

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035077.D
 Acq On : 14 May 2022 22:05
 Operator : CG/JU
 Sample : PB144662BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS662

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :Yogesh Patel 05/18/2022

Quant Time: May 17 09:11:58 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	3725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	11454	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.548	164	7708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	17411	0.400	ng/ul #	0.00
17) Chrysene-d12	21.476	240	15717	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	13560	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	2580	0.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	6266	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	16798	0.312	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	6374m	1.422	ng/ul	
5) Naphthalene	10.765	128	10820	0.286	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	7480	0.301	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	7486	0.324	ng/ul	100
10) Acenaphthylene	14.271	152	13457	0.295	ng/ul#	89
11) Acenaphthene	14.613	153	9336	0.283	ng/ul	95
12) Fluorene	15.598	166	10985	0.285	ng/ul#	97
14) Pentachlorophenol	16.947	266	3856	0.586	ng/ul	97
15) Phenanthrene	17.335	178	18677	0.282	ng/ul	94
16) Anthracene	17.424	178	17660	0.292	ng/ul#	92
19) Fluoranthene	19.350	202	23215	0.263	ng/ul	95
20) Pyrene	19.708	202	23802	0.265	ng/ul	99
21) Benzo(a)anthracene	21.458	228	21366	0.294	ng/ul	98
22) Chrysene	21.511	228	21591	0.285	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	20053	0.282	ng/ul	91
25) Benzo(k)fluoranthene	23.182	252	18988	0.280	ng/ul#	90
26) Benzo(a)pyrene	23.753	252	18506	0.286	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.332	276	19671	0.307	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.345	278	15836	0.311	ng/ul#	90
29) Benzo(g,h,i)perylene	27.087	276	16618	0.302	ng/ul	95

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

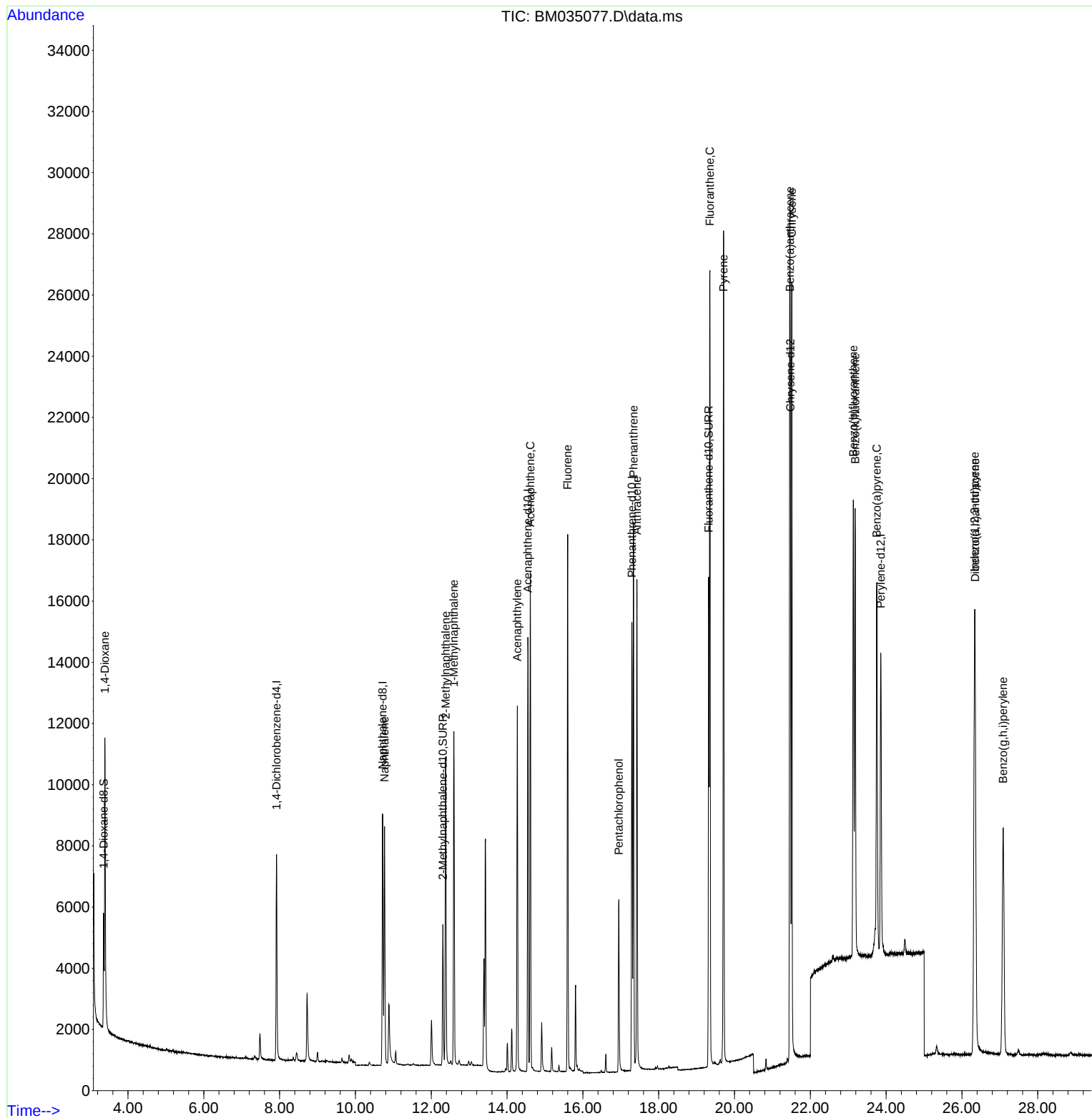
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035077.D
Acq On : 14 May 2022 22:05
Operator : CG/JU
Sample : PB144662BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS662

