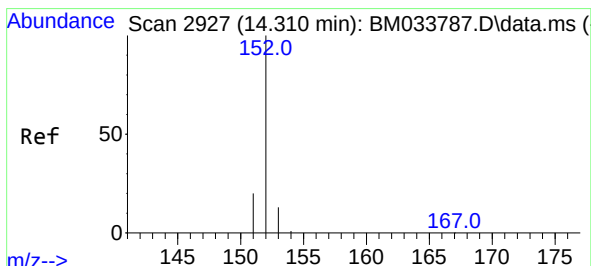
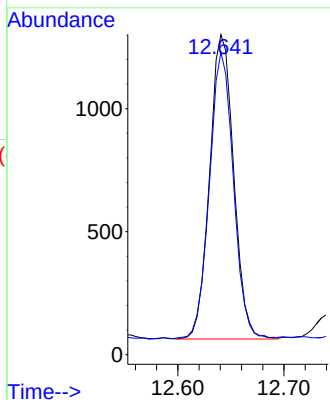
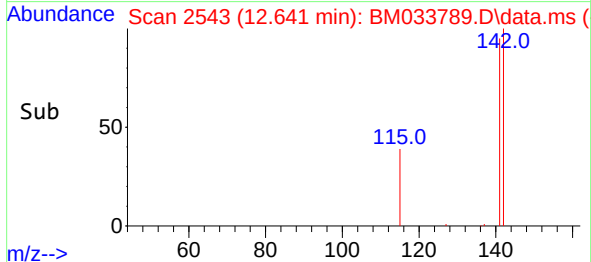
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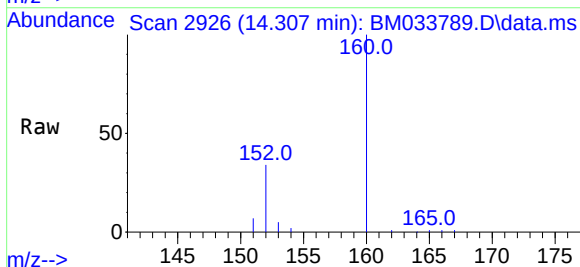
Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
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141 93.4 75.0 112.4

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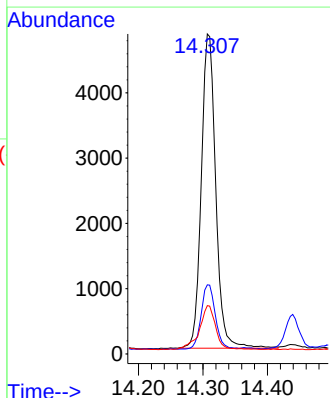
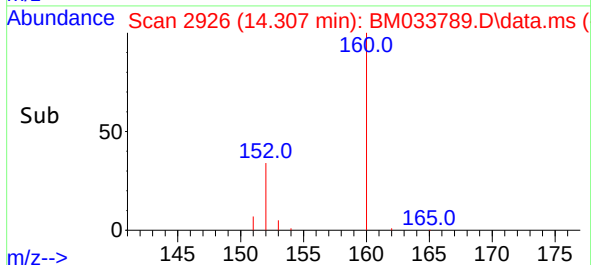
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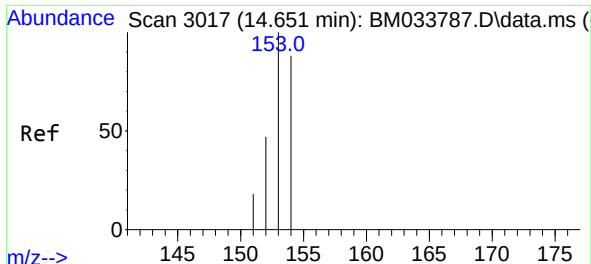


#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



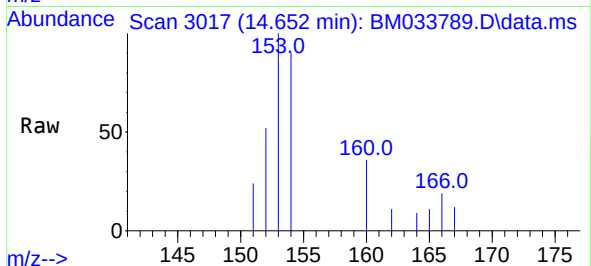
Tgt Ion:152 Resp: 7474
Ion Ratio Lower Upper
152 100
151 21.6 19.9 29.9
153 15.1 15.0 22.4





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.652 min Scan# 3017
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

