

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035060.D
 Acq On : 14 May 2022 11:17
 Operator : CG/JU
 Sample : PB144572BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS572

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 15 01:30:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4222	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	12890	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	8347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	18304	0.400	ng/ul #	0.00
17) Chrysene-d12	21.474	240	15731	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	13289	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2938	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	7122	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	17726	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	7315m	1.440	ng/ul	
5) Naphthalene	10.765	128	12556	0.295	ng/ul#	89
7) 2-Methylnaphthalene	12.382	142	8546	0.306	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	8549	0.329	ng/ul	99
10) Acenaphthylene	14.270	152	15209	0.308	ng/ul#	90
11) Acenaphthene	14.612	153	10401	0.292	ng/ul	95
12) Fluorene	15.597	166	12075	0.289	ng/ul#	98
14) Pentachlorophenol	16.946	266	4231	0.612	ng/ul	98
15) Phenanthrene	17.334	178	20629	0.296	ng/ul	94
16) Anthracene	17.423	178	19245	0.303	ng/ul#	92
19) Fluoranthene	19.350	202	25169	0.285	ng/ul	97
20) Pyrene	19.712	202	25647	0.286	ng/ul	100
21) Benzo(a)anthracene	21.459	228	22571	0.310	ng/ul	99
22) Chrysene	21.509	228	22567	0.298	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	20727	0.297	ng/ul	91
25) Benzo(k)fluoranthene	23.180	252	19300	0.290	ng/ul#	89
26) Benzo(a)pyrene	23.753	252	18751	0.296	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.333	276	20022	0.319	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.343	278	15990	0.320	ng/ul	92
29) Benzo(g,h,i)perylene	27.081	276	16919	0.314	ng/ul	94

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

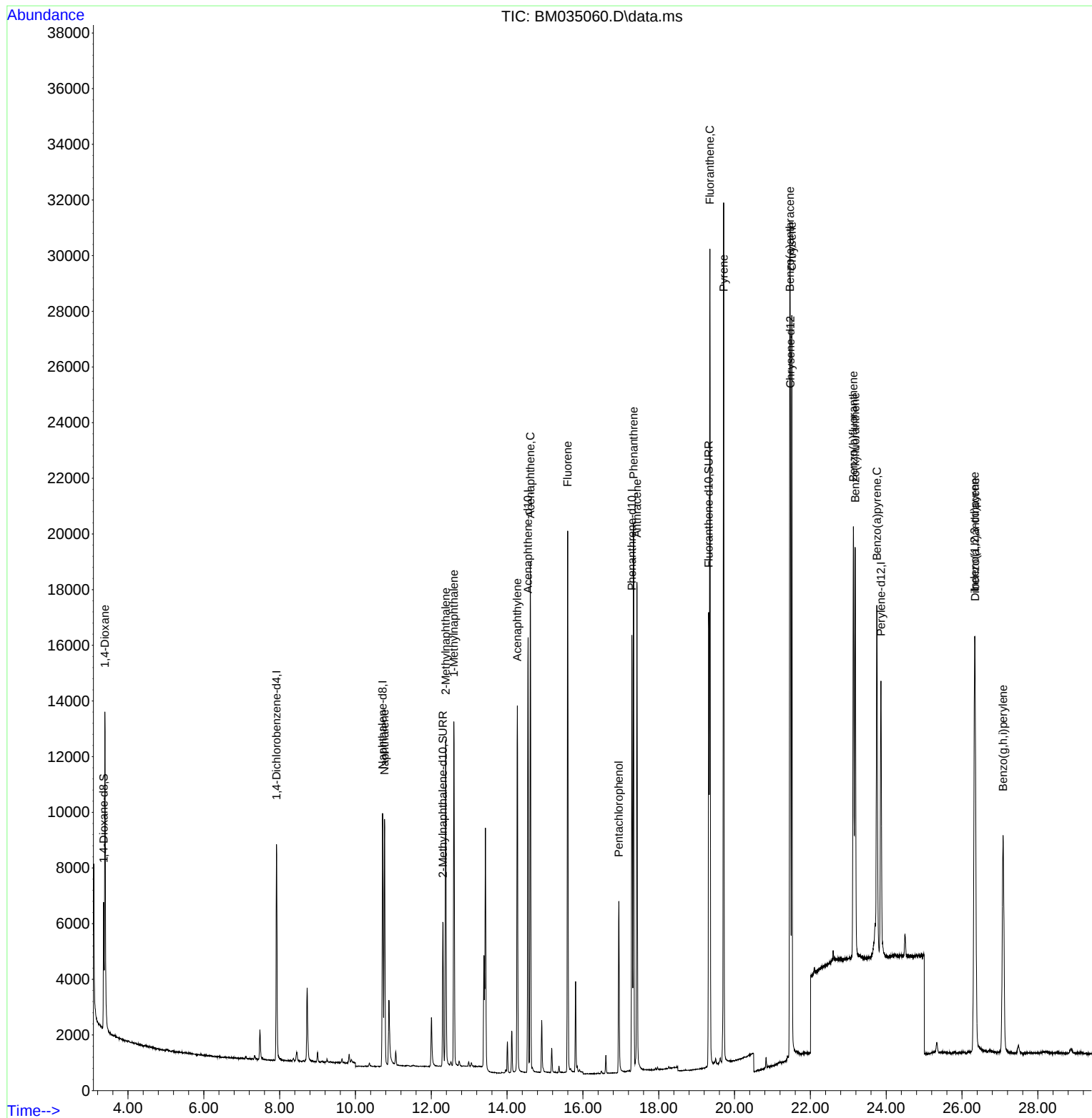
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035060.D
Acq On : 14 May 2022 11:17
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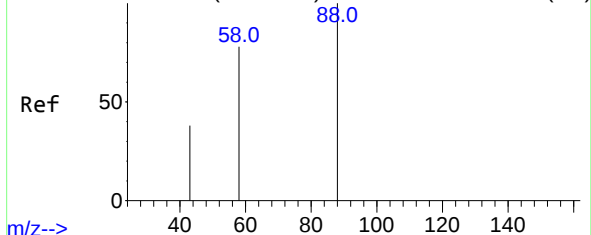
Quant Time: May 15 01:30:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



