

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034646.D
 Acq On : 13 Apr 2022 06:46
 Operator : CG/JU
 Sample : PB143967BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS967

Manual Integrations
 APPROVED

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

Quant Time: Apr 13 07:47:29 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	1228	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	4463	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.534	164	2099	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3118	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	3064	0.400	ng/ul	# 0.00
23) Perylene-d12	23.846	264	2587	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2088	0.981	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	2126	0.359	ng/ul	0.02
18) Fluoranthene-d10	19.308	212	3878	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	5196	2.465	ng/ul#	80
5) Naphthalene	10.771	128	4576	0.354	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	2527	0.328	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	2663	0.342	ng/ul	98
10) Acenaphthylene	14.256	152	4340	0.440	ng/ul	96
11) Acenaphthene	14.594	153	3227	0.409	ng/ul	96
12) Fluorene	15.593	166	3118	0.385	ng/ul	96
14) Pentachlorophenol	16.951	266	860	0.711	ng/ul	97
15) Phenanthrene	17.327	178	4045	0.402	ng/ul	98
16) Anthracene	17.436	178	2611	0.339	ng/ul	94
19) Fluoranthene	19.336	202	5041	0.398	ng/ul#	92
20) Pyrene	19.699	202	6275	0.420	ng/ul#	92
21) Benzo(a)anthracene	21.469	228	2329m	0.364	ng/ul	
22) Chrysene	21.499	228	3418	0.423	ng/ul	98
24) Benzo(b)fluoranthene	23.121	252	3214m	0.378	ng/ul	
25) Benzo(k)fluoranthene	23.168	252	3255	0.382	ng/ul#	78
26) Benzo(a)pyrene	23.744	252	4484	0.459	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.338	276	5365	0.414	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.379	278	3939	0.420	ng/ul#	51
29) Benzo(g,h,i)perylene	27.076	276	6158	0.436	ng/ul#	93

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

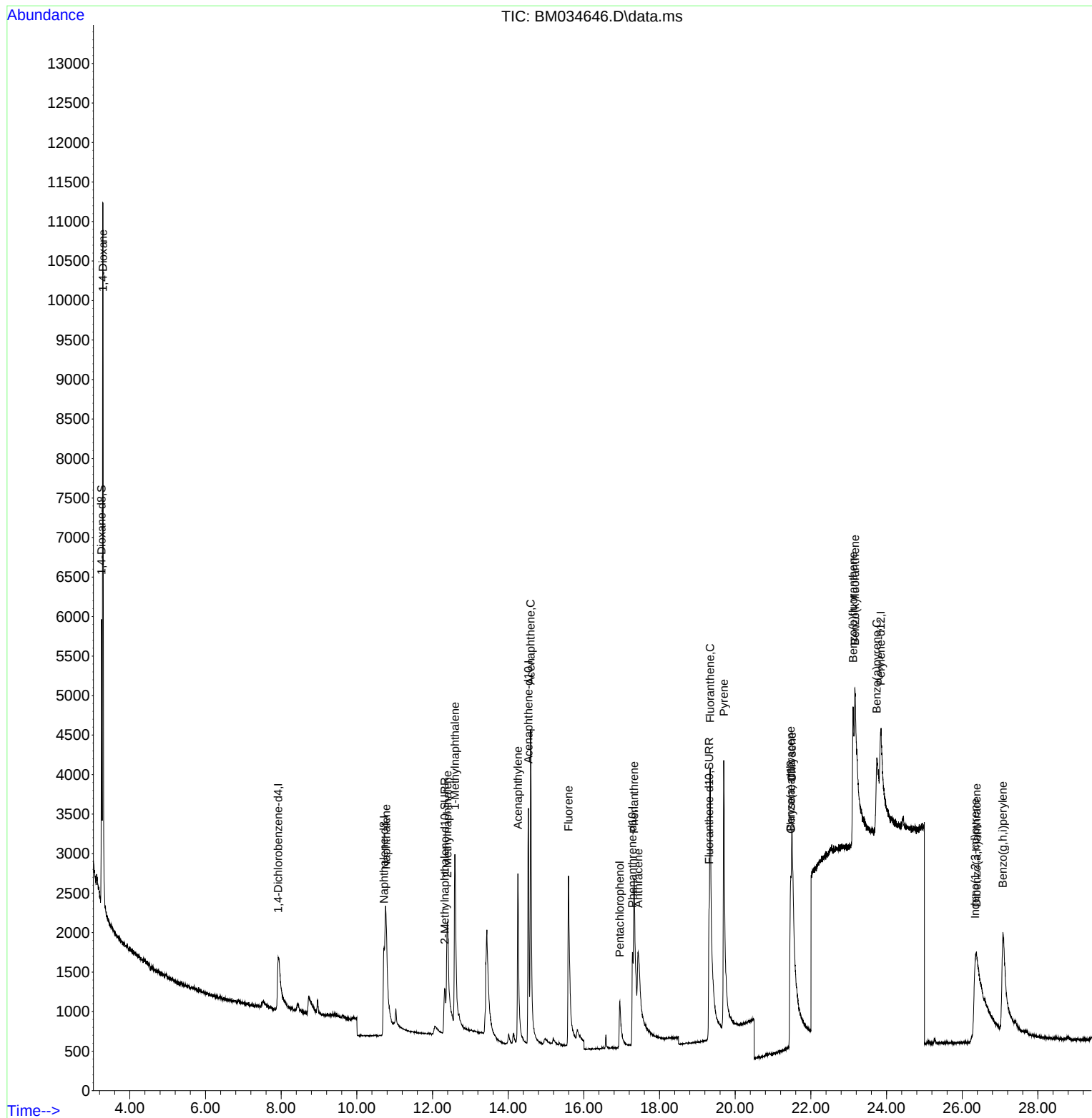
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034646.D
Acq On : 13 Apr 2022 06:46
Operator : CG/JU
Sample : PB143967BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS967

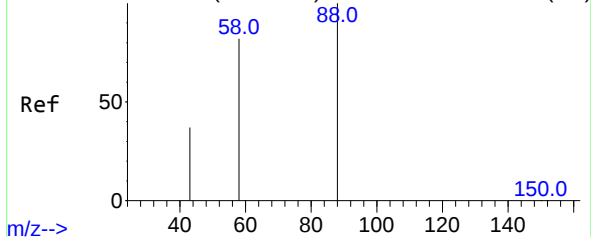
Manual Integrations
APPROVED

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

Quant Time: Apr 13 07:47:29 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

