

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034637.D
 Acq On : 13 Apr 2022 01:21
 Operator : CG/JU
 Sample : N2319-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YB2J1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:11:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	1453	0.400	ng/ul	0.00
4) Naphthalene-d8	10.709	136	4792	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.533	164	2516	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	3911	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	3707	0.400	ng/ul #	0.00
23) Perylene-d12	23.843	264	2941	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4209	1.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	2401	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.302	212	5460	0.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	2198m	0.881	ng/ul	
5) Naphthalene	10.759	128	5032	0.363	ng/ul	96
7) 2-Methylnaphthalene	12.381	142	2881	0.348	ng/ul	97
8) 1-Methylnaphthalene	12.584	142	3040	0.363	ng/ul	99
10) Acenaphthylene	14.255	152	4822	0.408	ng/ul	93
11) Acenaphthene	14.593	153	3427	0.363	ng/ul	96
12) Fluorene	15.587	166	3689	0.380	ng/ul	97
14) Pentachlorophenol	16.937	266	1235	0.814	ng/ul	98
15) Phenanthrene	17.321	178	5470	0.433	ng/ul	99
16) Anthracene	17.422	178	2639	0.273	ng/ul	93
19) Fluoranthene	19.330	202	7145	0.466	ng/ul	96
20) Pyrene	19.693	202	8330	0.460	ng/ul#	93
21) Benzo(a)anthracene	21.447	228	2983m	0.385	ng/ul	
22) Chrysene	21.490	228	4493	0.459	ng/ul	98
24) Benzo(b)fluoranthene	23.112	252	4556m	0.472	ng/ul	
25) Benzo(k)fluoranthene	23.159	252	4537	0.469	ng/ul#	83
26) Benzo(a)pyrene	23.732	252	5450	0.491	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.325	276	6739	0.458	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.366	278	5029	0.471	ng/ul#	65
29) Benzo(g,h,i)perylene	27.077	276	7701	0.480	ng/ul	96

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

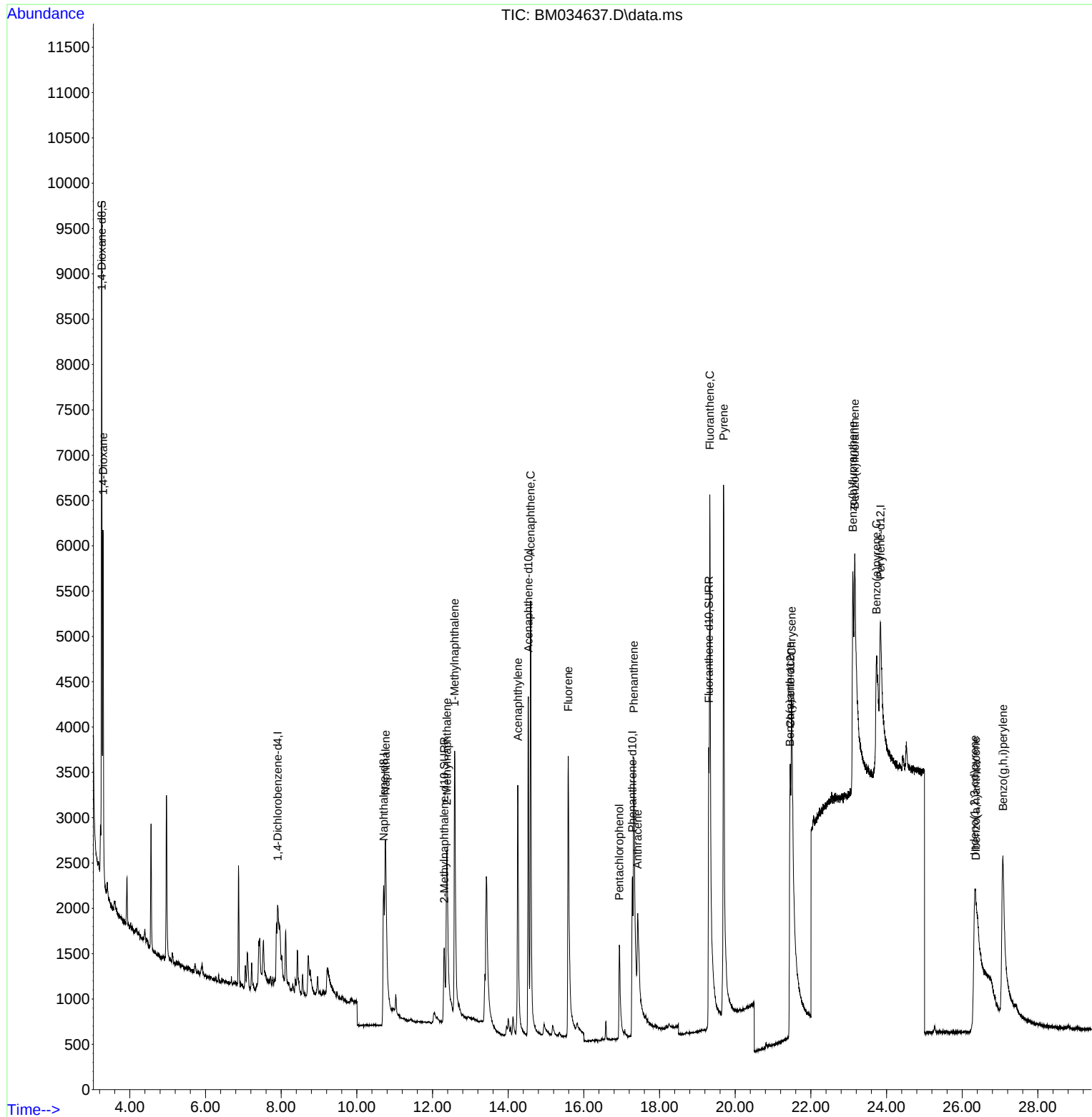
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034637.D
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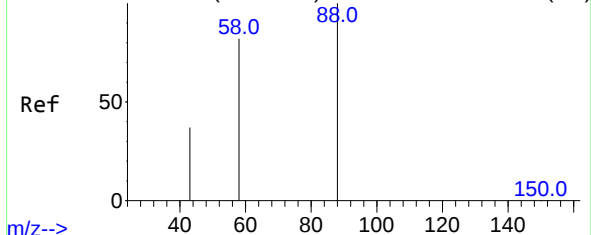
Quant Time: Apr 13 05:11:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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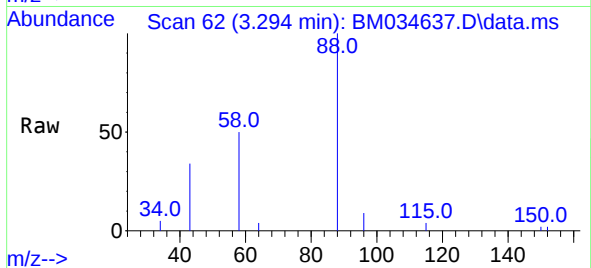


