

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113021\
 Data File : BM033281.D
 Acq On : 30 Nov 2021 11:06
 Operator : CG/JU
 Sample : M4725-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L06

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 11/30/2021
 Supervised By : mohammad ahmed 12/05/2021

Quant Time: Nov 30 11:35:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 10:39:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	1731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	4839	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	3668	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.291	188	7584	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.450	240	10532	0.400	ng/ul	# 0.00
23) Perylene-d12	23.788	264	6730	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.379	96	10739	6.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2642	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	14292	0.468	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	468	0.256	ng/ul#	57
5) Naphthalene	10.774	128	1211	0.081	ng/ul#	61
7) 2-Methylnaphthalene	12.384	142	266	0.027	ng/ul	81
8) 1-Methylnaphthalene	12.600	142	1314m	0.137	ng/ul	
10) Acenaphthylene	14.276	152	21191	1.236	ng/ul#	94
11) Acenaphthene	14.617	153	703219	49.991	ng/ul	98
12) Fluorene	15.599	166	221096	13.929	ng/ul	98
14) Pentachlorophenol	16.948	266	166	0.066	ng/ul#	74
15) Phenanthrene	17.333	178	3269m	0.119	ng/ul	
16) Anthracene	17.423	178	86408	3.887	ng/ul	98
19) Fluoranthene	19.341	202	14139	0.279	ng/ul#	83
20) Pyrene	19.703	202	11763	0.234	ng/ul#	84
21) Benzo(a)anthracene	21.438	228	2142	0.057	ng/ul#	28

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

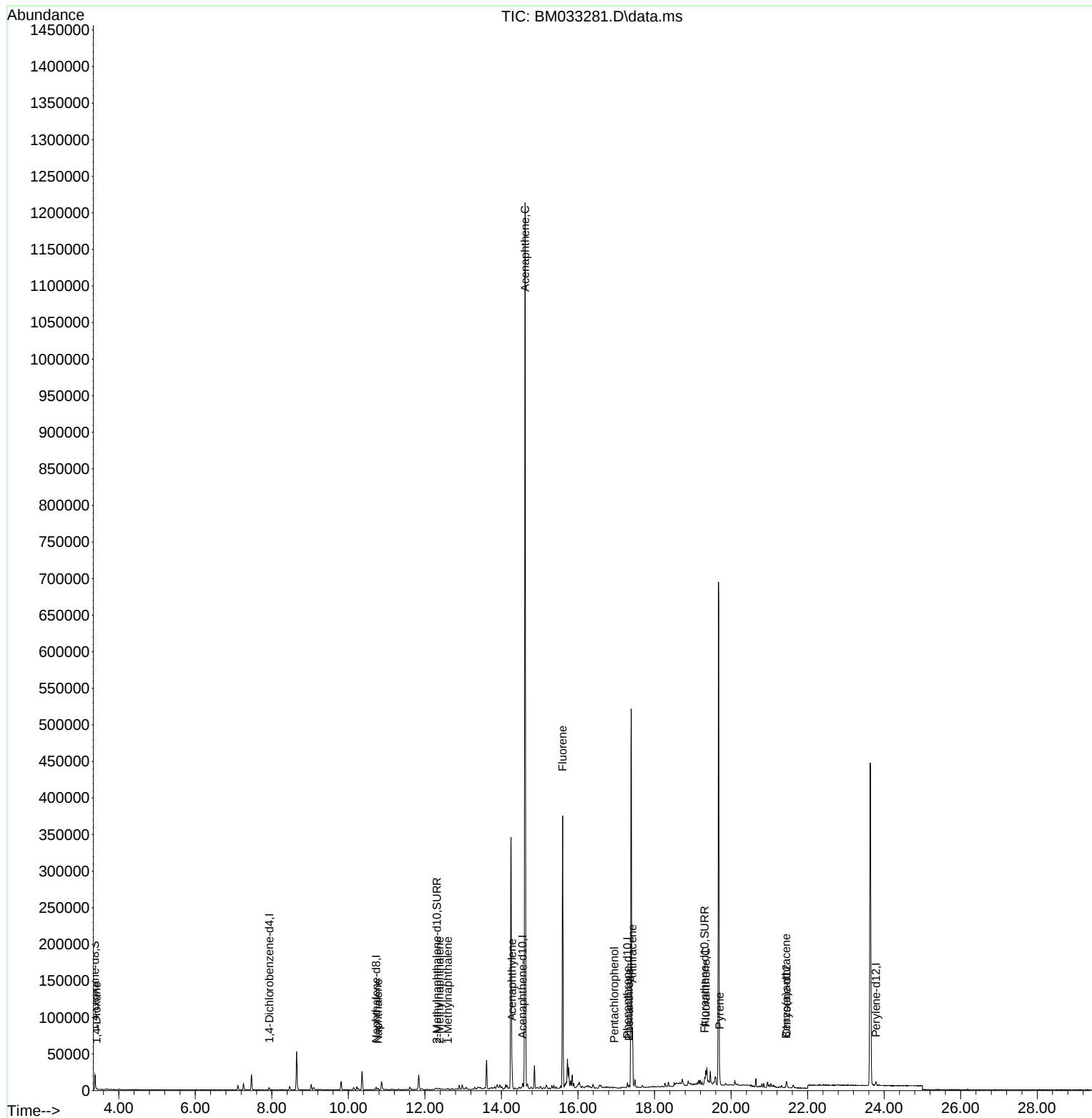
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Data File : BM033281.D
Acq On : 30 Nov 2021 11:06
Operator : CG/JU
Sample : M4725-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

