

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034647.D
 Acq On : 13 Apr 2022 07:23
 Operator : CG/JU
 Sample : PB143977BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS977

Manual Integrations
 APPROVED

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

Quant Time: Apr 13 08:33:12 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	7.922	152	1139	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	4109	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.534	164	1935	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	2902	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	2951	0.400	ng/ul	# 0.00
23) Perylene-d12	23.844	264	2379	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2046	1.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	2197	0.403	ng/ul	0.02
18) Fluoranthene-d10	19.308	212	3911	0.456	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	5103	2.610	ng/ul#	80
5) Naphthalene	10.771	128	4568	0.384	ng/ul	96
7) 2-Methylnaphthalene	12.399	142	2559	0.361	ng/ul	98
8) 1-Methylnaphthalene	12.591	142	2617	0.365	ng/ul	96
10) Acenaphthylene	14.256	152	4399	0.484	ng/ul	94
11) Acenaphthene	14.594	153	3246	0.447	ng/ul	98
12) Fluorene	15.593	166	3150	0.421	ng/ul	99
14) Pentachlorophenol	16.951	266	868	0.771	ng/ul	94
15) Phenanthrene	17.326	178	4063	0.433	ng/ul	97
16) Anthracene	17.440	178	2682	0.374	ng/ul	96
19) Fluoranthene	19.341	202	4903	0.402	ng/ul#	96
20) Pyrene	19.699	202	6352	0.441	ng/ul#	93
21) Benzo(a)anthracene	21.459	228	2047m	0.332	ng/ul	
22) Chrysene	21.500	228	3281	0.421	ng/ul	97
24) Benzo(b)fluoranthene	23.116	252	3301m	0.422	ng/ul	
25) Benzo(k)fluoranthene	23.166	252	3242	0.414	ng/ul#	79
26) Benzo(a)pyrene	23.757	252	4420	0.492	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.340	276	5370	0.451	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.434	278	3981	0.461	ng/ul#	55
29) Benzo(g,h,i)perylene	27.088	276	6295	0.485	ng/ul#	94

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

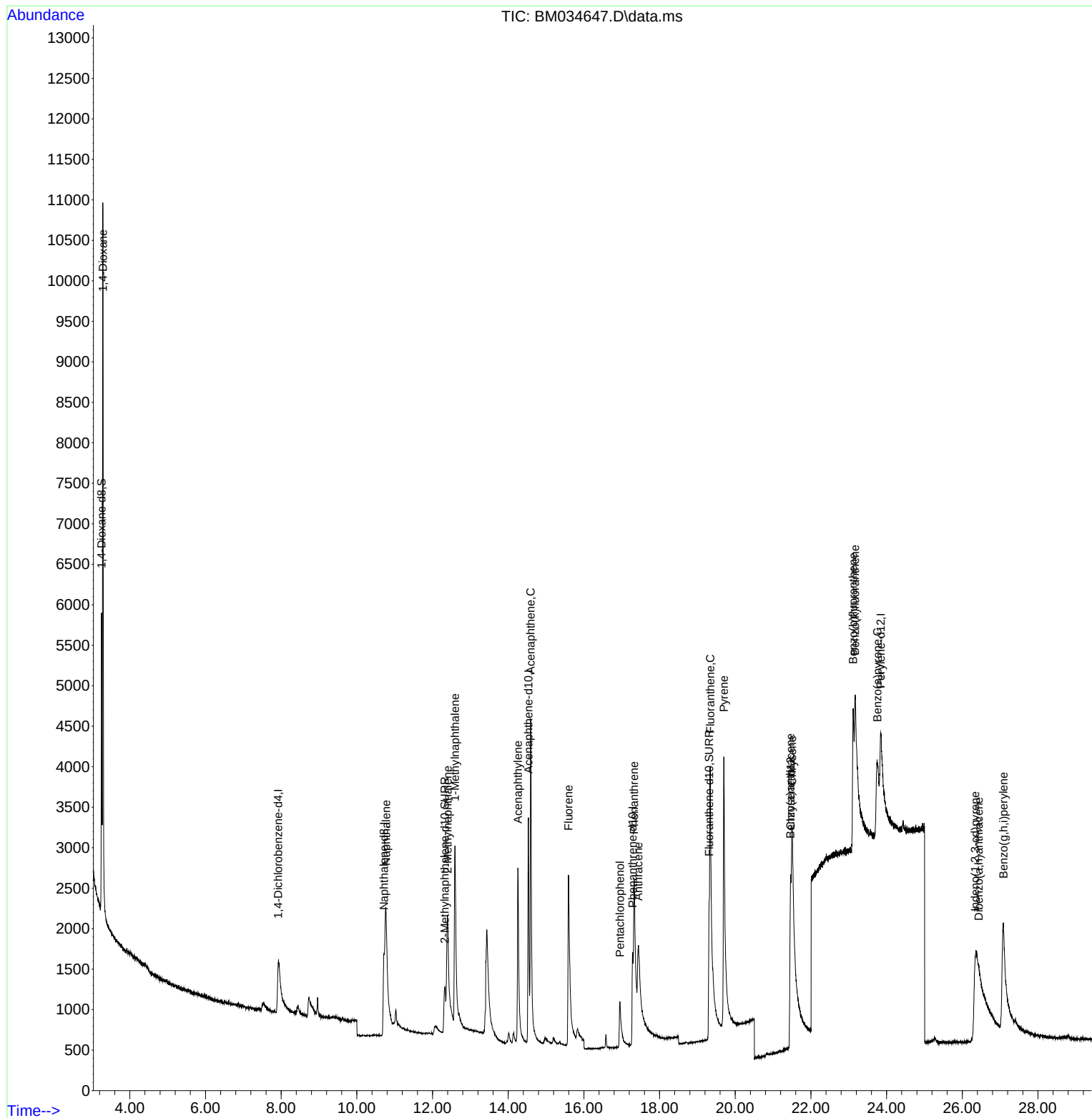
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034647.D
Acq On : 13 Apr 2022 07:23
Operator : CG/JU
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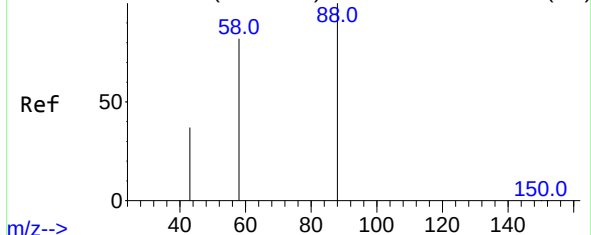
Quant Time: Apr 13 08:33:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
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Supervised By :Yogesh Patel 04/14/2022