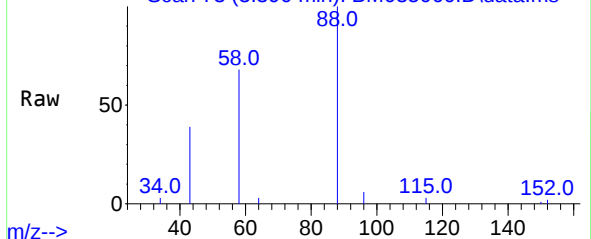
Abundance Scan 74 (3.394 min): BM035044.D\data.ms (-67)



#2
1,4-Dioxane
Concen: 1.440 ng/ul m
RT: 3.390 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

Instrument :
BNA_M
ClientSampleId :
SLCS572

m/z--> Abundance Scan 73 (3.390 min): BM035060.D\data.ms

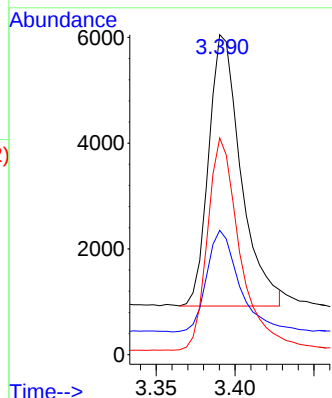
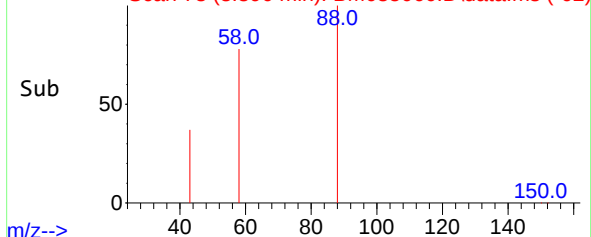


Tgt Ion: 88 Resp: 7315
Ion Ratio Lower Upper
88 100
43 38.8 49.7 74.5#
58 67.7 52.5 78.7

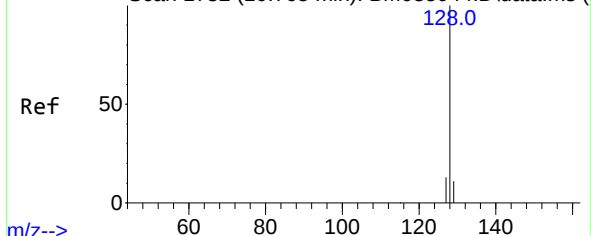
Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

Abundance Scan 73 (3.390 min): BM035060.D\data.ms (-62)



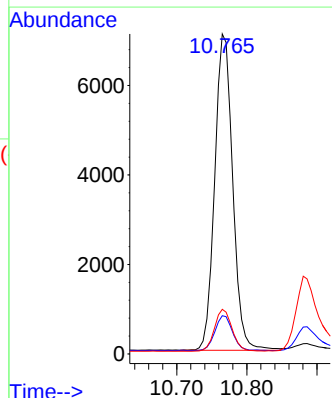
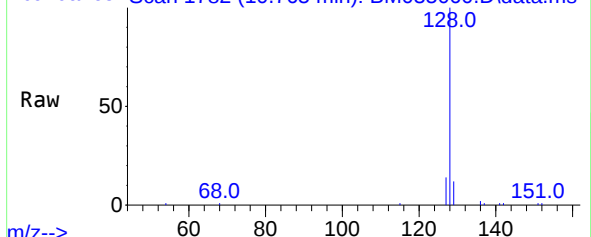
Abundance Scan 1782 (10.765 min): BM035044.D\data.ms (-62)



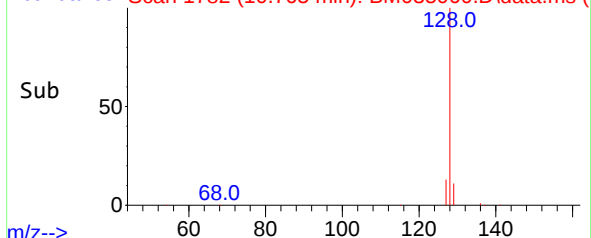
#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

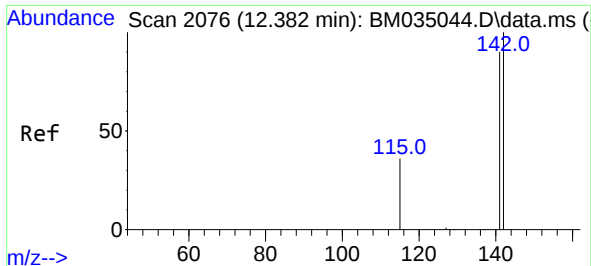
Tgt Ion:128 Resp: 12556
Ion Ratio Lower Upper
128 100
129 11.9 13.4 20.2#
127 14.0 15.2 22.8#

m/z--> Abundance Scan 1782 (10.765 min): BM035060.D\data.ms



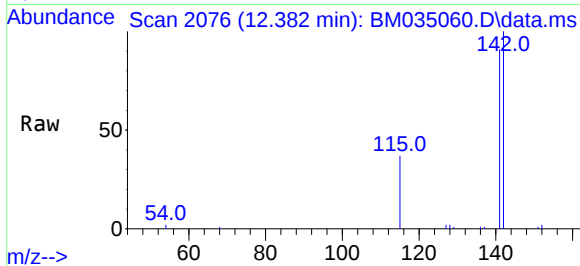
Abundance Scan 1782 (10.765 min): BM035060.D\data.ms (-62)