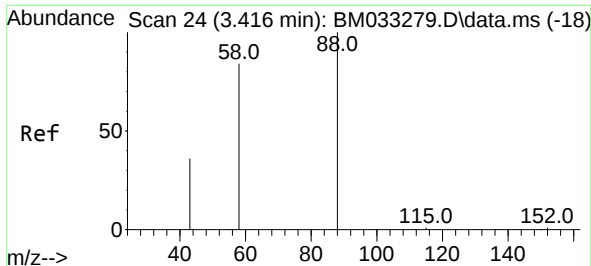
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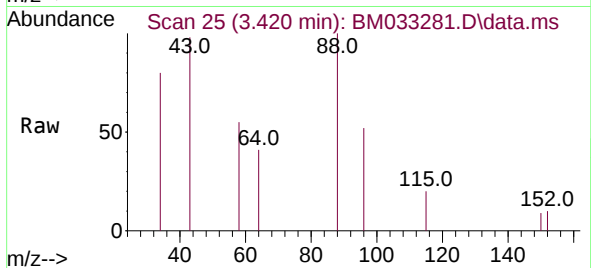
Quant Time: Nov 30 11:35:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 10:39:36 2021
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#2
1,4-Dioxane
Concen: 0.256 ng/ul
RT: 3.420 min Scan# 2099
Delta R.T. 0.004 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

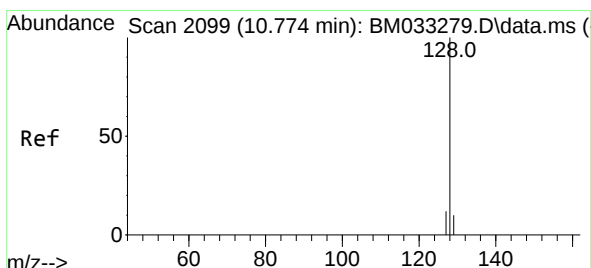
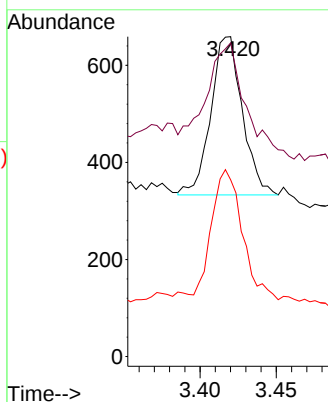
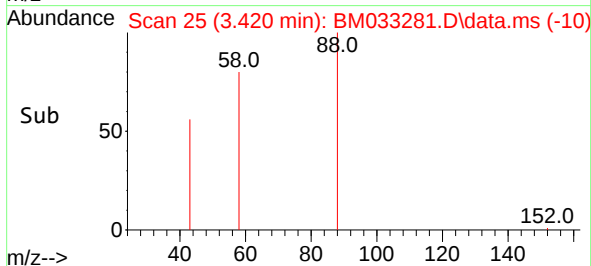
Instrument :
BNA_M
ClientSampleId :
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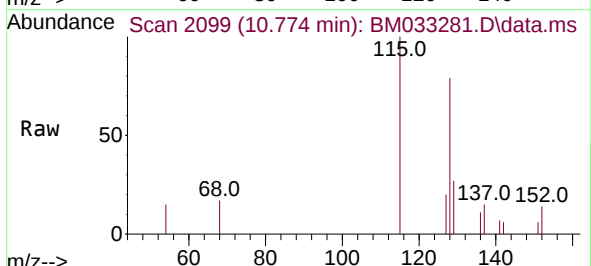
Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
43 98.0 35.8 53.8#
58 55.2 55.8 83.8#