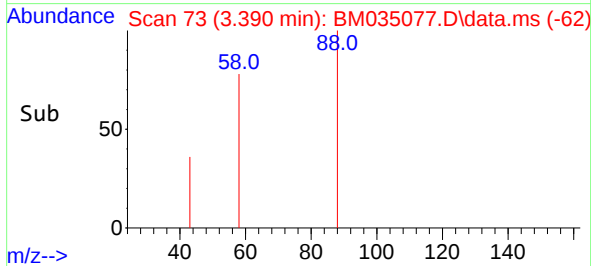
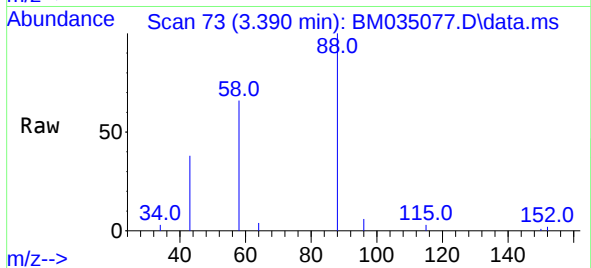
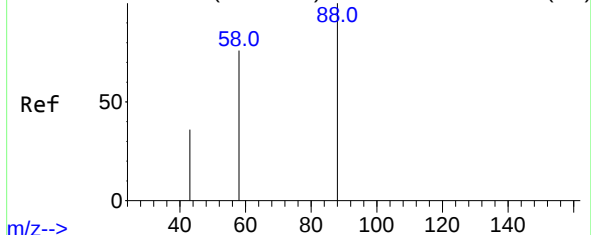
Quant Time: May 17 09:11:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022



Abundance Scan 74 (3.394 min): BM035061.D\data.ms (-67)



#2

1,4-Dioxane

Concen: 1.422 ng/ul m

RT: 3.390 min Scan# 74

Delta R.T. -0.004 min

Lab File: BM035077.D

Acq: 14 May 2022 22:05

Instrument :

BNA_M

ClientSampleId :

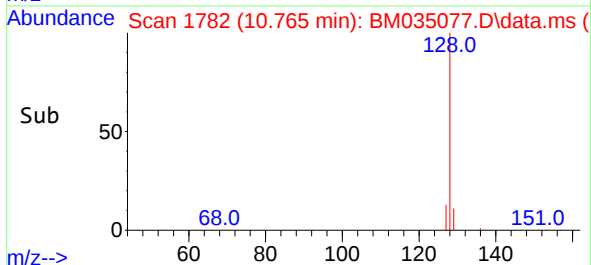
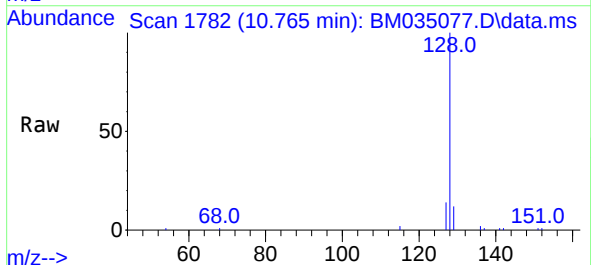
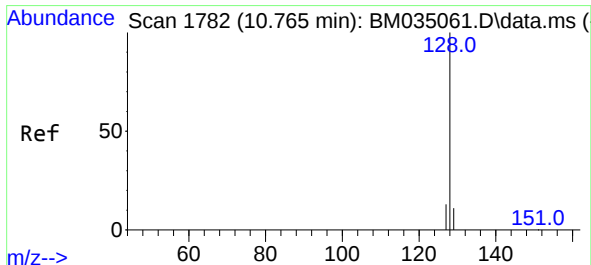
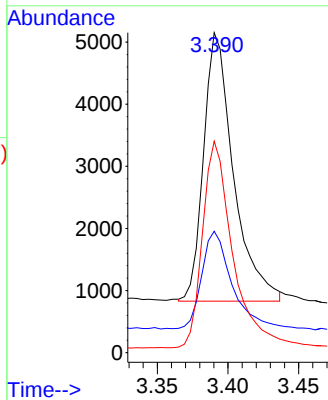
SLCS662

Tgt Ion: 88	Resp: 6374
Ion Ratio	Lower Upper
88	100
43	37.9 49.7 74.5
58	66.1 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022



#5

Naphthalene

Concen: 0.286 ng/ul

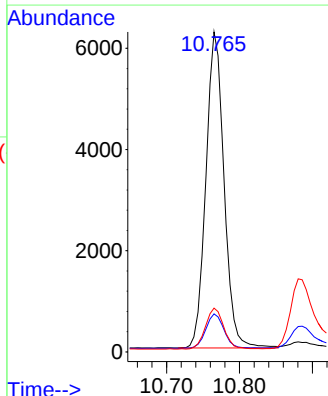
RT: 10.765 min Scan# 1782

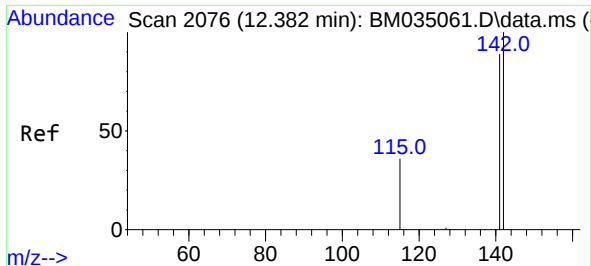
Delta R.T. -0.005 min

Lab File: BM035077.D

Acq: 14 May 2022 22:05

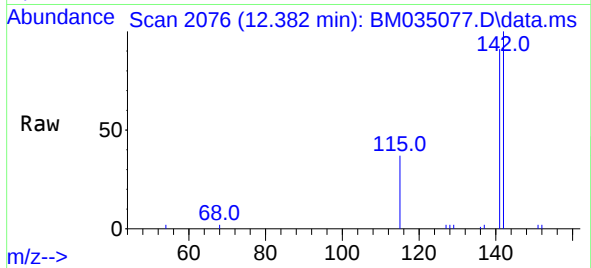
Tgt Ion:128	Resp: 10820
Ion Ratio	Lower Upper
128	100
129	11.9 13.4 20.2#
127	13.7 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

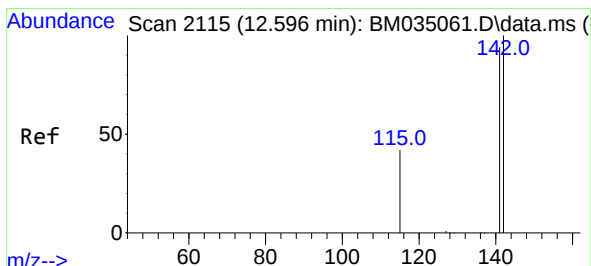
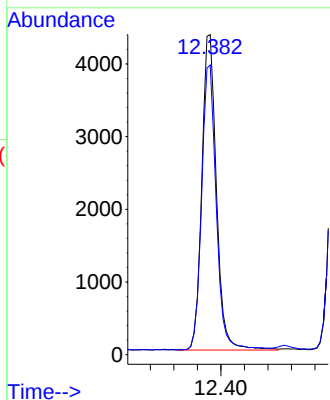
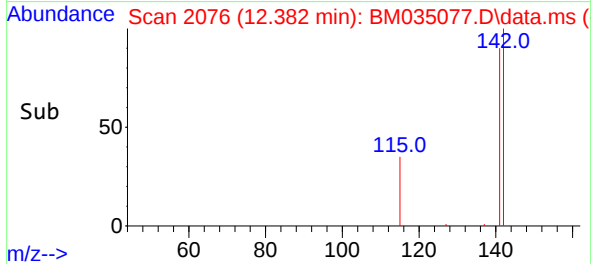
Instrument :
BNA_M
ClientSampleId :
SLCS662