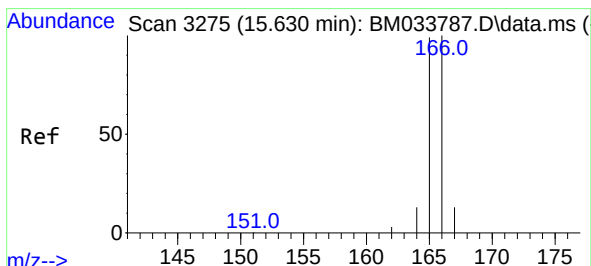
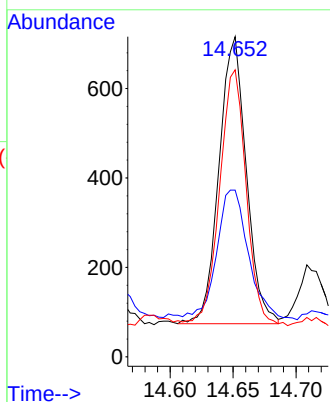
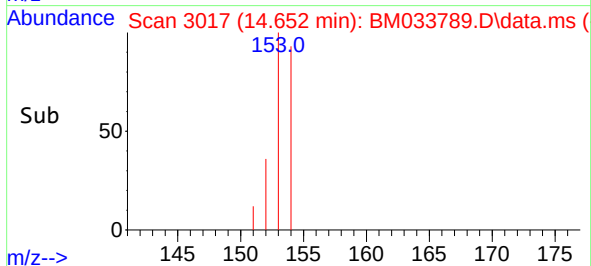
Instrument :
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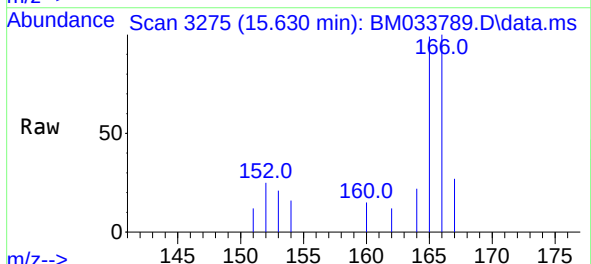
Tgt Ion:153 Resp: 970
Ion Ratio Lower Upper
153 100
152 52.1 42.4 63.6
154 89.7 66.2 99.2

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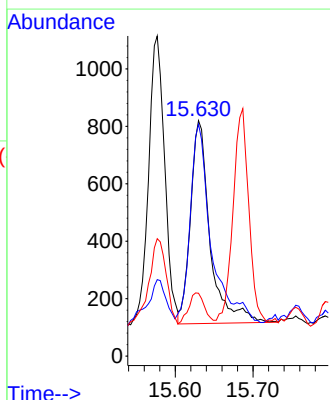
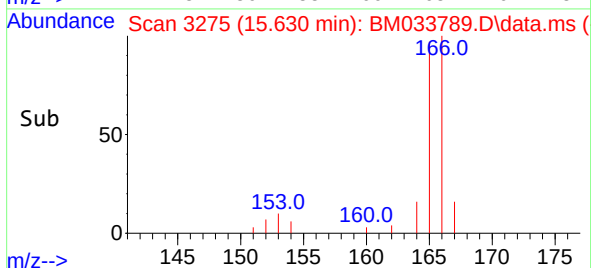
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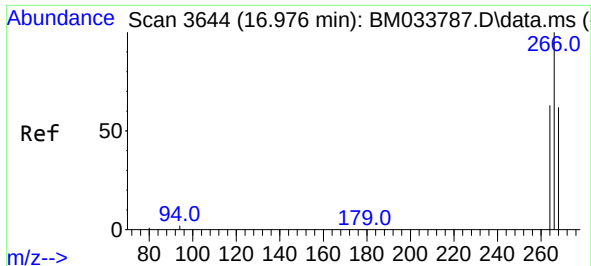


#12
Fluorene
Concen: 0.036 ng/u1
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



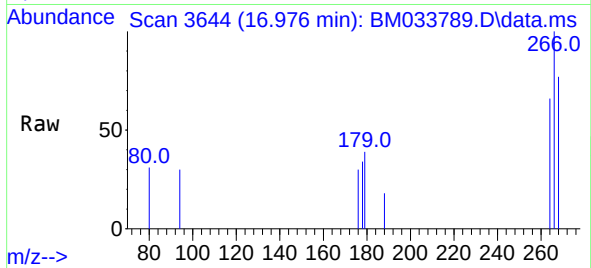
Tgt Ion:166 Resp: 1234
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 26.7 14.9 22.3#





#14
Pentachlorophenol
Concen: 0.079 ng/u1
RT: 16.976 min Scan# 3644
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