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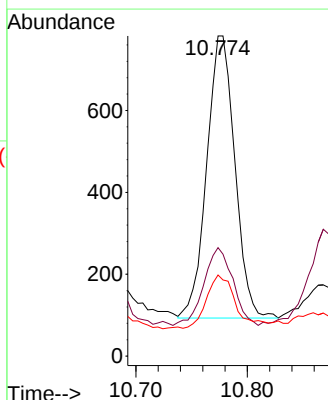
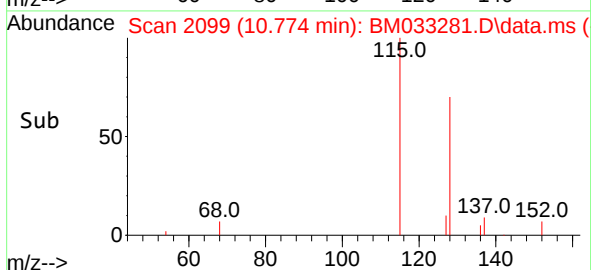
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :mohammad ahmed 12/05/2021

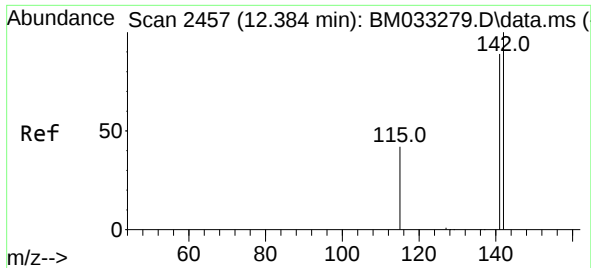


#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.774 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06



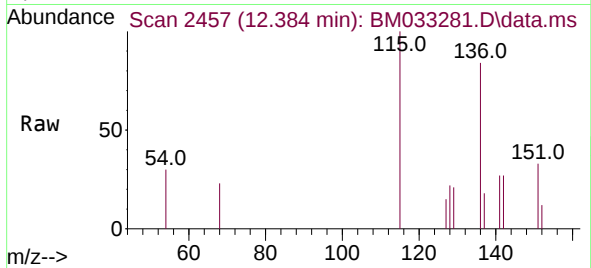
Tgt Ion:128 Resp: 1211
Ion Ratio Lower Upper
128 100
129 33.9 9.8 14.6#
127 25.3 11.8 17.8#





#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.384 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

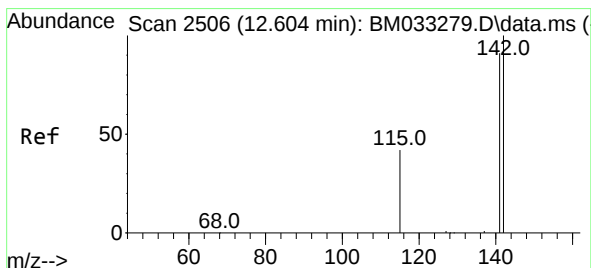
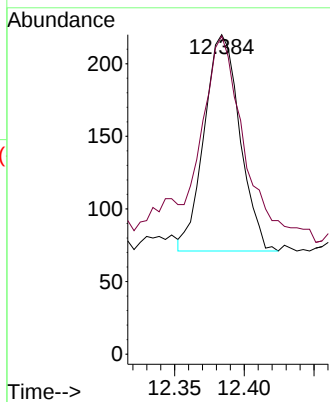
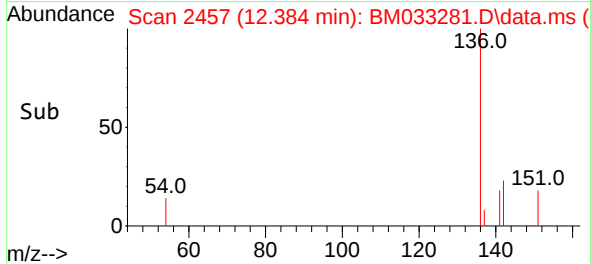
Instrument :
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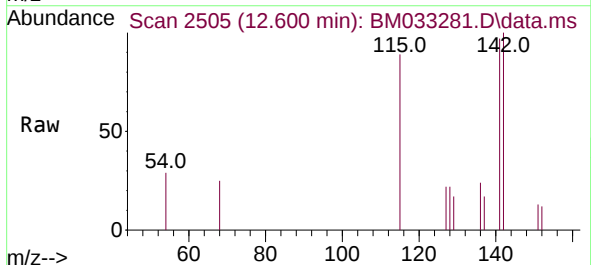
Tgt Ion:142 Resp: 260
Ion Ratio Lower Upper
142 100
141 109.4 73.3 109.9