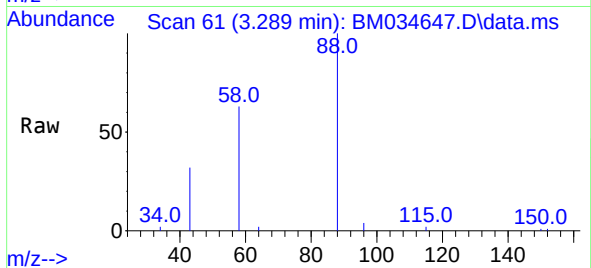


Abundance Scan 62 (3.294 min): BM034630.D\data.ms (-56)



#2
1,4-Dioxane
Concen: 2.610 ng/ul
RT: 3.289 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

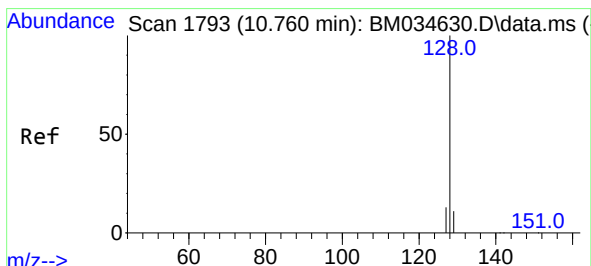
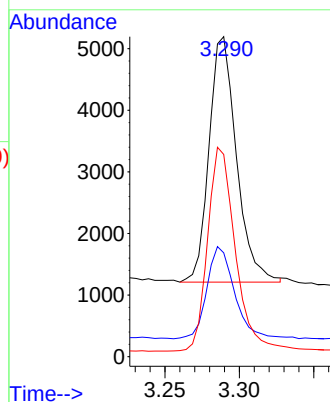
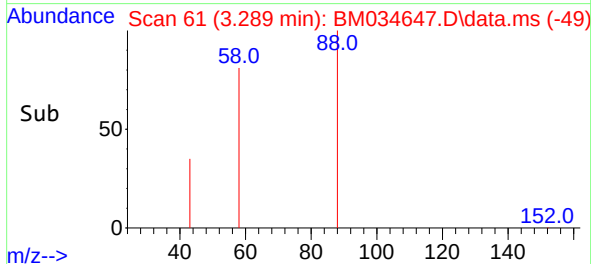
Instrument :
BNA_M
ClientSampleId :
SLCS977



Tgt Ion: 88 Resp: 510
Ion Ratio Lower Upper
88 100
43 32.5 49.7 74.5
58 63.2 52.5 78.7

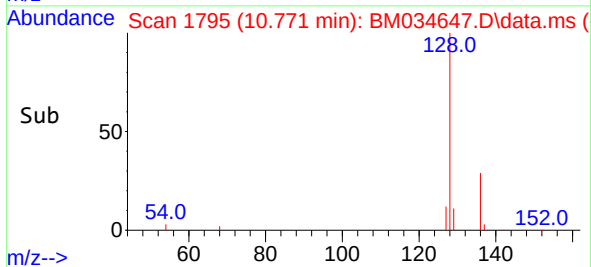
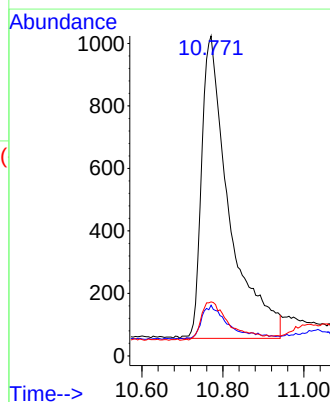
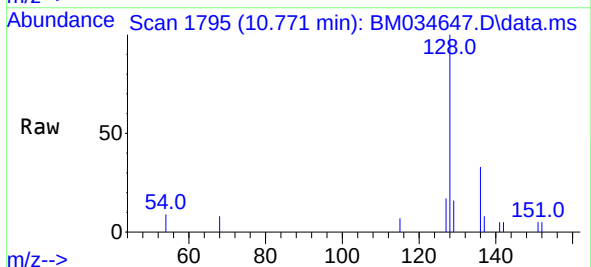
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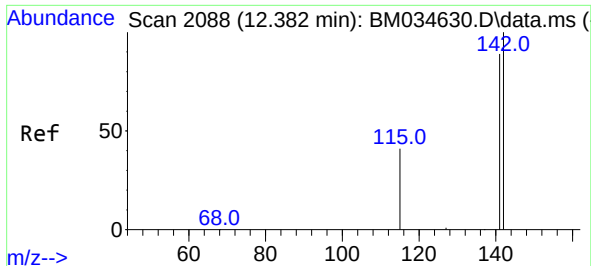
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.771 min Scan# 1795
Delta R.T. 0.016 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

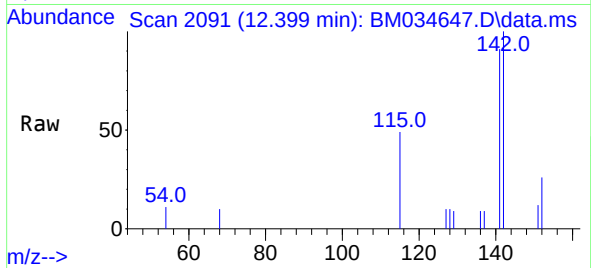
Tgt Ion:128 Resp: 4568
Ion Ratio Lower Upper
128 100
129 15.8 13.4 20.2
127 16.9 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.399 min Scan# 2088
Delta R.T. 0.016 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

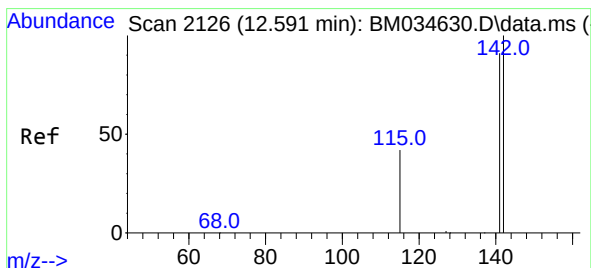
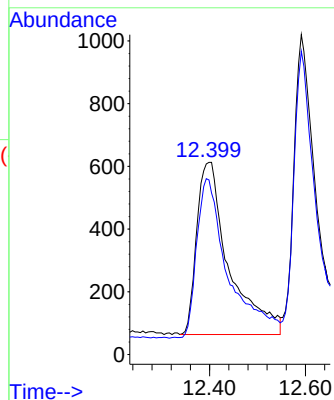
Instrument :
BNA_M
ClientSampleId :
SLCS977



