

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
 Data File : BM033877.D
 Acq On : 26 Jan 2022 19:11
 Operator : CG/JU
 Sample : PB142263BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS263

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
 Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 27 01:42:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	5713	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	2683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	5676	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	4996	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	5084	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1222	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	2772	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	5818	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	3249	1.746	ng/ul#	78
5) Naphthalene	10.806	128	5824	0.371	ng/ul#	90
7) 2-Methylnaphthalene	12.420	142	3344	0.328	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	3306	0.330	ng/ul	100
10) Acenaphthylene	14.303	152	4674	0.390	ng/ul	93
11) Acenaphthene	14.640	153	3443	0.359	ng/ul	96
12) Fluorene	15.626	166	3941	0.360	ng/ul	99
14) Pentachlorophenol	16.969	266	1628	0.624	ng/ul	97
15) Phenanthrene	17.358	178	6467	0.358	ng/ul	96
16) Anthracene	17.451	178	5834	0.345	ng/ul	94
19) Fluoranthene	19.365	202	8187	0.359	ng/ul	99
20) Pyrene	19.723	202	8557	0.367	ng/ul	95
21) Benzo(a)anthracene	21.461	228	7446	0.365	ng/ul	99
22) Chrysene	21.514	228	8628	0.399	ng/ul	98
24) Benzo(b)fluoranthene	23.141	252	8488	0.372	ng/ul	92
25) Benzo(k)fluoranthene	23.190	252	9050m	0.396	ng/ul	
26) Benzo(a)pyrene	23.769	252	8445	0.426	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.378	276	9992	0.379	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.400	278	7965	0.384	ng/ul	95
29) Benzo(g,h,i)perylene	27.141	276	8814	0.394	ng/ul	94

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

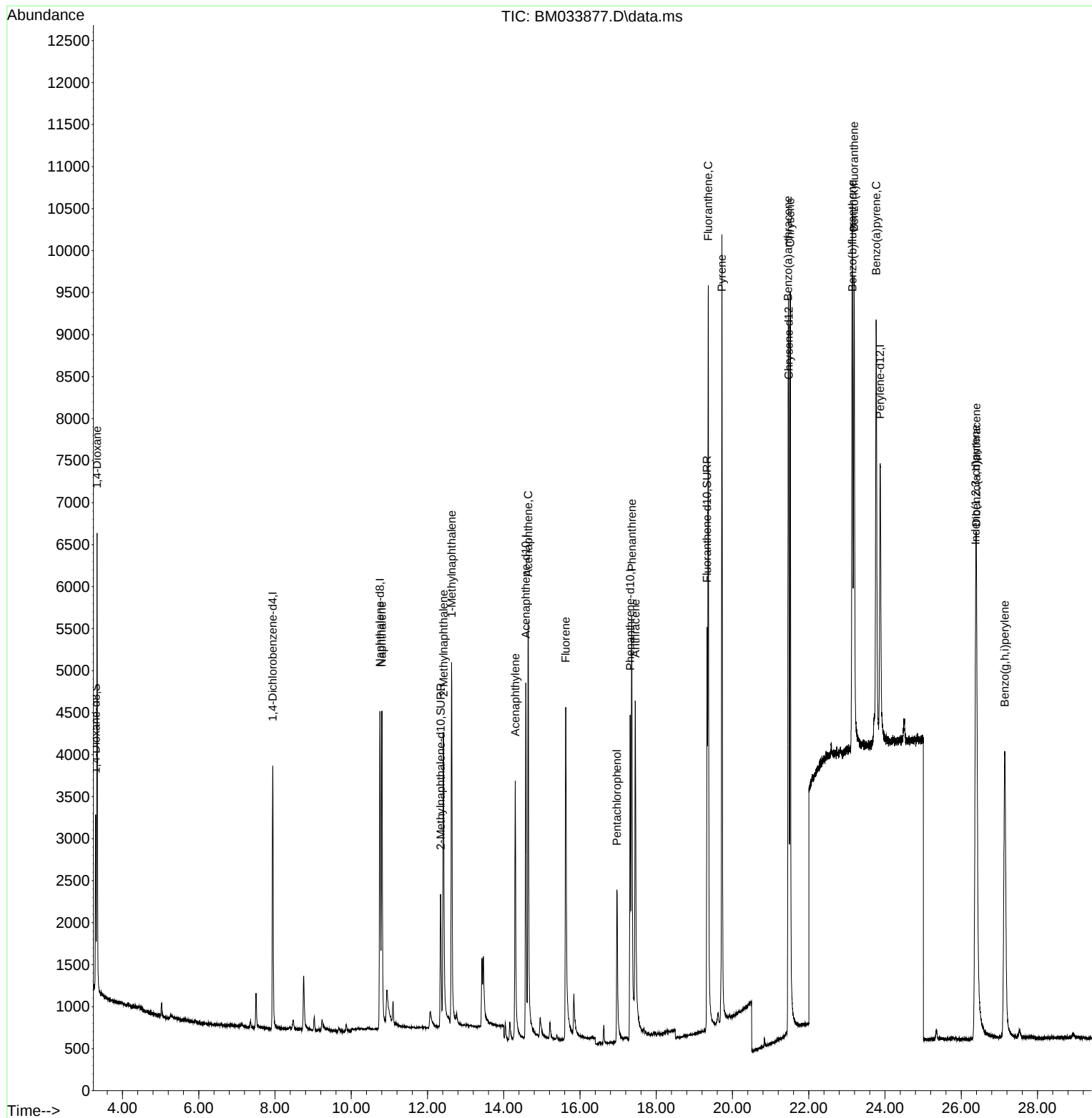
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
Data File : BM033877.D
Acq On : 26 Jan 2022 19:11
Operator : CG/JU
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ALS Vial : 15 Sample Multiplier: 1

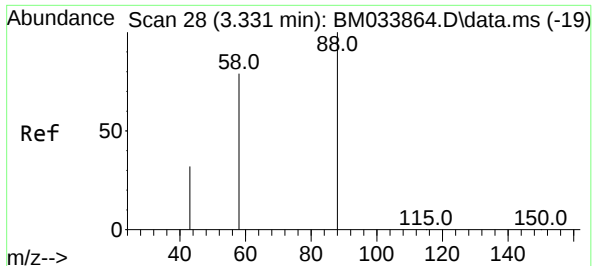
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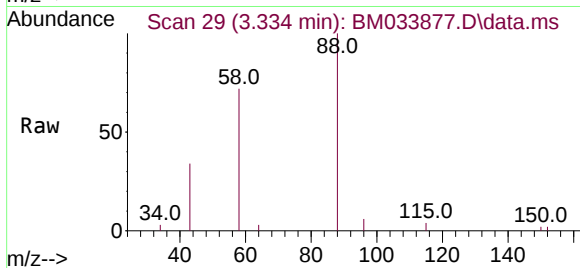
Quant Time: Jan 27 01:42:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.746 ng/ul
RT: 3.334 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