Abundance Scan 62 (3.294 min): BM034630.D\data.ms (-56)



#2
1,4-Dioxane
Concen: 0.881 ng/ul m
RT: 3.294 min Scan# 61
Delta R.T. 0.004 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

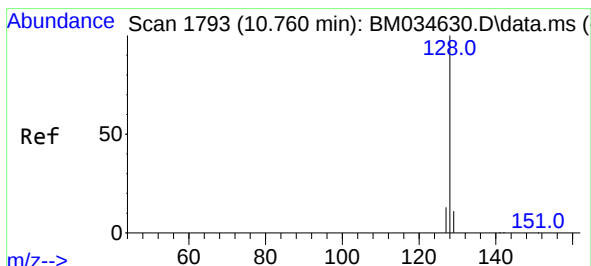
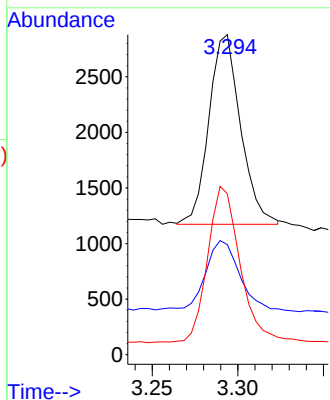
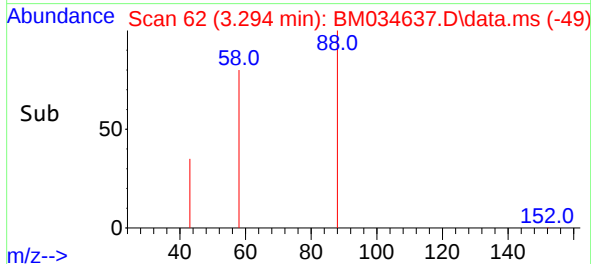
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



Tgt Ion: 88 Resp: 2198
Ion Ratio Lower Upper
88 100
43 34.4 49.7 74.5
58 50.3 52.5 78.7

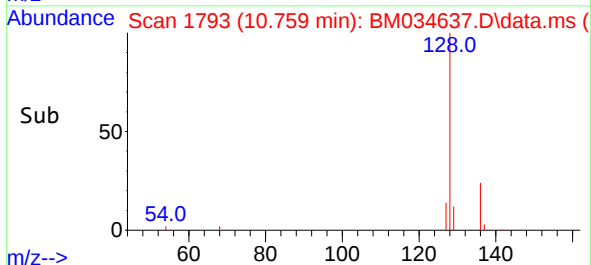
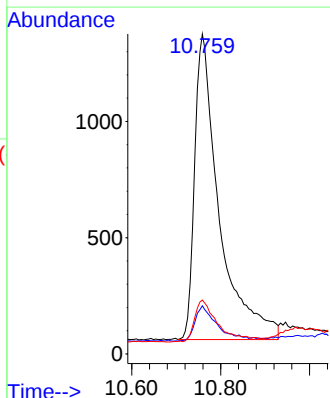
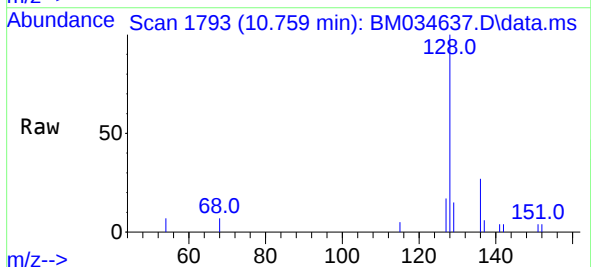
Manual Integrations
APPROVED

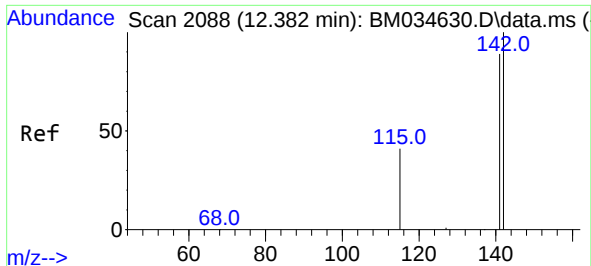
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.759 min Scan# 1793
Delta R.T. 0.004 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

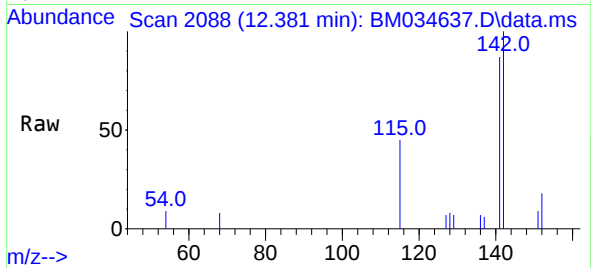
Tgt Ion:128 Resp: 5032
Ion Ratio Lower Upper
128 100
129 15.0 13.4 20.2
127 16.9 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.381 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

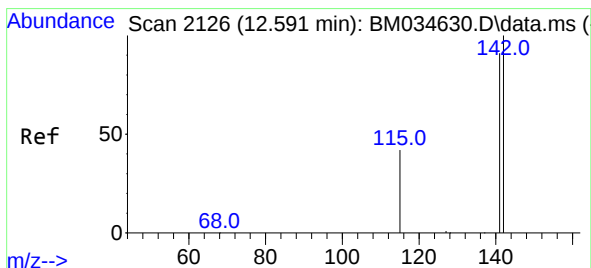
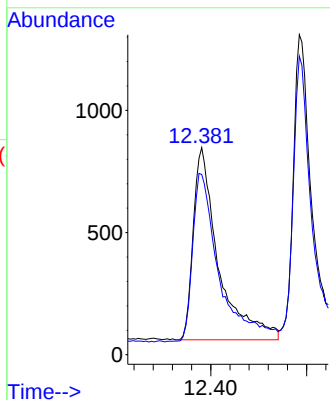
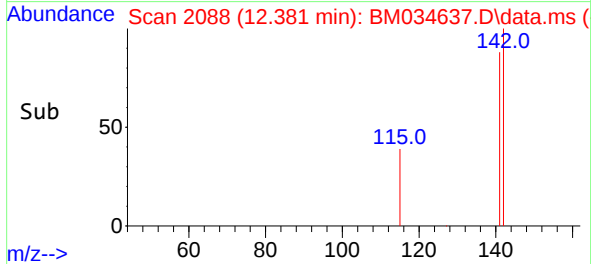
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