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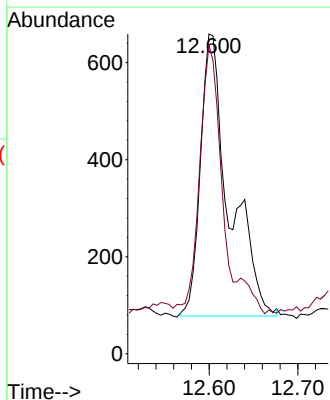
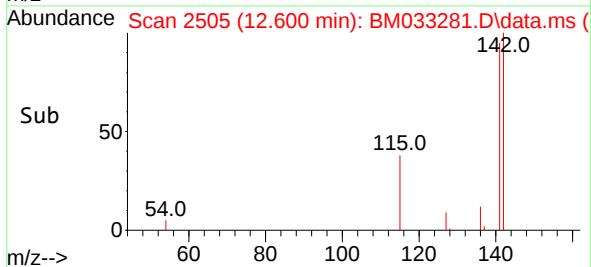
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :mohammad ahmed 12/05/2021

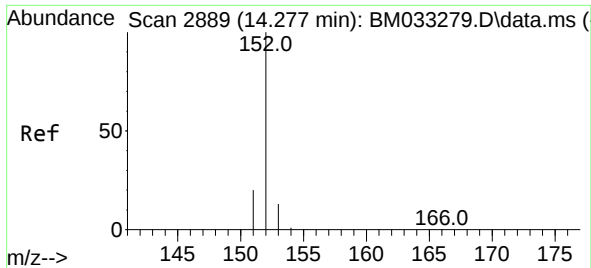


#8
1-Methylnaphthalene
Concen: 0.137 ng/ul m
RT: 12.600 min Scan# 2505
Delta R.T. -0.004 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06



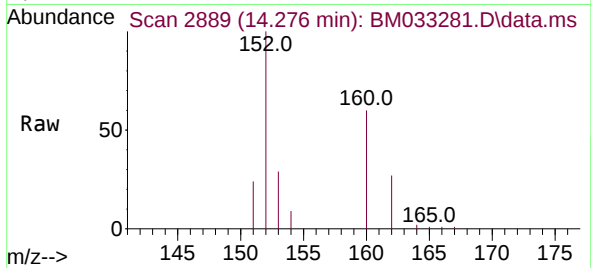
Tgt Ion:142 Resp: 1314
Ion Ratio Lower Upper
142 100
141 75.7 74.5 111.7





#10
Acenaphthylene
Concen: 1.236 ng/ul
RT: 14.276 min Scan# 2889
Delta R.T. -0.001 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

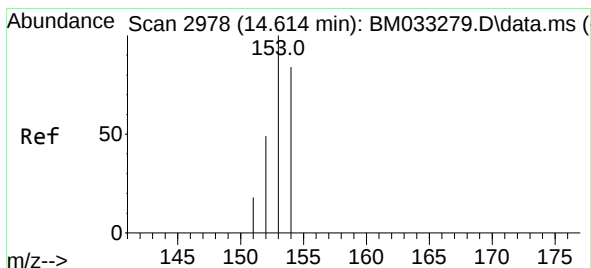
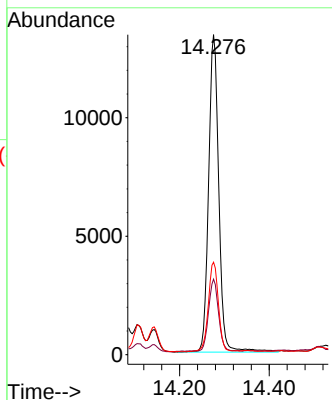
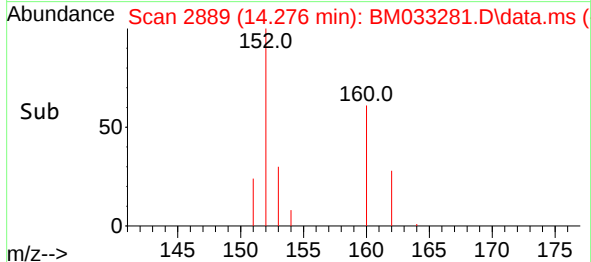
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 2119
Ion Ratio Lower Upper
152 100
151 23.6 16.7 25.1
153 28.9 0.0 0.0