#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

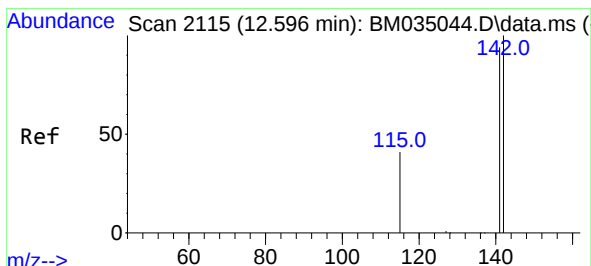
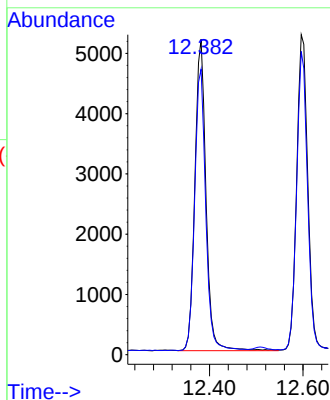
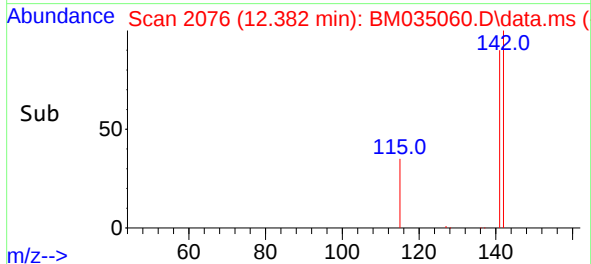
Instrument :
BNA_M
ClientSampleId :
SLCS572



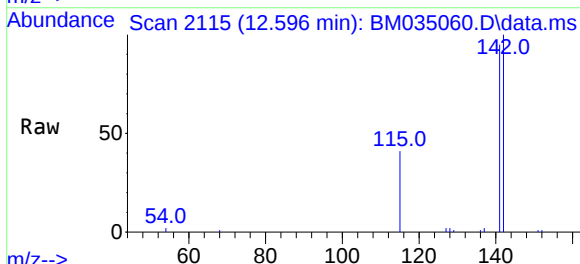
Tgt Ion:142 Resp: 8540
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6

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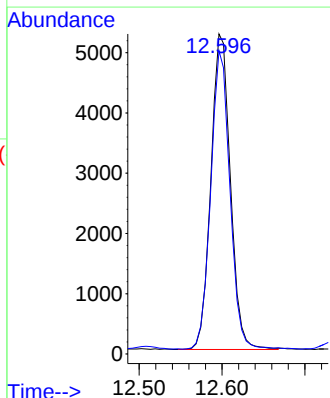
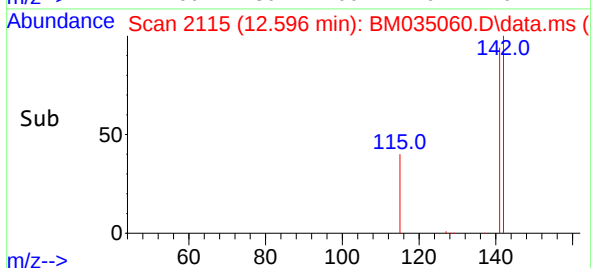
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

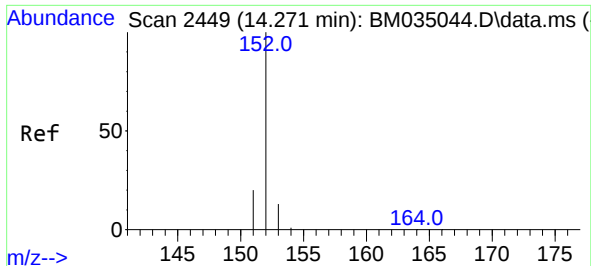


#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17



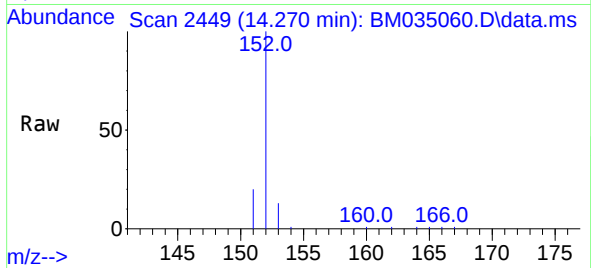
Tgt Ion:142 Resp: 8549
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4





#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

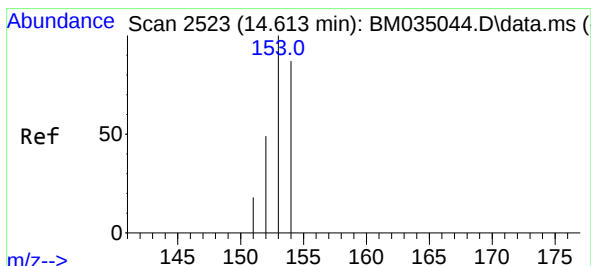
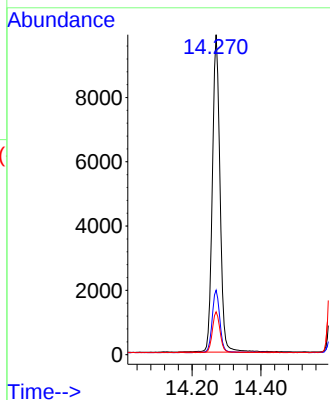
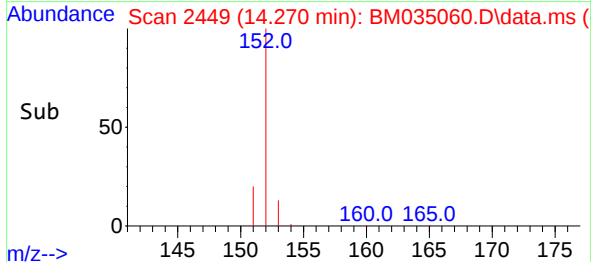
Instrument :
BNA_M
ClientSampleId :
SLCS572



Tgt Ion:152 Resp: 15209
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.4 15.0 22.4