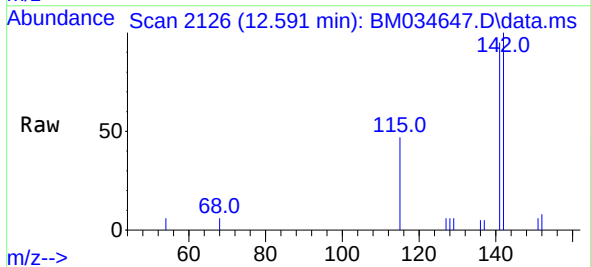
Tgt Ion:142 Resp: 2559
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.6

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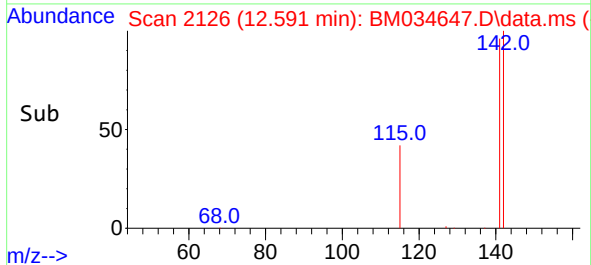
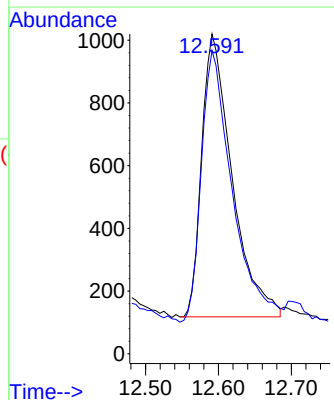
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

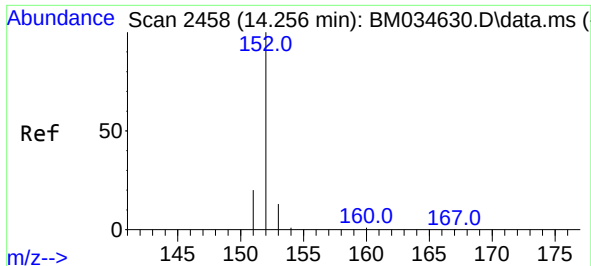


#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



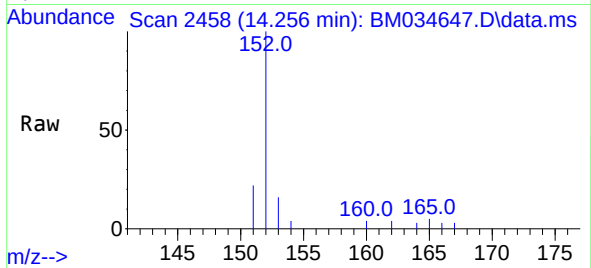
Tgt Ion:142 Resp: 2617
Ion Ratio Lower Upper
142 100
141 97.9 75.0 112.4





#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 14.256 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

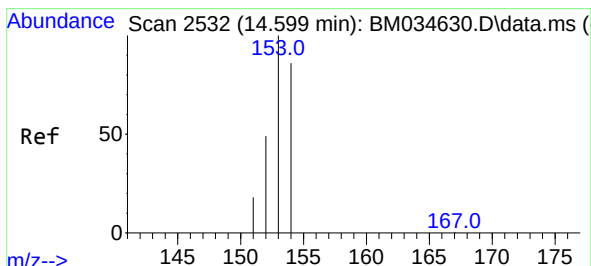
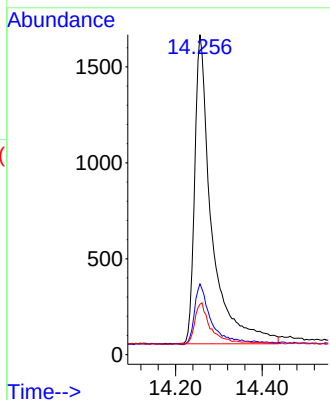
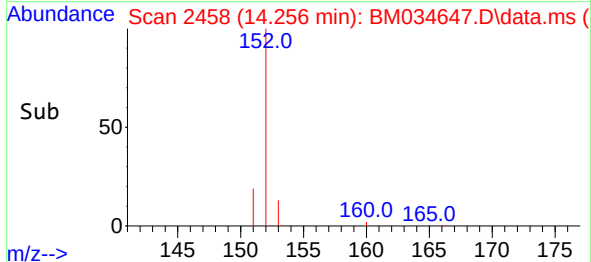
Instrument :
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ClientSampleId :
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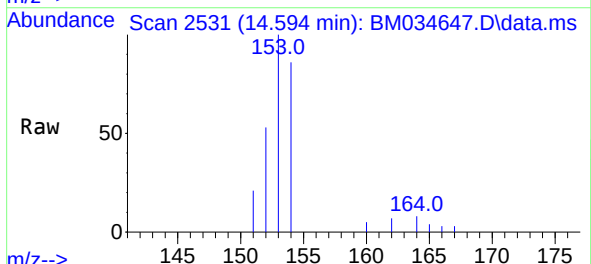
Tgt Ion:152 Resp: 4399
Ion Ratio Lower Upper
152 100
151 22.1 19.9 29.9
153 15.8 15.0 22.4

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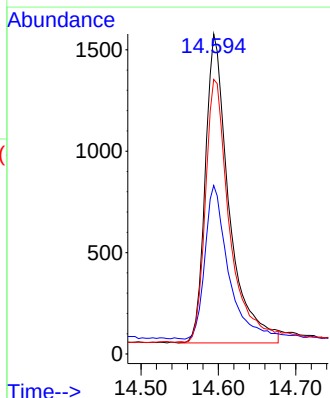
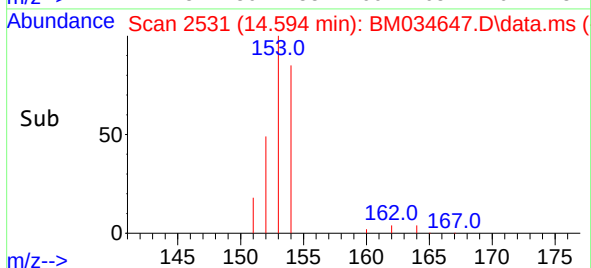
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