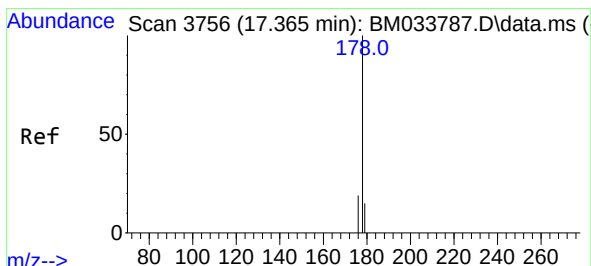
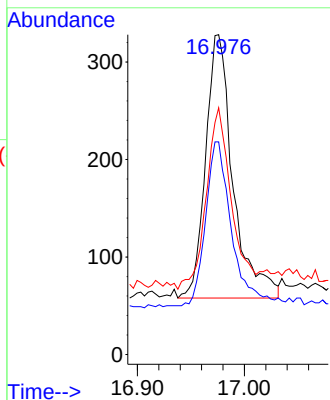
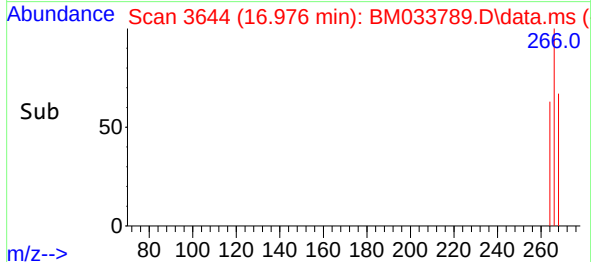
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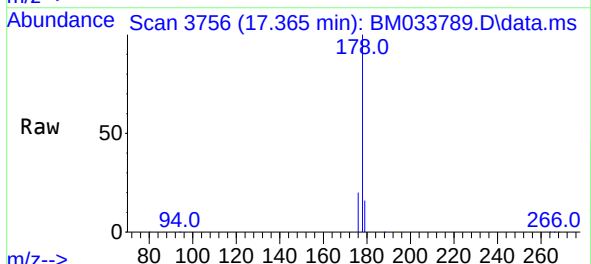
Tgt Ion:266 Resp: 480
Ion Ratio Lower Upper
266 100
264 59.4 51.4 77.0
268 67.9 53.1 79.7

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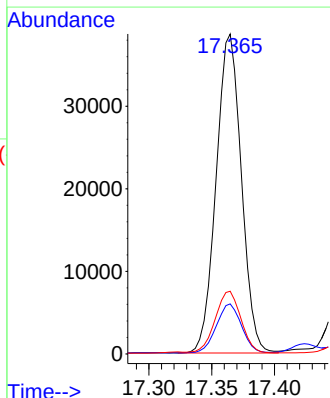
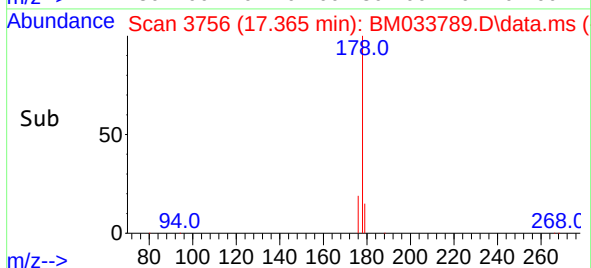
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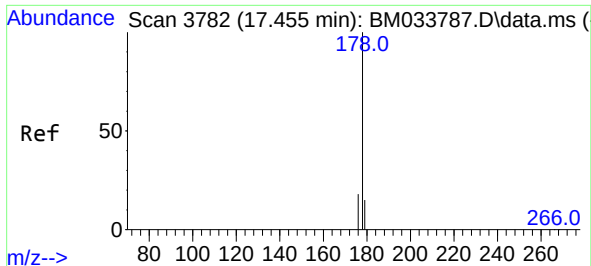


#15
Phenanthrene
Concen: 1.079 ng/u1
RT: 17.365 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



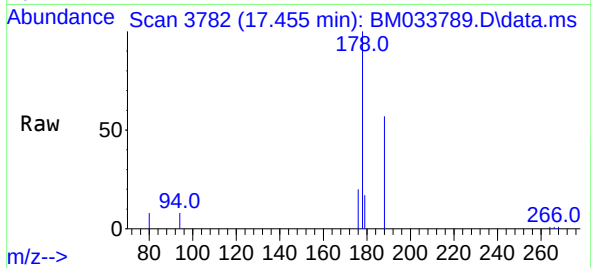
Tgt Ion:178 Resp: 53947
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 0.230 ng/u1
 RT: 17.455 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM033789.D
 Acq: 20 Jan 2022 15:25