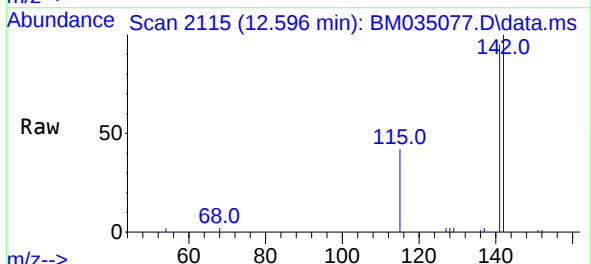
Tgt Ion:142 Resp: 7486
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6

Manual Integrations
APPROVED

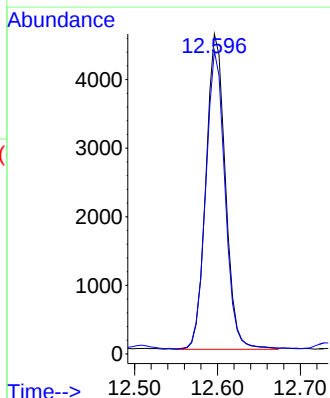
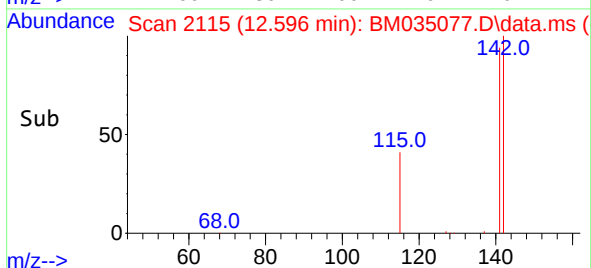
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

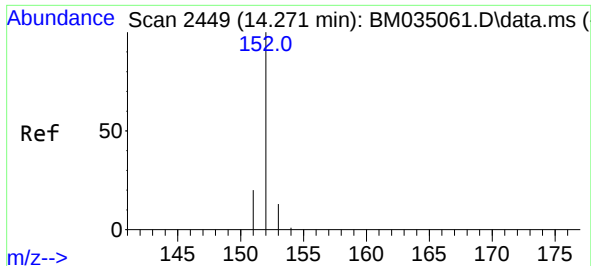


#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05



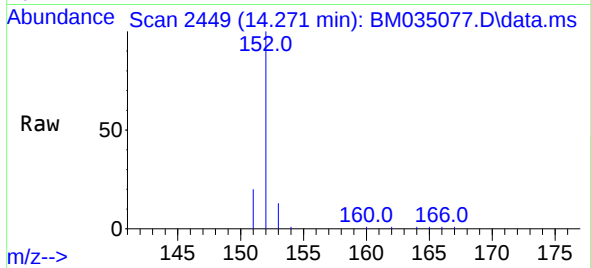
Tgt Ion:142 Resp: 7486
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4





#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

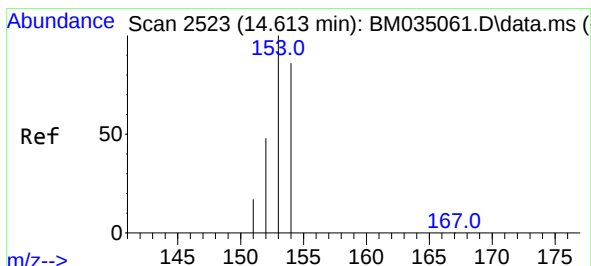
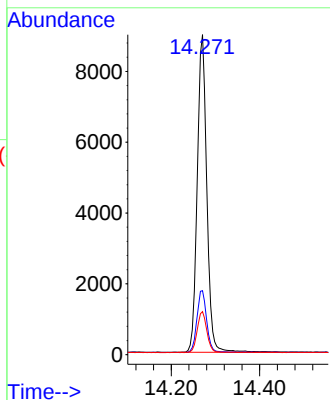
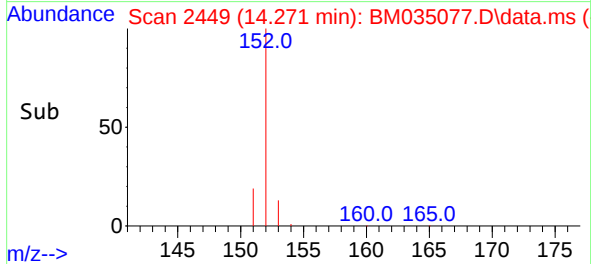
Instrument :
BNA_M
ClientSampleId :
SLCS662



Tgt Ion:152 Resp: 1345
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.5 15.0 22.4

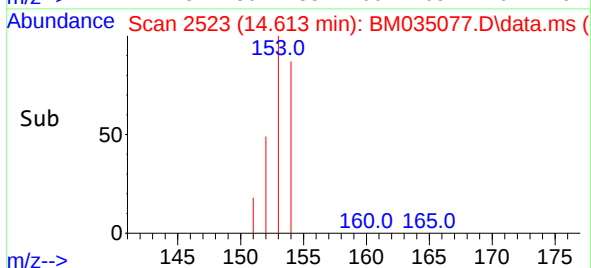
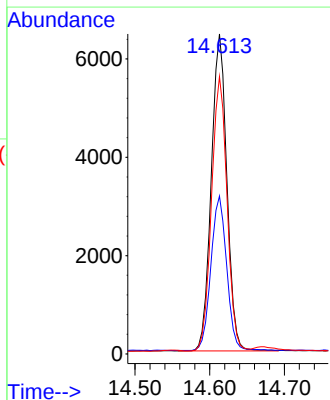
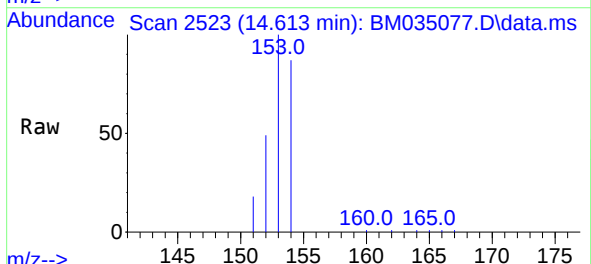
Manual Integrations
APPROVED