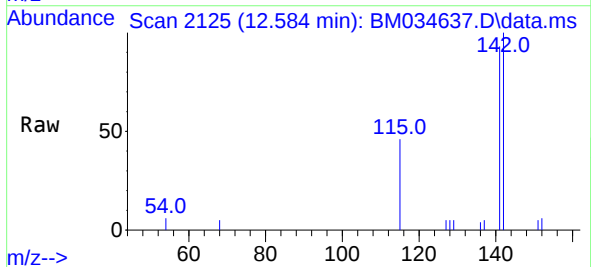
Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
141 92.6 71.8 107.6

Manual Integrations
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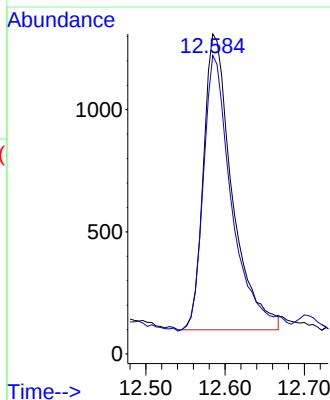
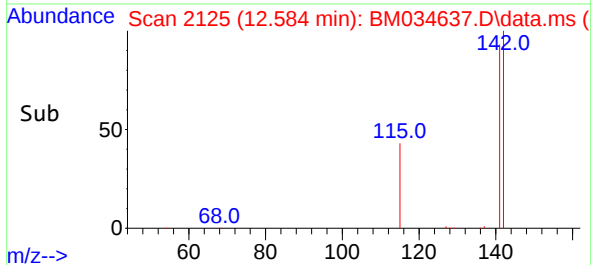
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

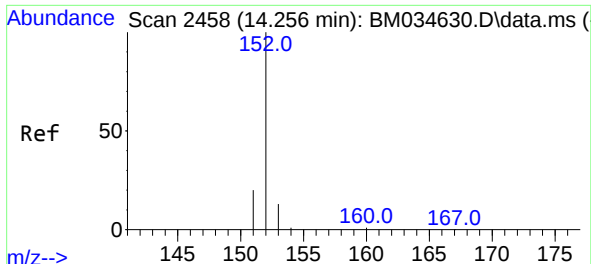


#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.584 min Scan# 2125
Delta R.T. -0.007 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



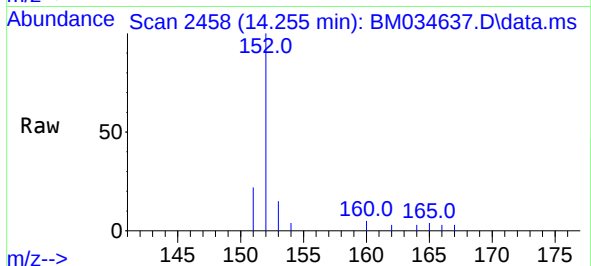
Tgt Ion:142 Resp: 3040
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4





#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 14.255 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

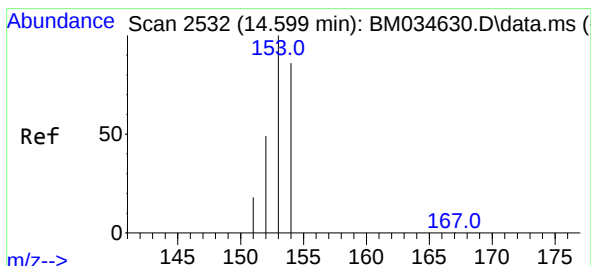
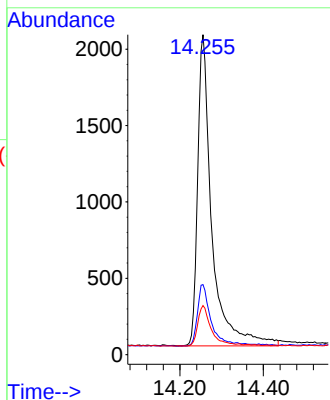
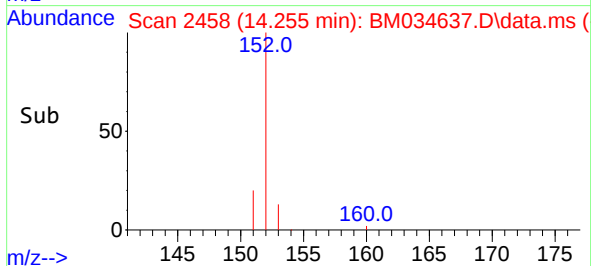
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



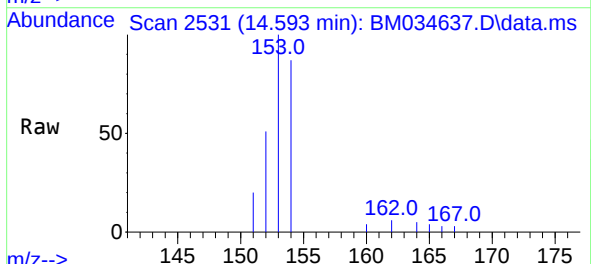
Tgt Ion:152 Resp: 482
Ion Ratio Lower Upper
152 100
151 21.9 19.9 29.9
153 15.4 15.0 22.4

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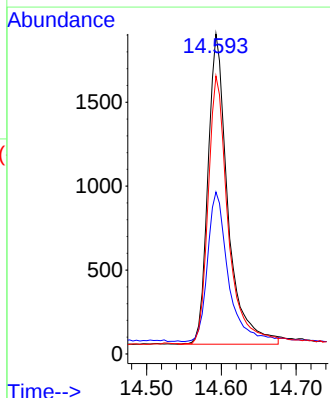
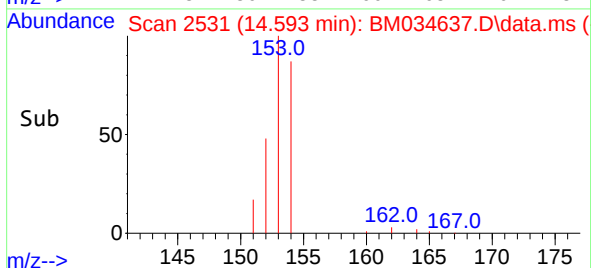
Reviewed By :Jagrut Upadhyay 04/13/2022
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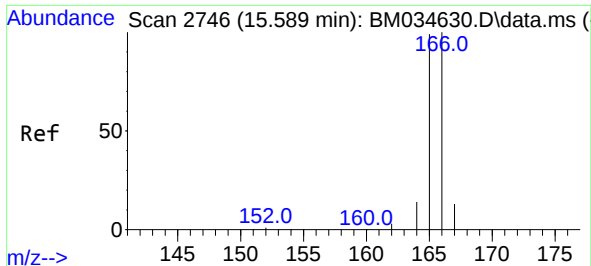


