

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034450.D
 Acq On : 30 Mar 2022 20:47
 Operator : CG/JU
 Sample : PB143666BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS666

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 02:22:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	1929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	6052	0.400	ng/ul #	0.01
9) Acenaphthene-d10	14.574	164	2897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4946	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4600	0.400	ng/ul #	0.00
23) Perylene-d12	23.906	264	4798	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2456	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	3028	0.371	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	6232	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	7048	2.224	ng/ul#	81
5) Naphthalene	10.807	128	6132	0.350	ng/ul	96
7) 2-Methylnaphthalene	12.440	142	3474	0.324	ng/ul	94
8) 1-Methylnaphthalene	12.632	142	3532	0.330	ng/ul	99
10) Acenaphthylene	14.301	152	6102	0.438	ng/ul	93
11) Acenaphthene	14.634	153	4411	0.415	ng/ul	97
12) Fluorene	15.633	166	4429	0.391	ng/ul	99
14) Pentachlorophenol	16.995	266	1373	0.689	ng/ul	97
15) Phenanthrene	17.367	178	6270	0.397	ng/ul	99
16) Anthracene	17.472	178	4658	0.336	ng/ul	98
19) Fluoranthene	19.376	202	7906	0.381	ng/ul	96
20) Pyrene	19.738	202	9233	0.403	ng/ul#	95
21) Benzo(a)anthracene	21.492	228	4505	0.313	ng/ul	99
22) Chrysene	21.539	228	5949	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	5497m	0.331	ng/ul	
25) Benzo(k)fluoranthene	23.219	252	5986m	0.373	ng/ul	
26) Benzo(a)pyrene	23.804	252	7127	0.414	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.424	276	8356	0.373	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.455	278	6044	0.360	ng/ul#	75
29) Benzo(g,h,i)perylene	27.186	276	9063	0.419	ng/ul	96