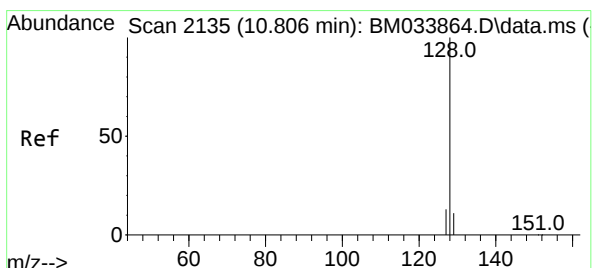
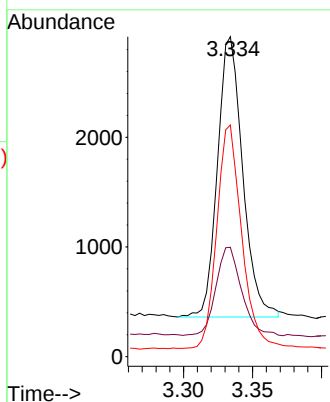
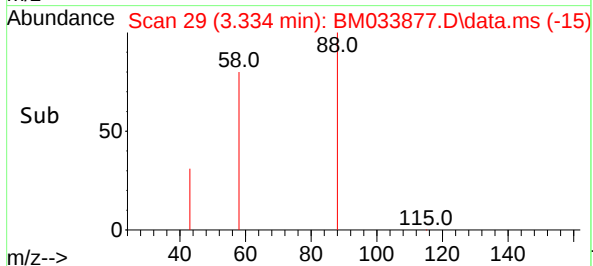
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 3249
Ion Ratio Lower Upper
88 100
43 34.2 49.7 74.5#
58 72.4 52.5 78.7

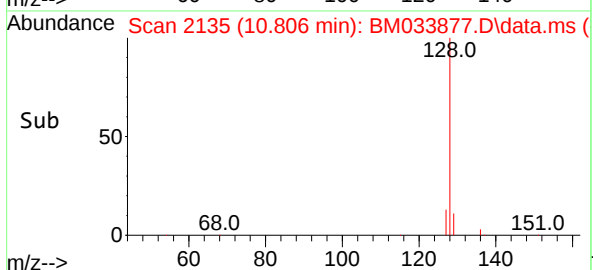
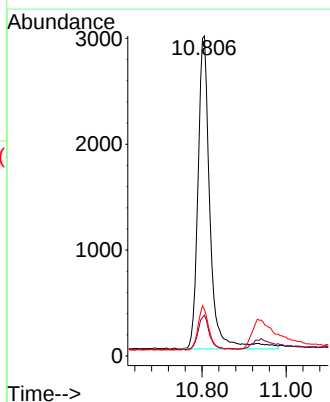
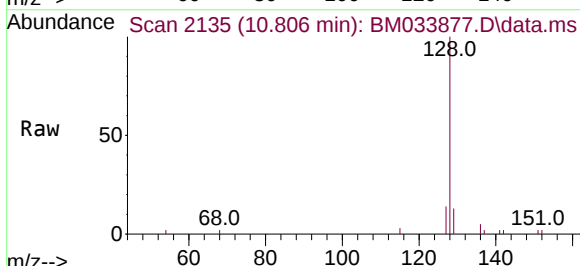
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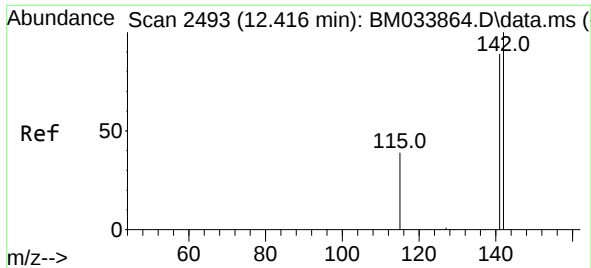
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.806 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

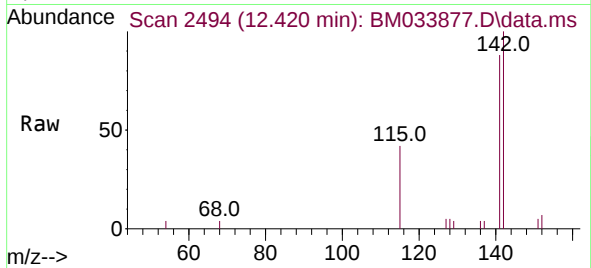
Tgt Ion:128 Resp: 5824
Ion Ratio Lower Upper
128 100
129 12.7 13.4 20.2#
127 14.5 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

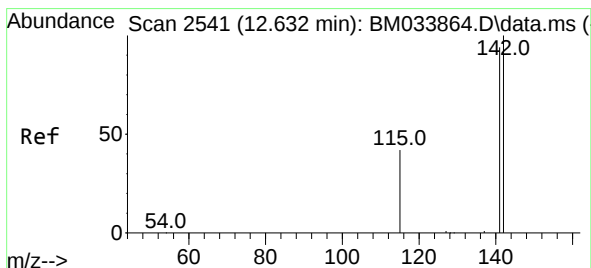
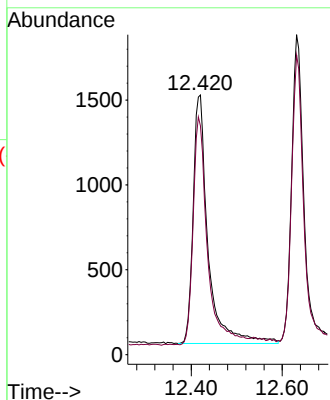
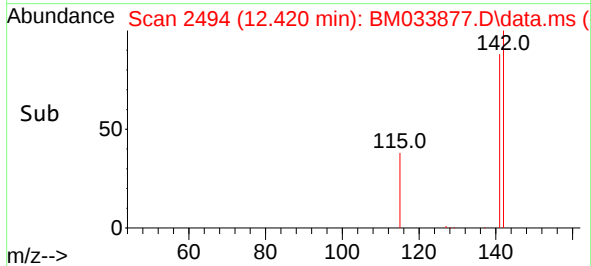
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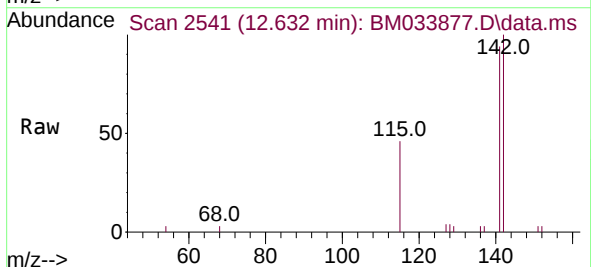
Tgt Ion:142 Resp: 3344
Ion Ratio Lower Upper
142 100
141 91.7 71.8 107.6