#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.593 min Scan# 2531
Delta R.T. -0.001 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



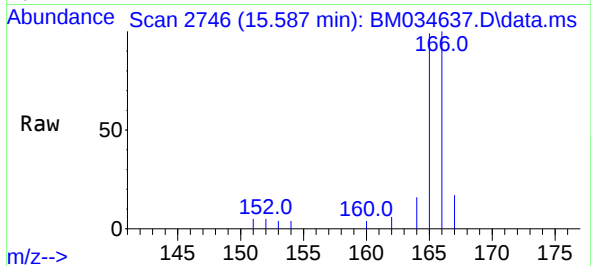
Tgt Ion:153 Resp: 3427
Ion Ratio Lower Upper
153 100
152 50.6 42.4 63.6
154 86.8 66.2 99.2





#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

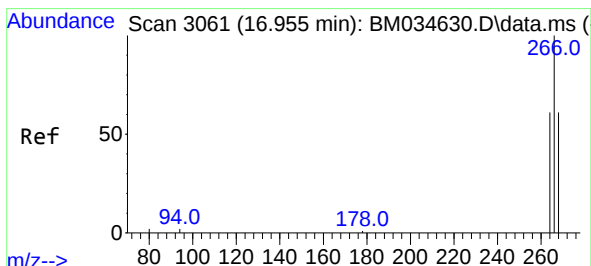
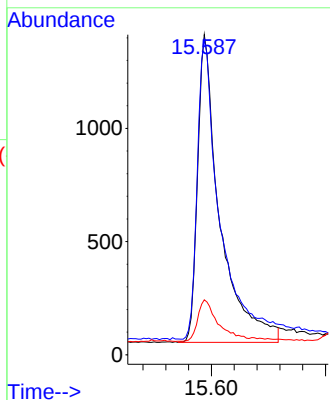
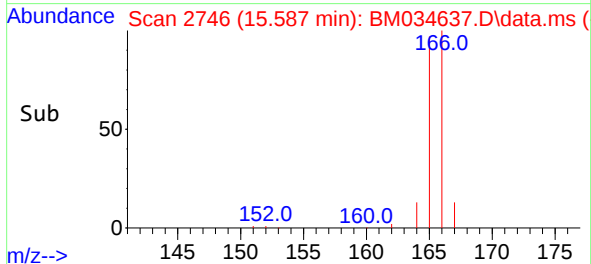
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



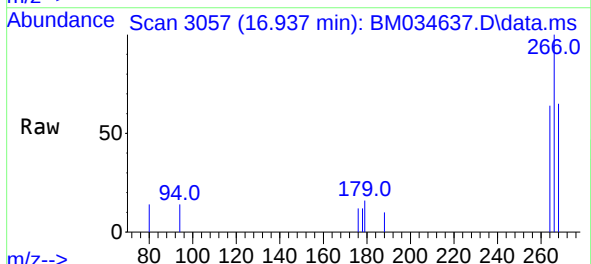
Tgt Ion:166 Resp: 368
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 17.2 14.9 22.3

Manual Integrations
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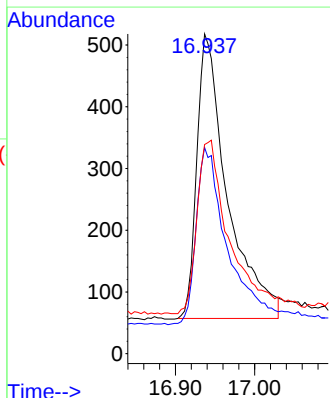
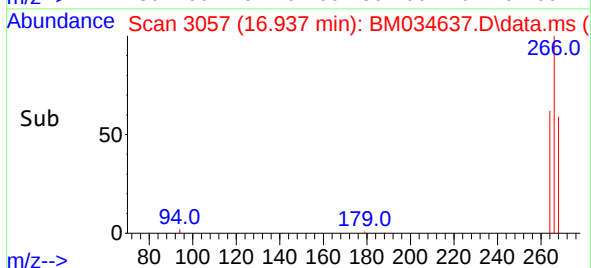
Reviewed By :Jagrut Upadhyay 04/13/2022
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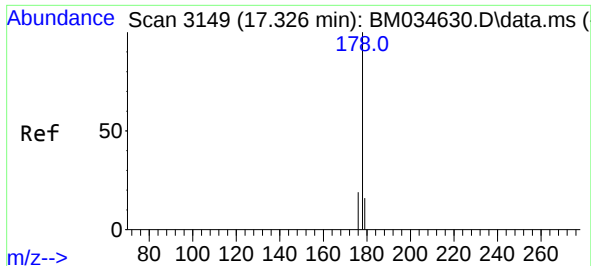


#14
Pentachlorophenol
Concen: 0.814 ng/ul
RT: 16.937 min Scan# 3057
Delta R.T. -0.010 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



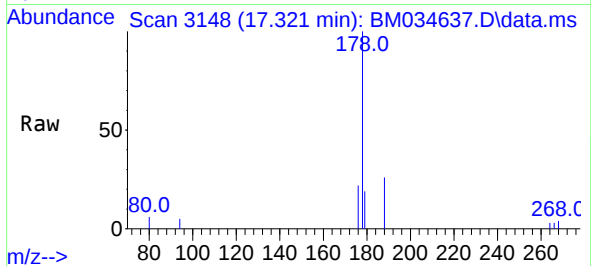
Tgt Ion:266 Resp: 1235
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 64.1 53.1 79.7





#15
Phenanthrene
Concen: 0.433 ng/u1
RT: 17.321 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