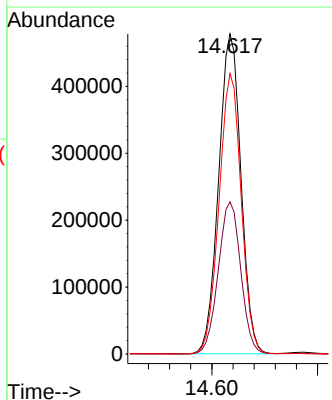
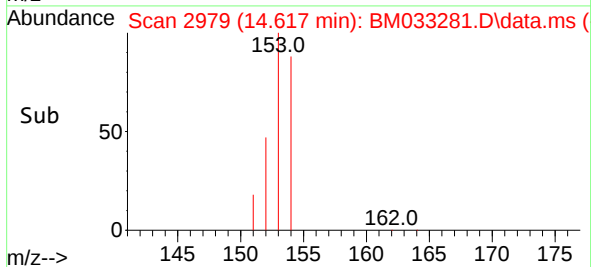
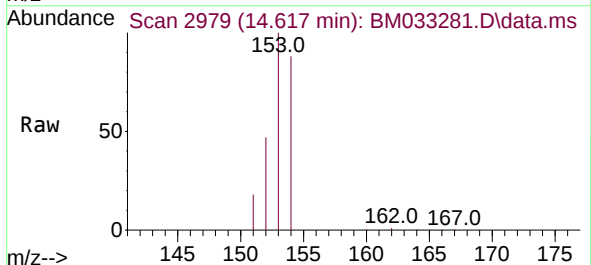
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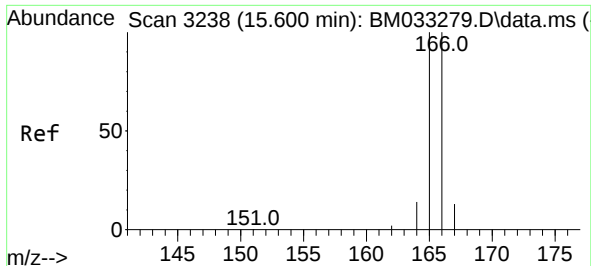
Reviewed By :Jagrut Upadhyay 11/30/2021
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#11
Acenaphthene
Concen: 49.991 ng/ul
RT: 14.617 min Scan# 2979
Delta R.T. 0.003 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

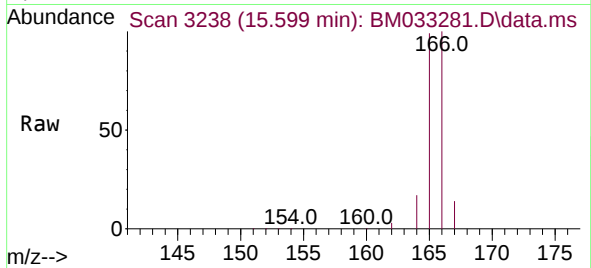
Tgt Ion:153 Resp: 703219
Ion Ratio Lower Upper
153 100
152 47.5 40.6 60.8
154 87.6 70.8 106.2





#12
Fluorene
Concen: 13.929 ng/ul
RT: 15.599 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

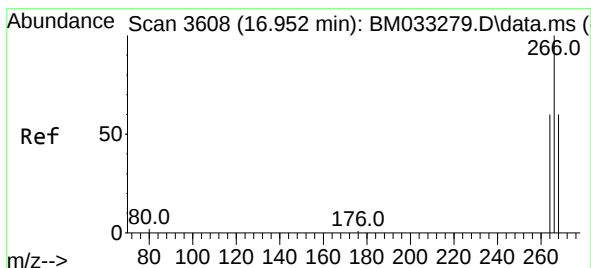
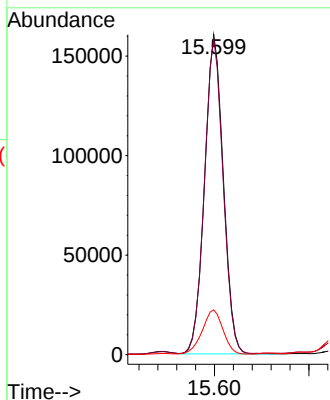
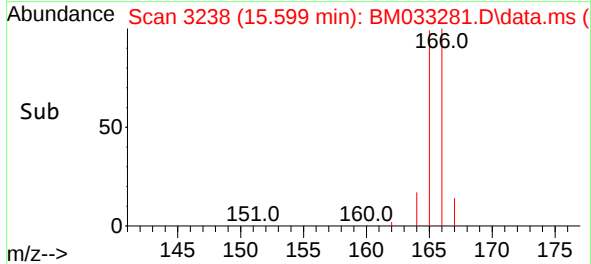
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 221090
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 14.0 11.7 17.5