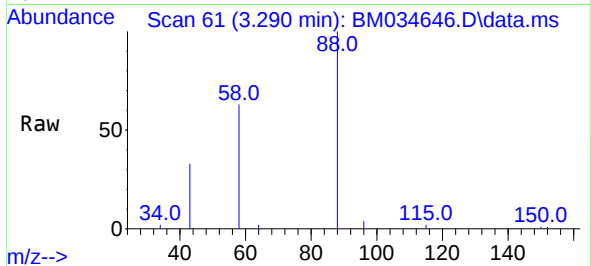


Abundance Scan 62 (3.294 min): BM034630.D\data.ms (-56)



#2
1,4-Dioxane
Concen: 2.465 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

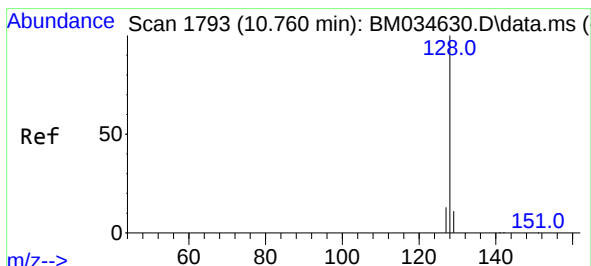
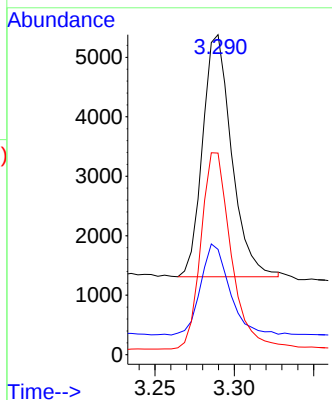
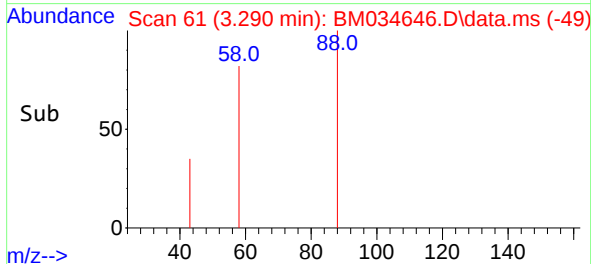
Instrument :
BNA_M
ClientSampleId :
SLCS967



Tgt Ion: 88 Resp: 5190
Ion Ratio Lower Upper
88 100
43 32.9 49.7 74.5
58 63.0 52.5 78.7

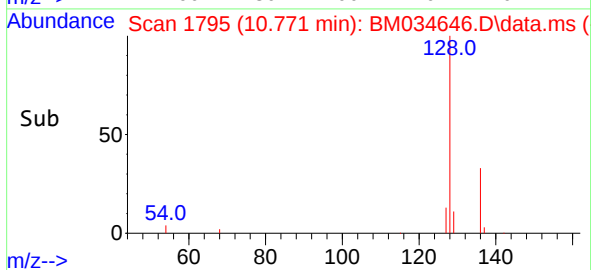
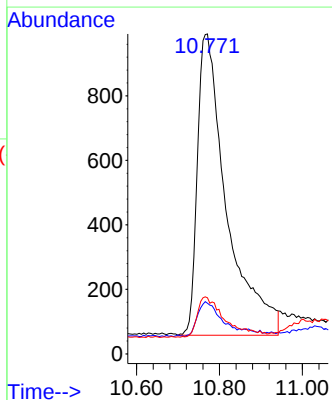
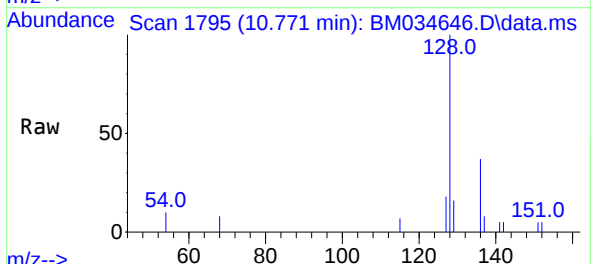
Manual Integrations
APPROVED

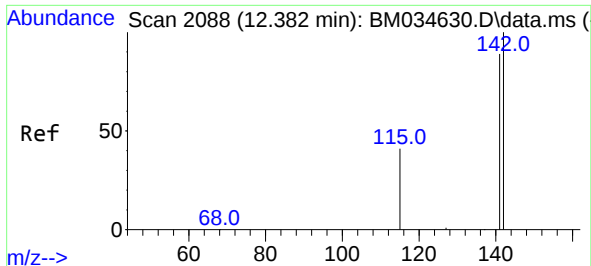
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.771 min Scan# 1795
Delta R.T. 0.017 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

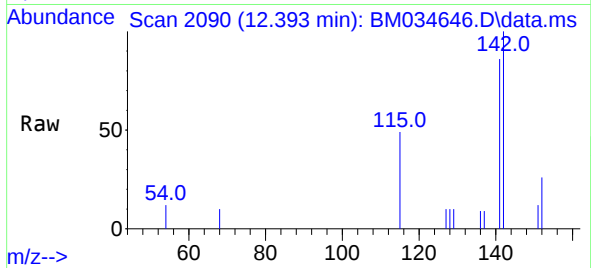
Tgt Ion:128 Resp: 4576
Ion Ratio Lower Upper
128 100
129 15.8 13.4 20.2
127 17.5 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.393 min Scan# 2088
Delta R.T. 0.011 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

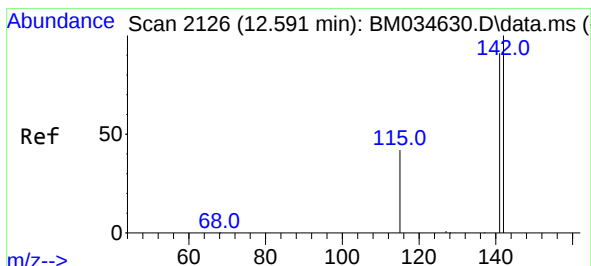
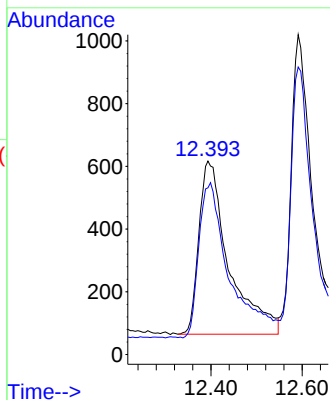
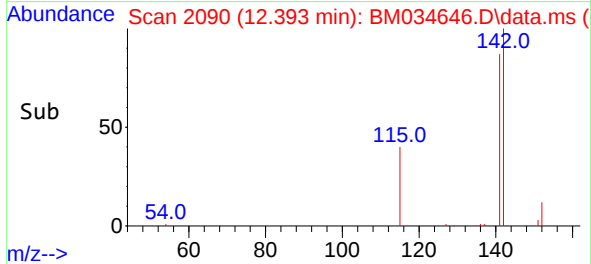
Instrument :
BNA_M
ClientSampleId :
SLCS967



