

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034942.D
 Acq On : 04 May 2022 22:39
 Operator : CG/JU
 Sample : PB144569BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS569

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:14:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	13609	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	6792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	12118	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	8448	0.400	ng/ul #	0.00
23) Perylene-d12	23.853	264	8207	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	4147	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	7069	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	10732	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	10249m	1.869	ng/ul	
5) Naphthalene	10.776	128	13849	0.356	ng/ul#	88
7) 2-Methylnaphthalene	12.387	142	8584	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	8548	0.336	ng/ul	99
10) Acenaphthylene	14.274	152	11883	0.400	ng/ul#	90
11) Acenaphthene	14.617	153	9062	0.361	ng/ul	97
12) Fluorene	15.602	166	9608	0.340	ng/ul#	98
14) Pentachlorophenol	16.950	266	2461	0.685	ng/ul	96
15) Phenanthrene	17.338	178	14412	0.360	ng/ul	95
16) Anthracene	17.431	178	12449	0.349	ng/ul#	93
19) Fluoranthene	19.349	202	15707	0.387	ng/ul	99
20) Pyrene	19.712	202	15659	0.384	ng/ul	98
21) Benzo(a)anthracene	21.456	228	12363	0.376	ng/ul	98
22) Chrysene	21.508	228	13867	0.396	ng/ul	98
24) Benzo(b)fluoranthene	23.131	252	13763	0.367	ng/ul	91
25) Benzo(k)fluoranthene	23.177	252	13515	0.361	ng/ul#	90
26) Benzo(a)pyrene	23.750	252	13006	0.425	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.326	276	16085	0.375	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.346	278	13067	0.374	ng/ul	92
29) Benzo(g,h,i)perylene	27.081	276	14001	0.378	ng/ul	93

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

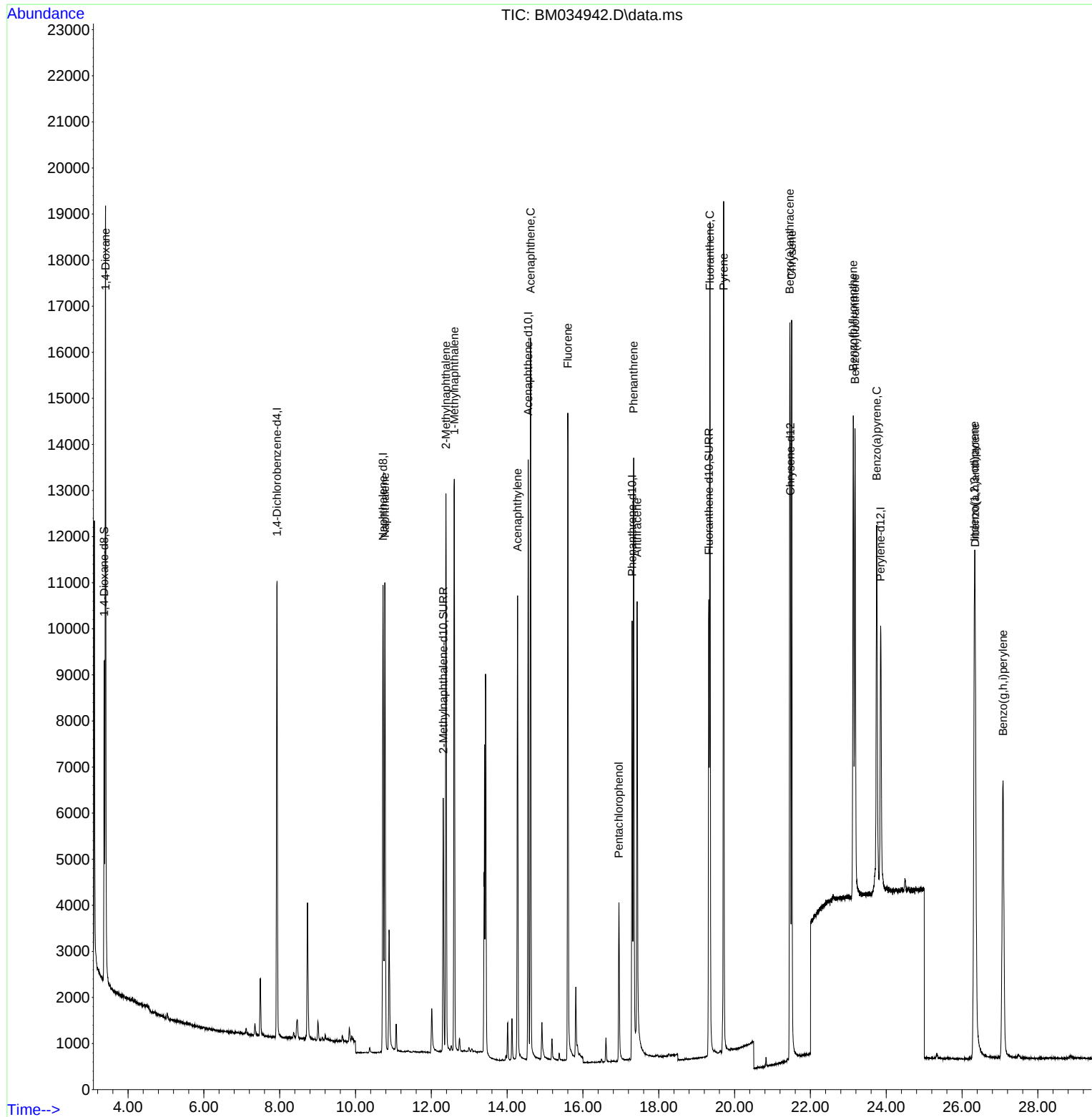
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034942.D
Acq On : 04 May 2022 22:39
Operator : CG/JU
Sample : PB144569BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

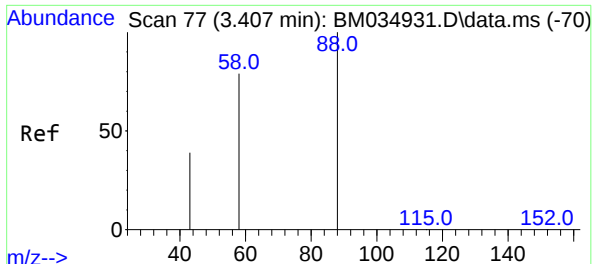
Instrument :
BNA_M
ClientSampleId :
SLCS569