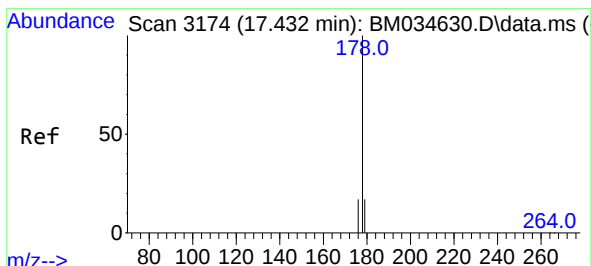
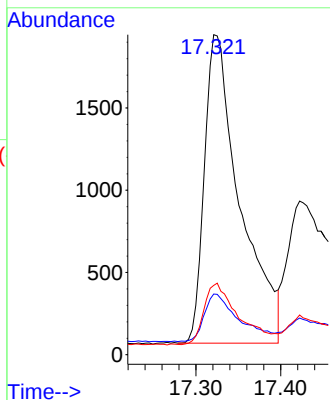
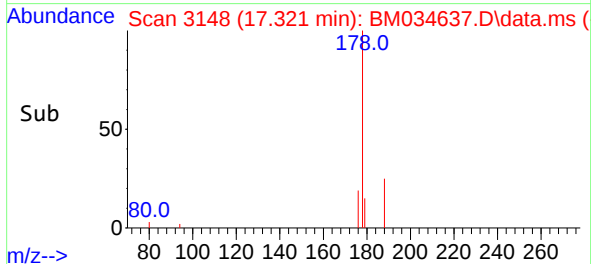
Instrument :
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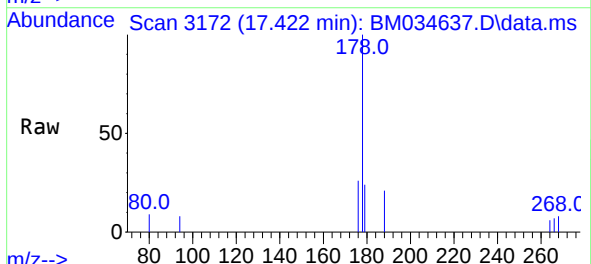
Tgt Ion:178 Resp: 5470
Ion Ratio Lower Upper
178 100
179 19.0 15.0 22.6
176 21.7 17.9 26.9

Manual Integrations
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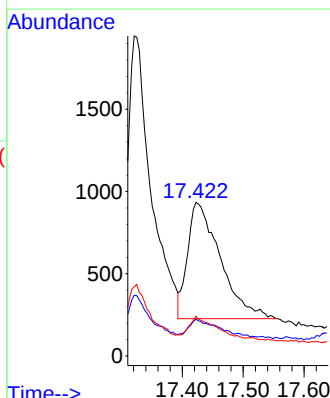
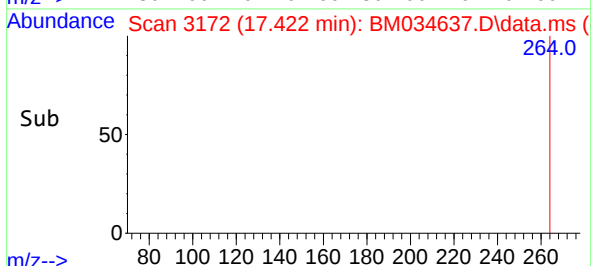
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

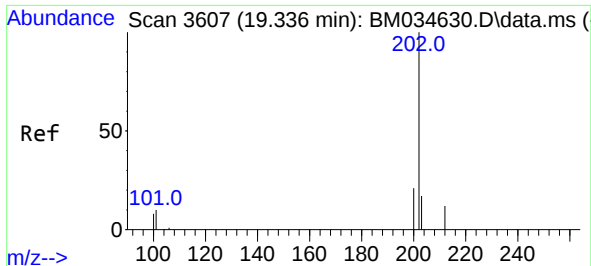


#16
Anthracene
Concen: 0.273 ng/u1
RT: 17.422 min Scan# 3172
Delta R.T. -0.001 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



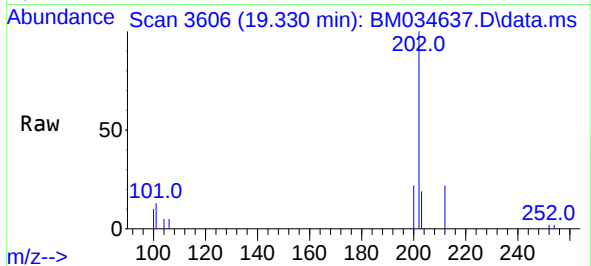
Tgt Ion:178 Resp: 2639
Ion Ratio Lower Upper
178 100
179 23.9 16.5 24.7
176 25.9 18.3 27.5





#19
Fluoranthene
Concen: 0.466 ng/u1
RT: 19.330 min Scan# 3607
Delta R.T. -0.006 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

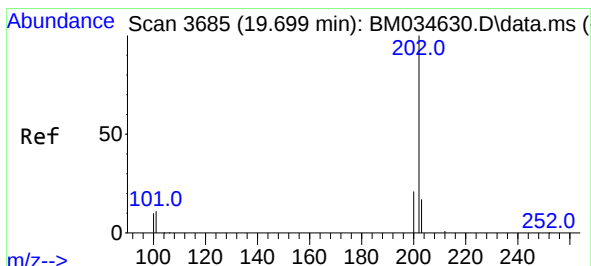
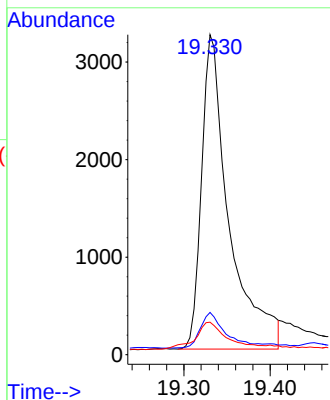
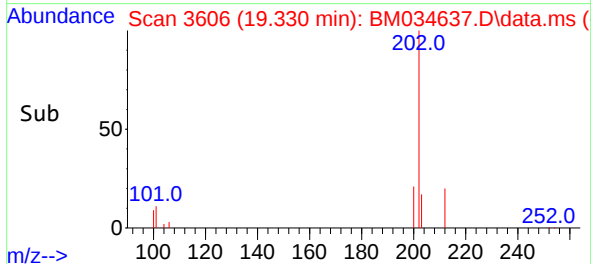
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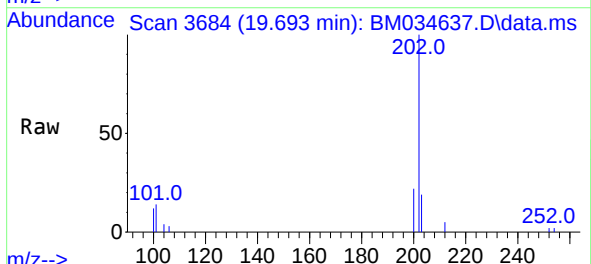
Tgt Ion:202 Resp: 7145
Ion Ratio Lower Upper
202 100
101 13.2 9.2 13.8
100 10.1 7.2 10.8