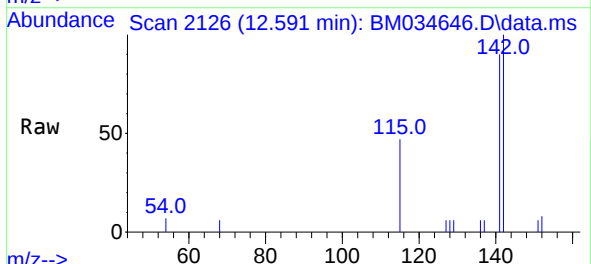
Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
141 92.1 71.8 107.6

Manual Integrations
APPROVED

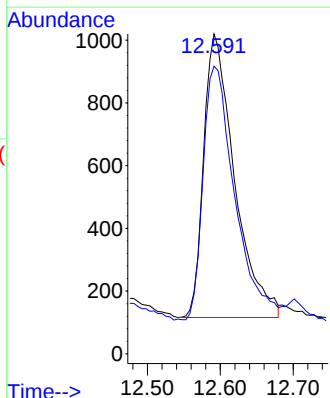
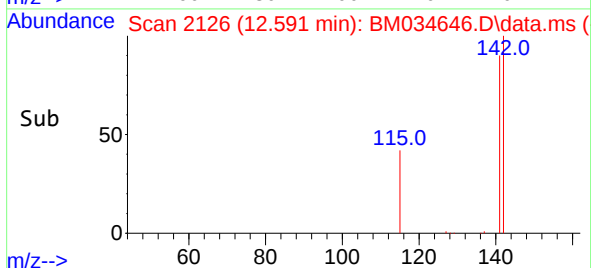
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

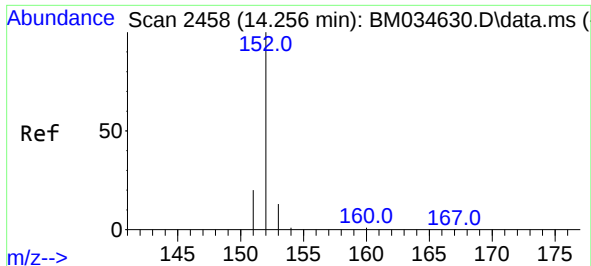


#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46



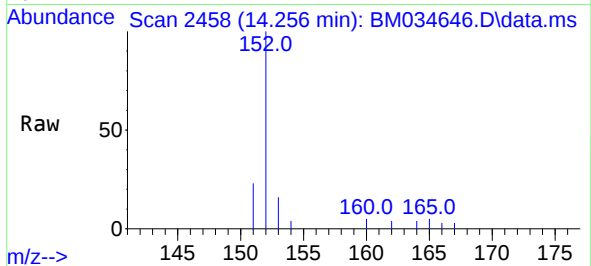
Tgt Ion:142 Resp: 2663
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.4





#10
Acenaphthylene
Concen: 0.440 ng/ul
RT: 14.256 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

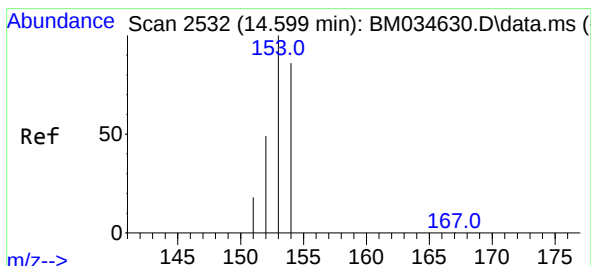
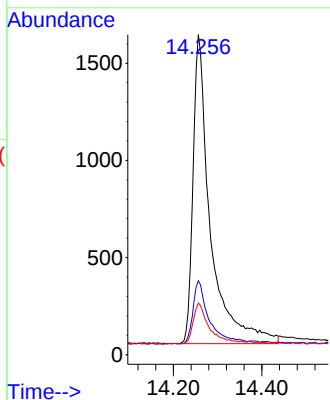
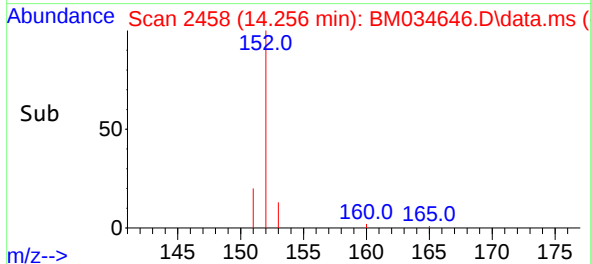
Instrument :
BNA_M
ClientSampleId :
SLCS967



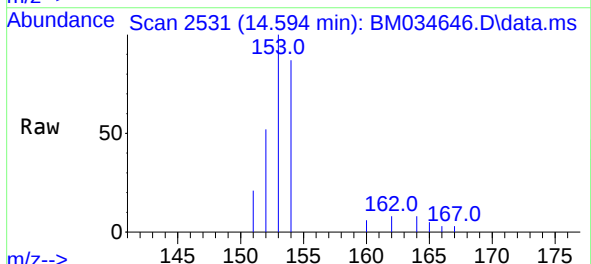
Tgt Ion:152 Resp: 4340
Ion Ratio Lower Upper
152 100
151 23.1 19.9 29.9
153 16.2 15.0 22.4

Manual Integrations
APPROVED

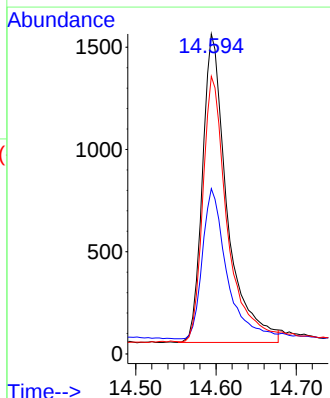
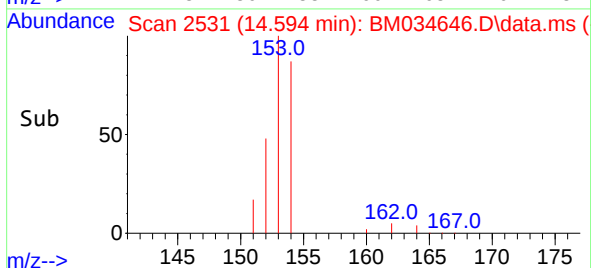
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