Manual Integrations
APPROVED

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

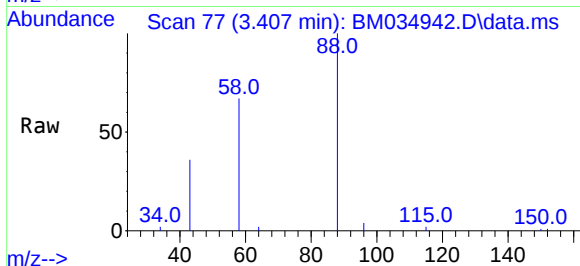
Quant Time: May 05 04:14:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.869 ng/ul m
RT: 3.407 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

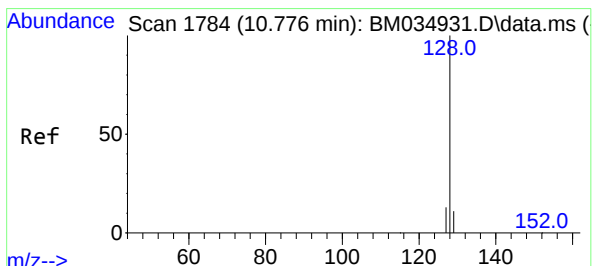
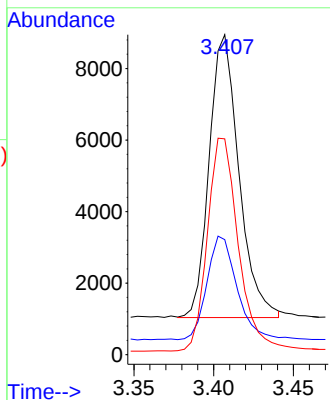
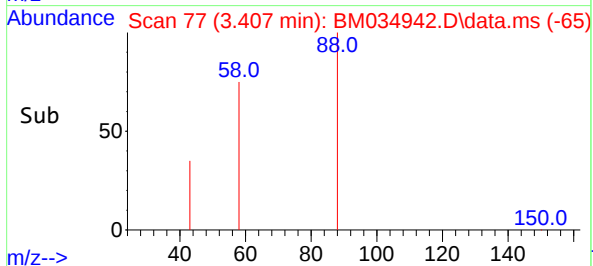
Instrument :
BNA_M
ClientSampleId :
SLCS569



Tgt Ion: 88 Resp: 10249
Ion Ratio Lower Upper
88 100
43 35.9 49.7 74.5#
58 67.5 52.5 78.7#

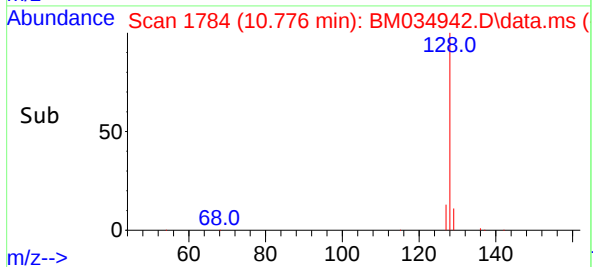
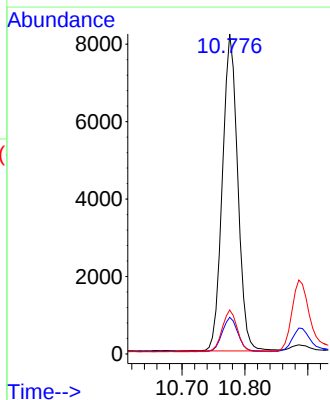
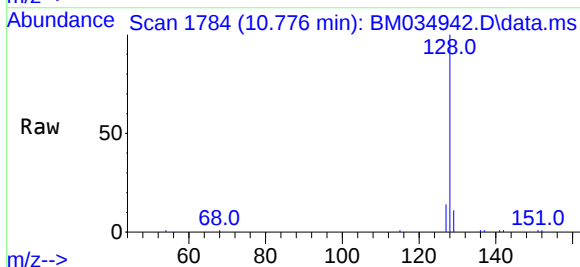
Manual Integrations
APPROVED

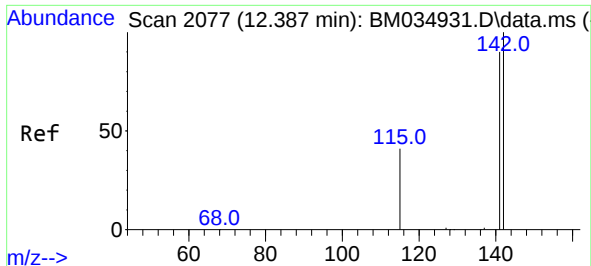
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

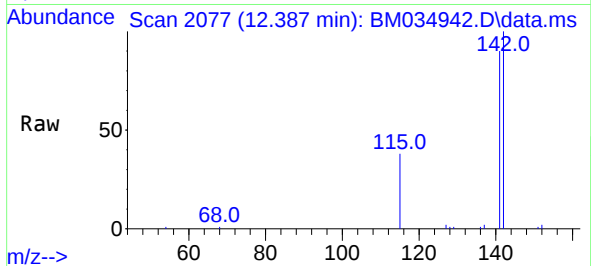
Tgt Ion:128 Resp: 13849
Ion Ratio Lower Upper
128 100
129 11.5 13.4 20.2#
127 13.7 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

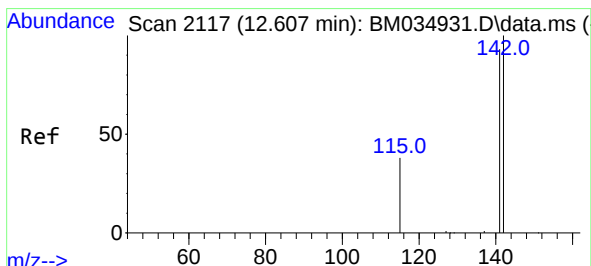
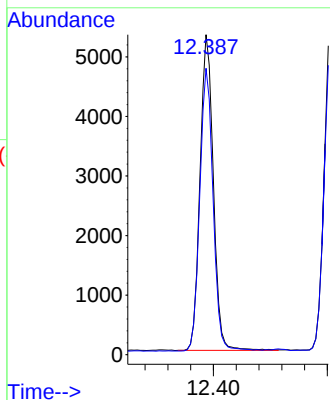
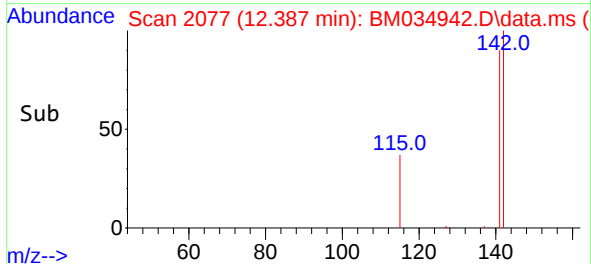
Instrument :
BNA_M
ClientSampleId :
SLCS569