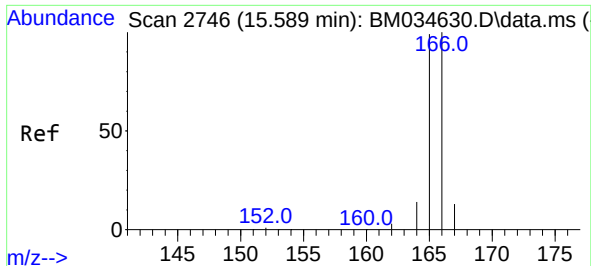


#11
Acenaphthene
Concen: 0.447 ng/ul
RT: 14.594 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



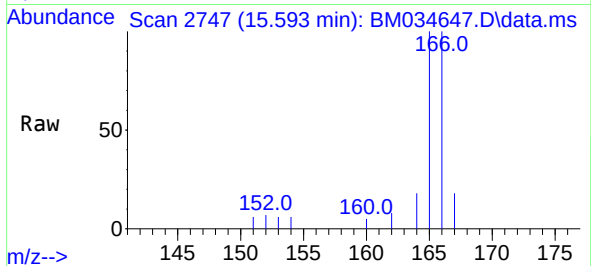
Tgt Ion:153 Resp: 3246
Ion Ratio Lower Upper
153 100
152 52.7 42.4 63.6
154 85.8 66.2 99.2





#12
Fluorene
Concen: 0.421 ng/ul
RT: 15.593 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

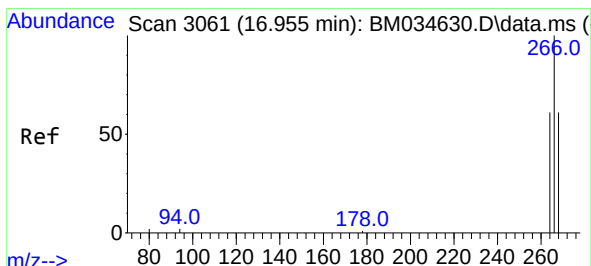
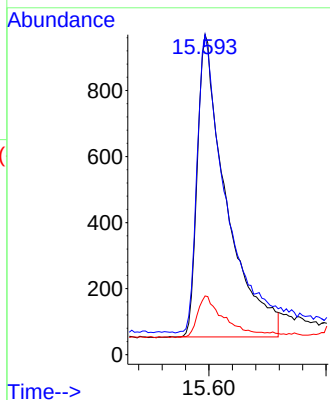
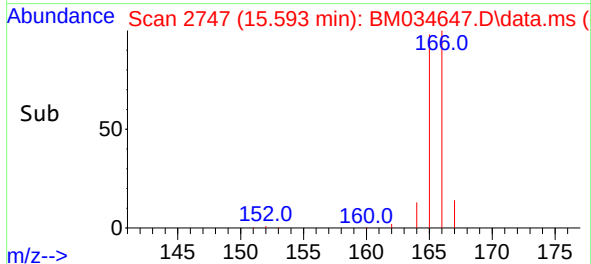
Instrument :
BNA_M
ClientSampleId :
SLCS977



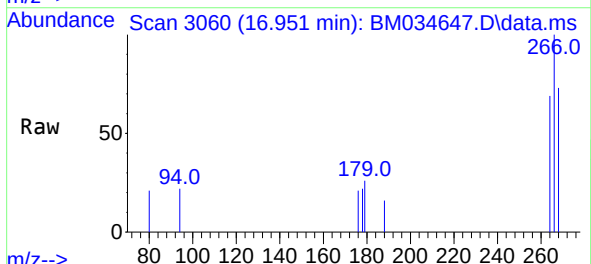
Tgt Ion:166 Resp: 3150
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 18.4 14.9 22.3

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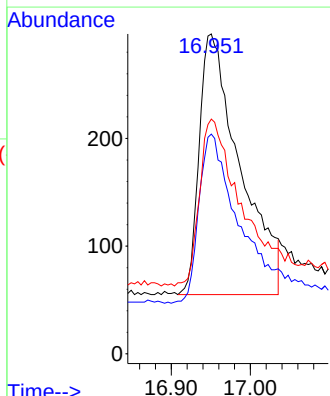
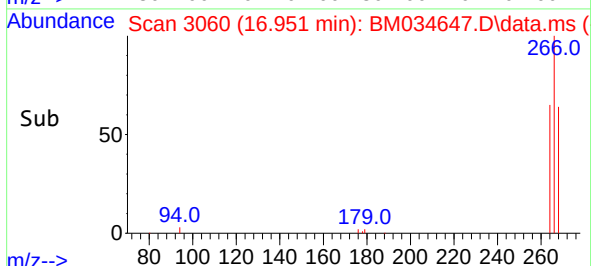
Reviewed By :Jagrut Upadhyay 04/13/2022
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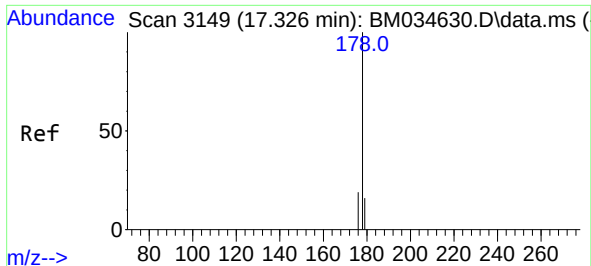


#14
Pentachlorophenol
Concen: 0.771 ng/ul
RT: 16.951 min Scan# 3060
Delta R.T. 0.004 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



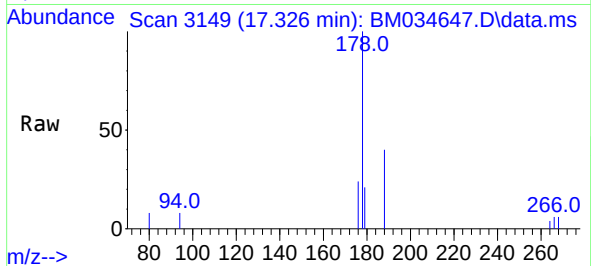
Tgt Ion:266 Resp: 868
Ion Ratio Lower Upper
266 100
264 61.1 51.4 77.0
268 60.6 53.1 79.7





#15
Phenanthrene
Concen: 0.433 ng/u1
RT: 17.326 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