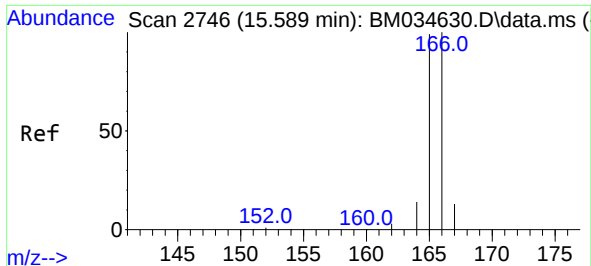


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.594 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46



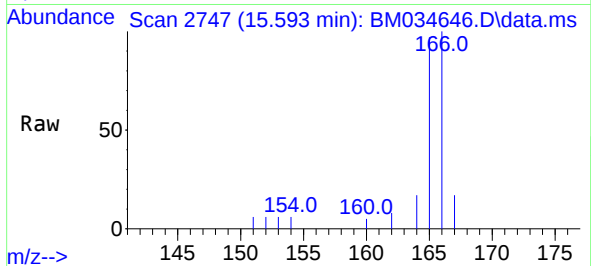
Tgt Ion:153 Resp: 3227
Ion Ratio Lower Upper
153 100
152 51.6 42.4 63.6
154 86.8 66.2 99.2





#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.593 min Scan# 2118
Delta R.T. 0.005 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

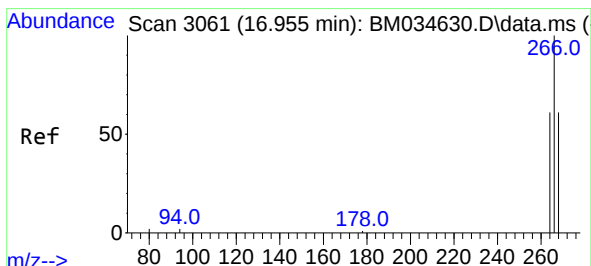
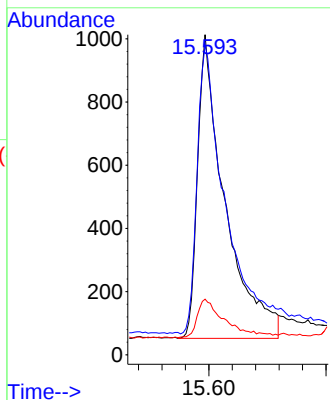
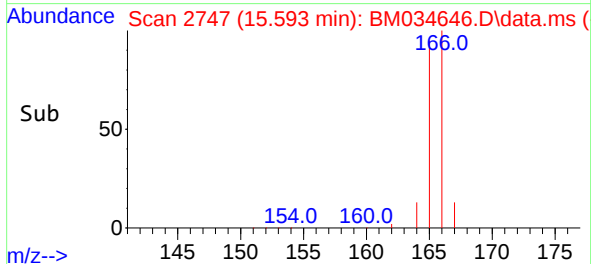
Instrument :
BNA_M
ClientSampleId :
SLCS967



Tgt Ion:166 Resp: 3118
Ion Ratio Lower Upper
166 100
165 96.8 81.1 121.7
167 17.4 14.9 22.3

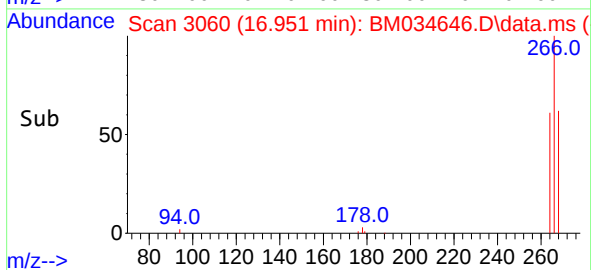
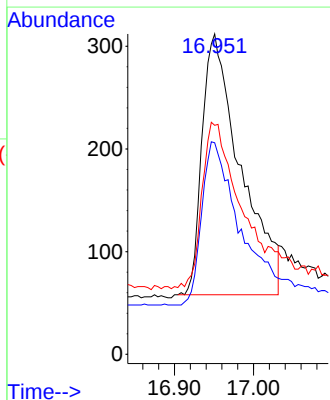
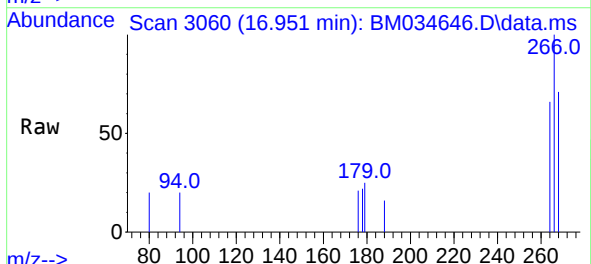
Manual Integrations
APPROVED

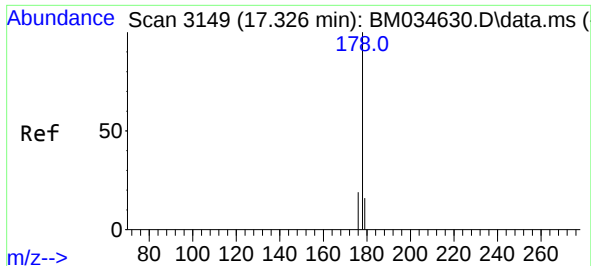
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#14
Pentachlorophenol
Concen: 0.711 ng/ul
RT: 16.951 min Scan# 3060
Delta R.T. 0.004 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

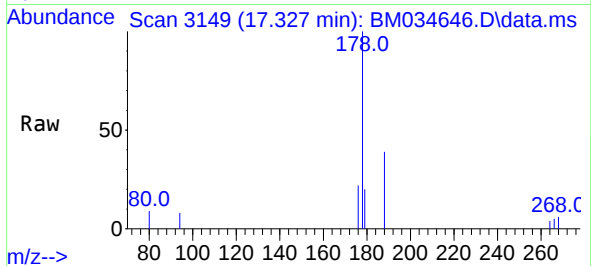
Tgt Ion:266 Resp: 860
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 63.5 53.1 79.7





#15
Phenanthrene
Concen: 0.402 ng/u1
RT: 17.327 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