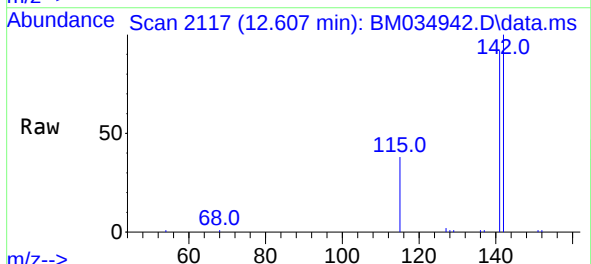
Tgt Ion:142 Resp: 8584
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6

Manual Integrations
APPROVED

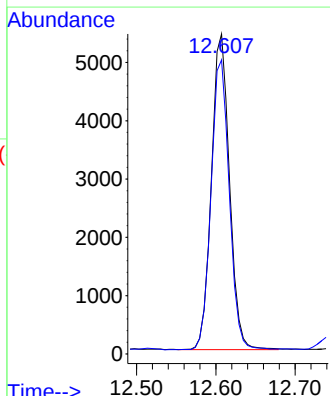
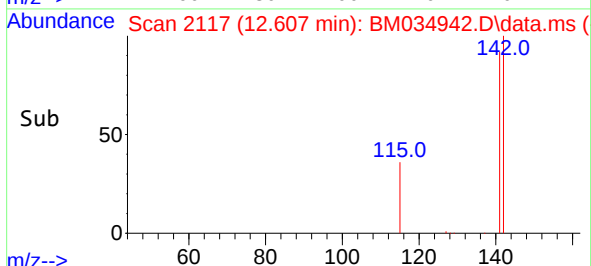
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

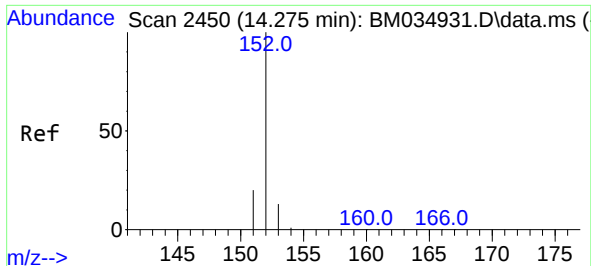


#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39



Tgt Ion:142 Resp: 8548
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4





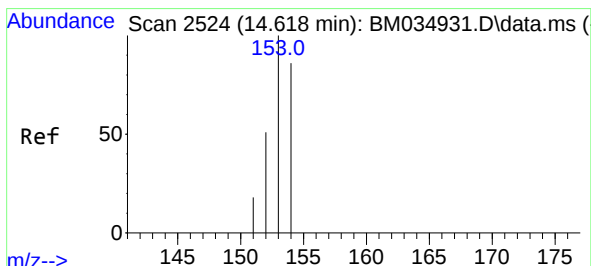
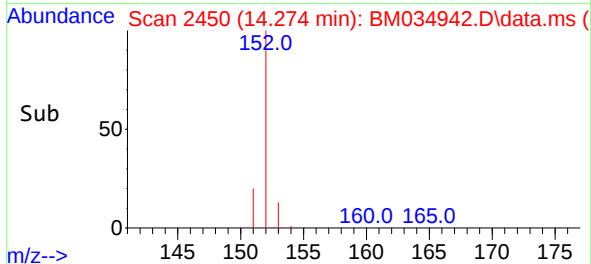
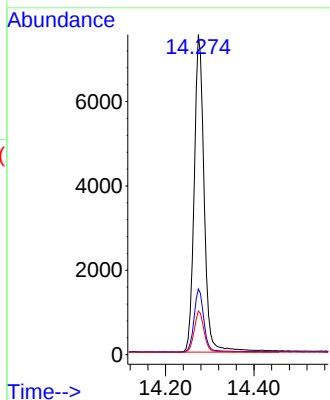
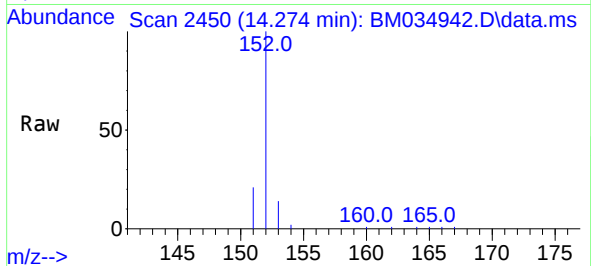
#10
Acenaphthylene
Concen: 0.400 ng/u1
RT: 14.274 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS569

Tgt Ion:152 Resp: 1188
Ion Ratio Lower Upper
152 100
151 20.5 19.9 29.9
153 13.6 15.0 22.4

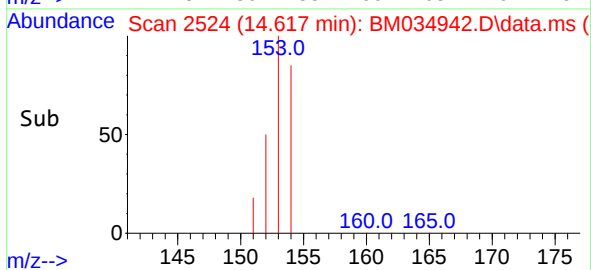
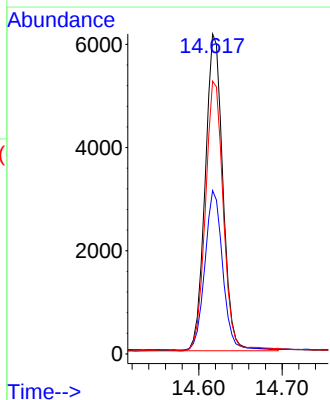
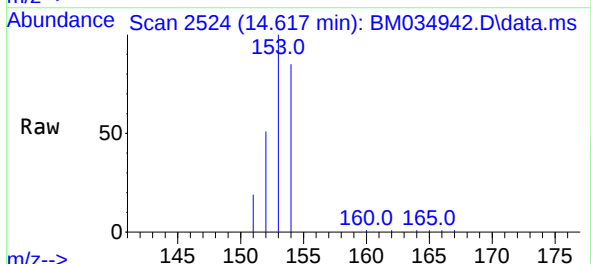
Manual Integrations
APPROVED