Manual Integrations
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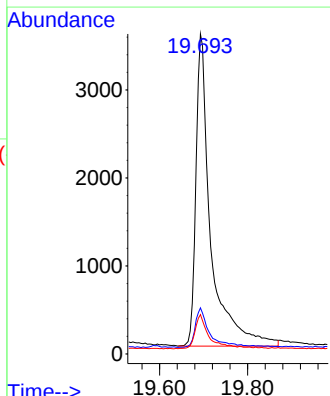
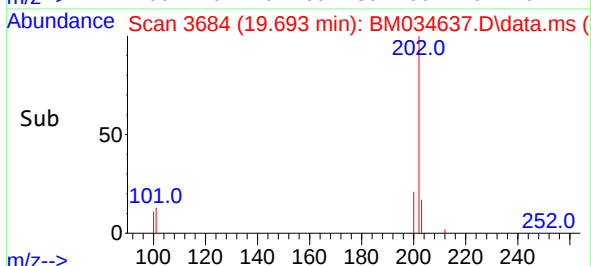
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

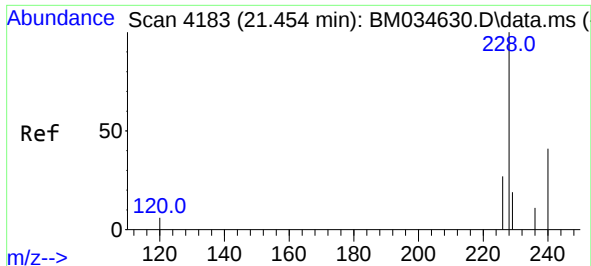


#20
Pyrene
Concen: 0.460 ng/u1
RT: 19.693 min Scan# 3684
Delta R.T. -0.006 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



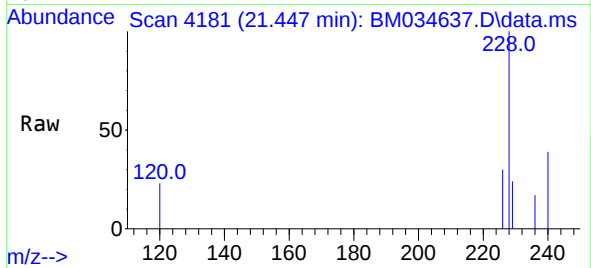
Tgt Ion:202 Resp: 8330
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 12.3 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.385 ng/ul m
RT: 21.447 min Scan# 4183
Delta R.T. -0.007 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

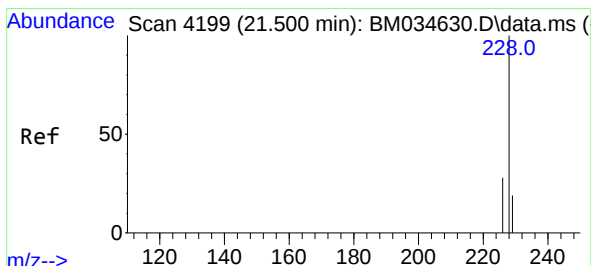
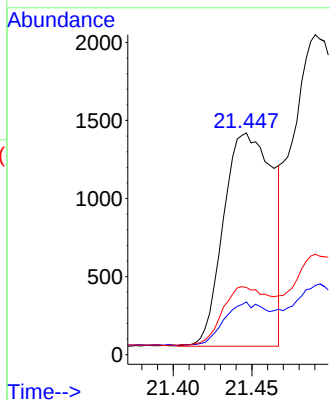
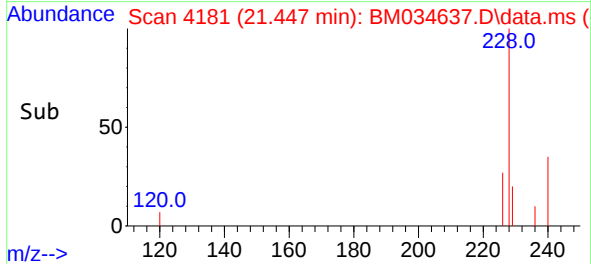
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



Tgt Ion:228 Resp: 2983
Ion Ratio Lower Upper
228 100
229 23.8 17.3 25.9
226 30.3 23.2 34.8

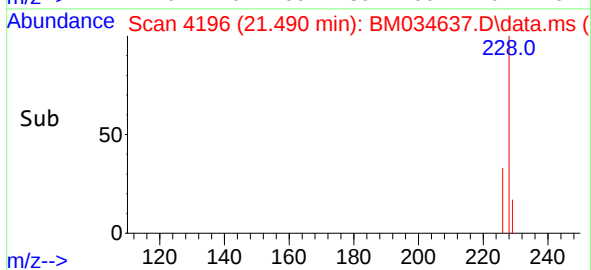
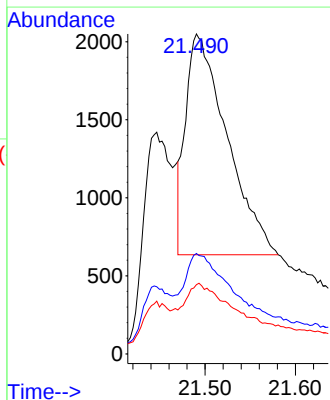
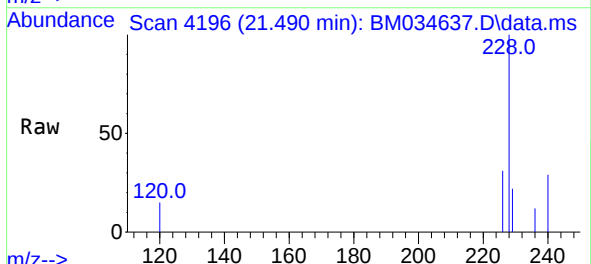
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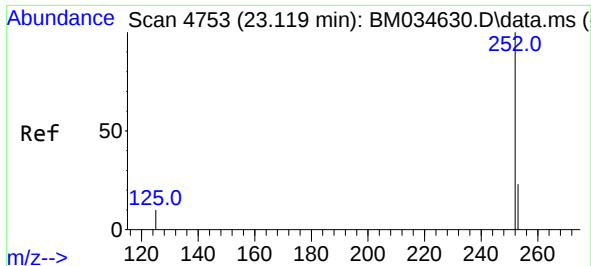
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.490 min Scan# 4196
Delta R.T. -0.013 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