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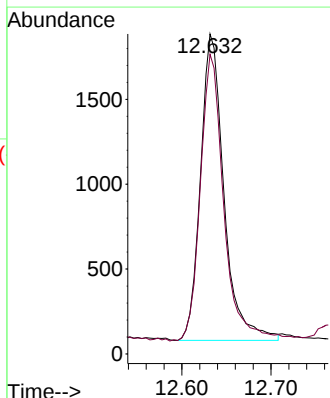
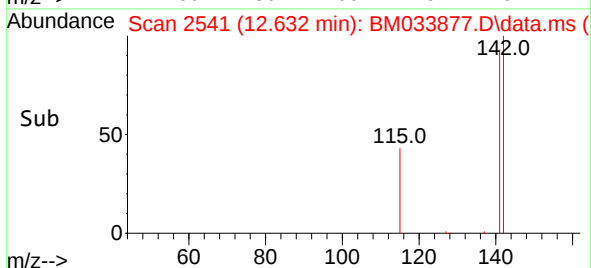
Reviewed By :Jagrut Upadhyay 01/27/2022
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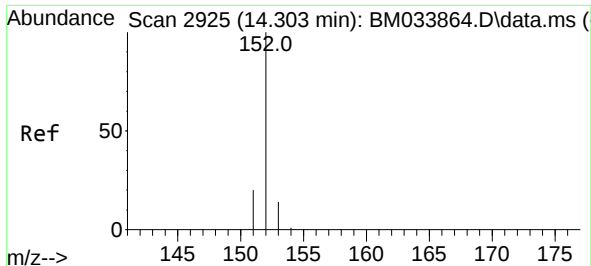


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.632 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11



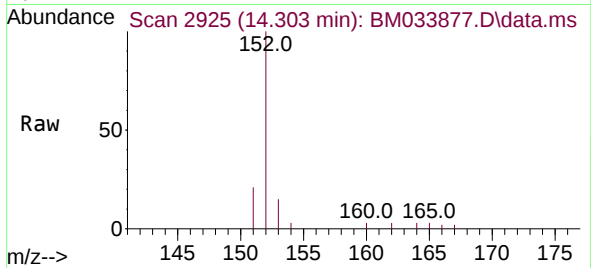
Tgt Ion:142 Resp: 3306
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4





#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. 0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

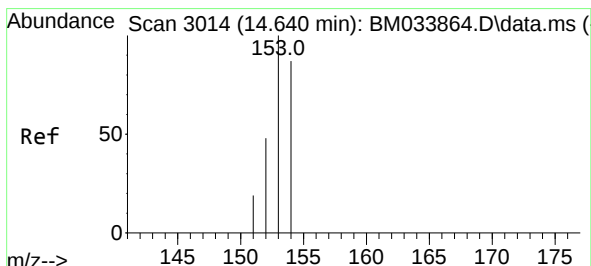
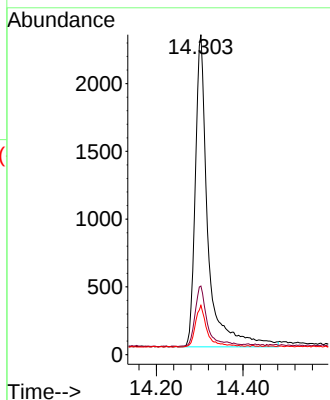
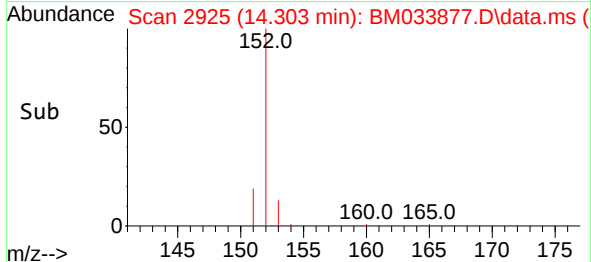
Instrument :
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Tgt Ion:152 Resp: 4674
Ion Ratio Lower Upper
152 100
151 21.4 19.9 29.9
153 15.4 15.0 22.4

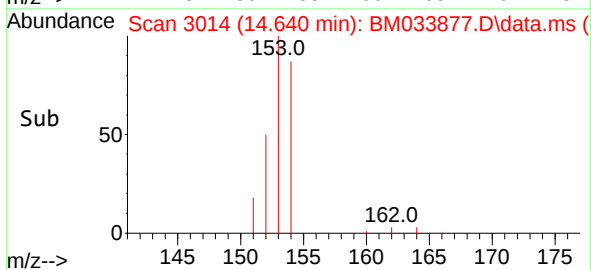
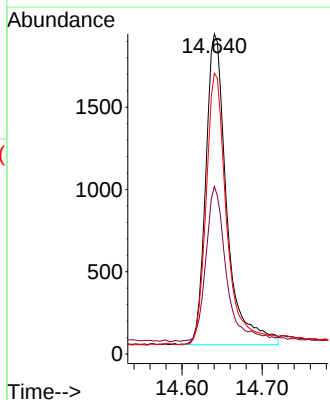
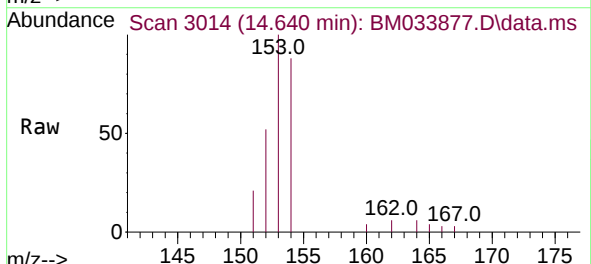
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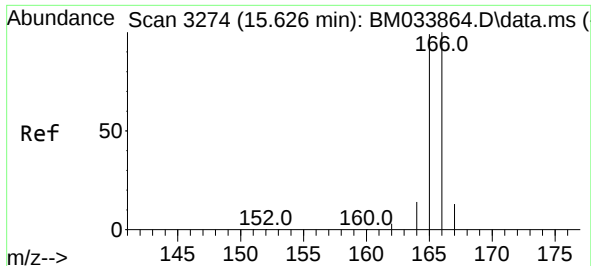
Reviewed By :Jagrut Upadhyay 01/27/2022
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#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.640 min Scan# 3014
Delta R.T. -0.004 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