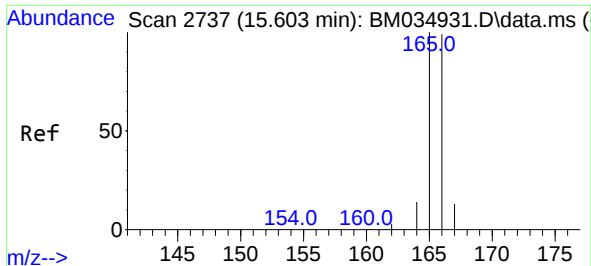
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022



#11
Acenaphthene
Concen: 0.361 ng/u1
RT: 14.617 min Scan# 2524
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

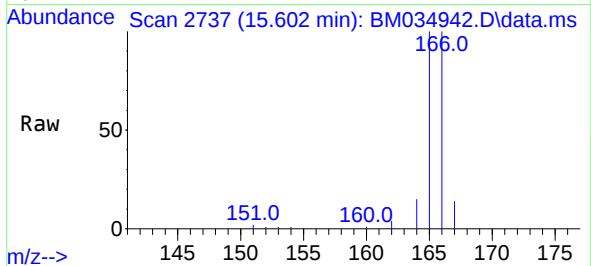
Tgt Ion:153 Resp: 9062
Ion Ratio Lower Upper
153 100
152 51.1 42.4 63.6
154 85.3 66.2 99.2





#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

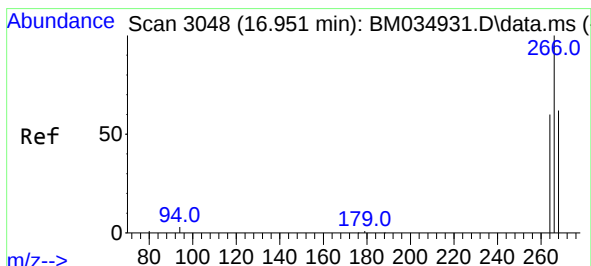
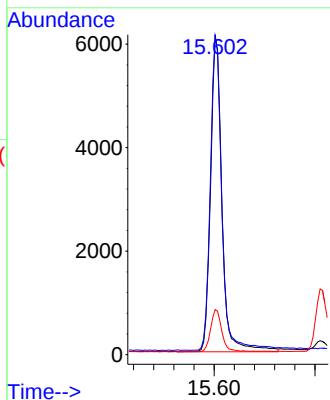
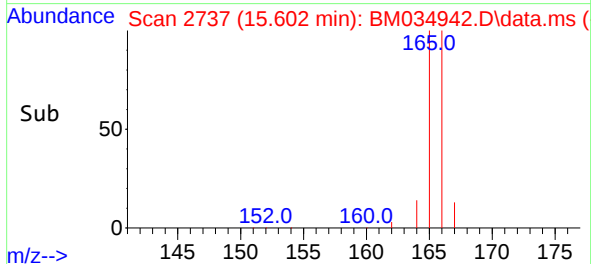
Instrument :
BNA_M
ClientSampleId :
SLCS569



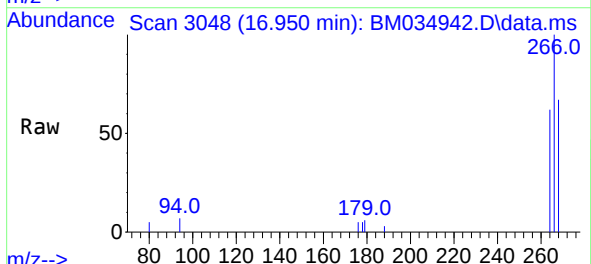
Tgt Ion:166 Resp: 960
Ion Ratio Lower Upper
166 100
165 100.5 81.1 121.7
167 14.2 14.9 22.3

Manual Integrations
APPROVED

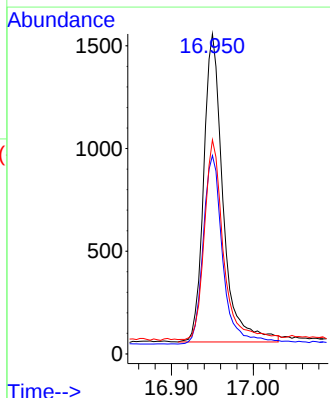
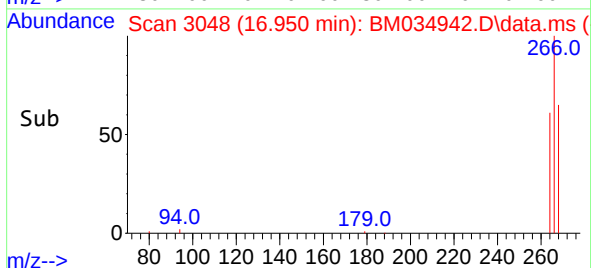
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

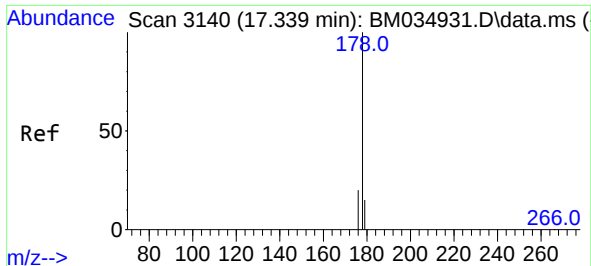


#14
Pentachlorophenol
Concen: 0.685 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39



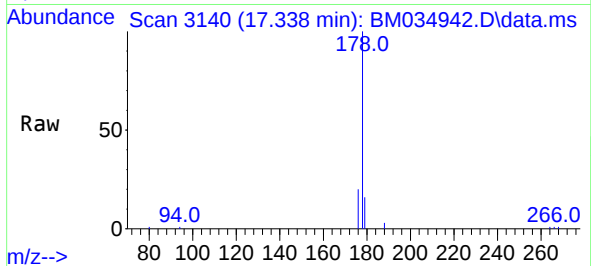
Tgt Ion:266 Resp: 2461
Ion Ratio Lower Upper
266 100
264 61.9 51.4 77.0
268 63.0 53.1 79.7