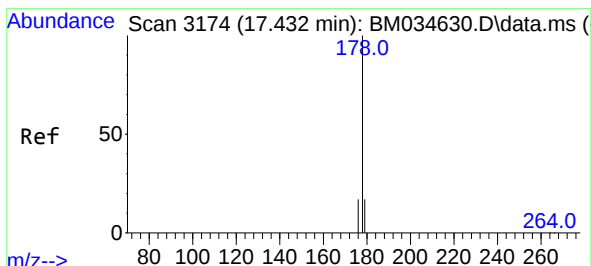
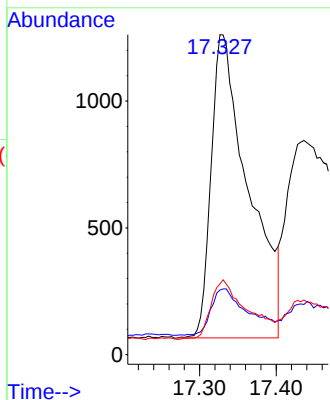
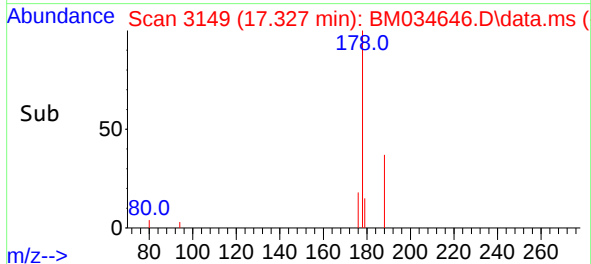
Instrument :
BNA_M
ClientSampleId :
SLCS967



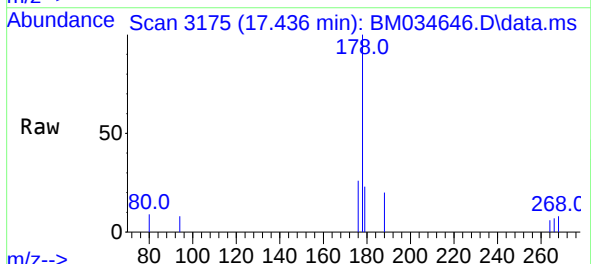
Tgt Ion:178 Resp: 4049
Ion Ratio Lower Upper
178 100
179 20.2 15.0 22.6
176 22.1 17.9 26.9

Manual Integrations
APPROVED

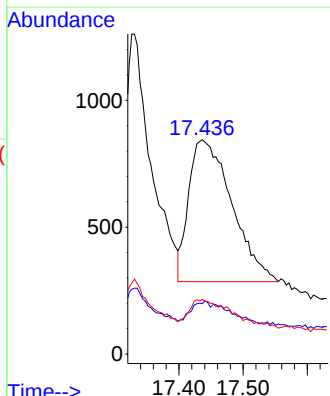
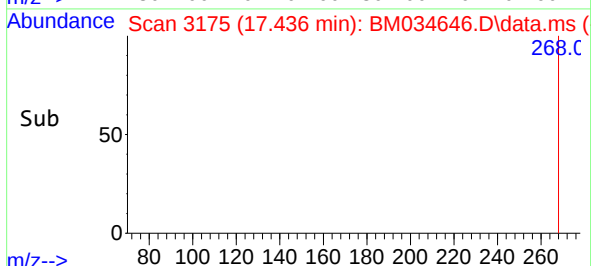
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

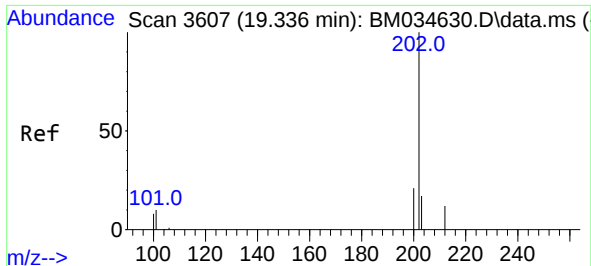


#16
Anthracene
Concen: 0.339 ng/u1
RT: 17.436 min Scan# 3175
Delta R.T. 0.013 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46



Tgt Ion:178 Resp: 2611
Ion Ratio Lower Upper
178 100
179 23.4 16.5 24.7
176 25.6 18.3 27.5





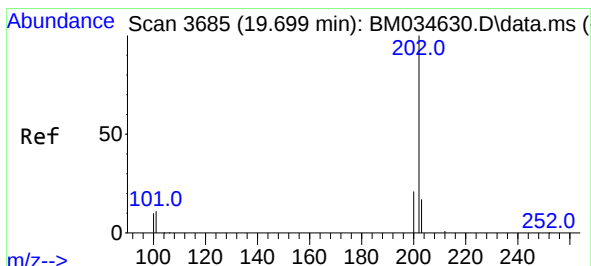
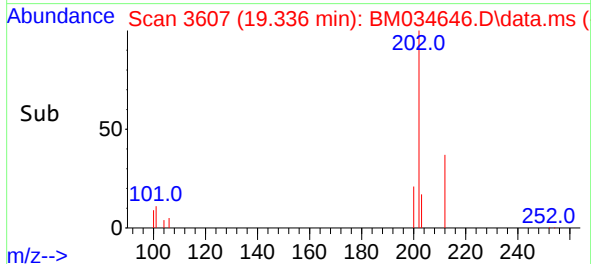
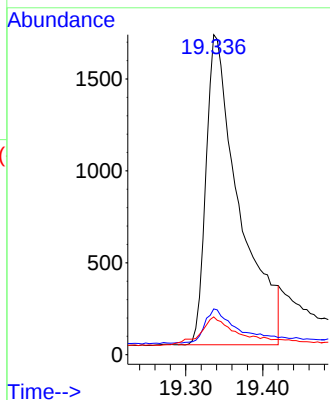
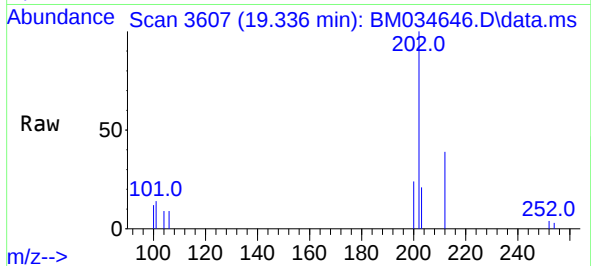
#19
Fluoranthene
Concen: 0.398 ng/u1
RT: 19.336 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

Instrument :
BNA_M
ClientSampleId :
SLCS967

Tgt Ion:202 Resp: 504
Ion Ratio Lower Upper
202 100
101 14.3 9.2 13.8
100 11.8 7.2 10.8