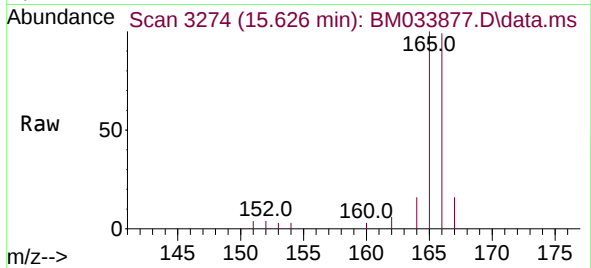
Tgt Ion:153 Resp: 3443
Ion Ratio Lower Upper
153 100
152 52.3 42.4 63.6
154 87.7 66.2 99.2





#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

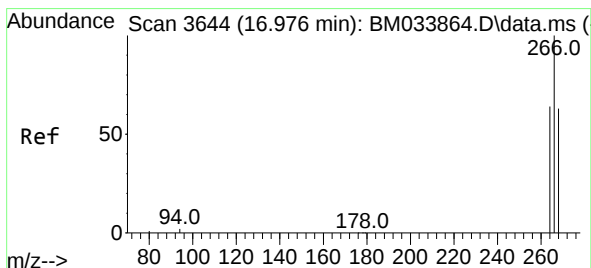
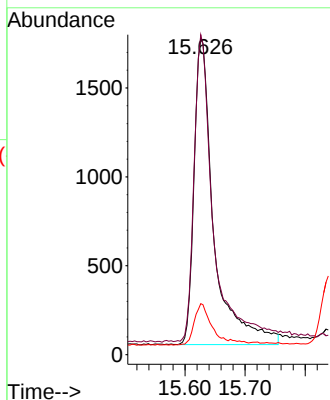
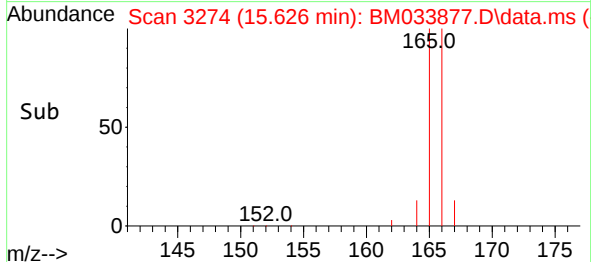
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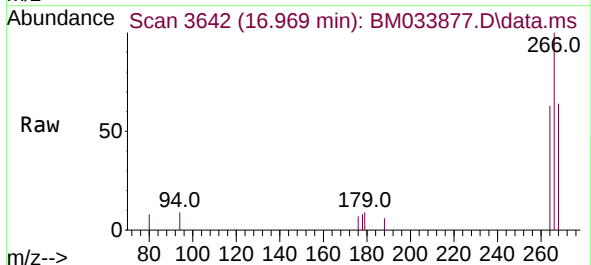
Tgt Ion:166 Resp: 394
Ion Ratio Lower Upper
166 100
165 101.1 81.1 121.7
167 16.1 14.9 22.3

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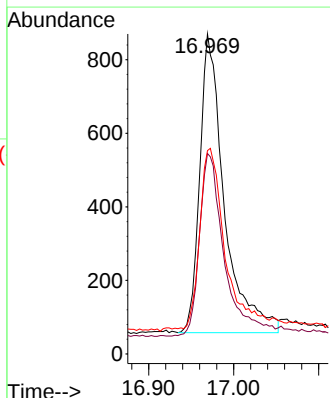
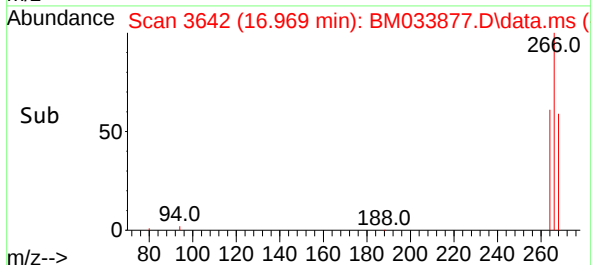
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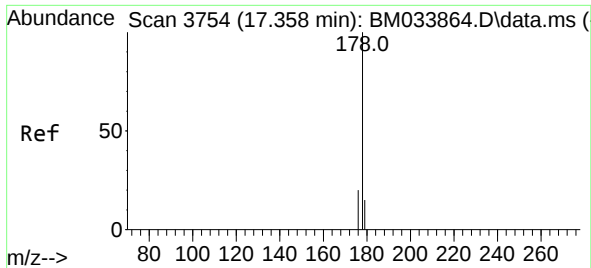


#14
Pentachlorophenol
Concen: 0.624 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11



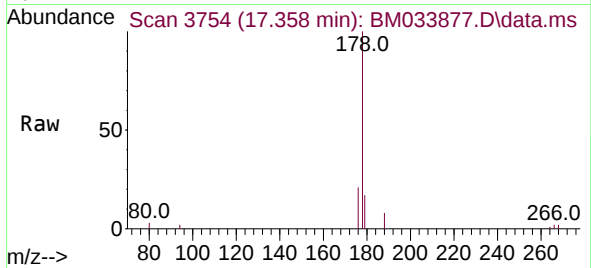
Tgt Ion:266 Resp: 1628
Ion Ratio Lower Upper
266 100
264 62.2 51.4 77.0
268 63.5 53.1 79.7