Instrument :
BNA_M
ClientSampleId :
SLCS977

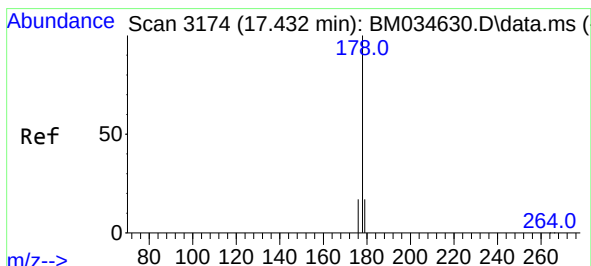
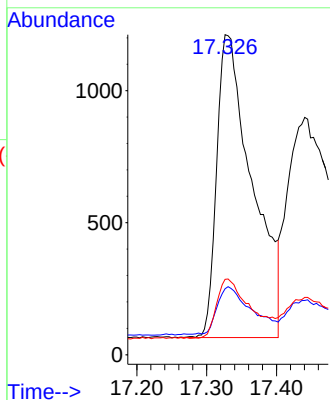
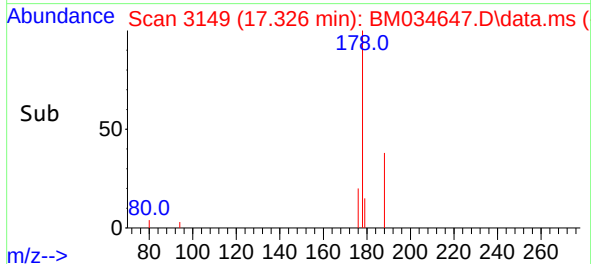


Tgt Ion:178 Resp: 406

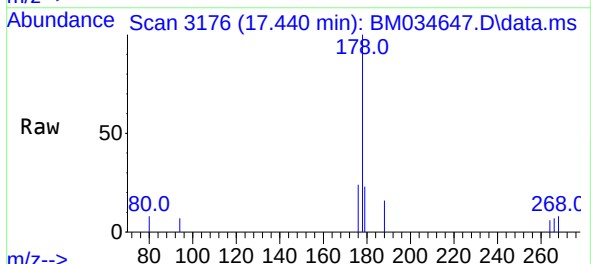
Ion	Ratio	Lower	Upper
178	100		
179	20.6	15.0	22.6
176	23.6	17.9	26.9

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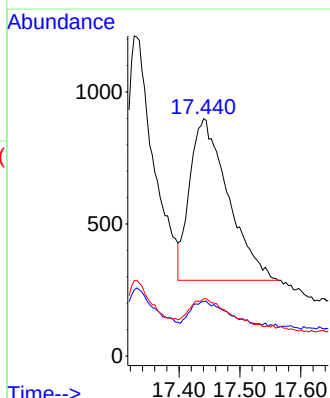
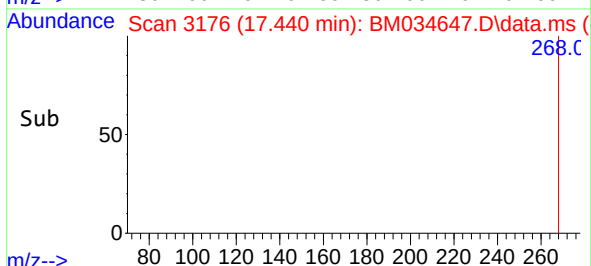


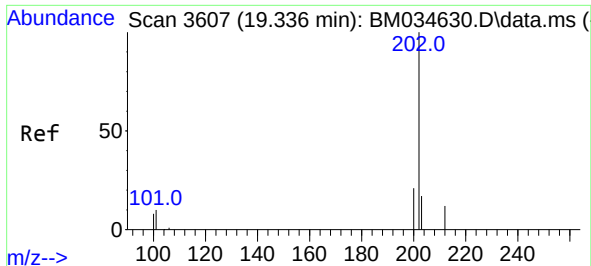
#16
Anthracene
Concen: 0.374 ng/u1
RT: 17.440 min Scan# 3176
Delta R.T. 0.017 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



Tgt Ion:178 Resp: 2682

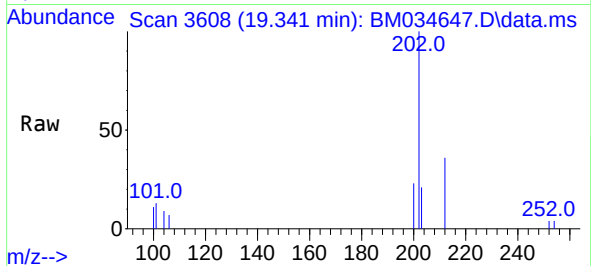
Ion	Ratio	Lower	Upper
178	100		
179	22.9	16.5	24.7
176	24.1	18.3	27.5





#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 19.341 min Scan# 3608
Delta R.T. 0.005 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

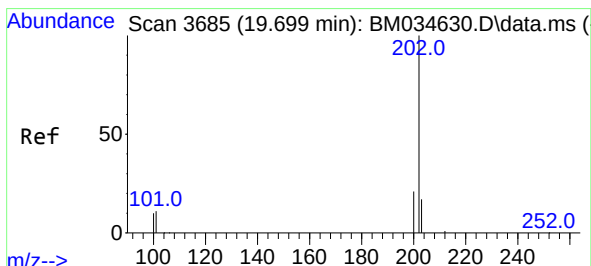
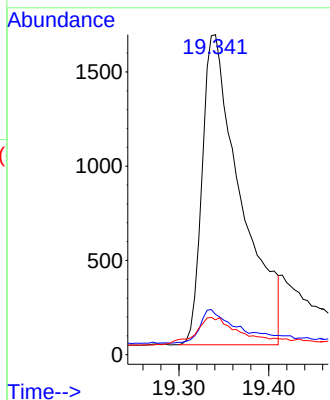
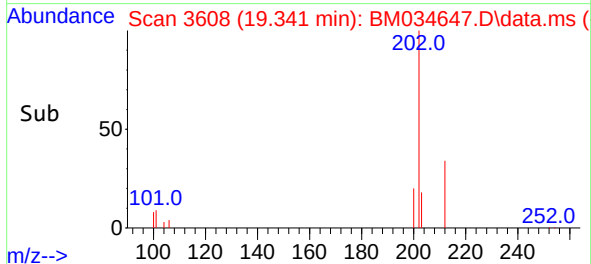
Instrument :
BNA_M
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SLCS977



Tgt Ion:202 Resp: 490
Ion Ratio Lower Upper
202 100
101 12.6 9.2 13.8
100 10.9 7.2 10.8