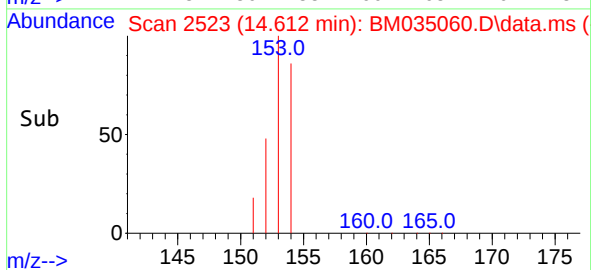
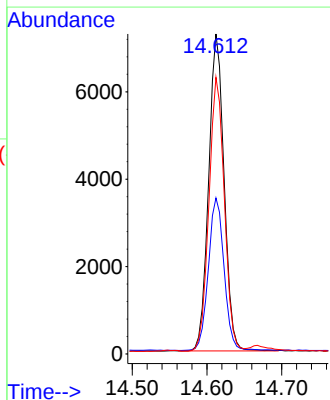
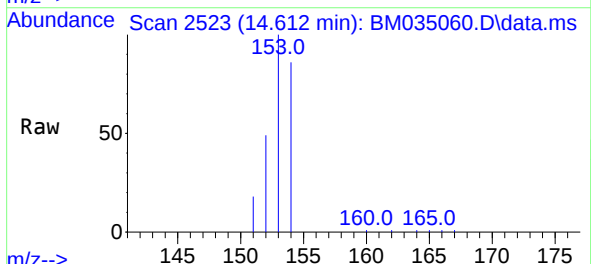
Manual Integrations
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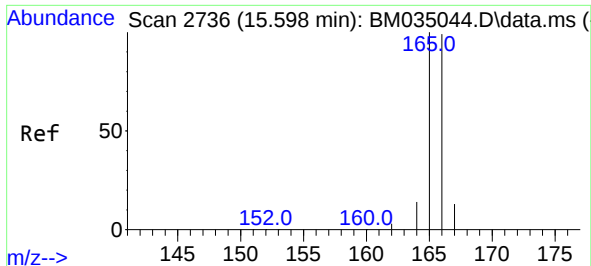
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

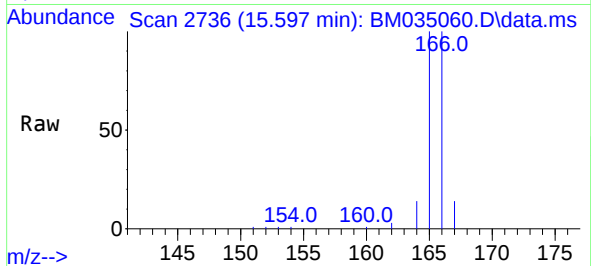
Tgt Ion:153 Resp: 10401
Ion Ratio Lower Upper
153 100
152 48.7 42.4 63.6
154 86.4 66.2 99.2





#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.597 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

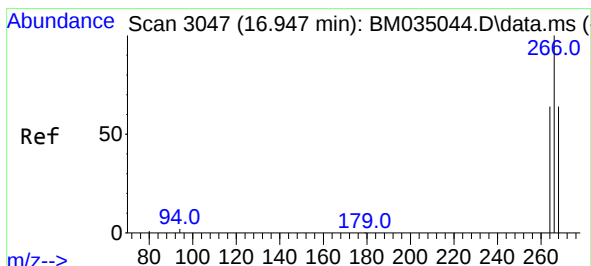
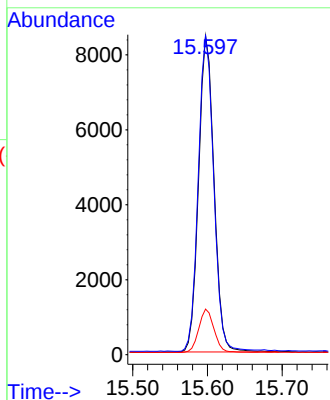
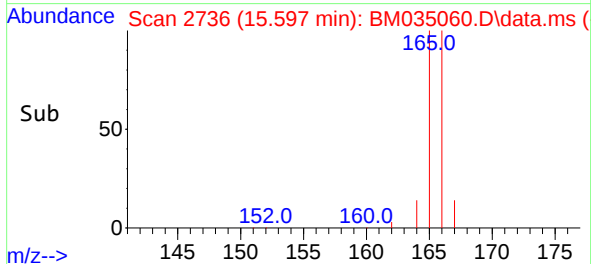
Instrument :
BNA_M
ClientSampleId :
SLCS572



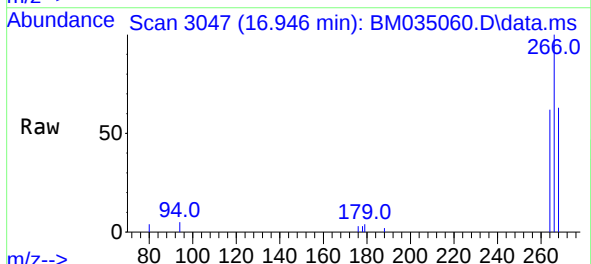
Tgt Ion:166 Resp: 1207
Ion Ratio Lower Upper
166 100
165 100.4 81.1 121.7
167 14.3 14.9 22.3

Manual Integrations
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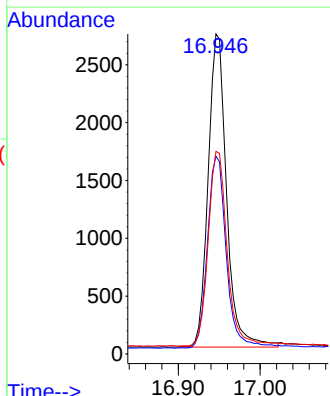
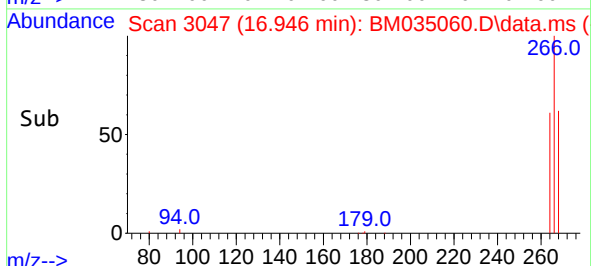
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

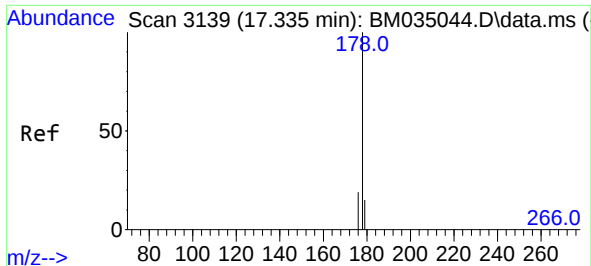


#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17



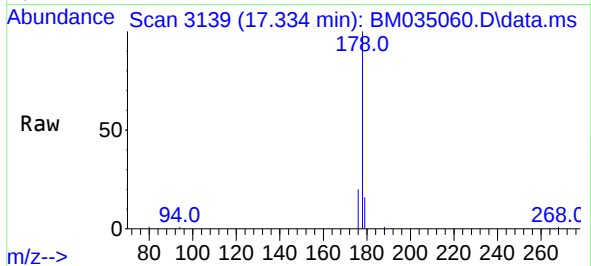
Tgt Ion:266 Resp: 4231
Ion Ratio Lower Upper
266 100
264 62.8 51.4 77.0
268 64.3 53.1 79.7