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

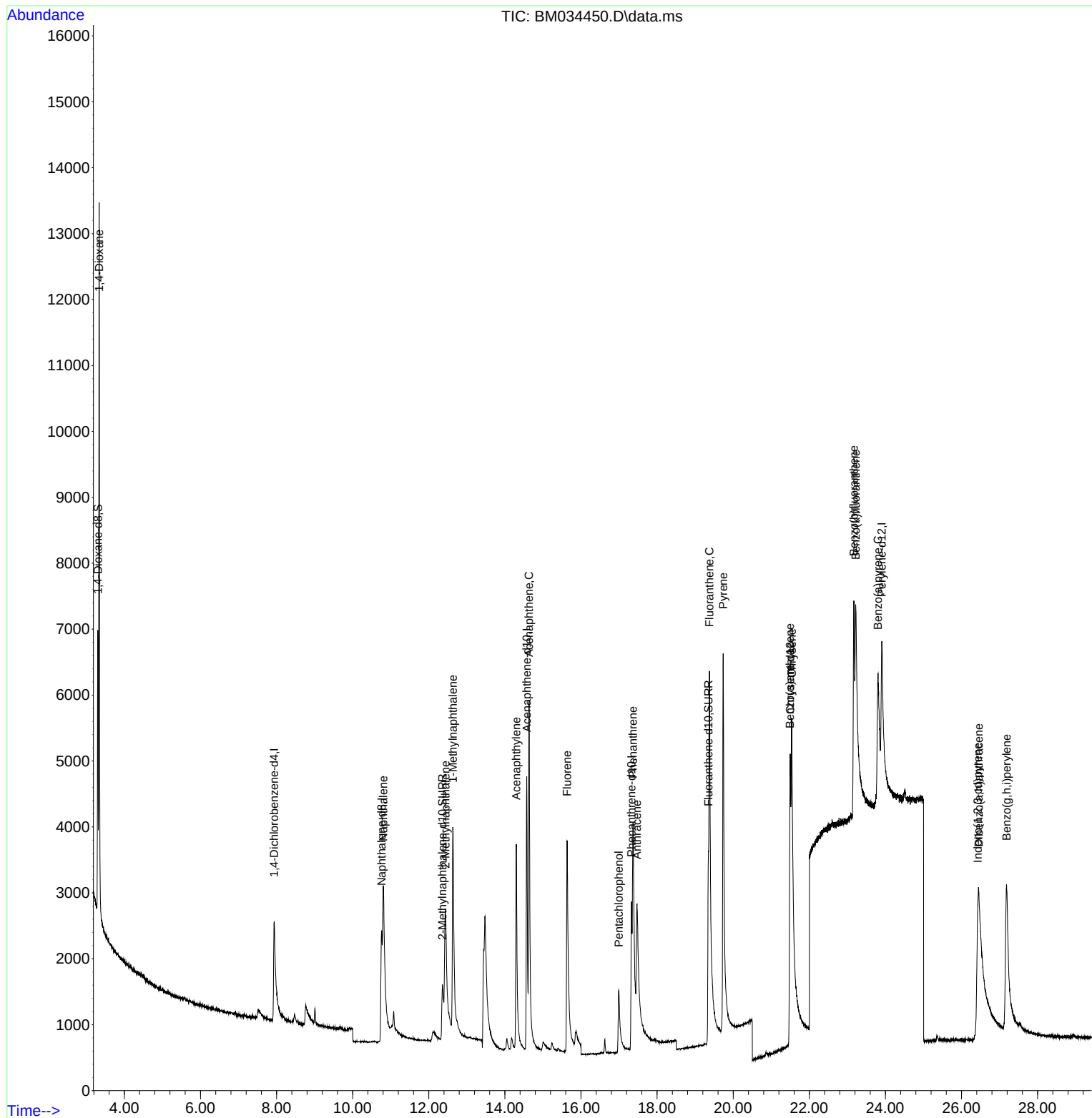
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034450.D
Acq On : 30 Mar 2022 20:47
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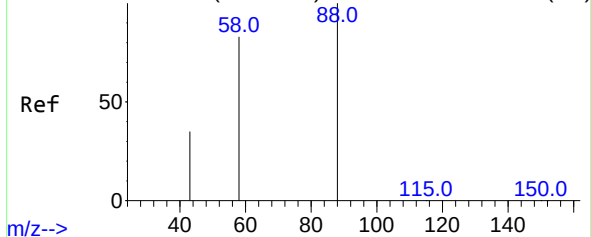
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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 02:22:22 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
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Abundance Scan 38 (3.343 min): BM034440.D\data.ms (-32)



#2

1,4-Dioxane

Concen: 2.224 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM034450.D

Acq: 30 Mar 2022 20:47

Instrument :

BNA_M

ClientSampleId :

SLCS666

Tgt Ion: 88 Resp: 704

Ion Ratio Lower Upper

88 100

43 33.4 49.7 74.5

58 63.5 52.5 78.7

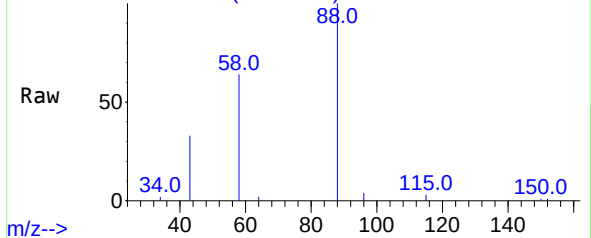
Manual Integrations

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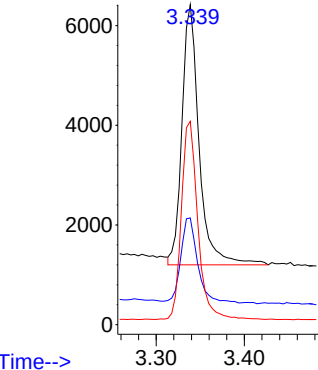
Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022