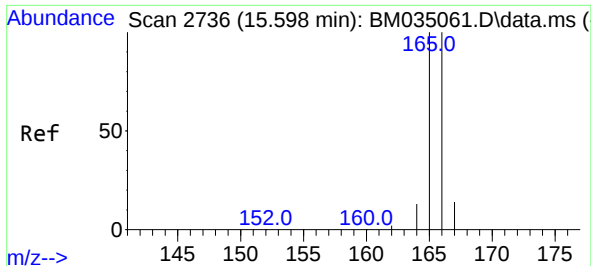
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022



#11
Acenaphthene
Concen: 0.283 ng/ul
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

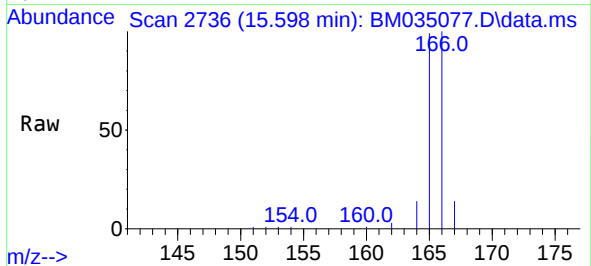
Tgt Ion:153 Resp: 9336
Ion Ratio Lower Upper
153 100
152 49.4 42.4 63.6
154 86.7 66.2 99.2





#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

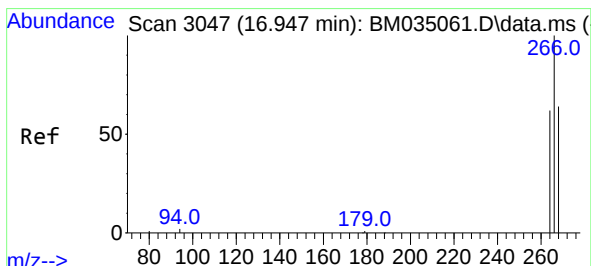
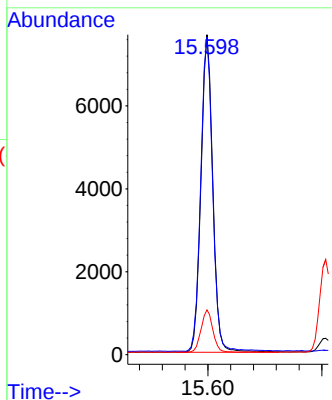
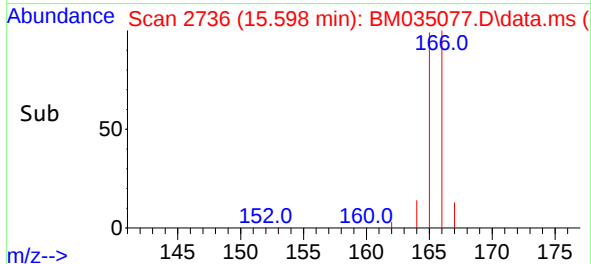
Instrument :
BNA_M
ClientSampleId :
SLCS662



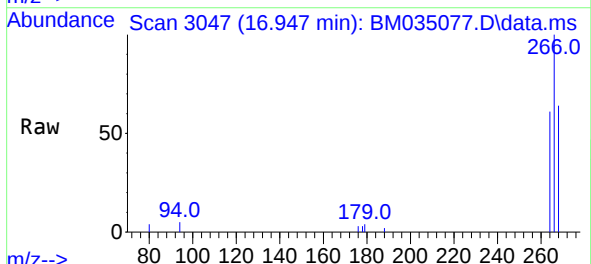
Tgt Ion:166 Resp: 10985
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 14.0 14.9 22.3

Manual Integrations
APPROVED

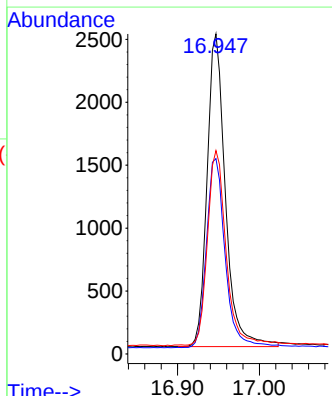
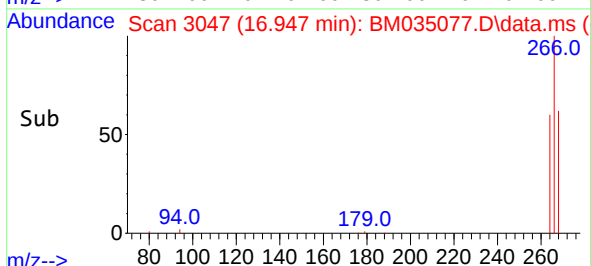
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

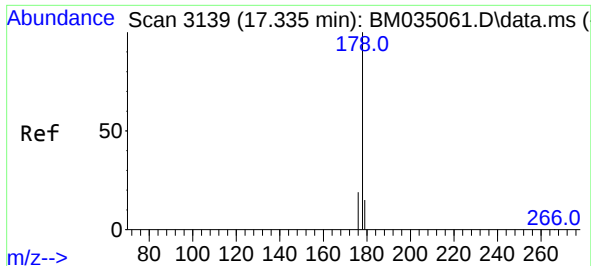


#14
Pentachlorophenol
Concen: 0.586 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05



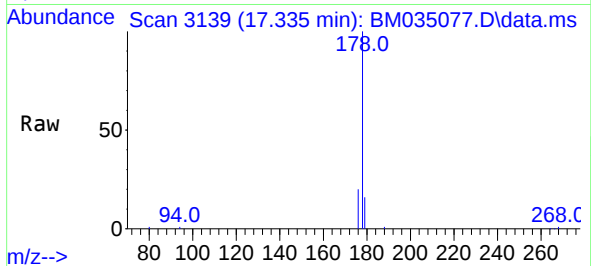
Tgt Ion:266 Resp: 3856
Ion Ratio Lower Upper
266 100
264 62.1 51.4 77.0
268 63.4 53.1 79.7





#15
Phenanthrene
Concen: 0.282 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