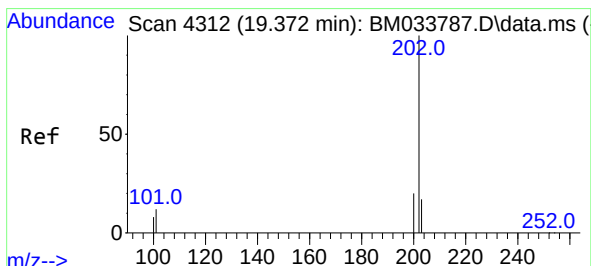
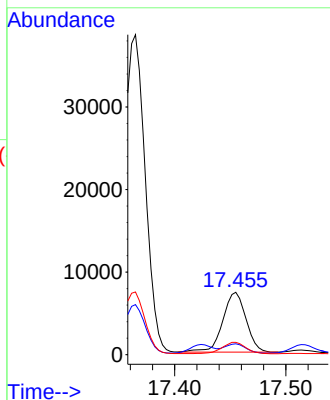
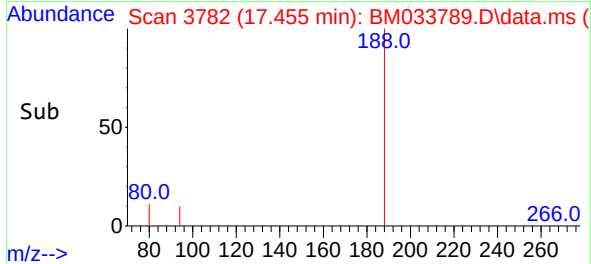
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Tgt Ion:178 Resp: 10560
 Ion Ratio Lower Upper
 178 100
 179 17.4 16.5 24.7
 176 19.7 18.3 27.5

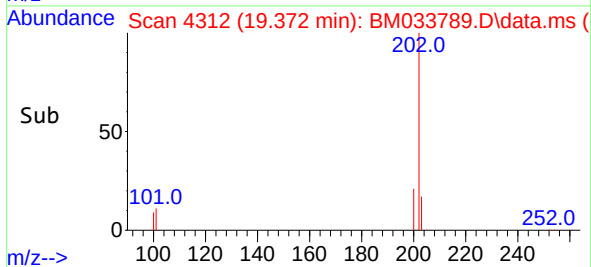
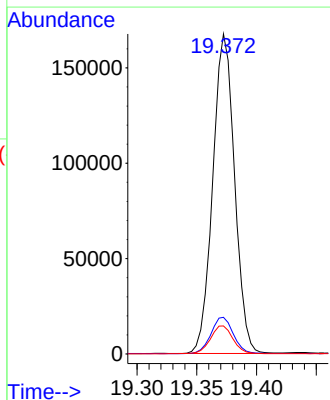
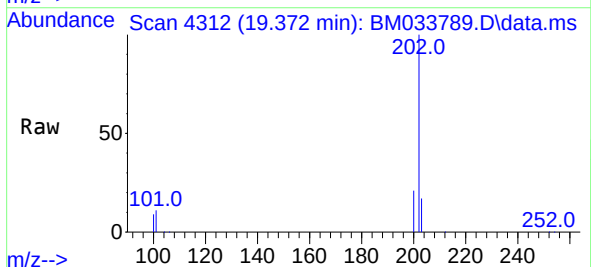
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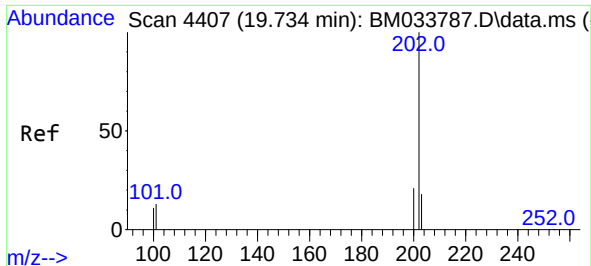
Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022



#19
 Fluoranthene
 Concen: 4.097 ng/u1
 RT: 19.372 min Scan# 4312
 Delta R.T. 0.001 min
 Lab File: BM033789.D
 Acq: 20 Jan 2022 15:25

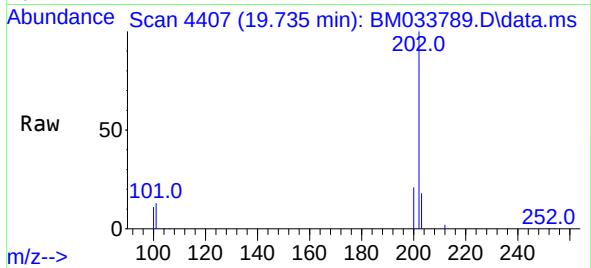
Tgt Ion:202 Resp: 213118
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.2 13.8
 100 8.7 7.2 10.8





#20
Pyrene
Concen: 3.954 ng/u1
RT: 19.735 min Scan# 4407
Delta R.T. 0.001 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