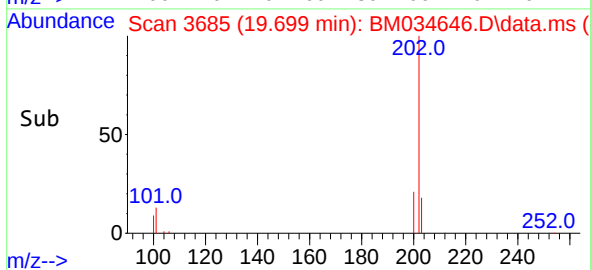
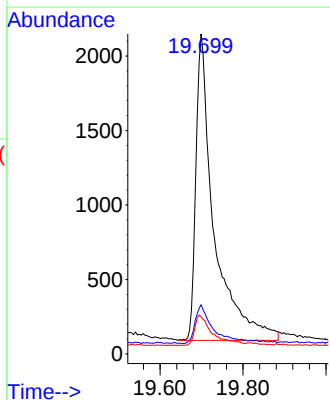
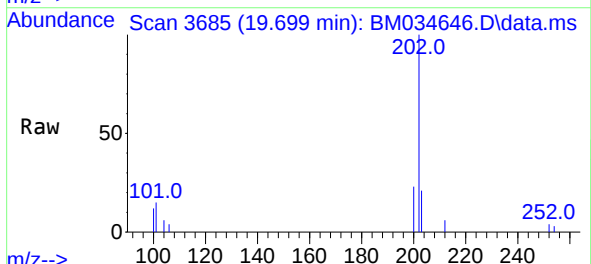
Manual Integrations
APPROVED

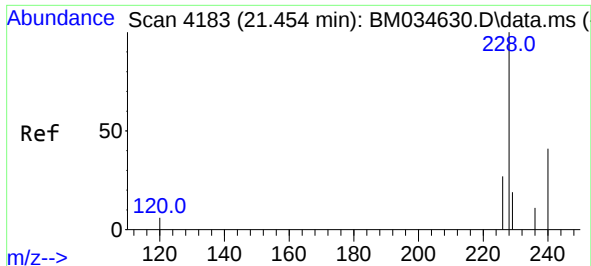
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#20
Pyrene
Concen: 0.420 ng/u1
RT: 19.699 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

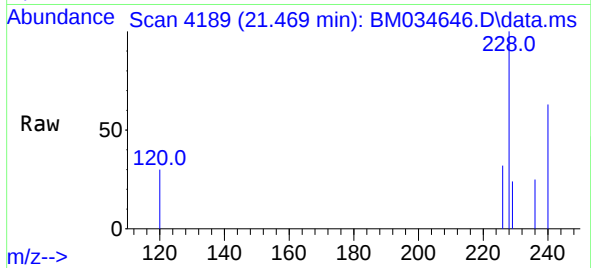
Tgt Ion:202 Resp: 6275
Ion Ratio Lower Upper
202 100
101 15.4 9.3 13.9#
100 11.7 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.364 ng/ul m
RT: 21.469 min Scan# 4189
Delta R.T. 0.016 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

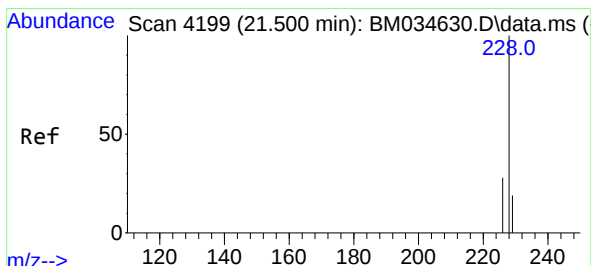
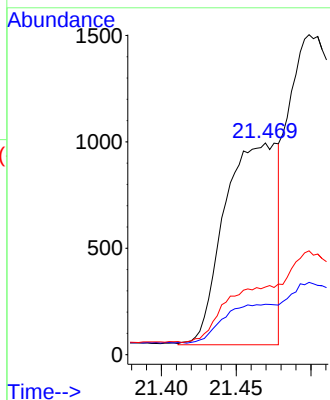
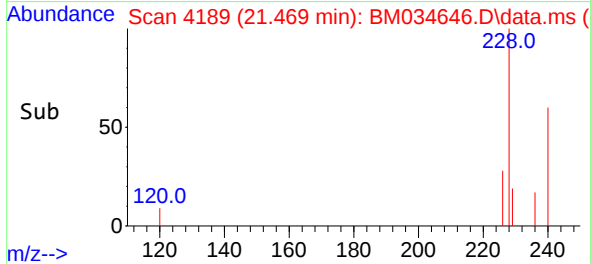
Instrument :
BNA_M
ClientSampleId :
SLCS967



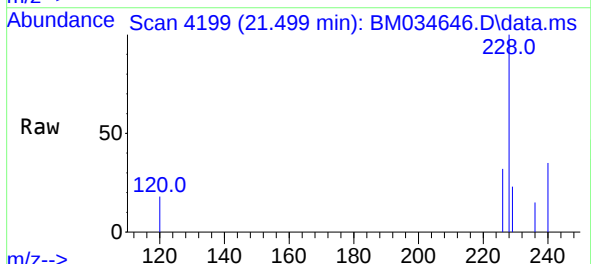
Tgt Ion:228 Resp: 2329
Ion Ratio Lower Upper
228 100
229 23.8 17.3 25.9
226 32.0 23.2 34.8

Manual Integrations
APPROVED

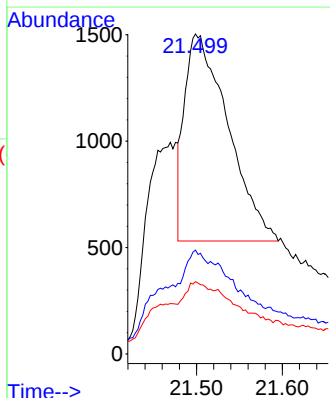
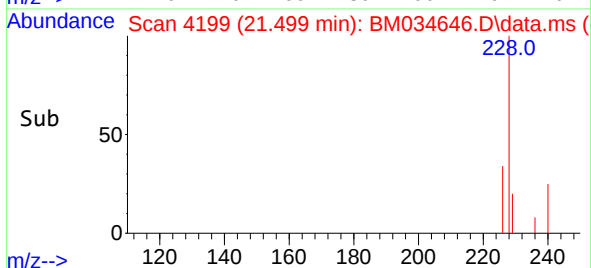
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