#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

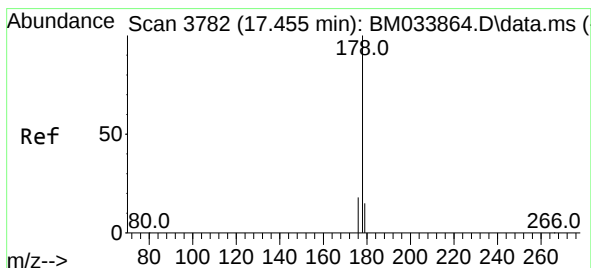
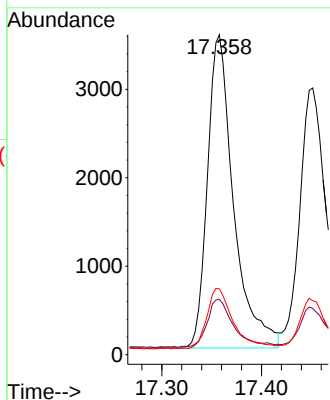
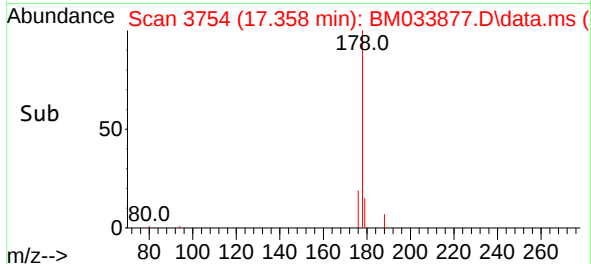
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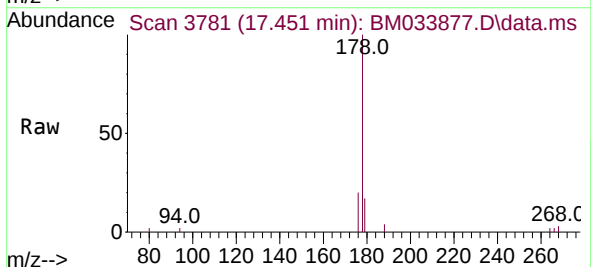
Tgt Ion:178 Resp: 646
Ion Ratio Lower Upper
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179 17.2 15.0 22.6
176 20.5 17.9 26.9

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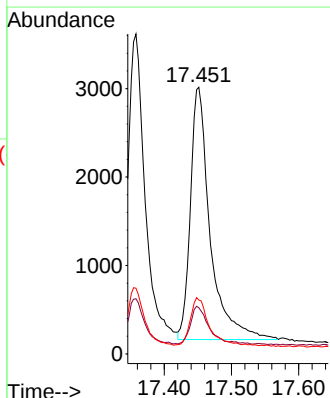
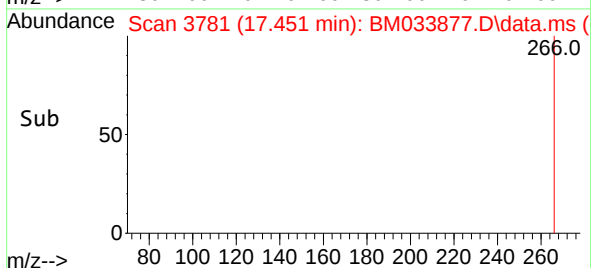
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

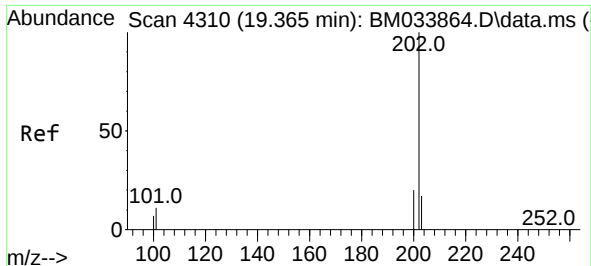


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11



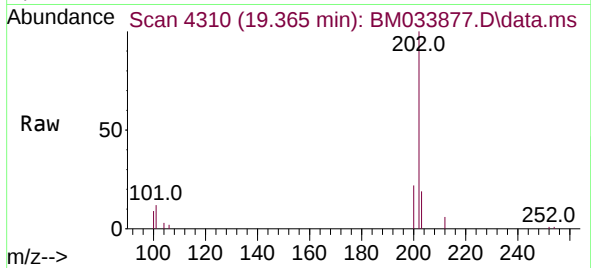
Tgt Ion:178 Resp: 5834
Ion Ratio Lower Upper
178 100
179 17.3 16.5 24.7
176 20.2 18.3 27.5





#19
Fluoranthene
Concen: 0.359 ng/u1
RT: 19.365 min Scan# 4310
Delta R.T. -0.004 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

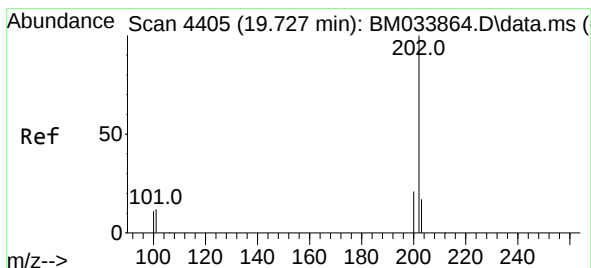
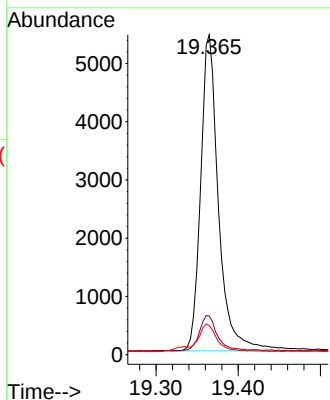
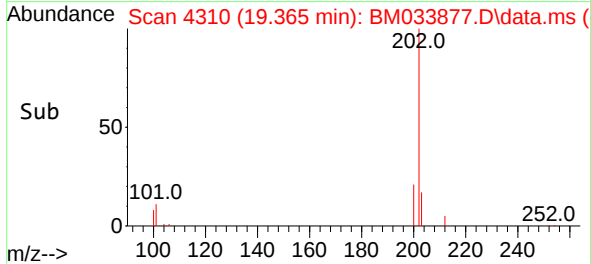
Instrument :
BNA_M
ClientSampleId :
SLCS263



Tgt Ion:202 Resp: 818
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.1 7.2 10.8