#15
Phenanthrene
Concen: 0.296 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

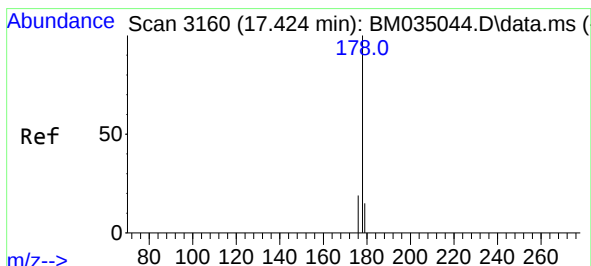
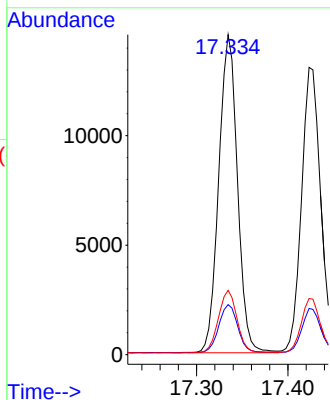
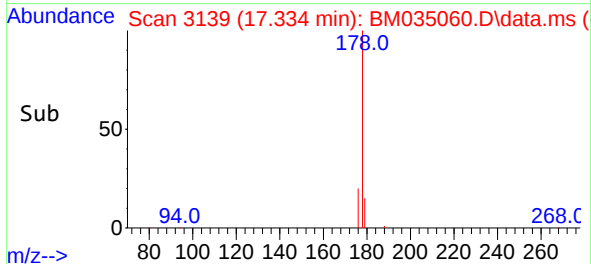
Instrument :
BNA_M
ClientSampleId :
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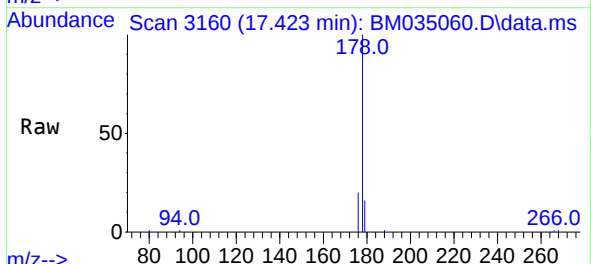
Tgt Ion:178 Resp: 20629
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 20.1 17.9 26.9

Manual Integrations
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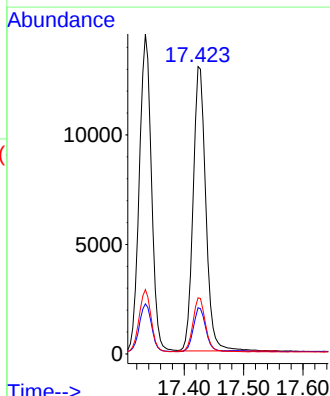
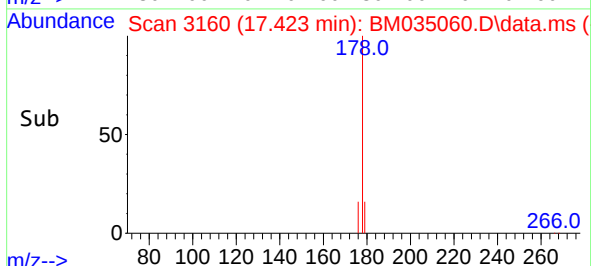
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

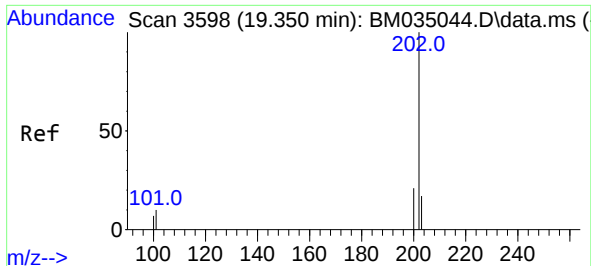


#16
Anthracene
Concen: 0.303 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17



Tgt Ion:178 Resp: 19245
Ion Ratio Lower Upper
178 100
179 16.1 16.5 24.7#
176 19.6 18.3 27.5





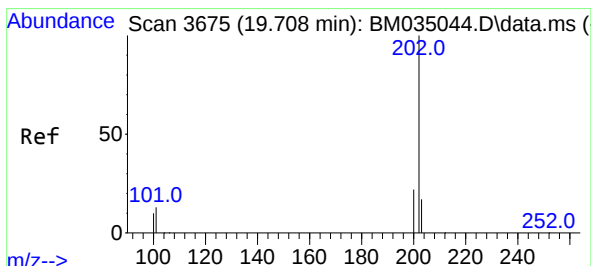
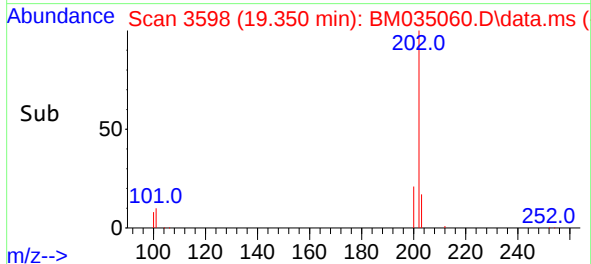
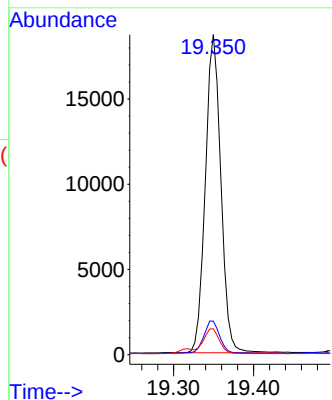
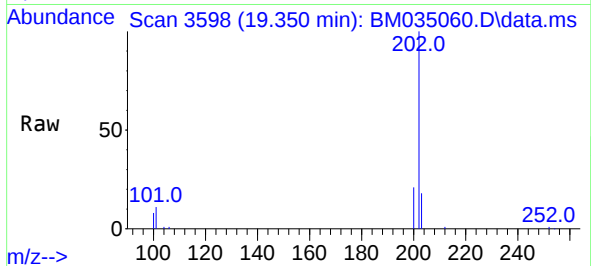
#19
Fluoranthene
Concen: 0.285 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