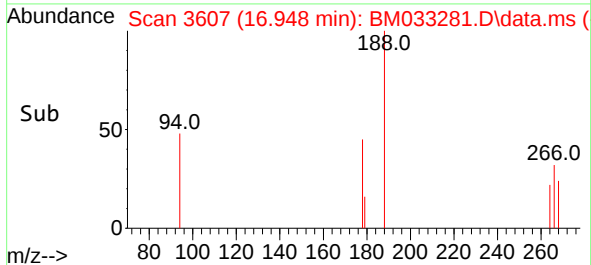
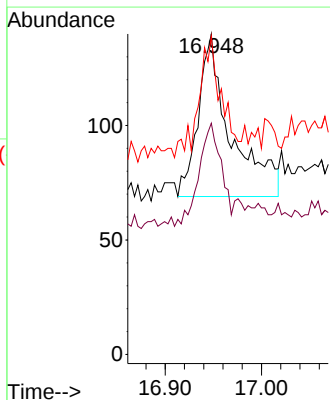
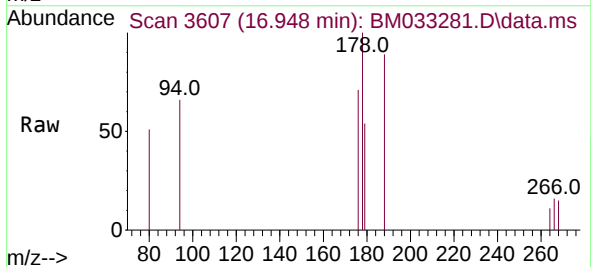
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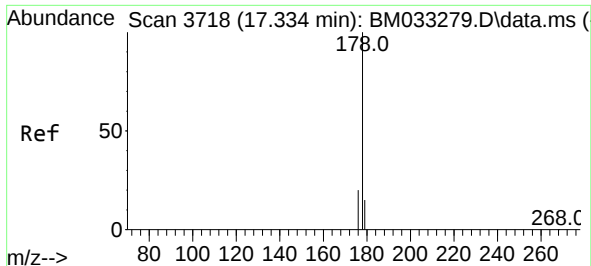
Reviewed By :Jagrut Upadhyay 11/30/2021
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#14
Pentachlorophenol
Concen: 0.066 ng/ul
RT: 16.948 min Scan# 3607
Delta R.T. -0.004 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

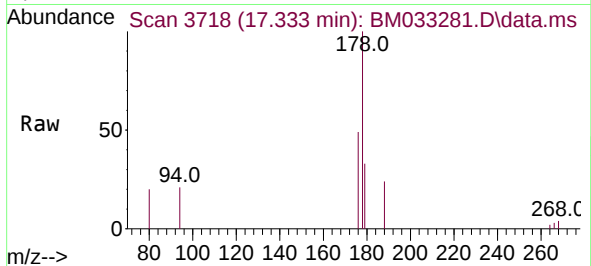
Tgt Ion:266 Resp: 166
Ion Ratio Lower Upper
266 100
264 43.4 51.2 76.8#
268 45.8 52.9 79.3#





#15
Phenanthrene
Concen: 0.119 ng/ul m
RT: 17.333 min Scan# 3718
Delta R.T. -0.001 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

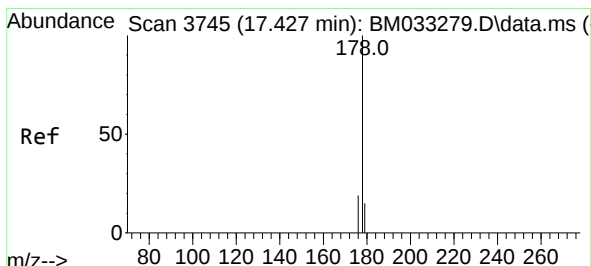
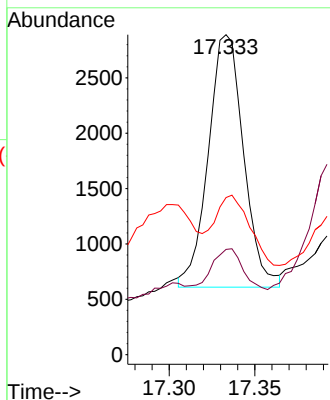
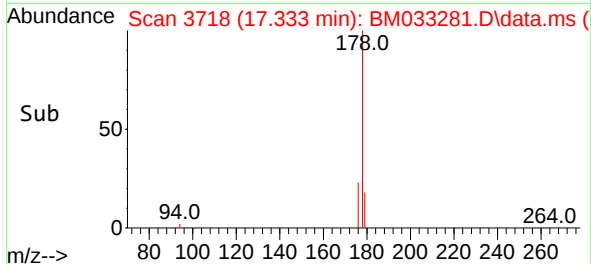
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Tgt Ion:178 Resp: 3269
Ion Ratio Lower Upper
178 100
179 32.9 12.9 19.3
176 49.1 16.0 24.0