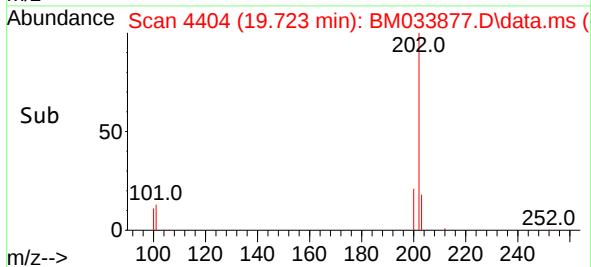
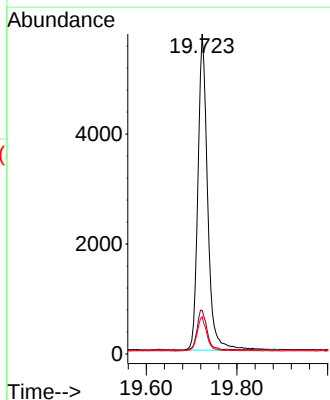
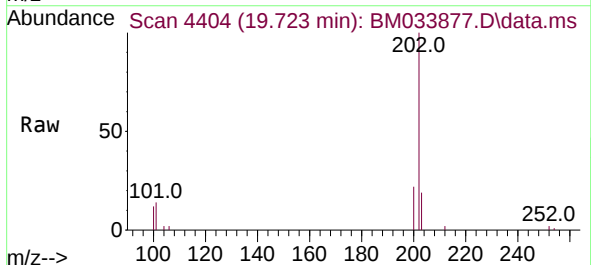
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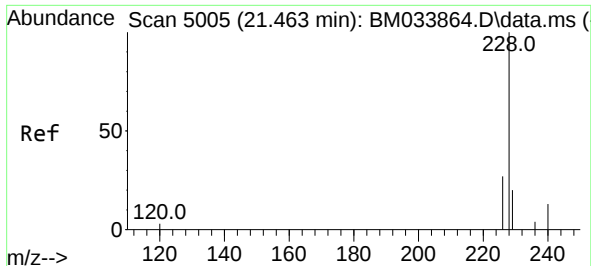
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#20
Pyrene
Concen: 0.367 ng/u1
RT: 19.723 min Scan# 4404
Delta R.T. -0.004 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

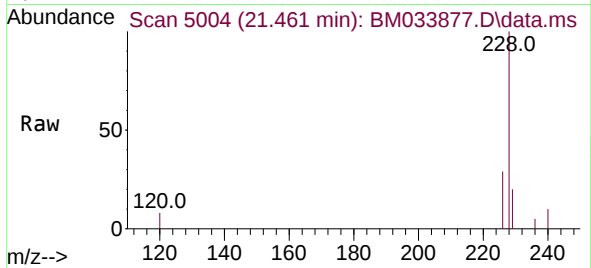
Tgt Ion:202 Resp: 8557
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 11.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.365 ng/u1
RT: 21.461 min Scan# 5004
Delta R.T. -0.007 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

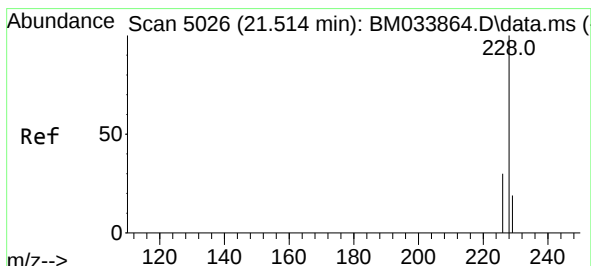
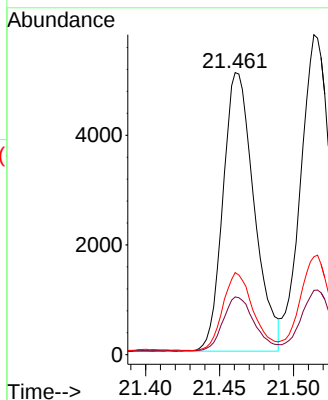
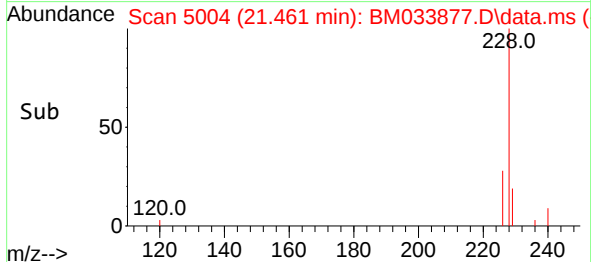
Instrument :
BNA_M
ClientSampleId :
SLCS263



Tgt Ion:228 Resp: 7440
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 29.1 23.2 34.8

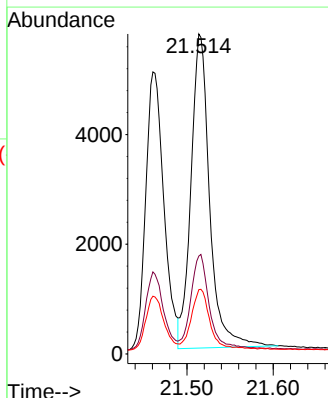
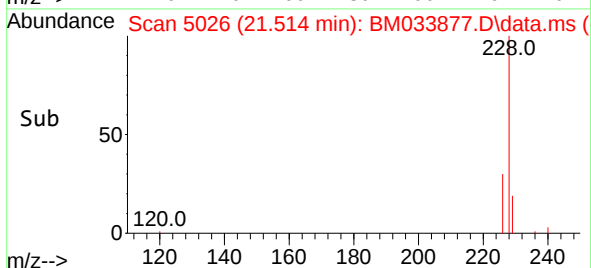
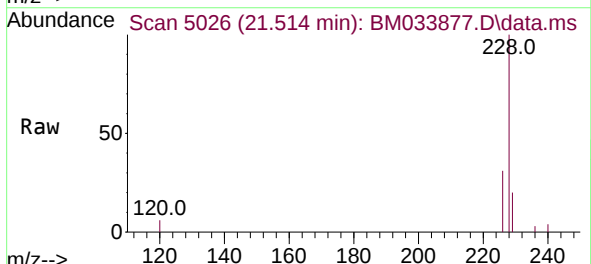
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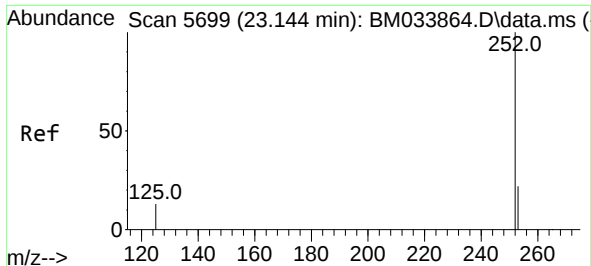
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#22
Chrysene
Concen: 0.399 ng/u1
RT: 21.514 min Scan# 5026
Delta R.T. -0.007 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