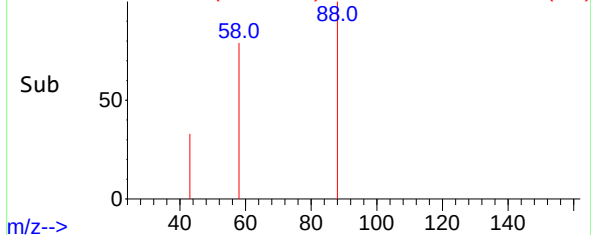
Abundance Scan 37 (3.339 min): BM034450.D\data.ms



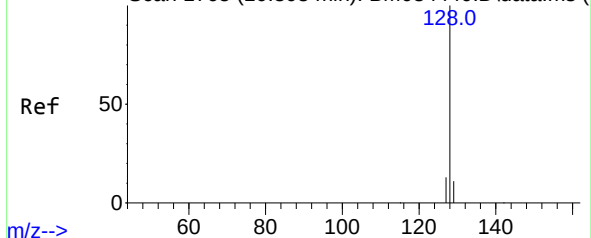
Abundance



Abundance Scan 37 (3.339 min): BM034450.D\data.ms (-26)



Abundance Scan 1765 (10.803 min): BM034440.D\data.ms (-)



#5

Naphthalene

Concen: 0.350 ng/ul

RT: 10.807 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM034450.D

Acq: 30 Mar 2022 20:47

Tgt Ion:128 Resp: 6132

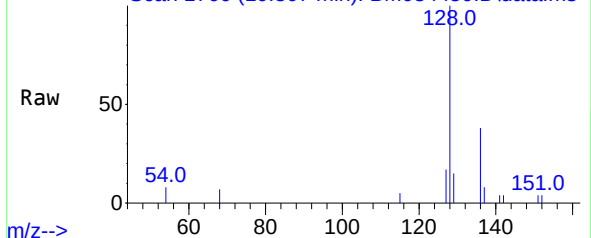
Ion Ratio Lower Upper

128 100

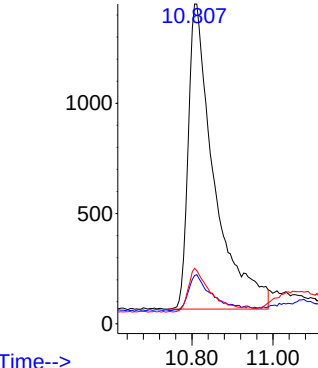
129 15.1 13.4 20.2

127 17.4 15.2 22.8

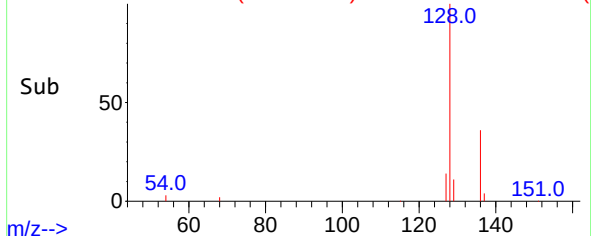
Abundance Scan 1766 (10.807 min): BM034450.D\data.ms

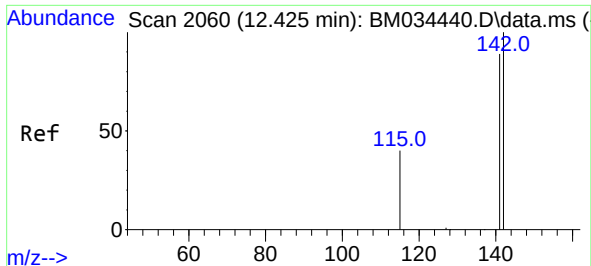


Abundance



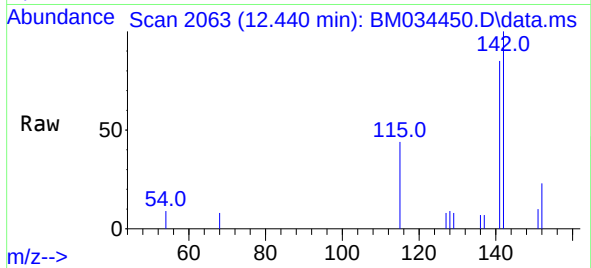
Abundance Scan 1766 (10.807 min): BM034450.D\data.ms (-)