Instrument :
BNA_M
ClientSampleId :
SLCS572

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.2	13.8
100	8.1	7.2	10.8

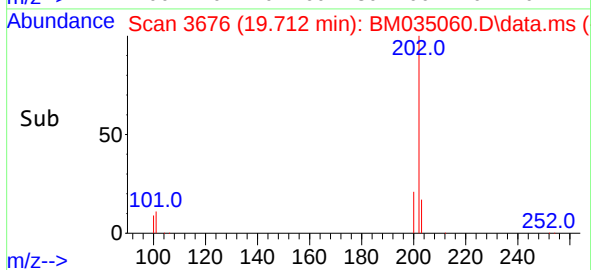
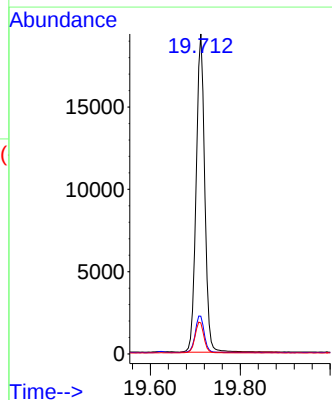
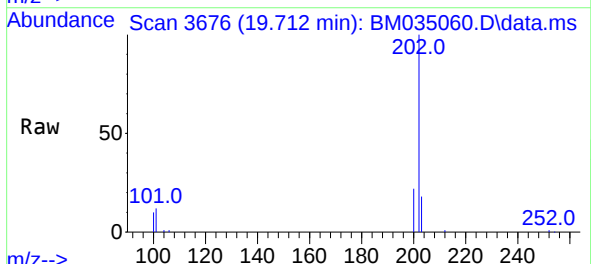
Manual Integrations
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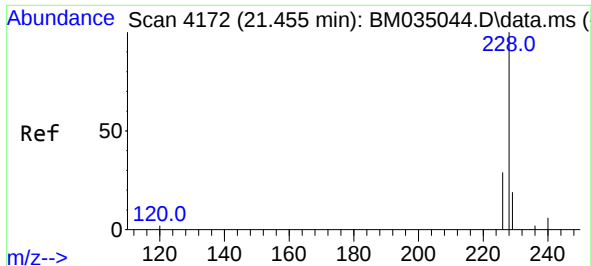
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 0.286 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

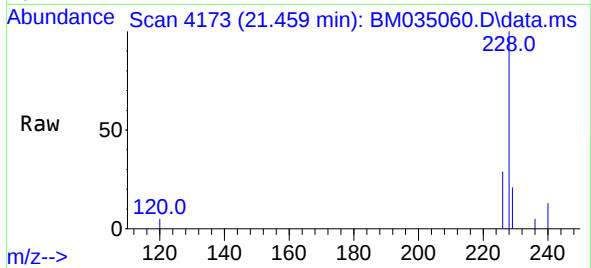
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
100	9.7	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.310 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

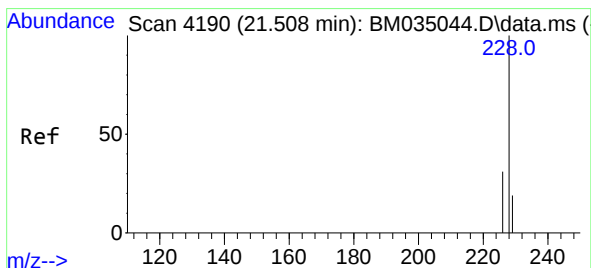
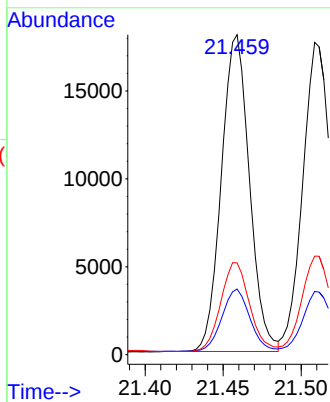
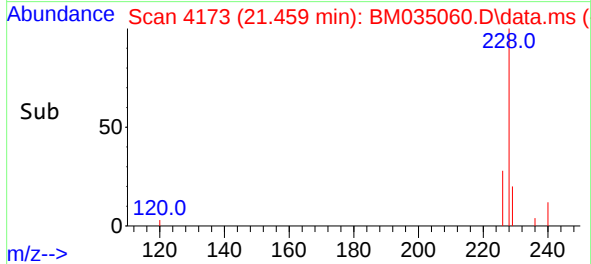
Instrument :
BNA_M
ClientSampleId :
SLCS572



Tgt Ion:228 Resp: 2257
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 28.7 23.2 34.8

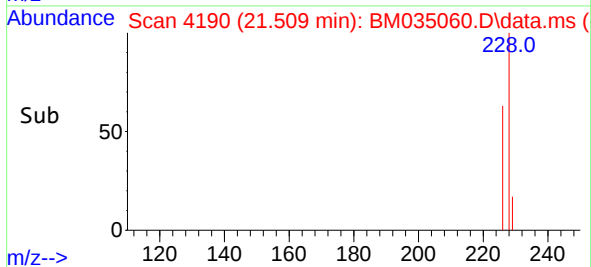
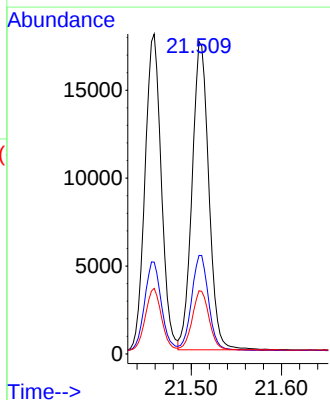
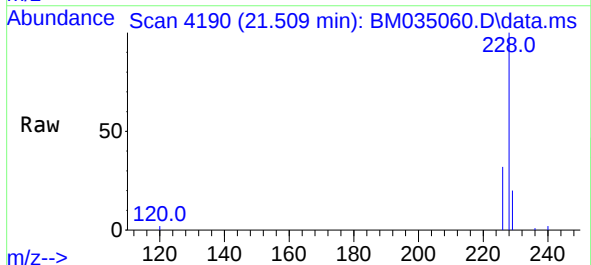
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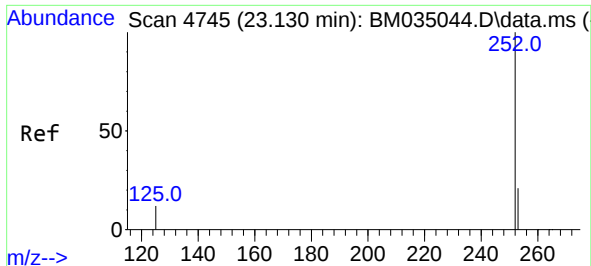
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#22
Chrysene
Concen: 0.298 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