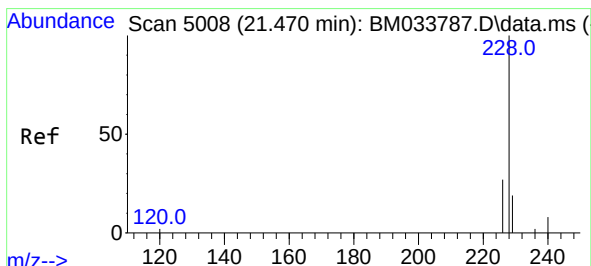
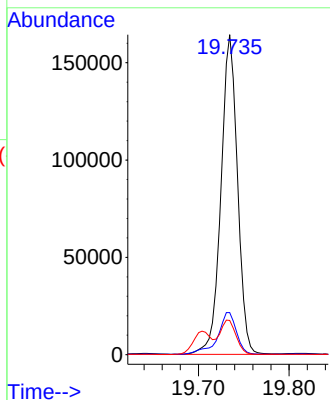
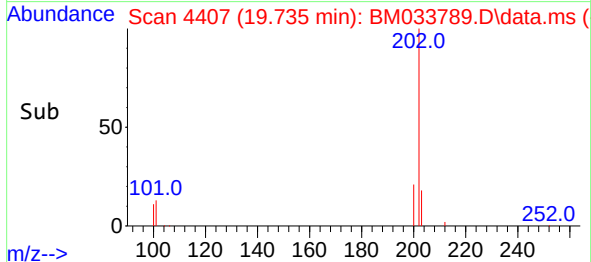
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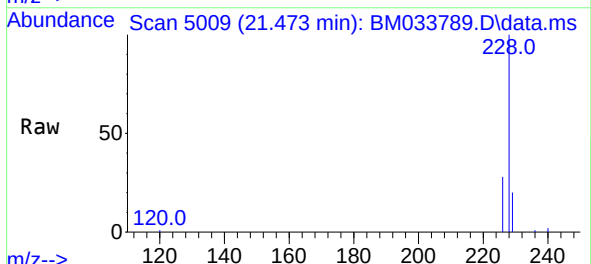
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Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 10.7 7.8 11.6

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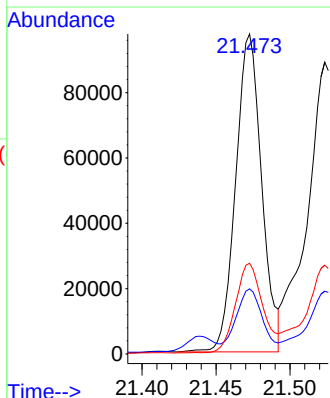
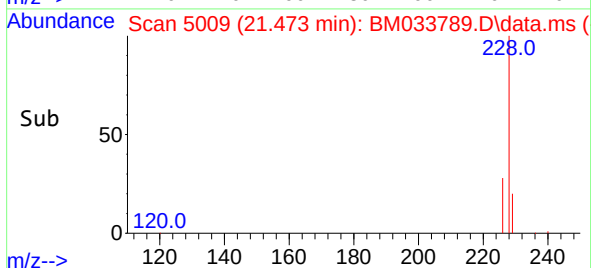
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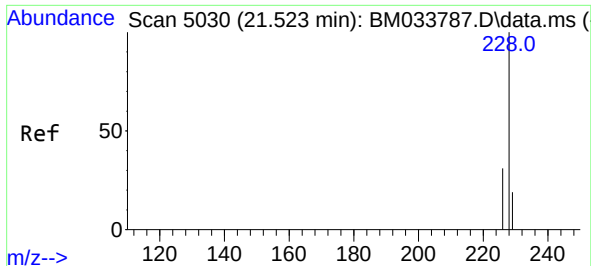


#21
Benzo(a)anthracene
Concen: 2.577 ng/u1
RT: 21.473 min Scan# 5009
Delta R.T. 0.003 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



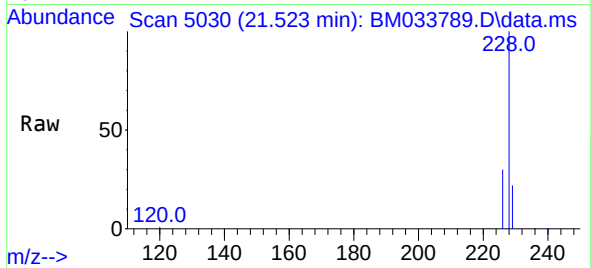
Tgt Ion:228 Resp: 118722
Ion Ratio Lower Upper
228 100
229 20.4 17.3 25.9
226 28.3 23.2 34.8