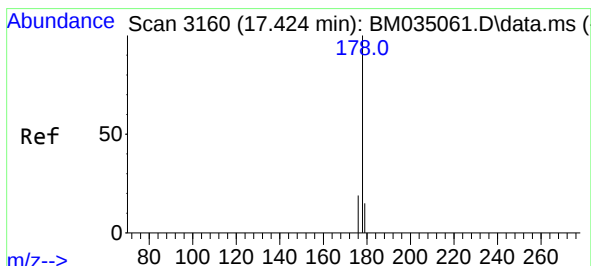
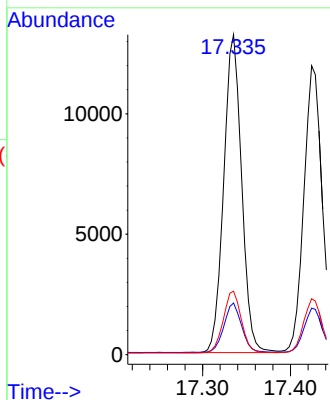
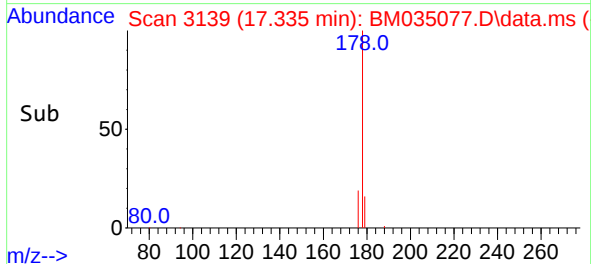
Instrument :
BNA_M
ClientSampleId :
SLCS662



Tgt Ion:	178	Resp:	1867
Ion Ratio	Lower	Upper	
178	100		
179	16.1	15.0	22.6
176	19.8	17.9	26.9

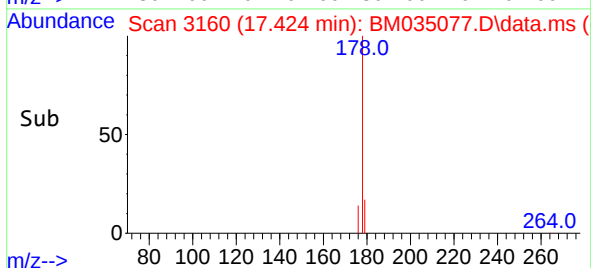
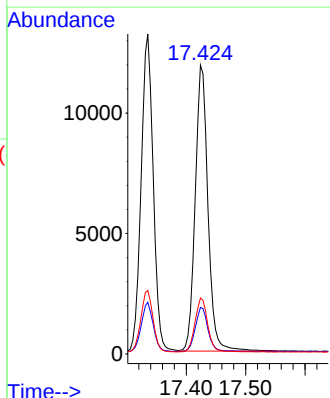
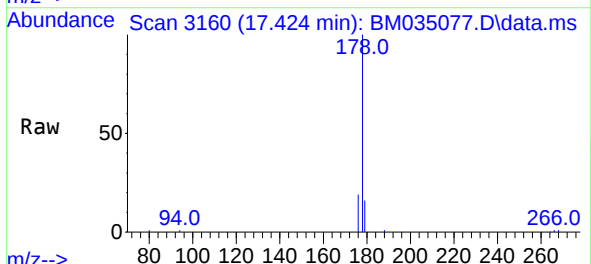
Manual Integrations
APPROVED

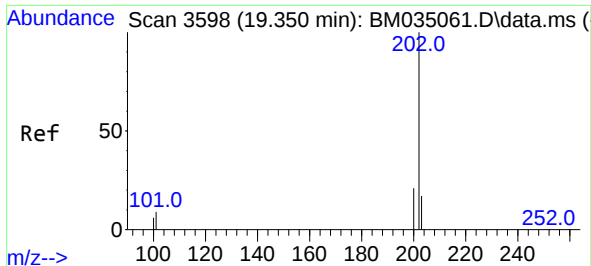
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022



#16
Anthracene
Concen: 0.292 ng/u1
RT: 17.424 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

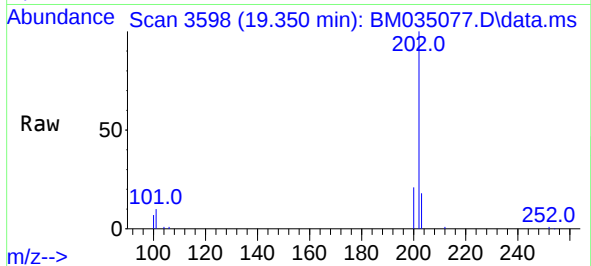
Tgt Ion:	178	Resp:	17660
Ion Ratio	Lower	Upper	
178	100		
179	16.1	16.5	24.7#
176	19.4	18.3	27.5





#19
Fluoranthene
Concen: 0.263 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

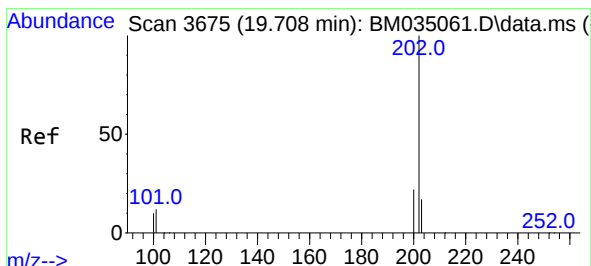
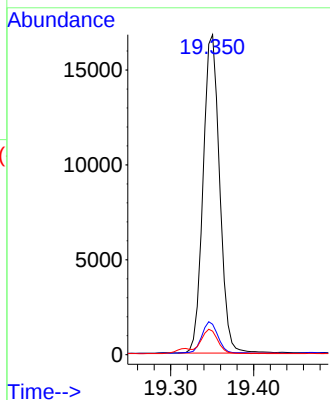
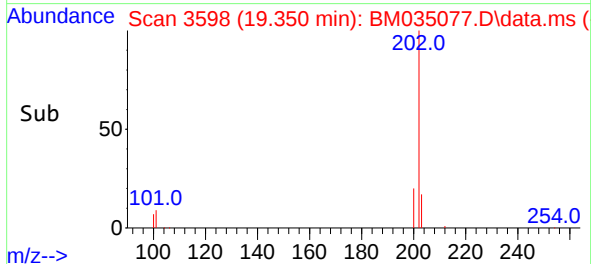
Instrument :
BNA_M
ClientSampleId :
SLCS662