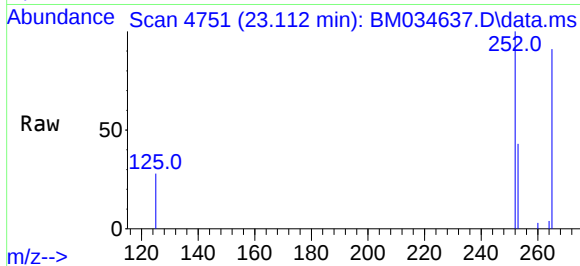
Tgt Ion:228 Resp: 4493
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 21.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.472 ng/ul m
RT: 23.112 min Scan# 4751
Delta R.T. -0.007 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

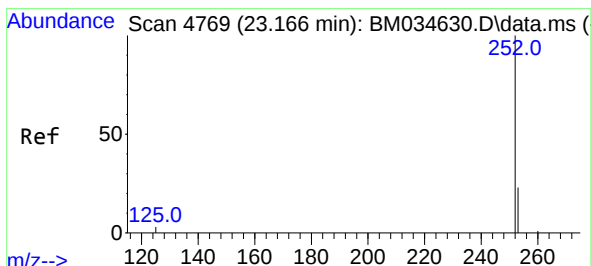
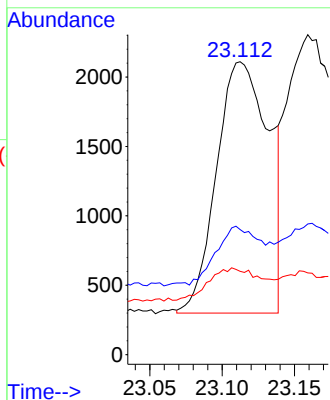
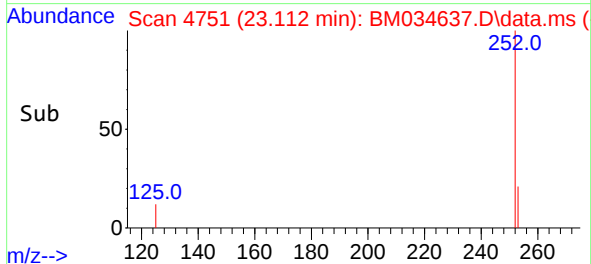
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



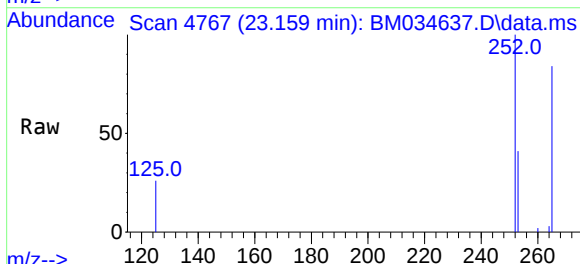
Tgt Ion:252 Resp: 4550
Ion Ratio Lower Upper
252 100
253 42.7 0.0 64.2
125 28.5 0.0 28.8

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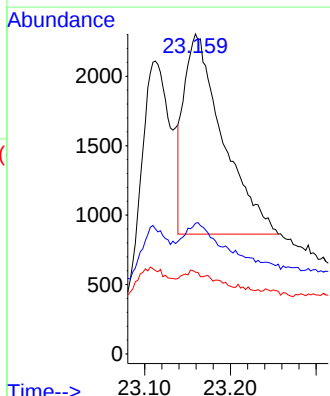
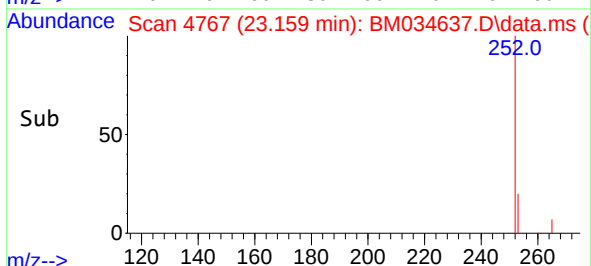
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

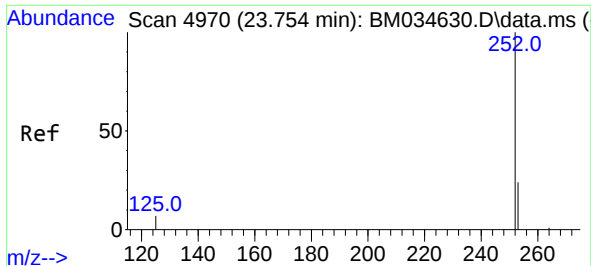


#25
Benzo(k)fluoranthene
Concen: 0.469 ng/ul
RT: 23.159 min Scan# 4767
Delta R.T. -0.010 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



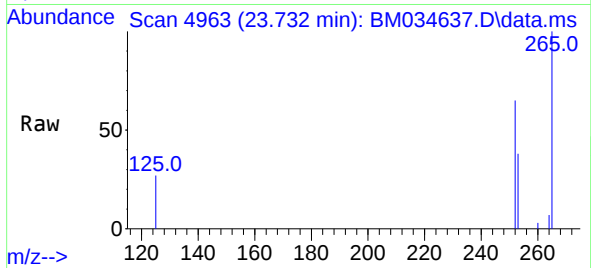
Tgt Ion:252 Resp: 4537
Ion Ratio Lower Upper
252 100
253 40.9 26.8 40.2#
125 25.6 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.491 ng/ul
RT: 23.732 min Scan# 4963
Delta R.T. -0.022 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

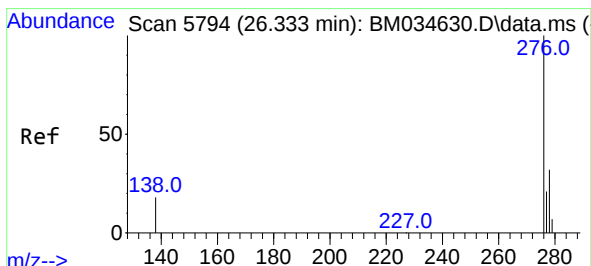
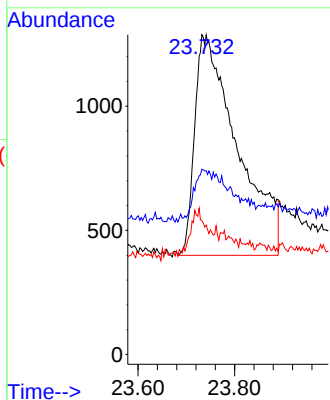
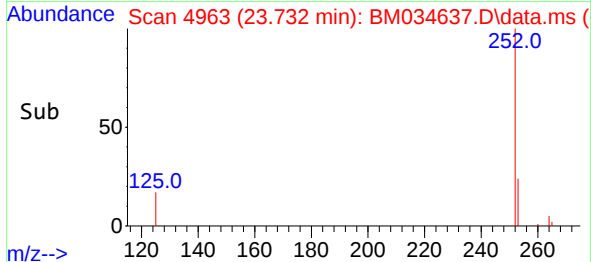
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