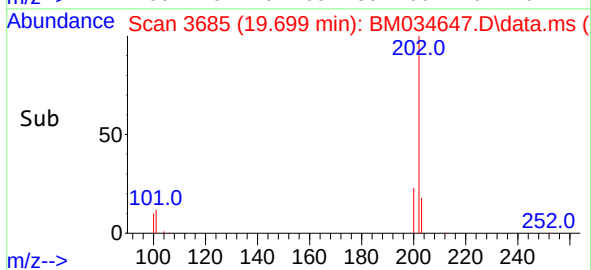
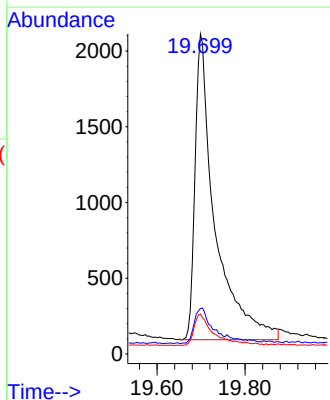
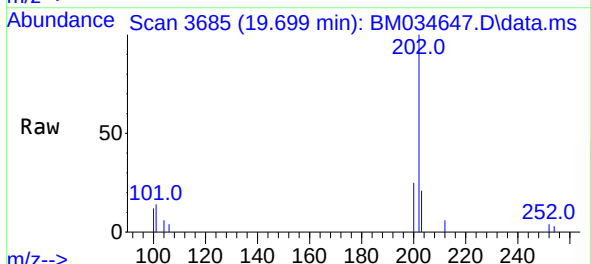
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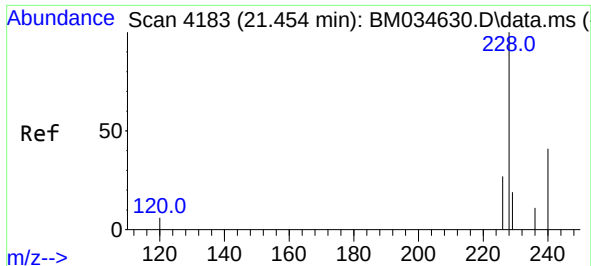
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#20
Pyrene
Concen: 0.441 ng/u1
RT: 19.699 min Scan# 3685
Delta R.T. -0.000 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

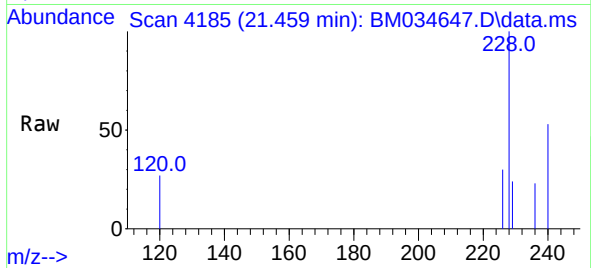
Tgt Ion:202 Resp: 6352
Ion Ratio Lower Upper
202 100
101 14.2 9.3 13.9#
100 12.5 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.332 ng/ul m
RT: 21.459 min Scan# 4185
Delta R.T. 0.006 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

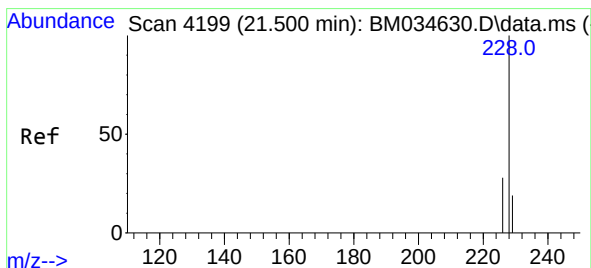
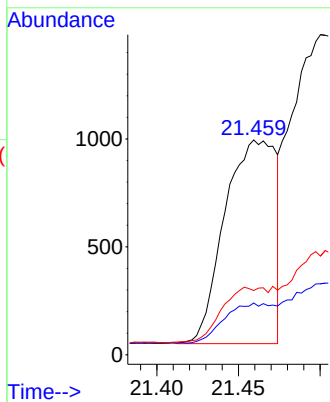
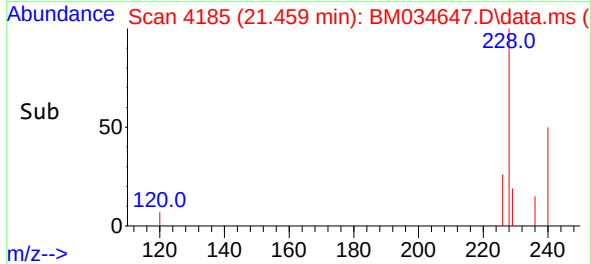
Instrument :
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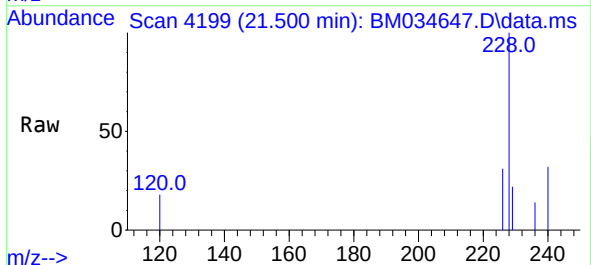
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Ion Ratio Lower Upper
228 100
229 24.1 17.3 25.9
226 29.9 23.2 34.8

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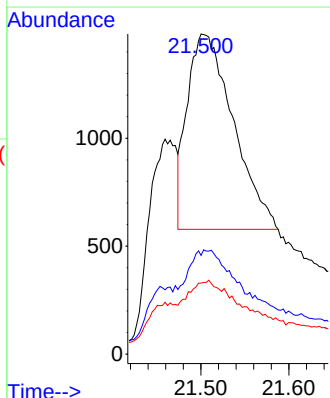
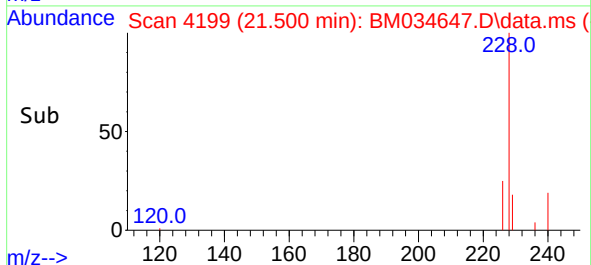
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

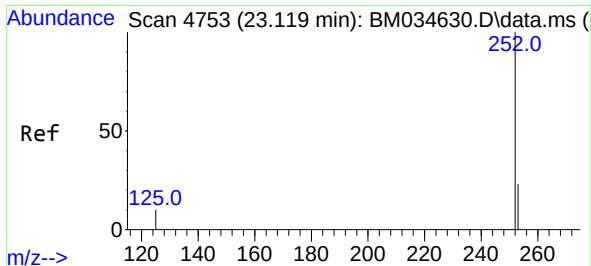


#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.500 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