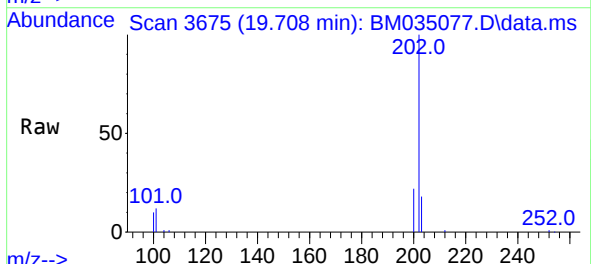
Tgt Ion:202 Resp: 23215
Ion Ratio Lower Upper
202 100
101 9.5 9.2 13.8
100 7.4 7.2 10.8

Manual Integrations
APPROVED

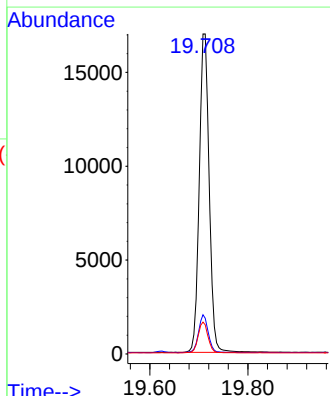
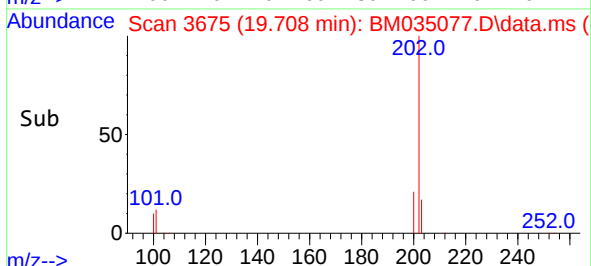
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

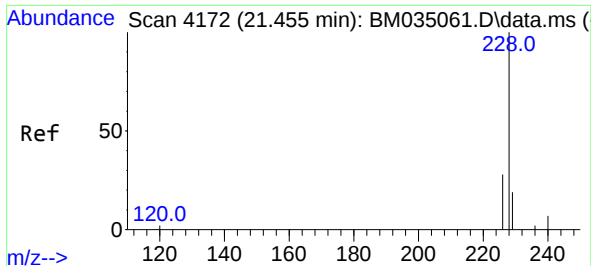


#20
Pyrene
Concen: 0.265 ng/u1
RT: 19.708 min Scan# 3675
Delta R.T. -0.004 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05



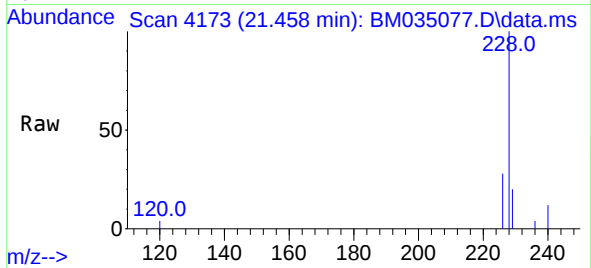
Tgt Ion:202 Resp: 23802
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.294 ng/u1
RT: 21.458 min Scan# 4172
Delta R.T. -0.001 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

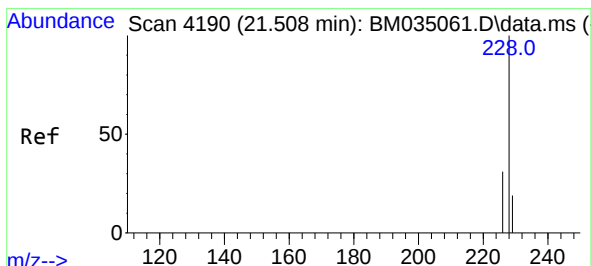
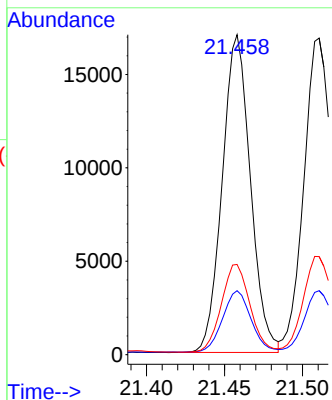
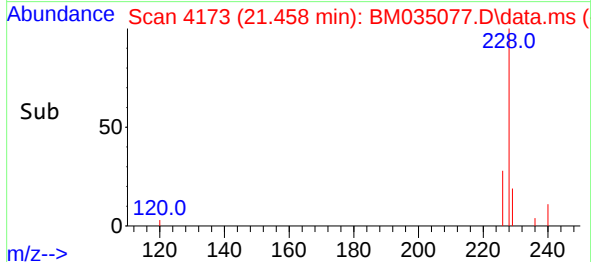
Instrument :
BNA_M
ClientSampleId :
SLCS662



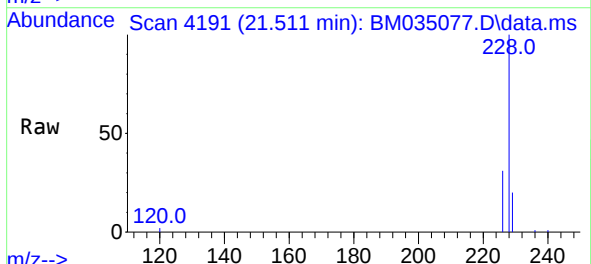
Tgt Ion:228 Resp: 21360
Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.2 23.2 34.8

Manual Integrations
APPROVED

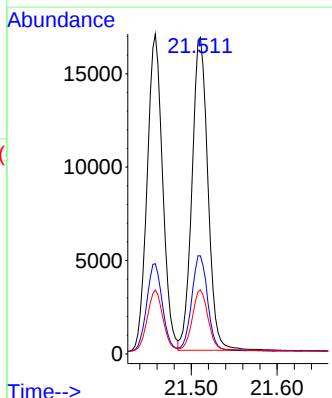
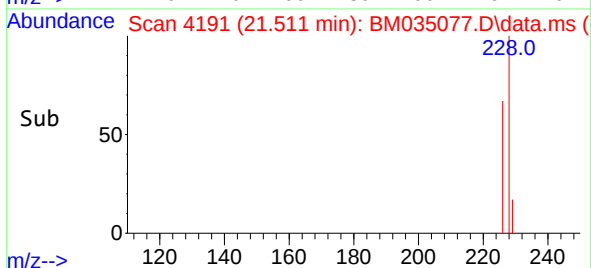
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

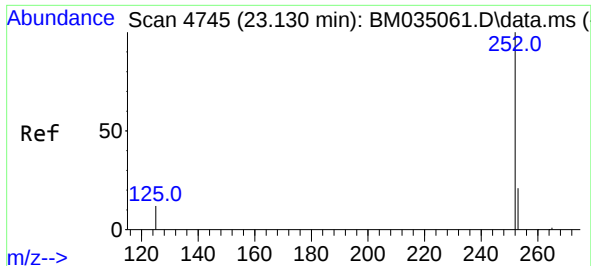


#22
Chrysene
Concen: 0.285 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. -0.001 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05