#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. 0.022 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

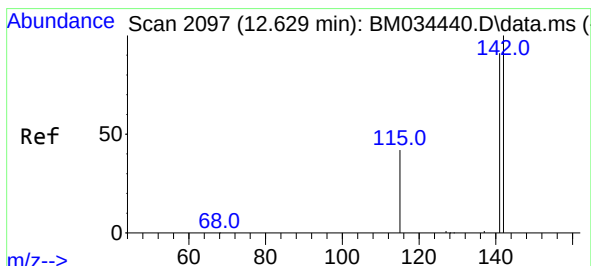
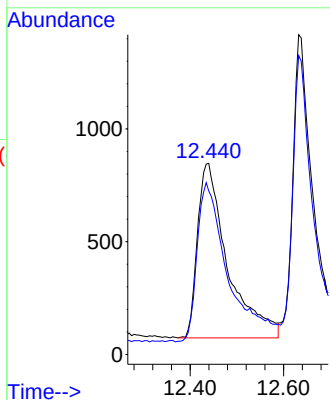
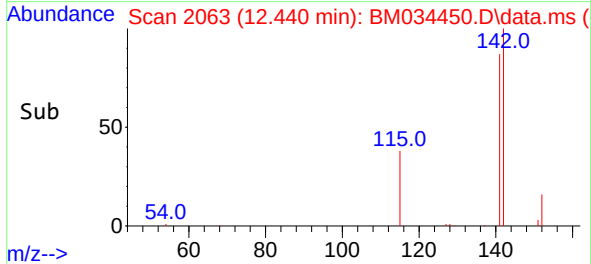
Instrument :
BNA_M
ClientSampleId :
SLCS666



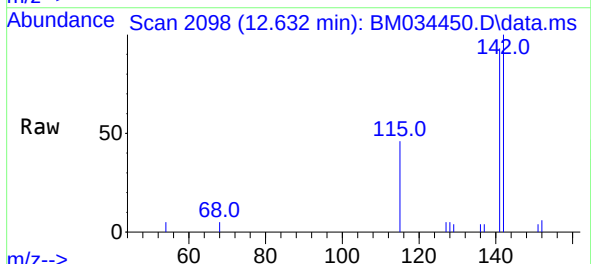
Tgt Ion:142 Resp: 3474
Ion Ratio Lower Upper
142 100
141 95.0 71.8 107.6

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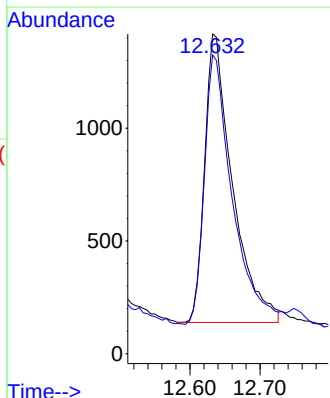
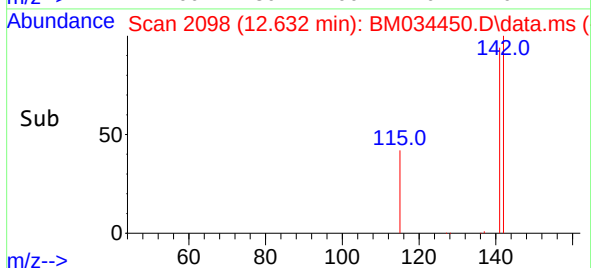
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