#15
Phenanthrene
Concen: 0.360 ng/u1
RT: 17.338 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

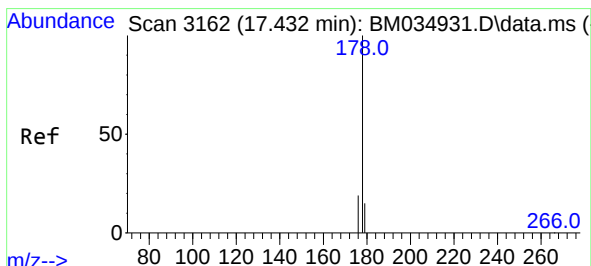
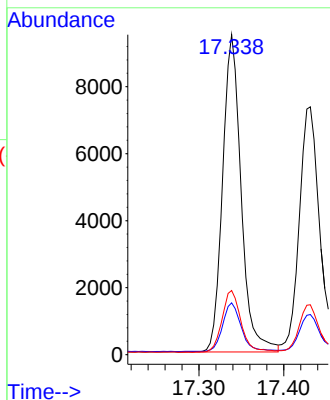
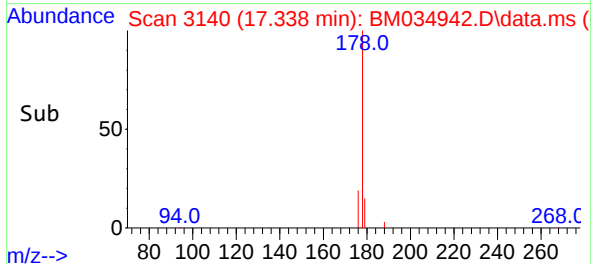
Instrument :
BNA_M
ClientSampleId :
SLCS569



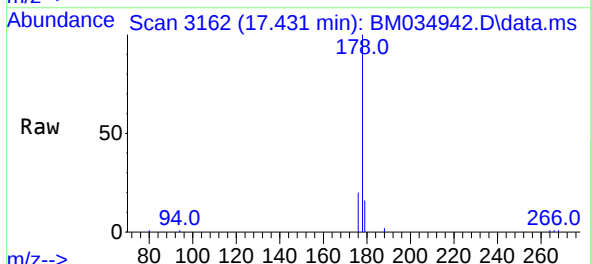
Tgt Ion:178 Resp: 14412
Ion Ratio Lower Upper
178 100
179 16.2 15.0 22.6
176 20.0 17.9 26.9

Manual Integrations
APPROVED

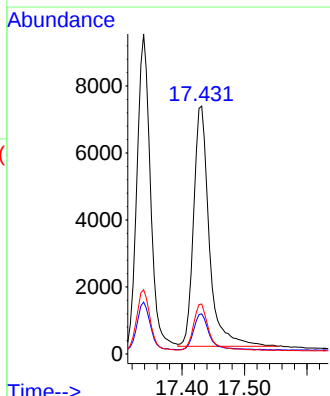
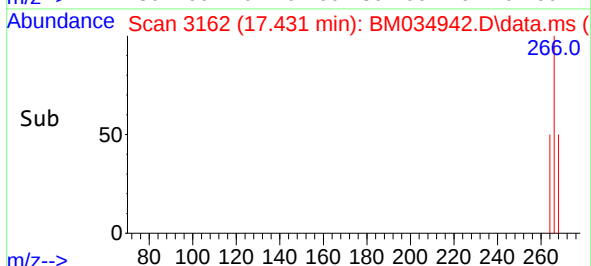
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

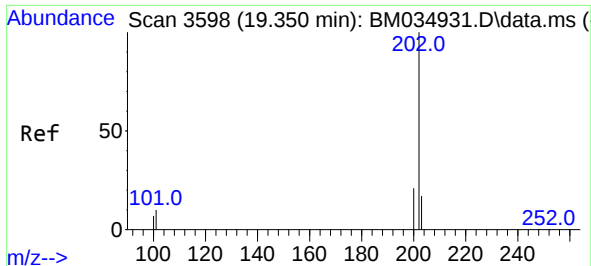


#16
Anthracene
Concen: 0.349 ng/u1
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39



Tgt Ion:178 Resp: 12449
Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 20.2 18.3 27.5





#19

Fluoranthene

Concen: 0.387 ng/u1

RT: 19.349 min Scan# 3598

Delta R.T. -0.006 min

Lab File: BM034942.D

Acq: 04 May 2022 22:39

Instrument :

BNA_M

ClientSampleId :

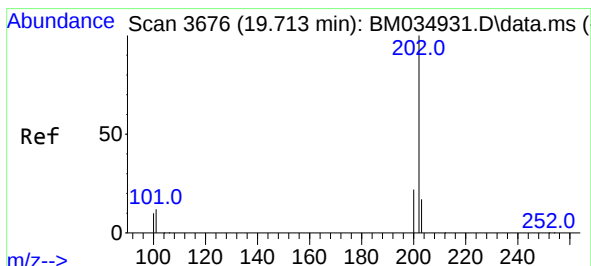
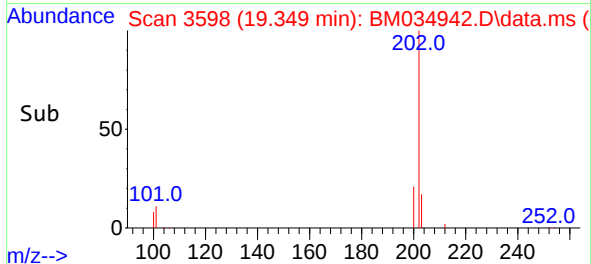
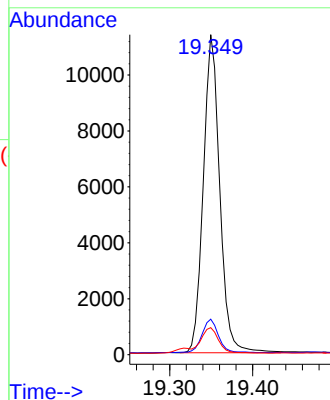
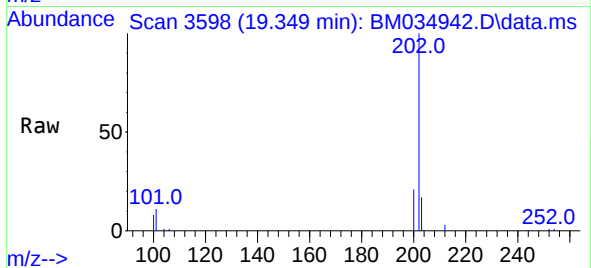
SLCS569