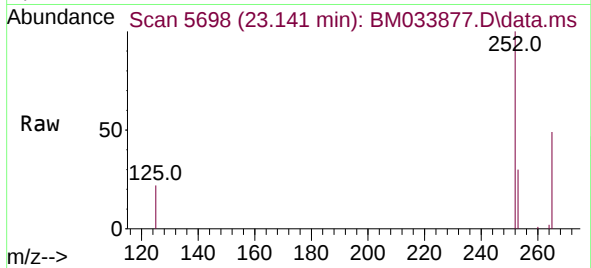
Tgt Ion:228 Resp: 8628
Ion Ratio Lower Upper
228 100
226 30.6 25.8 38.8
229 20.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.141 min Scan# 5698
Delta R.T. -0.010 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

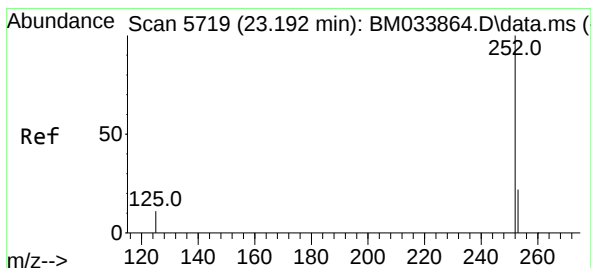
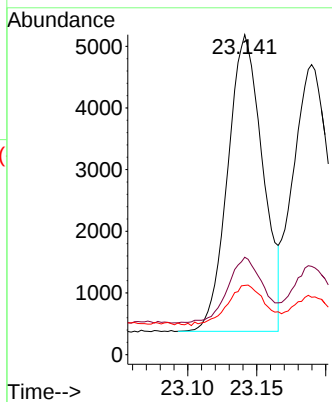
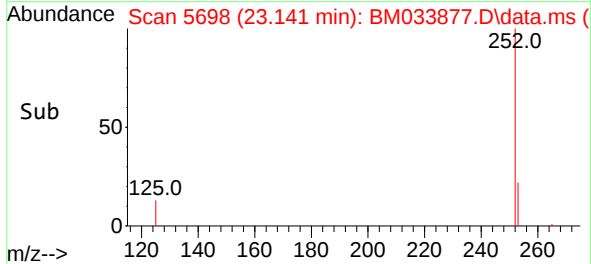
Instrument :
BNA_M
ClientSampleId :
SLCS263



Tgt Ion:252 Resp: 848
Ion Ratio Lower Upper
252 100
253 30.5 0.0 64.2
125 21.7 0.0 28.8

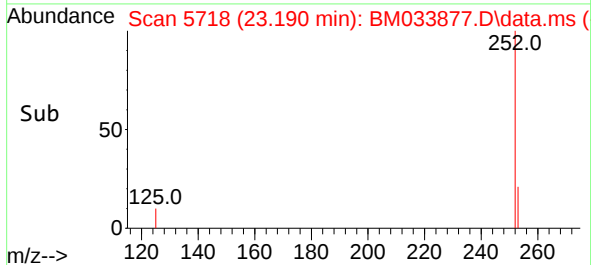
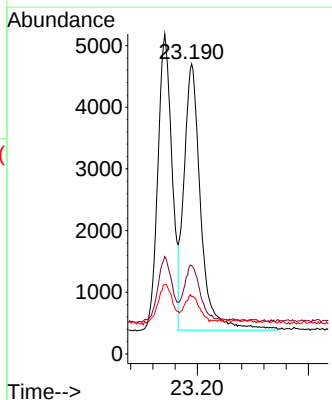
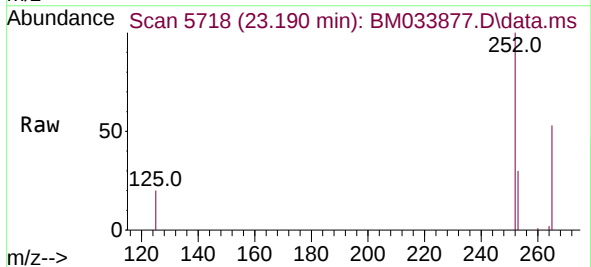
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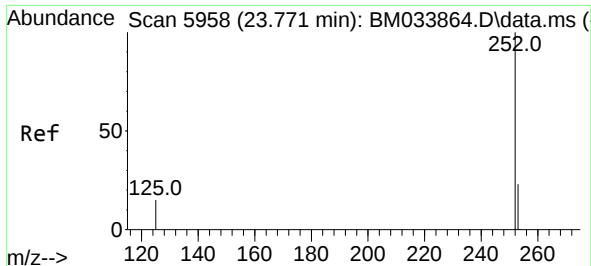
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul m
RT: 23.190 min Scan# 5718
Delta R.T. -0.010 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

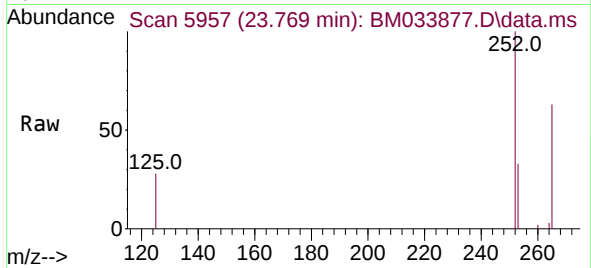
Tgt Ion:252 Resp: 9050
Ion Ratio Lower Upper
252 100
253 30.5 26.8 40.2
125 19.8 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.769 min Scan# 5958
Delta R.T. -0.010 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