#22
Chrysene
Concen: 2.831 ng/ul
RT: 21.523 min Scan# 5030
Delta R.T. 0.001 min
Lab File: BM033789.D
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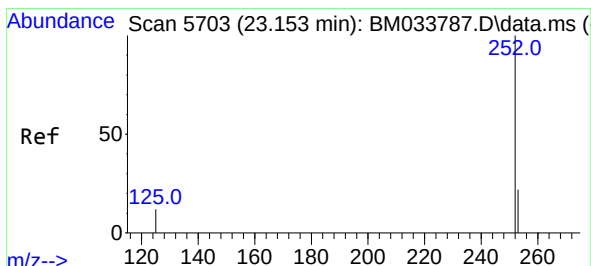
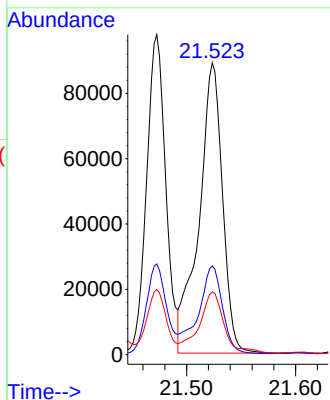
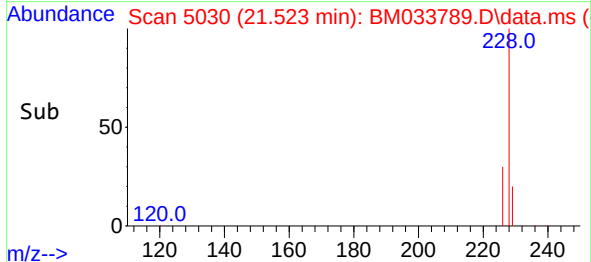
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ClientSampleId :
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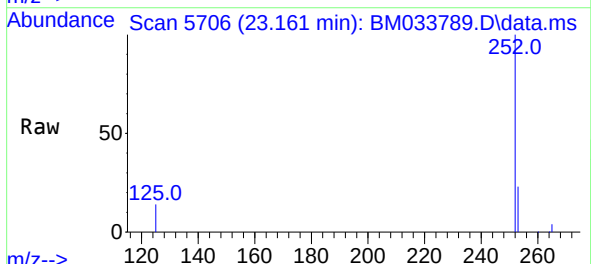
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Ion Ratio Lower Upper
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226 30.4 25.8 38.8
229 21.5 16.7 25.1

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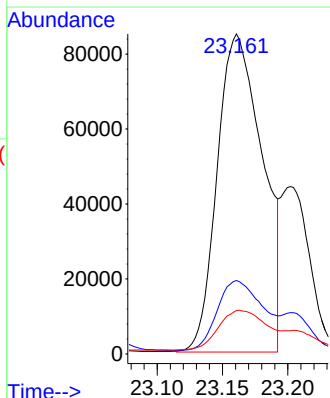
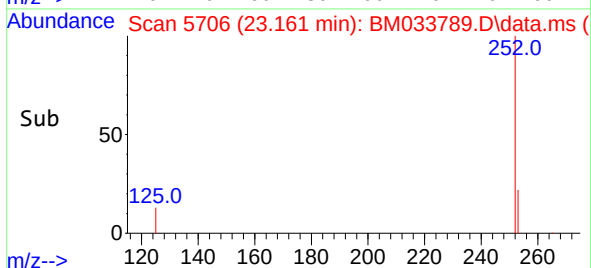
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

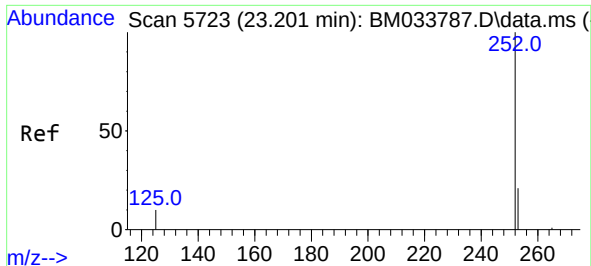


#24
Benzo(b)fluoranthene
Concen: 5.399 ng/ul m
RT: 23.161 min Scan# 5706
Delta R.T. 0.008 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



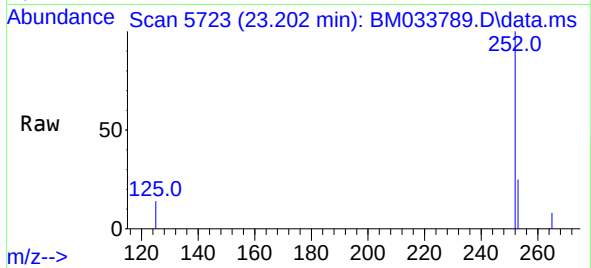
Tgt Ion:252 Resp: 204501
Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 13.6 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 1.835 ng/ul m
RT: 23.202 min Scan# 5723
Delta R.T. 0.001 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