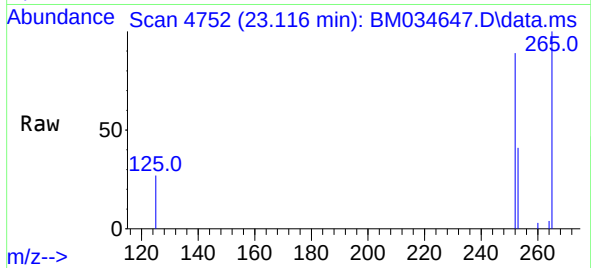
Tgt Ion:228 Resp: 3281
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 22.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul m
RT: 23.116 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

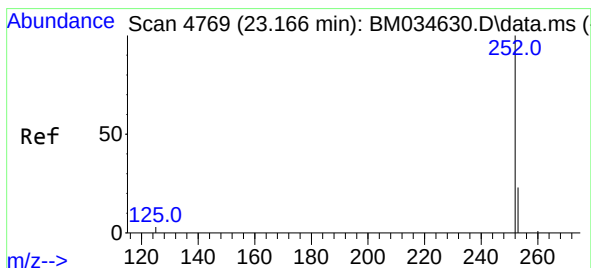
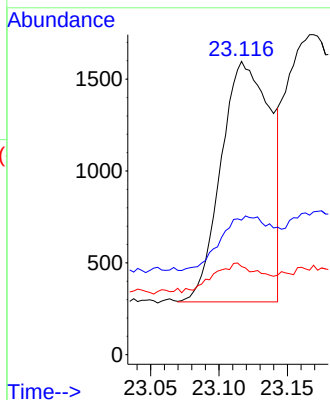
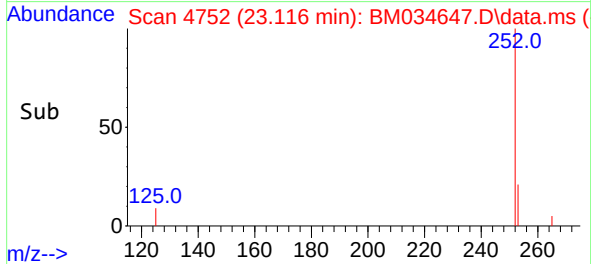
Instrument :
BNA_M
ClientSampleId :
SLCS977



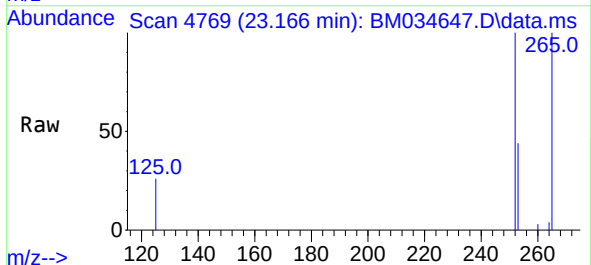
Tgt Ion:252 Resp: 330
Ion Ratio Lower Upper
252 100
253 45.9 0.0 64.2
125 30.1 0.0 28.8

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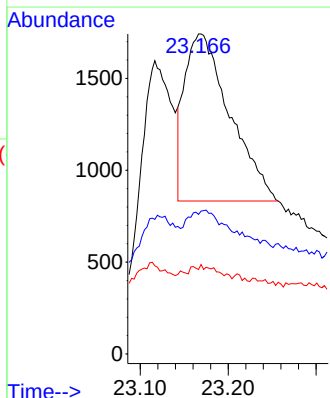
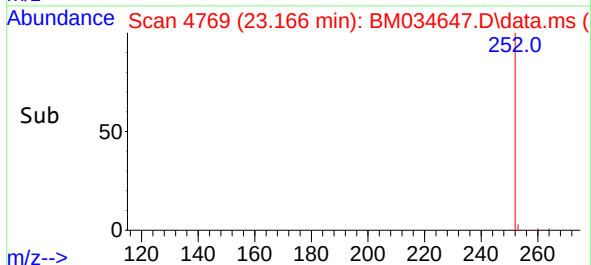
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

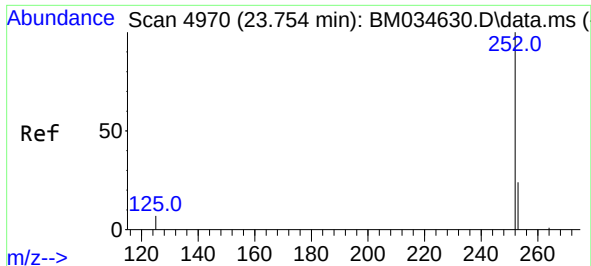


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.166 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



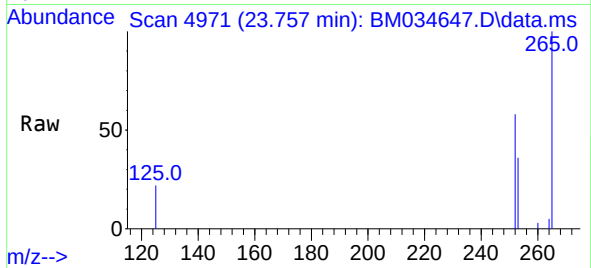
Tgt Ion:252 Resp: 3242
Ion Ratio Lower Upper
252 100
253 43.6 26.8 40.2#
125 26.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.492 ng/u1
RT: 23.757 min Scan# 4971
Delta R.T. 0.003 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

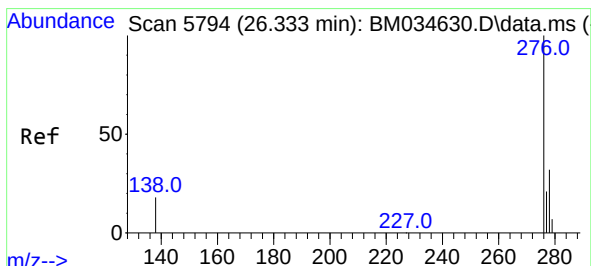
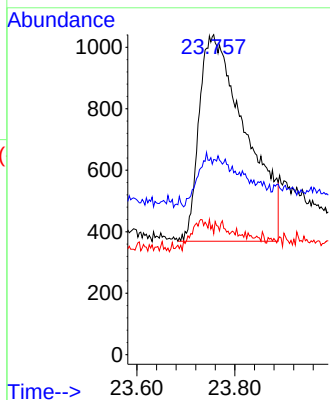
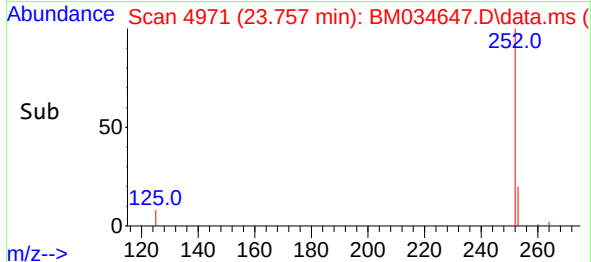
Instrument :
BNA_M
ClientSampleId :
SLCS977