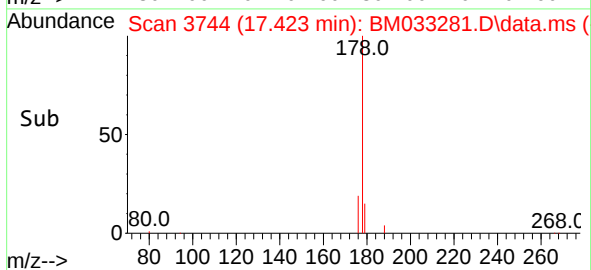
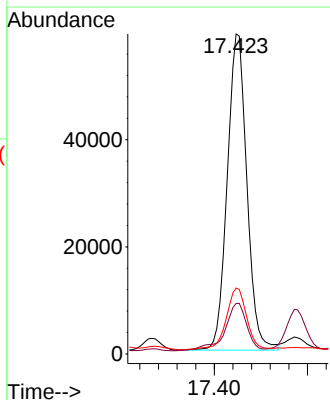
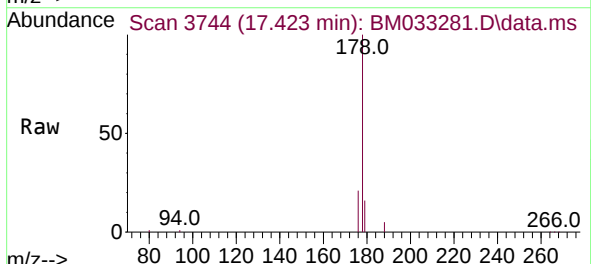
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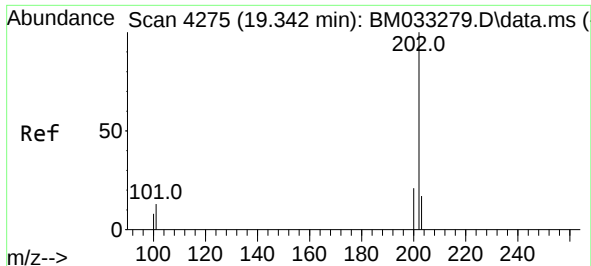
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :mohammad ahmed 12/05/2021



#16
Anthracene
Concen: 3.887 ng/ul
RT: 17.423 min Scan# 3744
Delta R.T. -0.004 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

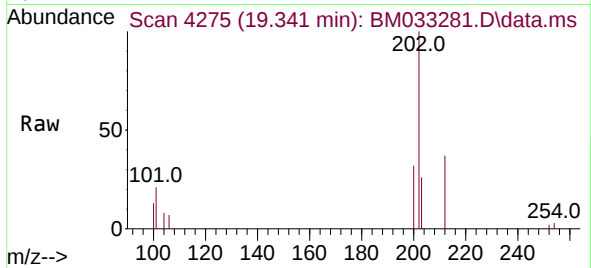
Tgt Ion:178 Resp: 86408
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 20.6 15.6 23.4





#19
Fluoranthene
Concen: 0.279 ng/u1
RT: 19.341 min Scan# 4275
Delta R.T. -0.001 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06