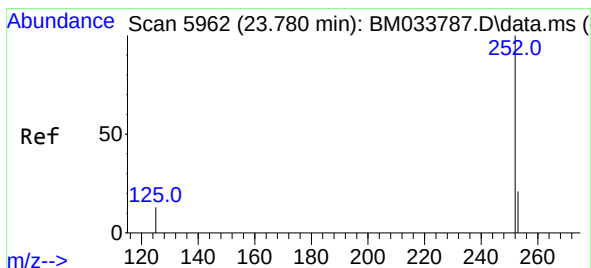
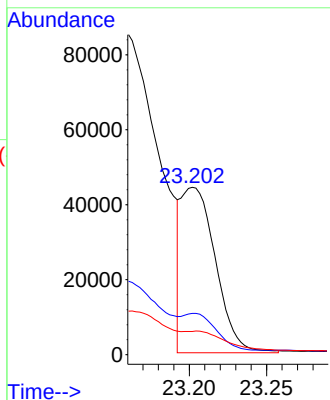
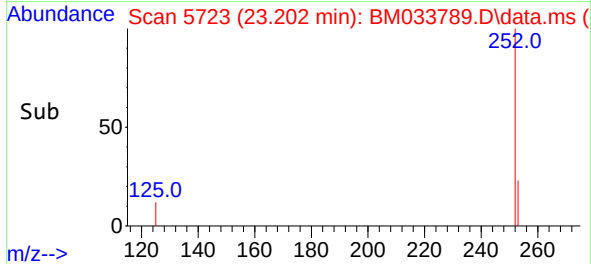
Instrument :
BNA_M
ClientSampleId :
DBLZ6



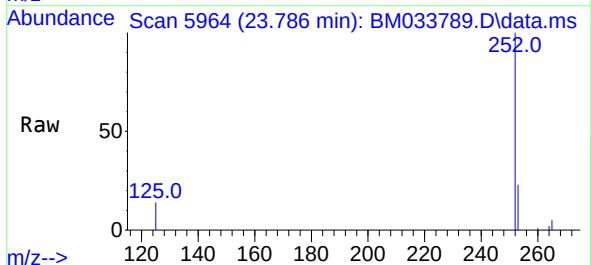
Tgt Ion:252 Resp: 68200
Ion Ratio Lower Upper
252 100
253 24.6 26.8 40.2
125 13.8 12.0 18.0

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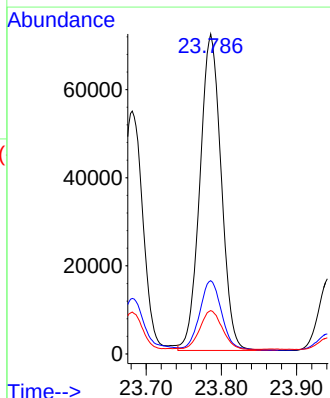
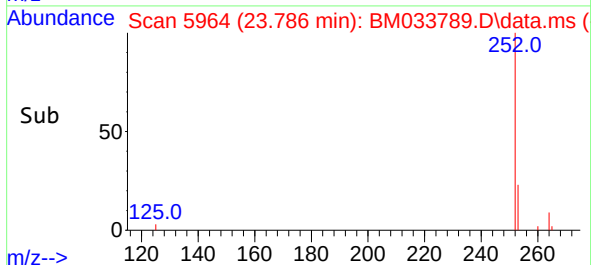
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

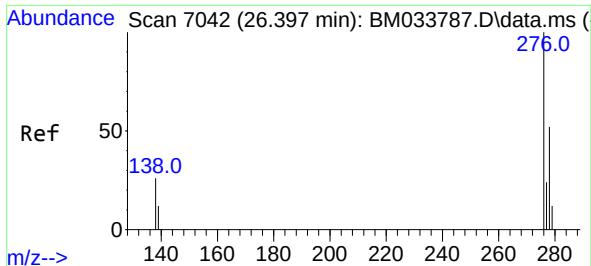


#26
Benzo(a)pyrene
Concen: 4.282 ng/ul
RT: 23.786 min Scan# 5964
Delta R.T. 0.005 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



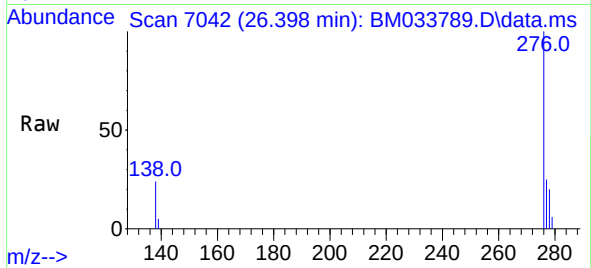
Tgt Ion:252 Resp: 141025
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0#
125 13.6 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.754 ng/ul
RT: 26.398 min Scan# 7042
Delta R.T. 0.001 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