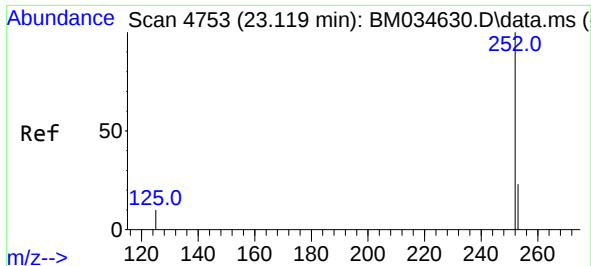


#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.499 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46



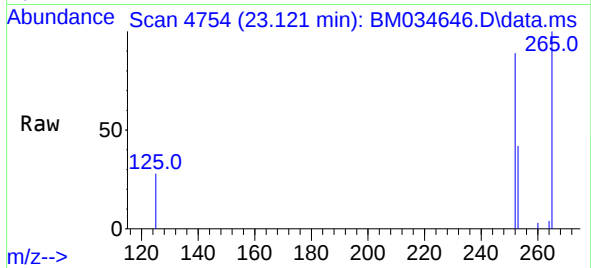
Tgt Ion:228 Resp: 3418
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 22.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul m
RT: 23.121 min Scan# 4754
Delta R.T. 0.002 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

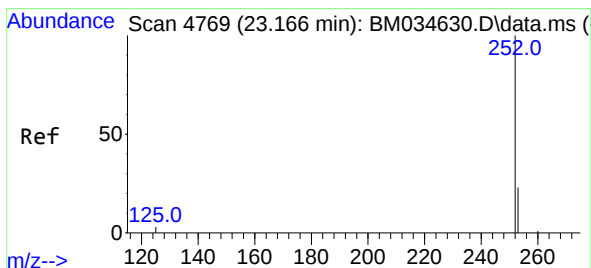
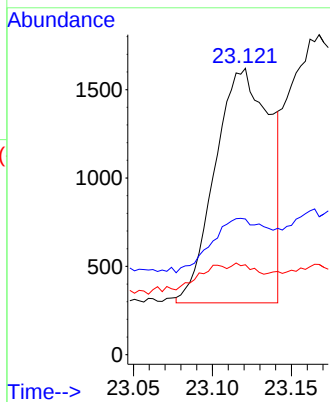
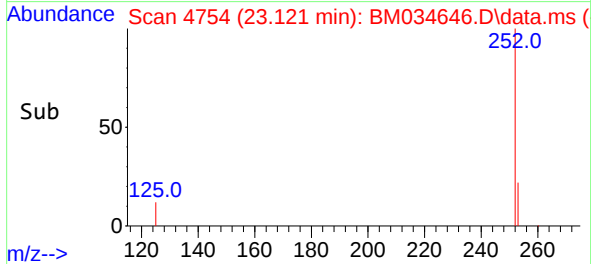
Instrument :
BNA_M
ClientSampleId :
SLCS967



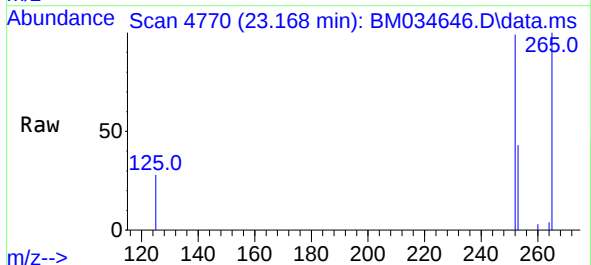
Tgt Ion:252 Resp: 3214
Ion Ratio Lower Upper
252 100
253 47.4 0.0 64.2
125 31.4 0.0 28.8

Manual Integrations
APPROVED

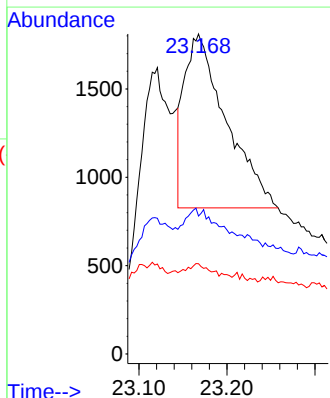
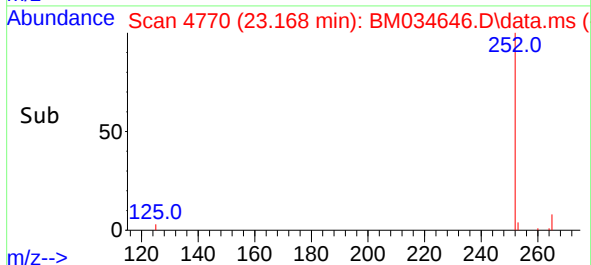
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

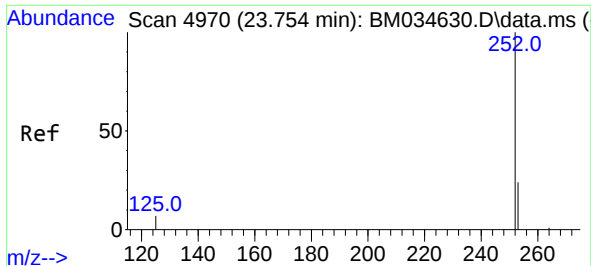


#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.168 min Scan# 4770
Delta R.T. -0.001 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46



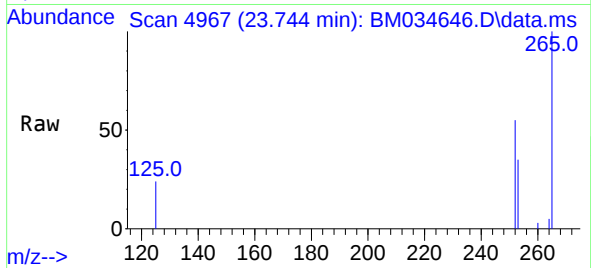
Tgt Ion:252 Resp: 3255
Ion Ratio Lower Upper
252 100
253 43.1 26.8 40.2#
125 28.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.744 min Scan# 4970
Delta R.T. -0.010 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46