Tgt Ion:	202	Resp:	1570
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.2	13.8
100	8.5	7.2	10.8

Manual Integrations

APPROVED

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



#20

Pyrene

Concen: 0.384 ng/u1

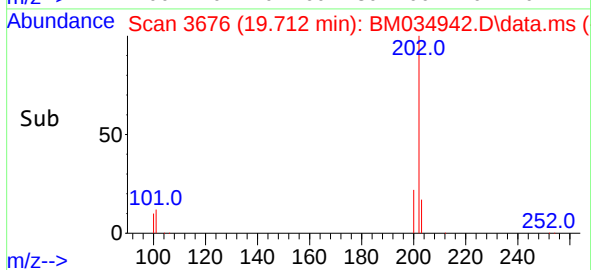
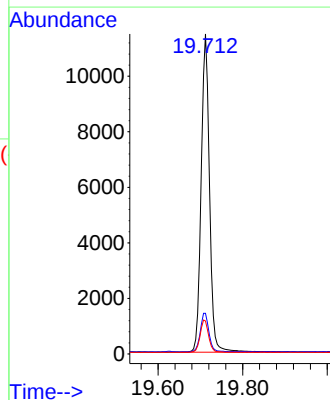
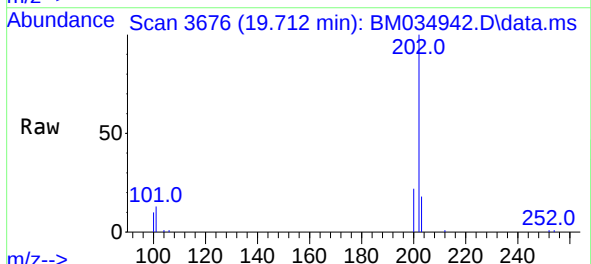
RT: 19.712 min Scan# 3676

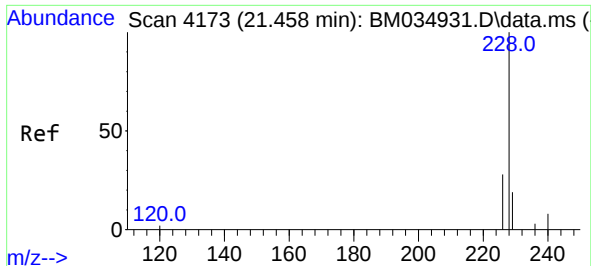
Delta R.T. -0.001 min

Lab File: BM034942.D

Acq: 04 May 2022 22:39

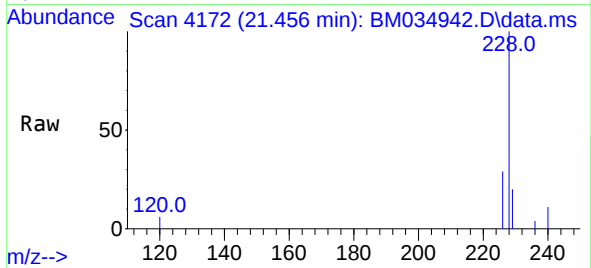
Tgt Ion:	202	Resp:	15659
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.3	13.9
100	10.3	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.376 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.002 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

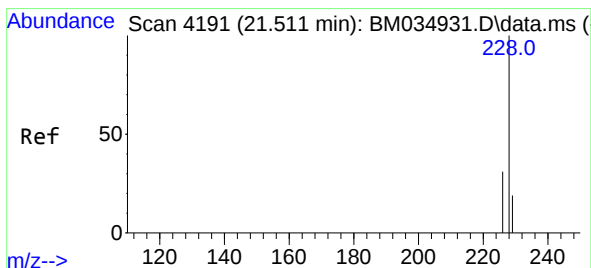
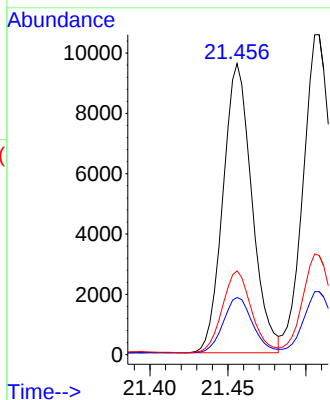
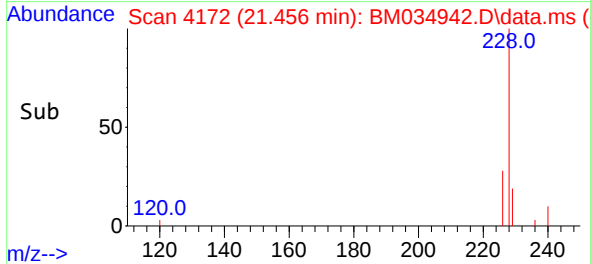
Instrument :
BNA_M
ClientSampleId :
SLCS569



Tgt Ion:228 Resp: 1236
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 28.8 23.2 34.8

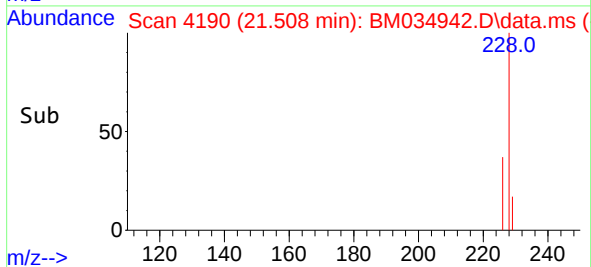
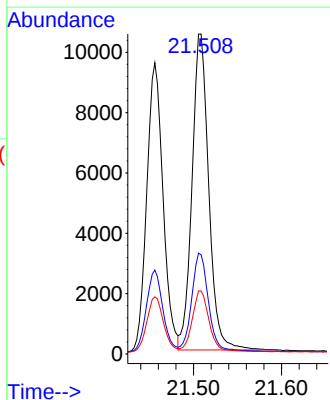
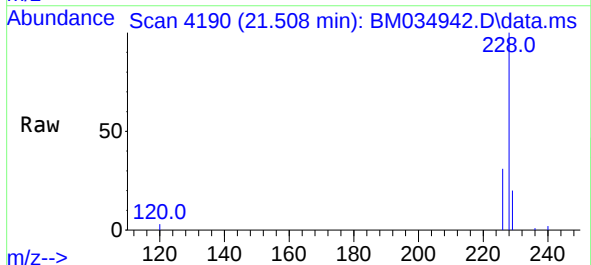
Manual Integrations
APPROVED