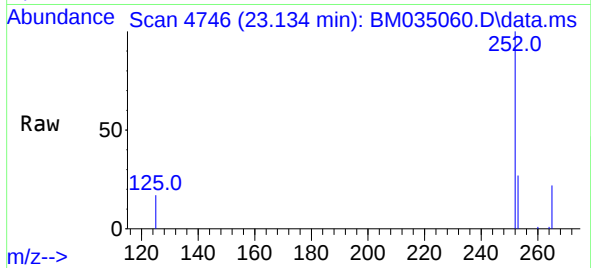
Tgt Ion:228 Resp: 22567
Ion Ratio Lower Upper
228 100
226 31.5 25.8 38.8
229 20.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.297 ng/ul
RT: 23.134 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

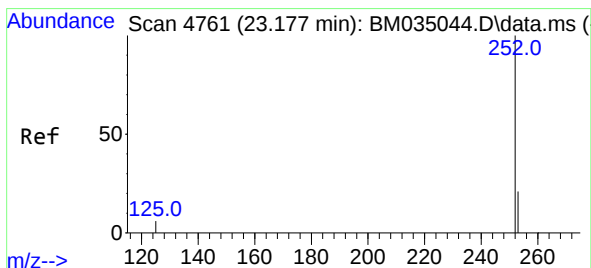
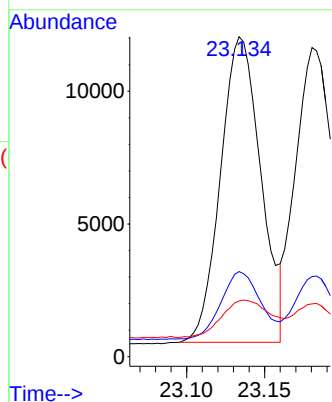
Instrument :
BNA_M
ClientSampleId :
SLCS572



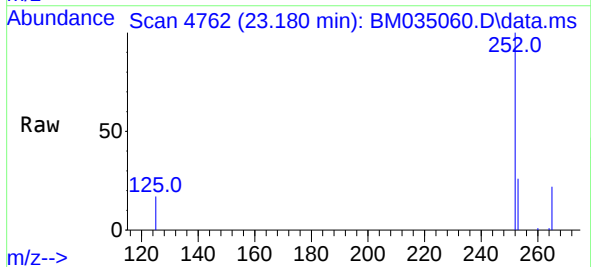
Tgt Ion:252 Resp: 2072
Ion Ratio Lower Upper
252 100
253 26.6 0.0 64.2
125 17.4 0.0 28.8

Manual Integrations
APPROVED

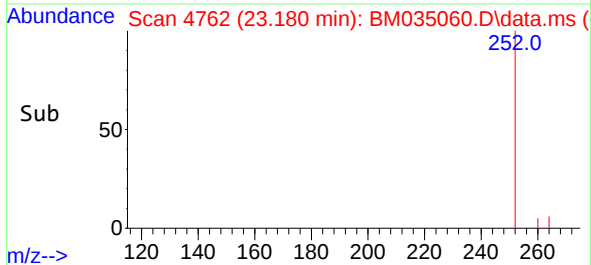
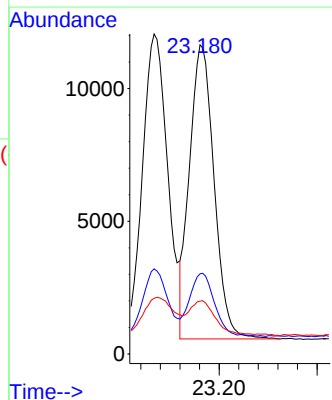
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

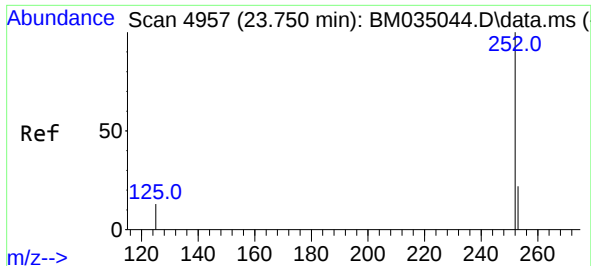


#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17



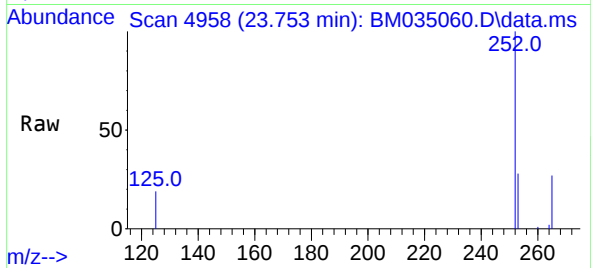
Tgt Ion:252 Resp: 19300
Ion Ratio Lower Upper
252 100
253 25.9 26.8 40.2#
125 17.1 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.296 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.003 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