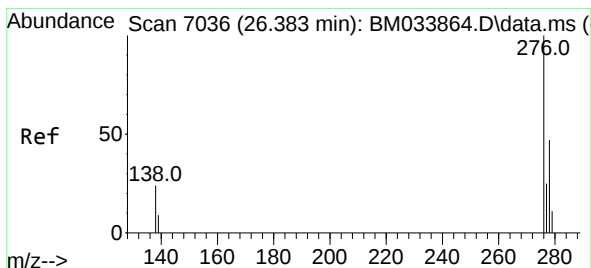
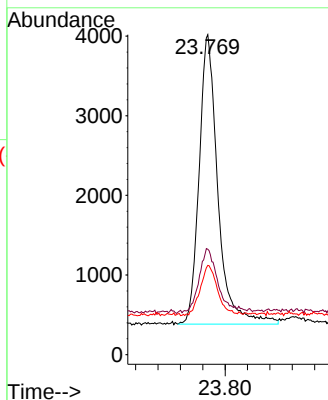
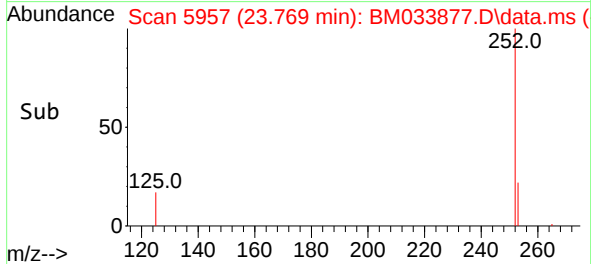
Instrument :
BNA_M
ClientSampleId :
SLCS263



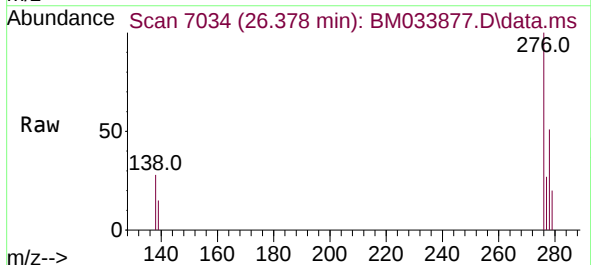
Tgt Ion:252 Resp: 844
Ion Ratio Lower Upper
252 100
253 33.0 32.0 48.0
125 27.9 14.5 21.7

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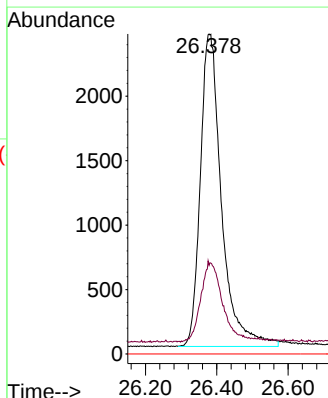
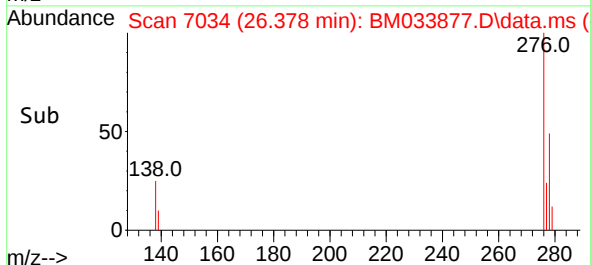
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

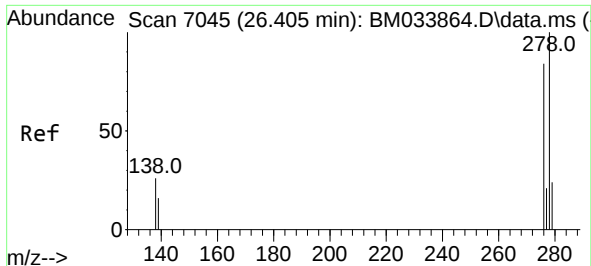


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.378 min Scan# 7034
Delta R.T. -0.017 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11



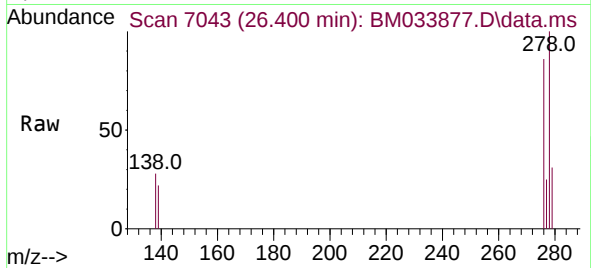
Tgt Ion:276 Resp: 9992
Ion Ratio Lower Upper
276 100
138 27.0 15.8 23.6#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.400 min Scan# 7045
Delta R.T. -0.012 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

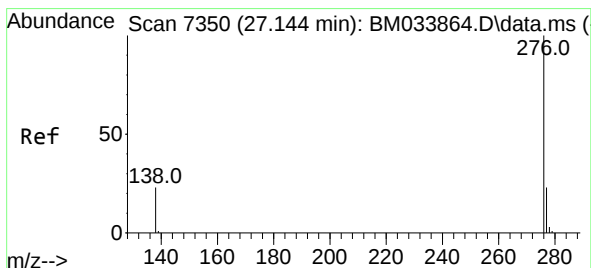
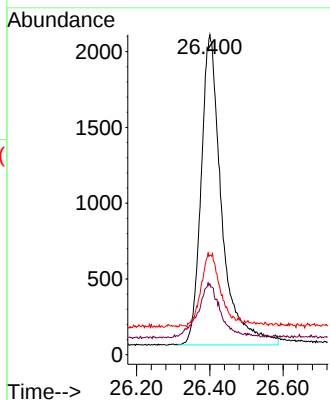
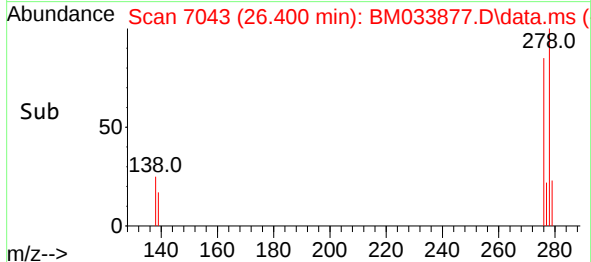
Instrument :
BNA_M
ClientSampleId :
SLCS263



Tgt Ion:278 Resp: 796
Ion Ratio Lower Upper
278 100
139 22.2 18.0 27.0
279 31.2 28.6 42.8

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Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.141 min Scan# 7349
Delta R.T. -0.022 min
Lab File: BM033877.D
Acq: 26 Jan 2022 19:11

Tgt Ion:276 Resp: 8814
Ion Ratio Lower Upper
276 100
138 25.5 17.4 26.0
277 25.6 22.6 33.8