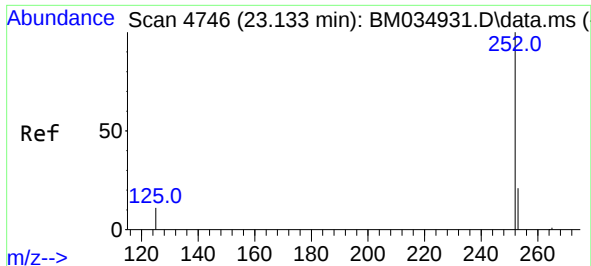
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022



#22
Chrysene
Concen: 0.396 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

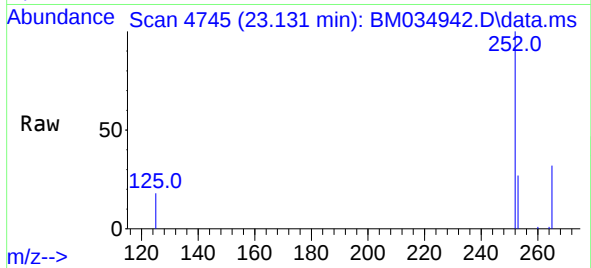
Tgt Ion:228 Resp: 13867
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 19.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.005 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

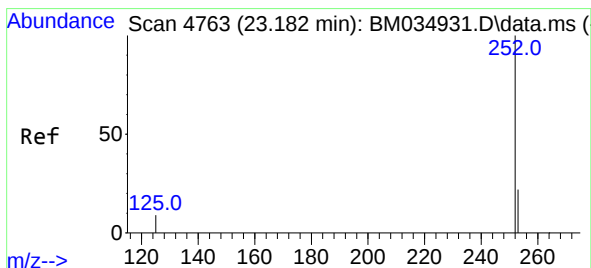
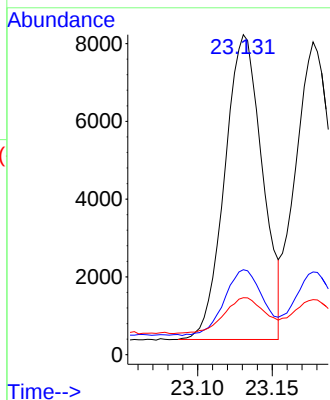
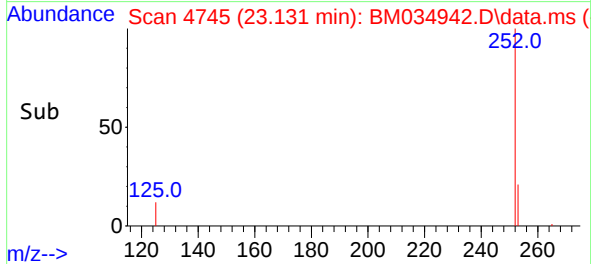
Instrument :
BNA_M
ClientSampleId :
SLCS569



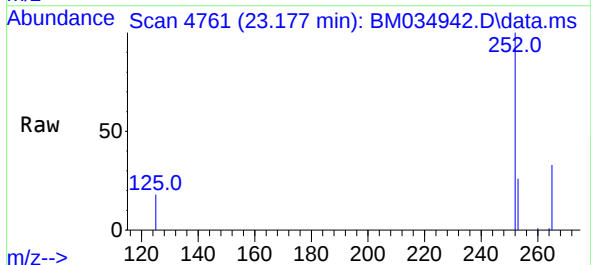
Tgt Ion:252 Resp: 1376
Ion Ratio Lower Upper
252 100
253 26.5 0.0 64.2
125 17.8 0.0 28.8

Manual Integrations
APPROVED

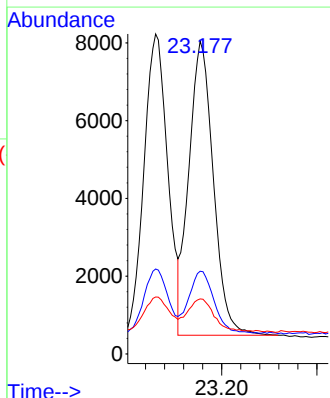
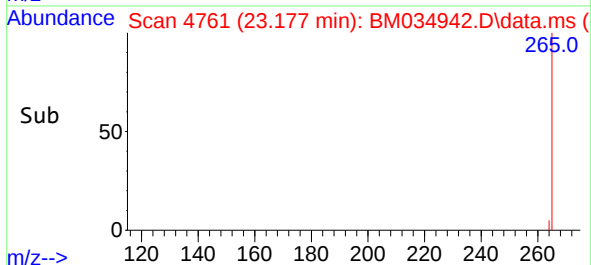
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

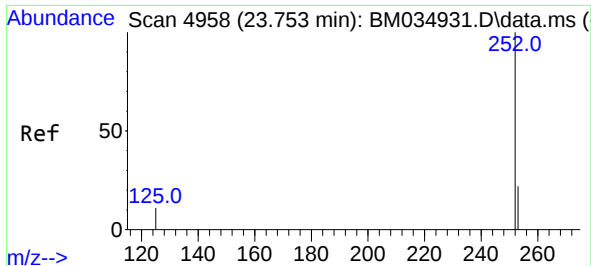


#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.177 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39



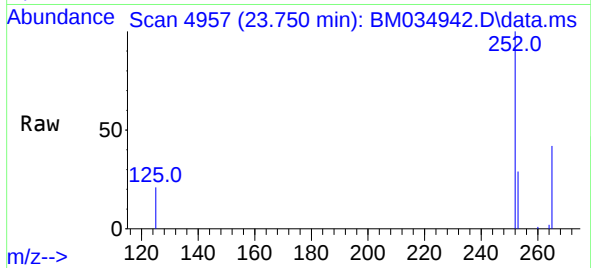
Tgt Ion:252 Resp: 13515
Ion Ratio Lower Upper
252 100
253 26.5 26.8 40.2#
125 17.6 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.750 min Scan# 4958
Delta R.T. -0.005 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