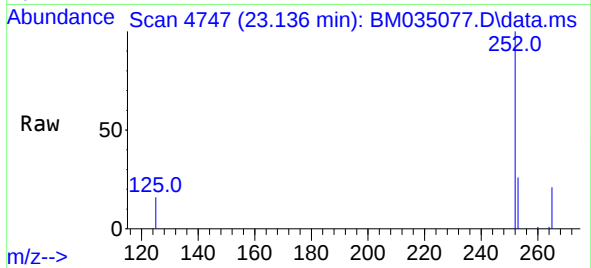
Tgt Ion:228 Resp: 21591
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 20.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 23.136 min Scan# 4745
Delta R.T. 0.002 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

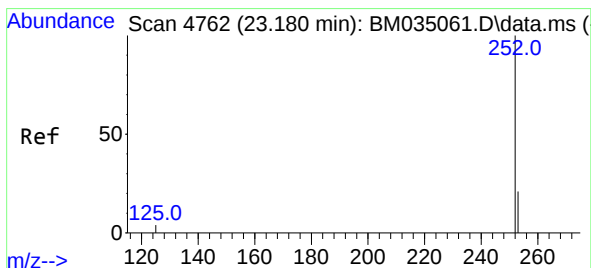
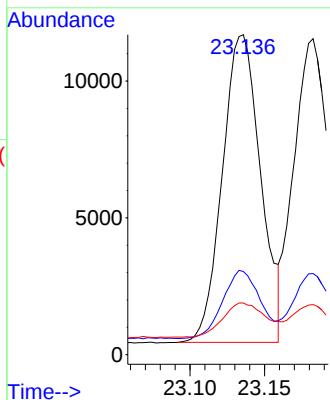
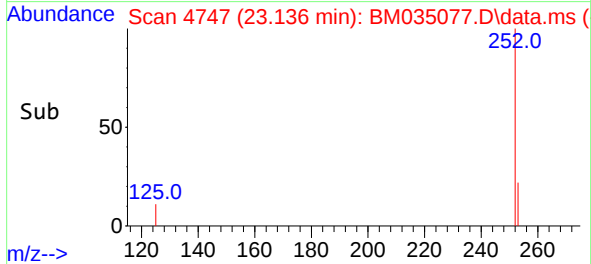
Instrument :
BNA_M
ClientSampleId :
SLCS662



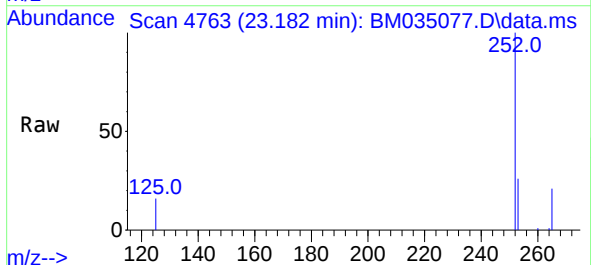
Tgt Ion:252 Resp: 2005
Ion Ratio Lower Upper
252 100
253 26.0 0.0 64.2
125 16.1 0.0 28.8

Manual Integrations
APPROVED

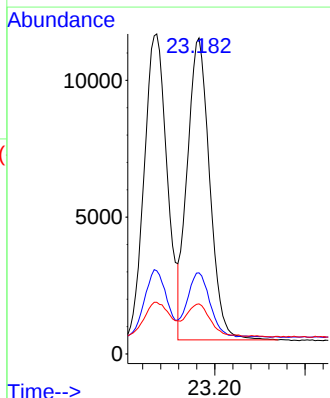
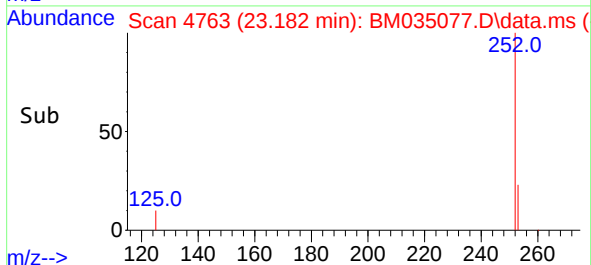
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

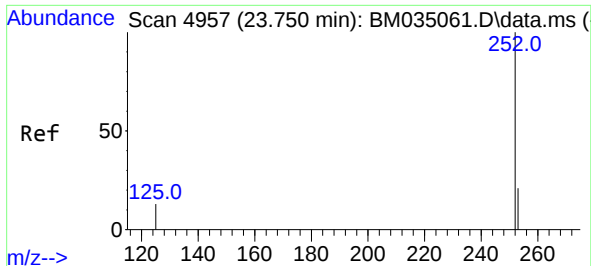


#25
Benzo(k)fluoranthene
Concen: 0.280 ng/ul
RT: 23.182 min Scan# 4763
Delta R.T. 0.002 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05



Tgt Ion:252 Resp: 18988
Ion Ratio Lower Upper
252 100
253 25.7 26.8 40.2#
125 15.8 12.0 18.0





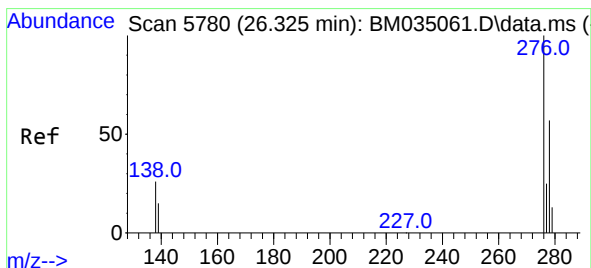
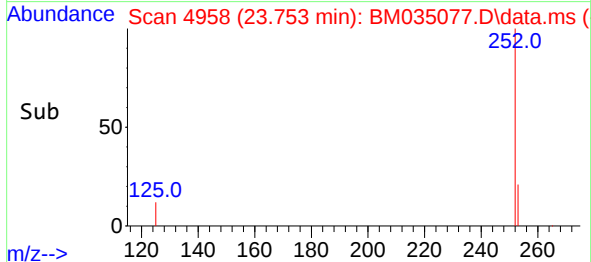
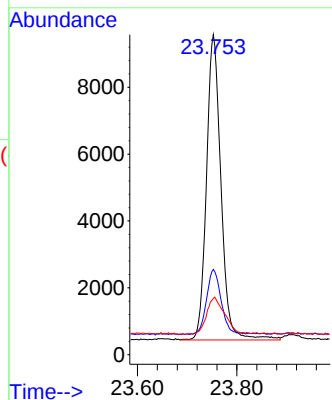
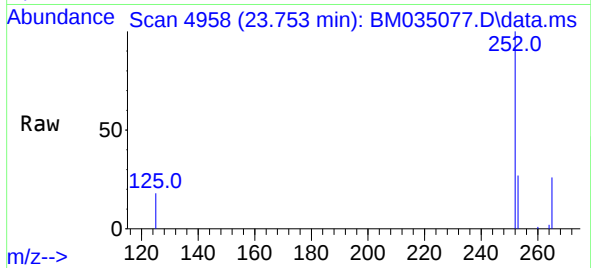
#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.002 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