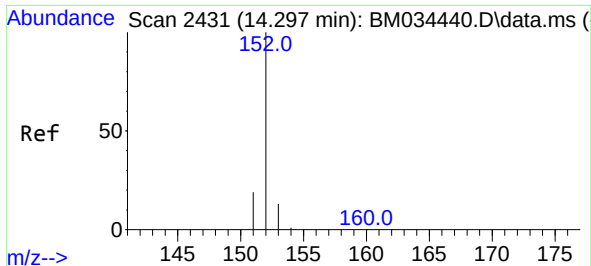


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47



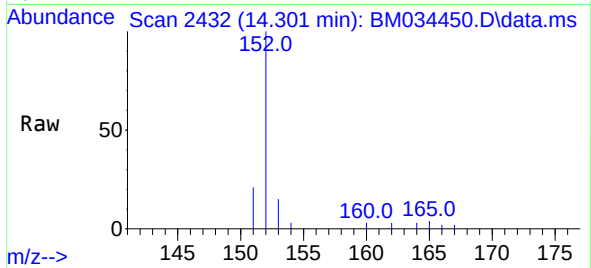
Tgt Ion:142 Resp: 3532
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4





#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 14.301 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

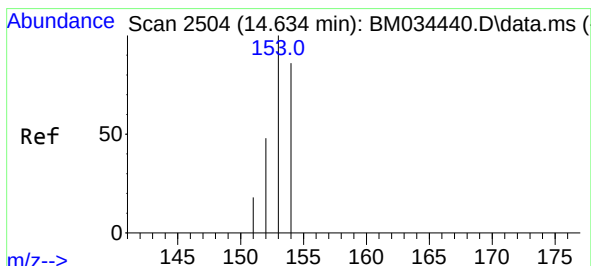
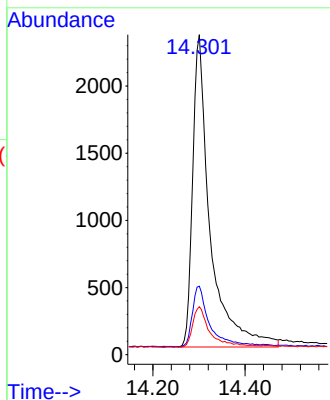
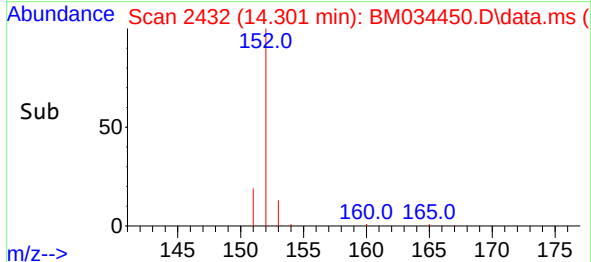
Instrument :
BNA_M
ClientSampleId :
SLCS666



Tgt Ion:152 Resp: 610
Ion Ratio Lower Upper
152 100
151 21.4 19.9 29.9
153 15.0 15.0 22.4