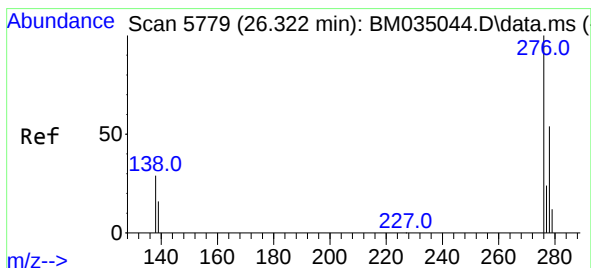
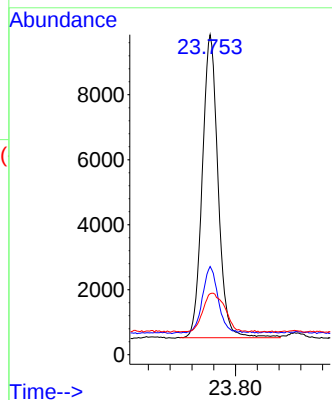
Instrument :
BNA_M
ClientSampleId :
SLCS572



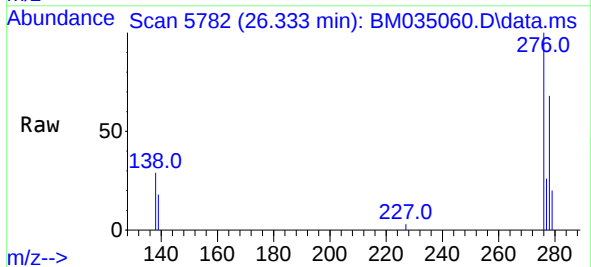
Tgt Ion:252 Resp: 1875
Ion Ratio Lower Upper
252 100
253 27.5 32.0 48.0#
125 19.0 14.5 21.7

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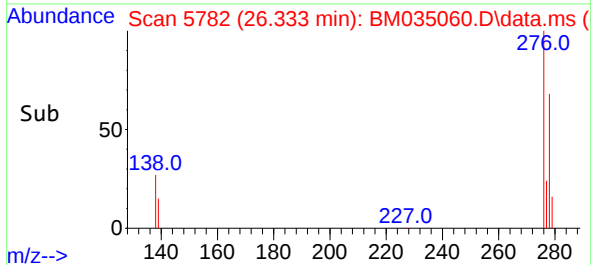
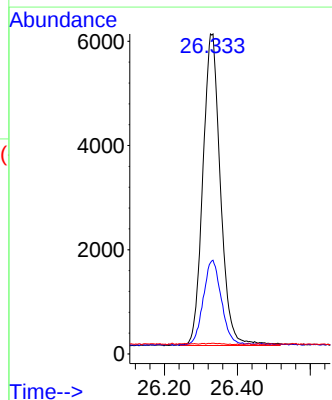
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

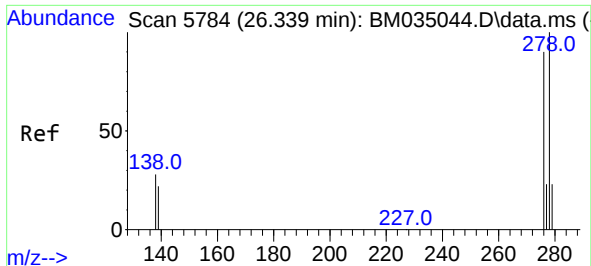


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17



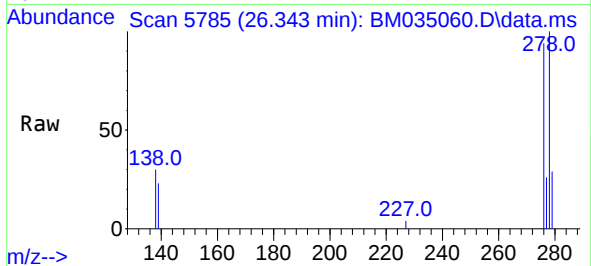
Tgt Ion:276 Resp: 20022
Ion Ratio Lower Upper
276 100
138 27.7 15.8 23.6#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17

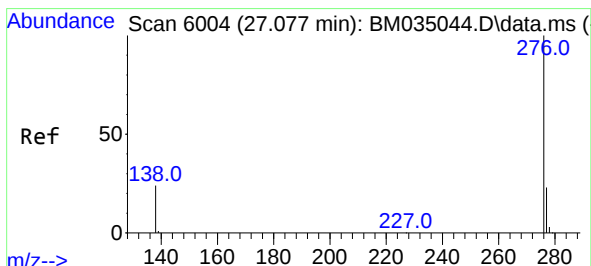
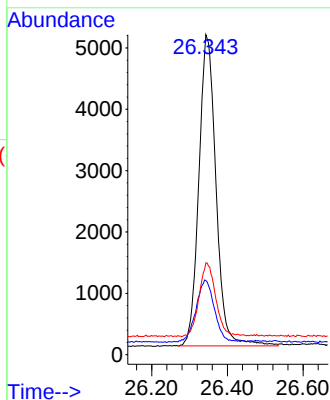
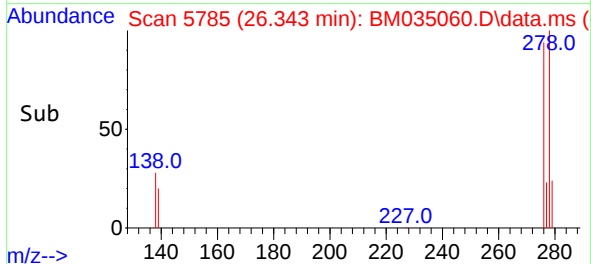
Instrument :
BNA_M
ClientSampleId :
SLCS572



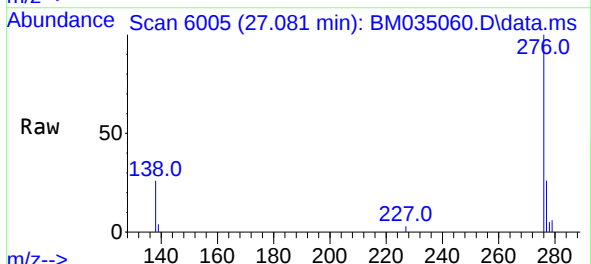
Tgt Ion: 278 Resp: 15990
Ion Ratio Lower Upper
278 100
139 23.1 18.0 27.0
279 28.7 28.6 42.8

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 05/16/2022
Supervised By : Yogesh Patel 05/17/2022



#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.000 min
Lab File: BM035060.D
Acq: 14 May 2022 11:17



Tgt Ion: 276 Resp: 16919
Ion Ratio Lower Upper
276 100
138 25.8 17.4 26.0
277 26.3 22.6 33.8