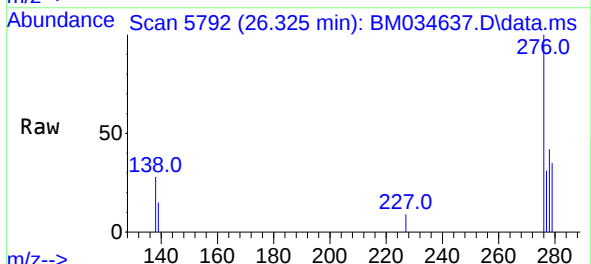
Tgt Ion:252 Resp: 5450
Ion Ratio Lower Upper
252 100
253 57.9 32.0 48.0
125 41.9 14.5 21.7

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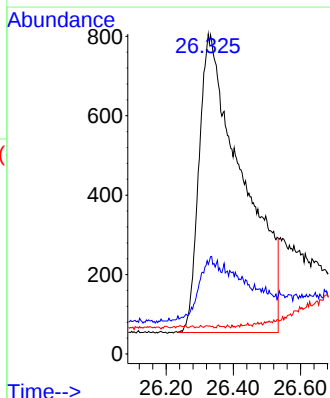
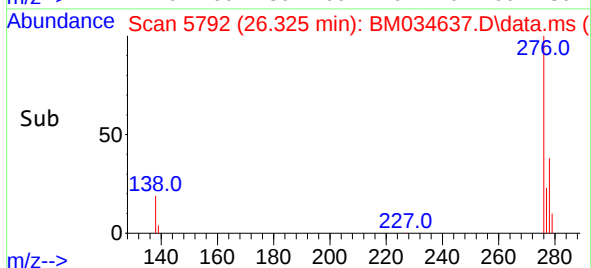
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

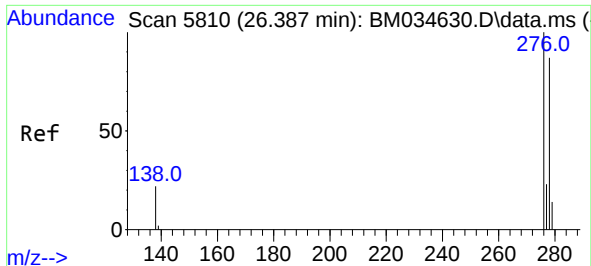


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 26.325 min Scan# 5792
Delta R.T. -0.021 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



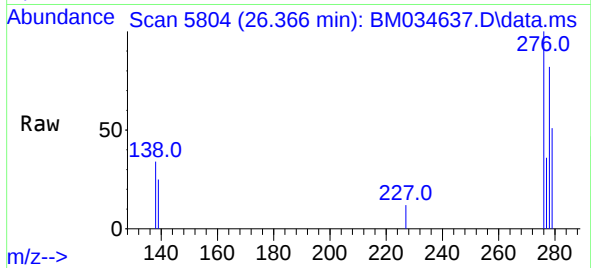
Tgt Ion:276 Resp: 6739
Ion Ratio Lower Upper
276 100
138 21.9 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.471 ng/ul
RT: 26.366 min Scan# 5810
Delta R.T. -0.021 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21

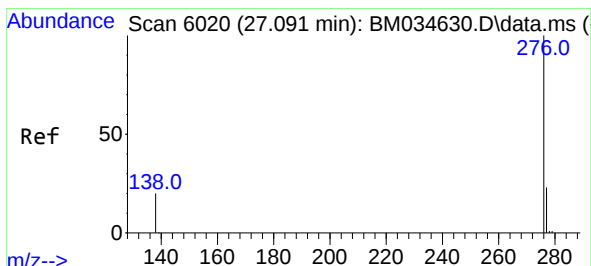
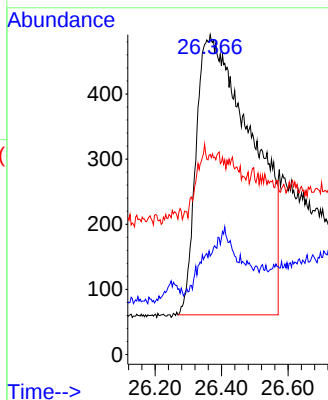
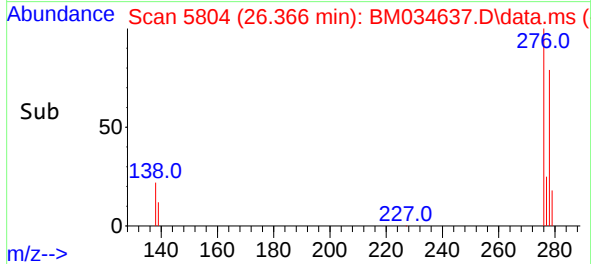
Instrument :
BNA_M
ClientSampleId :
YB2J1MSD



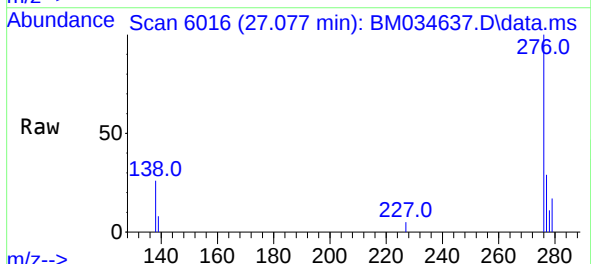
Tgt Ion:278 Resp: 5029
Ion Ratio Lower Upper
278 100
139 30.8 18.0 27.0
279 62.5 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 27.077 min Scan# 6016
Delta R.T. -0.018 min
Lab File: BM034637.D
Acq: 13 Apr 2022 01:21



Tgt Ion:276 Resp: 7701
Ion Ratio Lower Upper
276 100
138 26.0 17.4 26.0
277 28.7 22.6 33.8