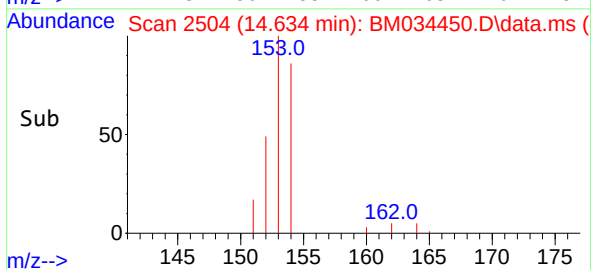
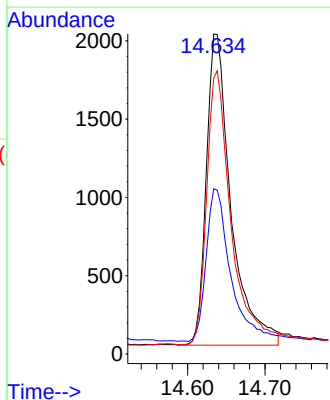
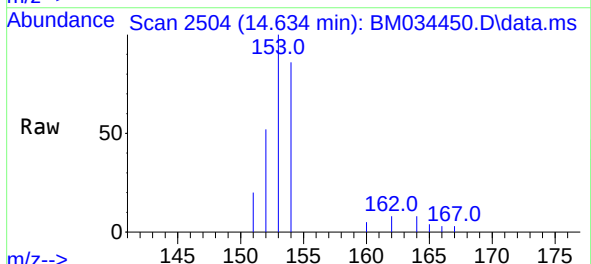
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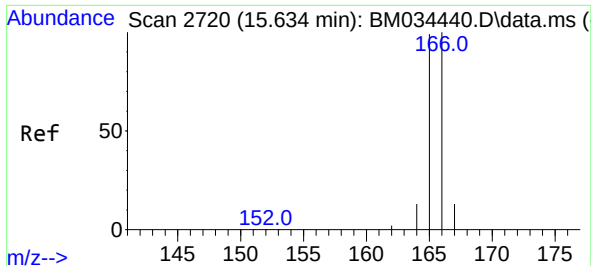
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

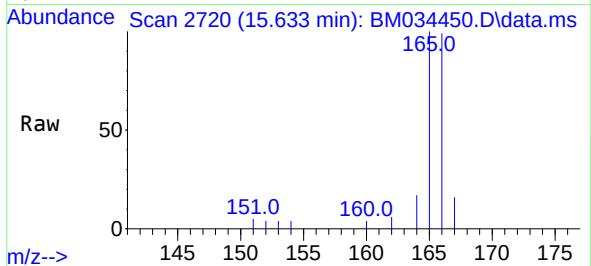
Tgt Ion:153 Resp: 4411
Ion Ratio Lower Upper
153 100
152 51.6 42.4 63.6
154 86.2 66.2 99.2





#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

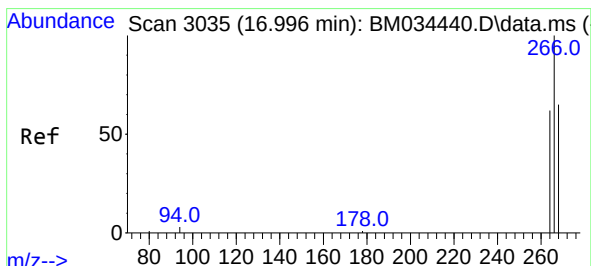
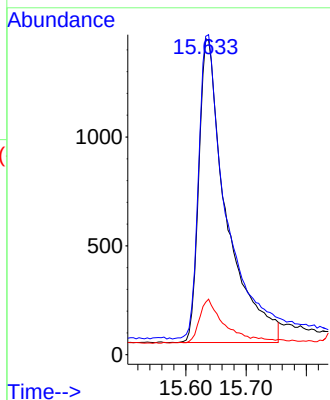
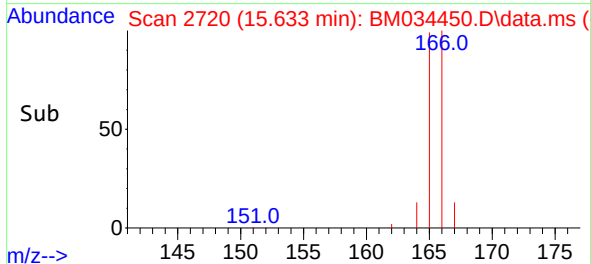
Instrument :
BNA_M
ClientSampleId :
SLCS666



Tgt Ion:166 Resp: 4429
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 16.6 14.9 22.3