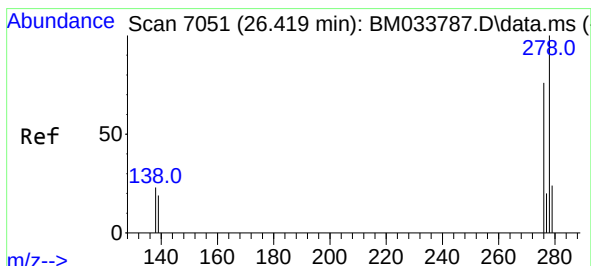
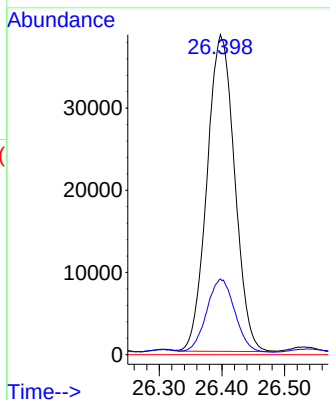
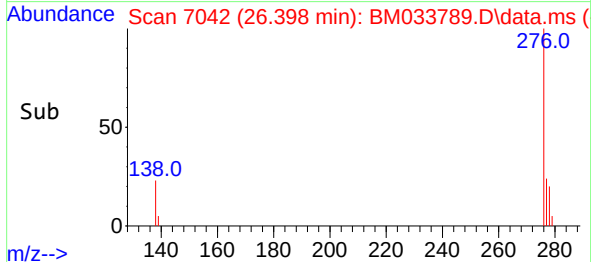
Instrument :
BNA_M
ClientSampleId :
DBLZ6



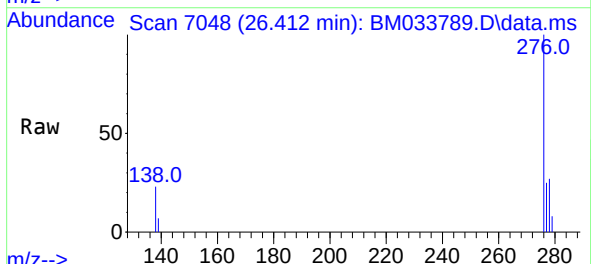
Tgt Ion:276 Resp: 11808
Ion Ratio Lower Upper
276 100
138 23.5 15.8 23.6
227 0.0 0.0 0.0

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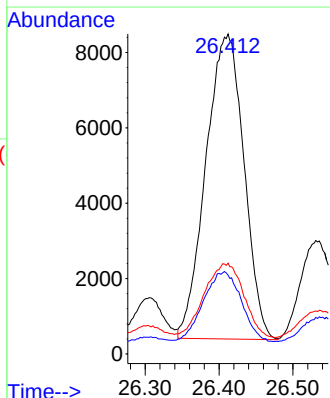
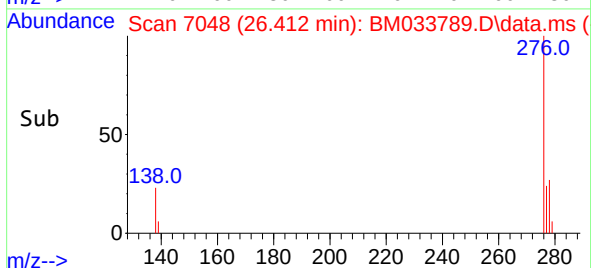
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

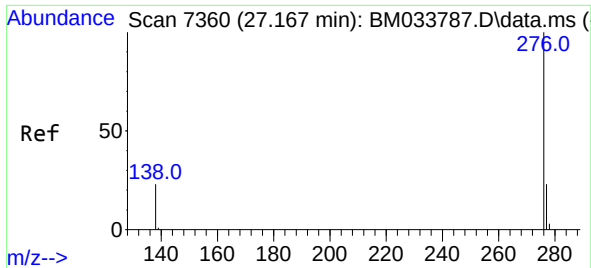


#28
Dibenzo(a,h)anthracene
Concen: 0.850 ng/ul
RT: 26.412 min Scan# 7048
Delta R.T. -0.007 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25



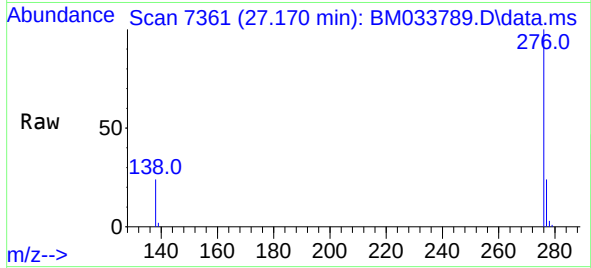
Tgt Ion:278 Resp: 28973
Ion Ratio Lower Upper
278 100
139 24.6 18.0 27.0
279 28.3 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 2.891 ng/ul
RT: 27.170 min Scan# 71
Delta R.T. 0.003 min
Lab File: BM033789.D
Acq: 20 Jan 2022 15:25

Instrument :
BNA_M
ClientSampleId :
DBLZ6



Tgt Ion:276 Resp: 106529
Ion Ratio Lower Upper
276 100
138 23.8 17.4 26.0
277 24.1 22.6 33.8

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 01/27/2022