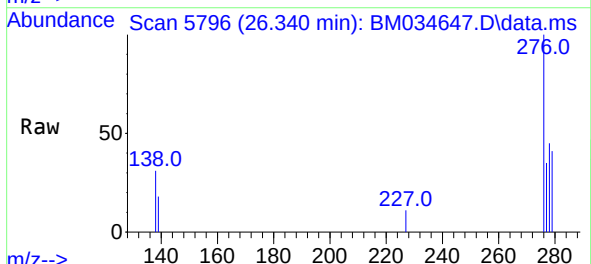
Tgt Ion:252 Resp: 4420
Ion Ratio Lower Upper
252 100
253 61.0 32.0 48.0
125 37.8 14.5 21.7

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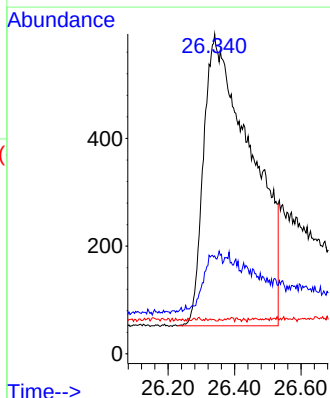
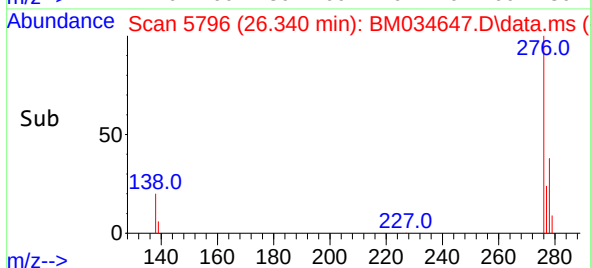
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

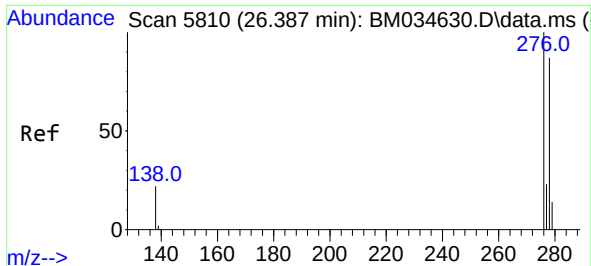


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/u1
RT: 26.340 min Scan# 5796
Delta R.T. -0.007 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



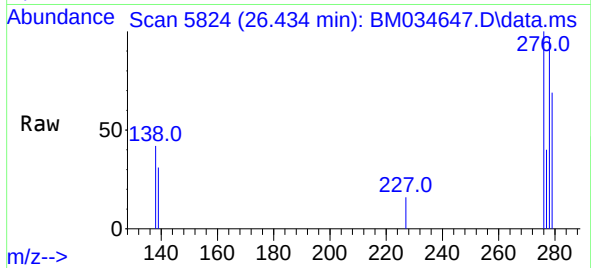
Tgt Ion:276 Resp: 5370
Ion Ratio Lower Upper
276 100
138 20.1 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.461 ng/ul
RT: 26.434 min Scan# 5810
Delta R.T. 0.047 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23

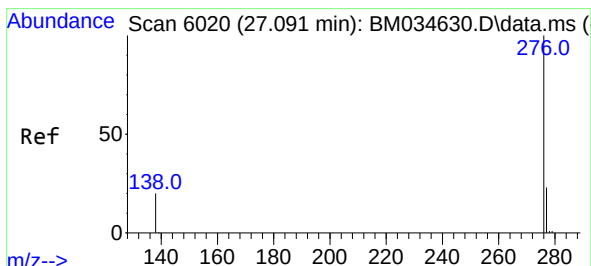
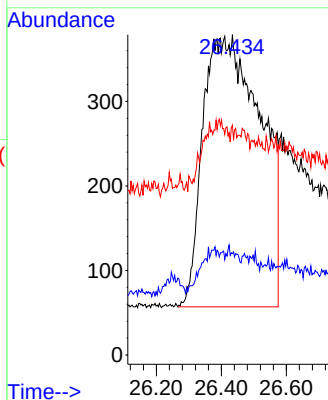
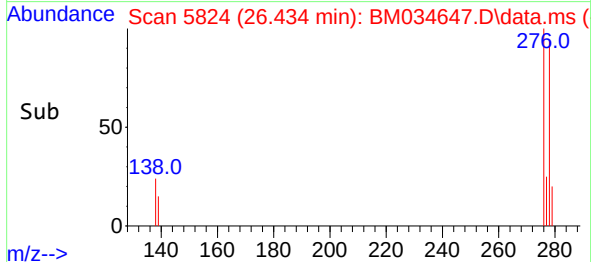
Instrument :
BNA_M
ClientSampleId :
SLCS977



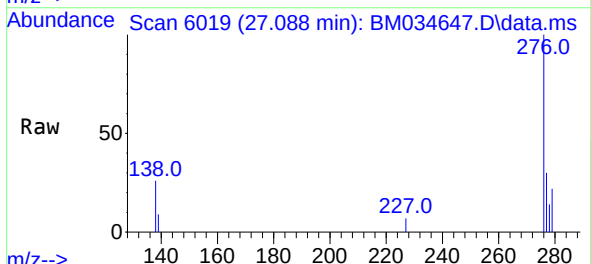
Tgt Ion:278 Resp: 398
Ion Ratio Lower Upper
278 100
139 31.7 18.0 27.0
279 71.8 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.485 ng/ul
RT: 27.088 min Scan# 6019
Delta R.T. -0.007 min
Lab File: BM034647.D
Acq: 13 Apr 2022 07:23



Tgt Ion:276 Resp: 6295
Ion Ratio Lower Upper
276 100
138 26.3 17.4 26.0
277 29.8 22.6 33.8