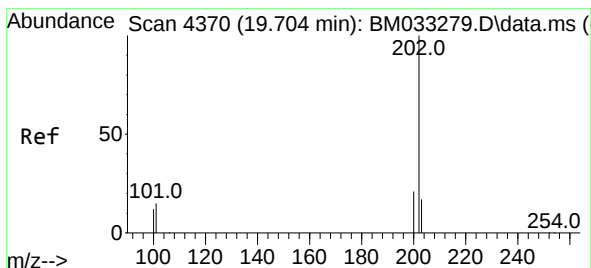
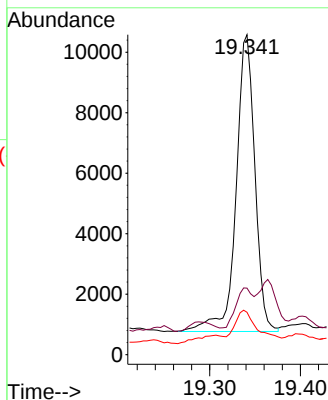
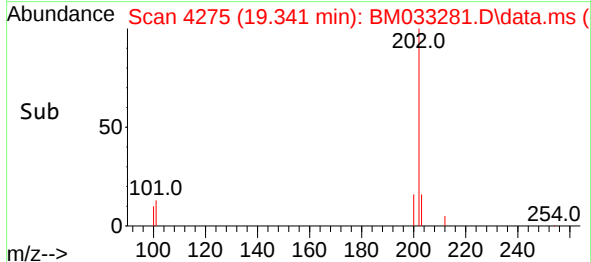
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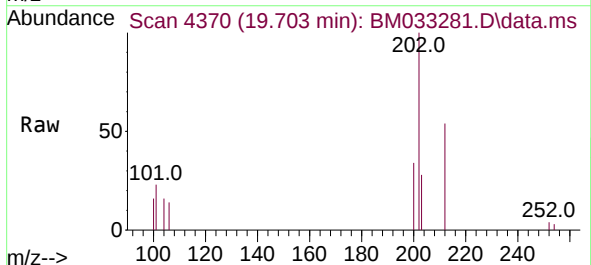
Tgt Ion:202 Resp: 14139
Ion Ratio Lower Upper
202 100
101 20.8 9.9 14.9#
100 13.3 7.3 10.9#

Manual Integrations
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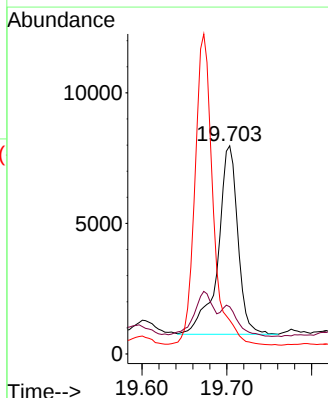
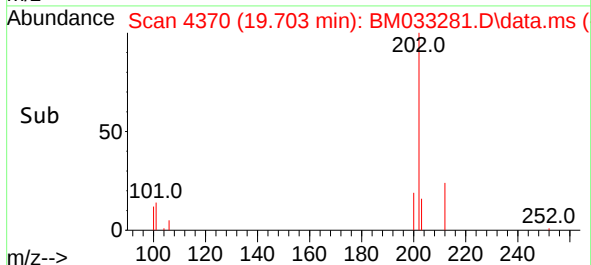
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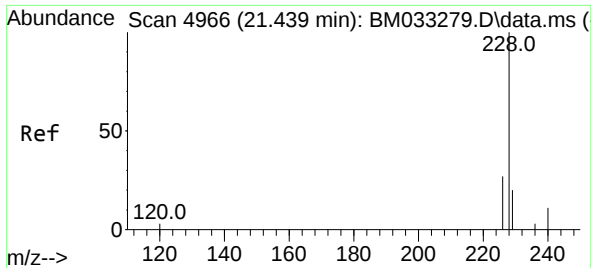


#20
Pyrene
Concen: 0.234 ng/u1
RT: 19.703 min Scan# 4370
Delta R.T. -0.001 min
Lab File: BM033281.D
Acq: 30 Nov 2021 11:06



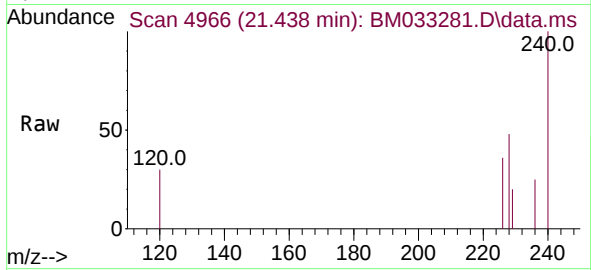
Tgt Ion:202 Resp: 11763
Ion Ratio Lower Upper
202 100
101 22.6 11.8 17.6#
100 16.2 9.5 14.3#





#21
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.438 min Scan# 4966
Delta R.T. -0.001 min
Lab File: BM033281.D
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Tgt Ion:	228	Resp:	214
Ion	Ratio	Lower	Upper
228	100		
229	41.8	15.7	23.5
226	74.3	22.4	33.6

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