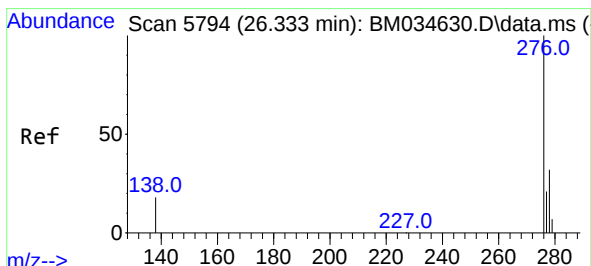
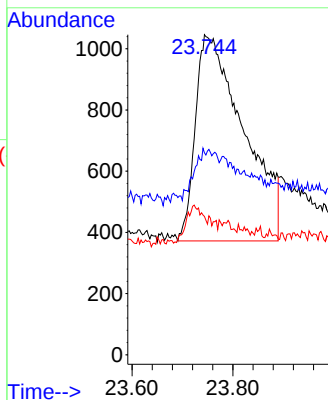
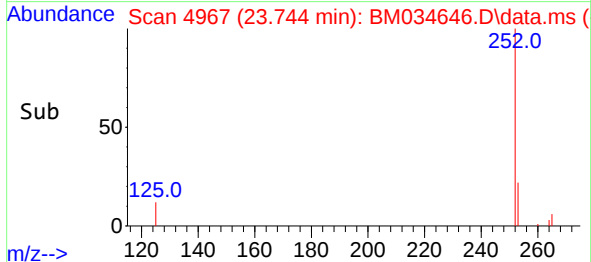
Instrument :
BNA_M
ClientSampleId :
SLCS967



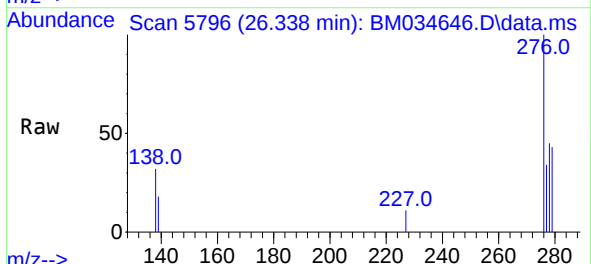
Tgt Ion:252 Resp: 4484
Ion Ratio Lower Upper
252 100
253 63.1 32.0 48.0#
125 43.2 14.5 21.7#

Manual Integrations
APPROVED

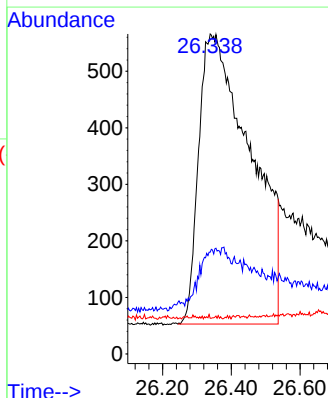
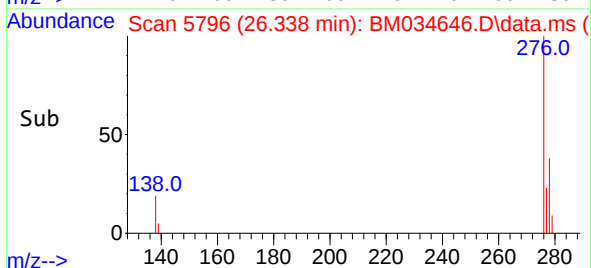
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

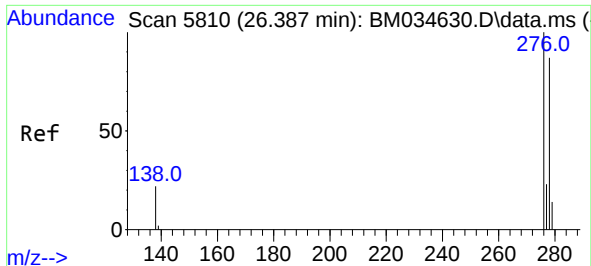


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.338 min Scan# 5796
Delta R.T. -0.008 min
Lab File: BM034646.D
Acq: 13 Apr 2022 06:46



Tgt Ion:276 Resp: 5365
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.420 ng/ul

RT: 26.379 min Scan# 5810

Delta R.T. -0.008 min

Lab File: BM034646.D

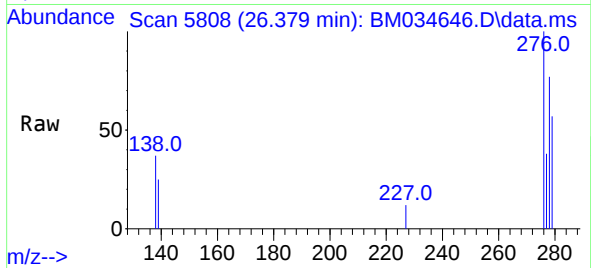
Acq: 13 Apr 2022 06:46

Instrument :

BNA_M

ClientSampleId :

SLCS967



Tgt Ion:278 Resp: 3939

Ion Ratio Lower Upper

278 100

139 32.9 18.0 27.0

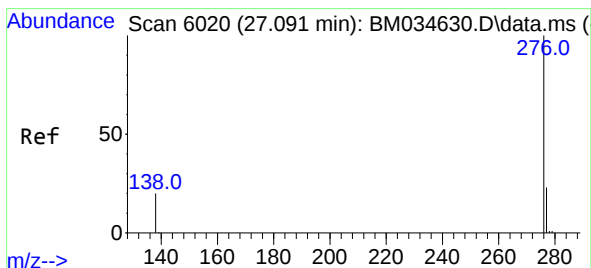
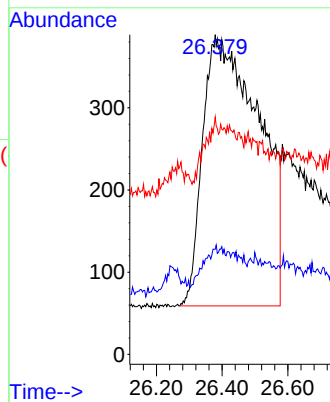
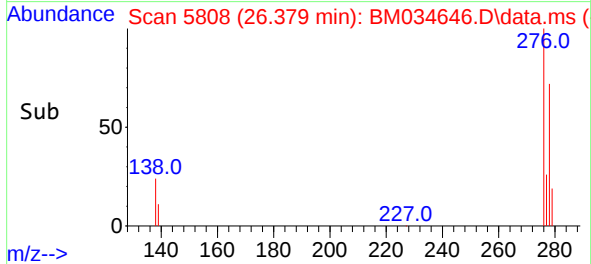
279 74.3 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022

Supervised By :Yogesh Patel 04/14/2022



#29

Benzo(g,h,i)perylene

Concen: 0.436 ng/ul

RT: 27.076 min Scan# 6016

Delta R.T. -0.018 min

Lab File: BM034646.D

Acq: 13 Apr 2022 06:46

Tgt Ion:276 Resp: 6158

Ion Ratio Lower Upper

276 100

138 28.0 17.4 26.0

277 29.2 22.6 33.8