Instrument :
BNA_M
ClientSampleId :
SLCS662

Tgt Ion:252 Resp: 18500
Ion Ratio Lower Upper
252 100
253 26.6 32.0 48.0#
125 17.6 14.5 21.7

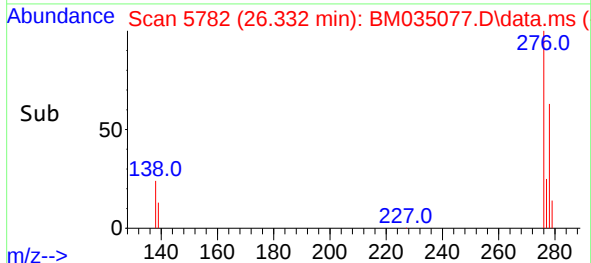
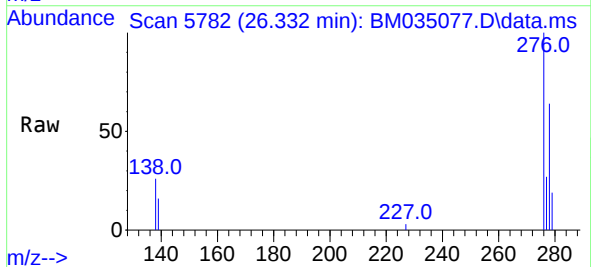
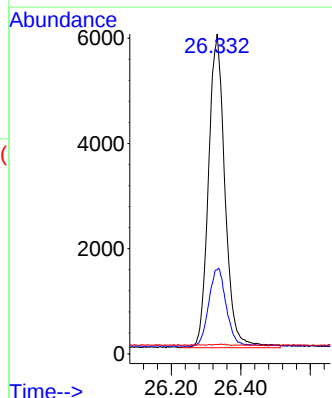
Manual Integrations
APPROVED

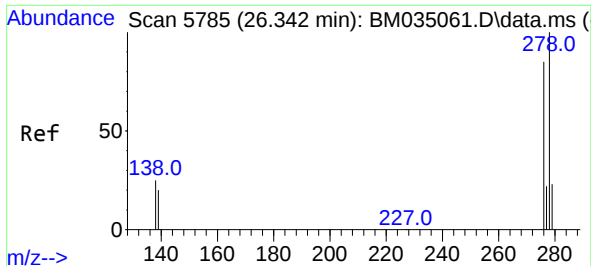
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. 0.006 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

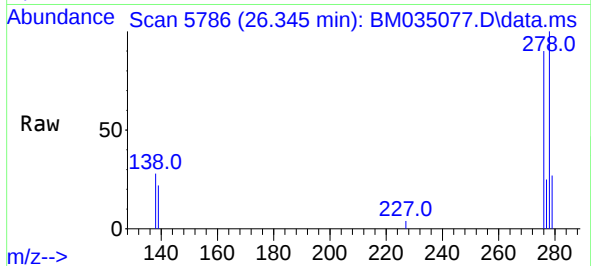
Tgt Ion:276 Resp: 19671
Ion Ratio Lower Upper
276 100
138 26.6 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.311 ng/ul
RT: 26.345 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05

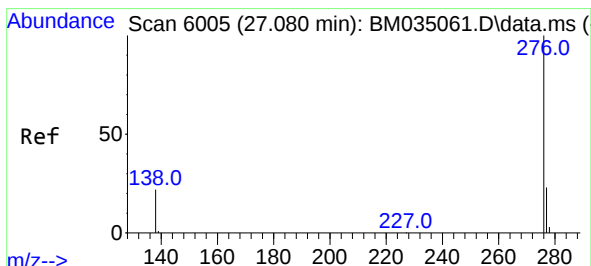
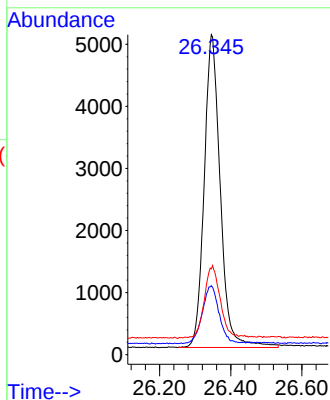
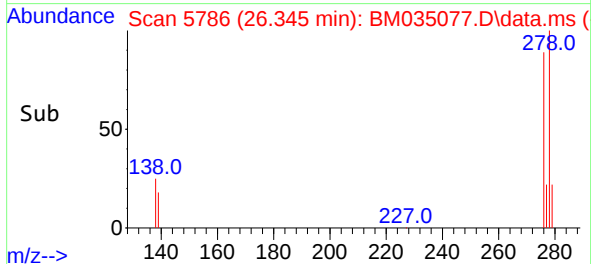
Instrument :
BNA_M
ClientSampleId :
SLCS662



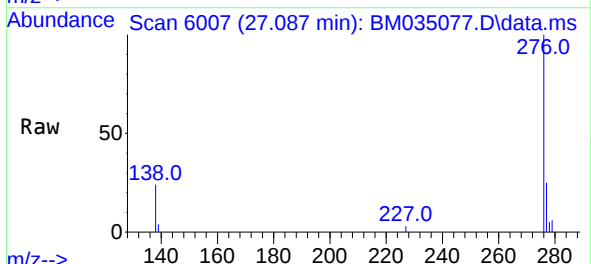
Tgt Ion:278 Resp: 15830
Ion Ratio Lower Upper
278 100
139 21.6 18.0 27.0
279 26.8 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.006 min
Lab File: BM035077.D
Acq: 14 May 2022 22:05



Tgt Ion:276 Resp: 16618
Ion Ratio Lower Upper
276 100
138 23.6 17.4 26.0
277 25.0 22.6 33.8