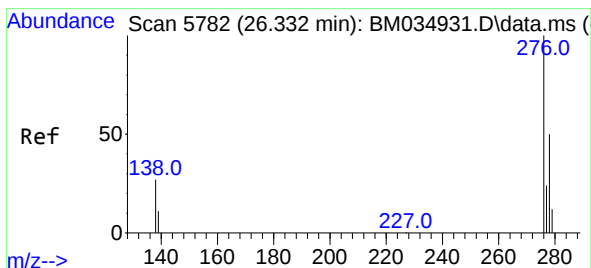
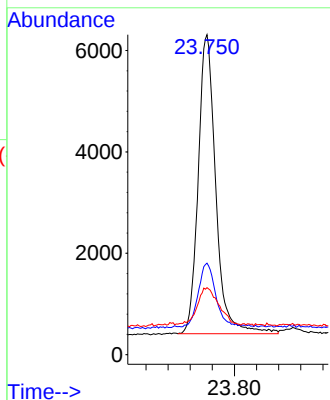
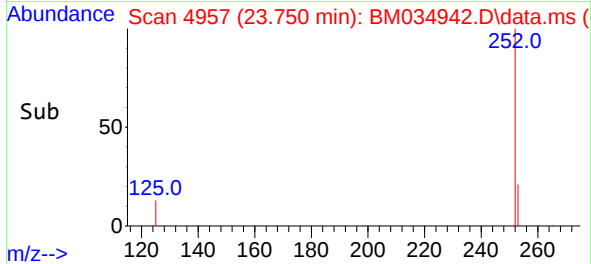
Instrument :
BNA_M
ClientSampleId :
SLCS569



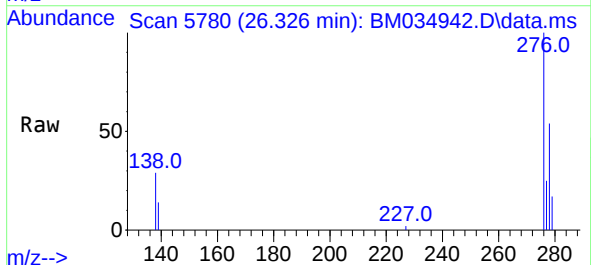
Tgt Ion:252 Resp: 13000
Ion Ratio Lower Upper
252 100
253 28.6 32.0 48.0#
125 21.0 14.5 21.7

Manual Integrations
APPROVED

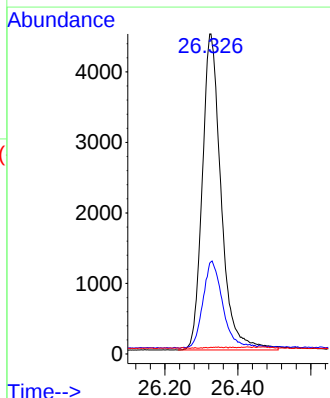
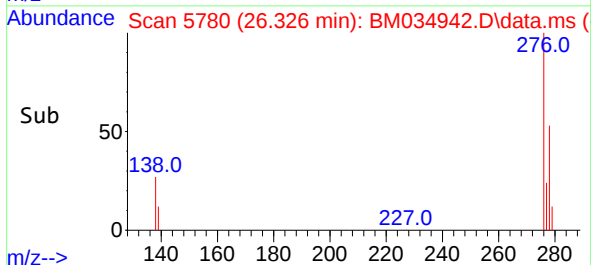
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

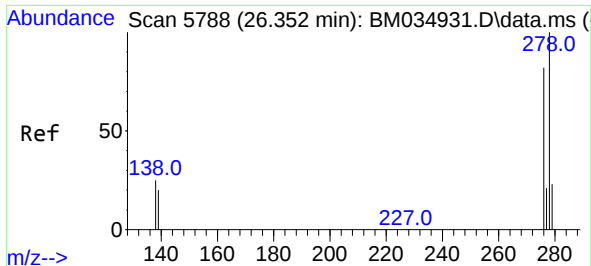


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.009 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39



Tgt Ion:276 Resp: 16085
Ion Ratio Lower Upper
276 100
138 28.9 15.8 23.6#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.346 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

Instrument :

BNA_M

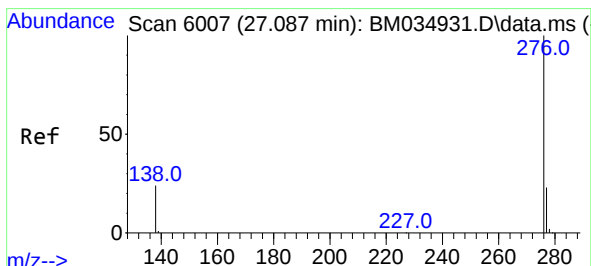
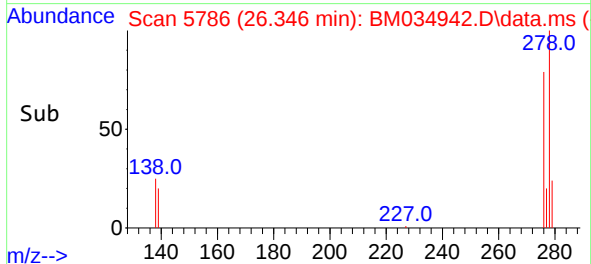
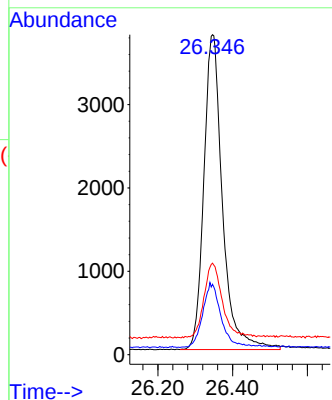
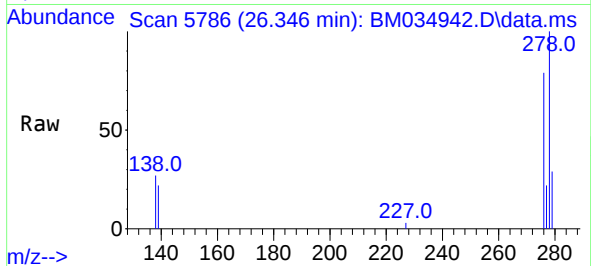
ClientSampleId :

SLCS569

Tgt Ion:278 Resp: 1306
Ion Ratio Lower Upper
278 100
139 22.0 18.0 27.0
279 28.6 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.006 min
Lab File: BM034942.D
Acq: 04 May 2022 22:39

Tgt Ion:276 Resp: 14001
Ion Ratio Lower Upper
276 100
138 26.0 17.4 26.0
277 24.9 22.6 33.8