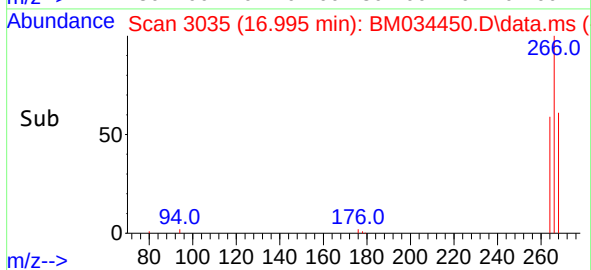
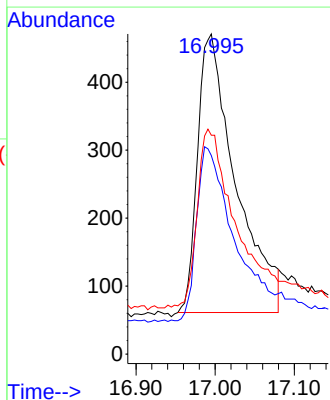
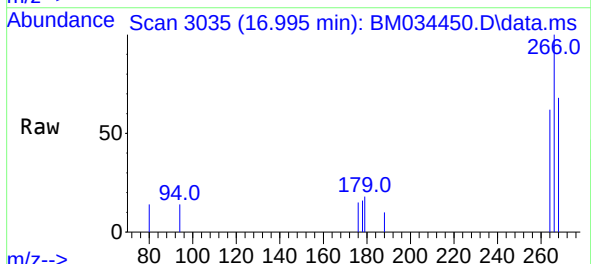
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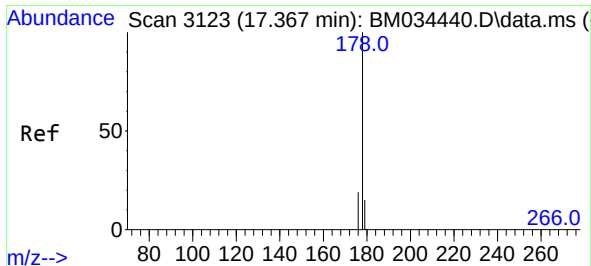
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#14
Pentachlorophenol
Concen: 0.689 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.004 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

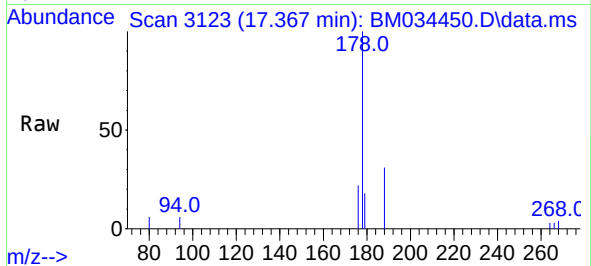
Tgt Ion:266 Resp: 1373
Ion Ratio Lower Upper
266 100
264 62.0 51.4 77.0
268 63.2 53.1 79.7





#15
Phenanthrene
Concen: 0.397 ng/u1
RT: 17.367 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

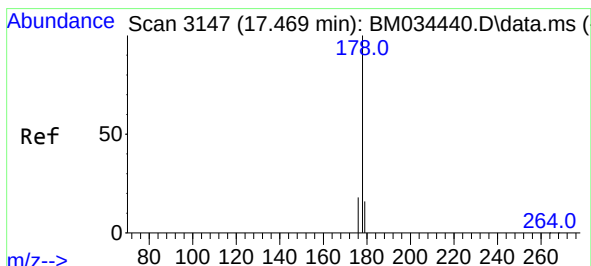
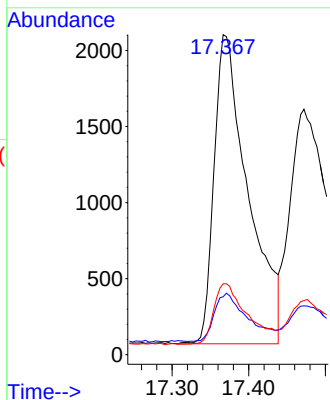
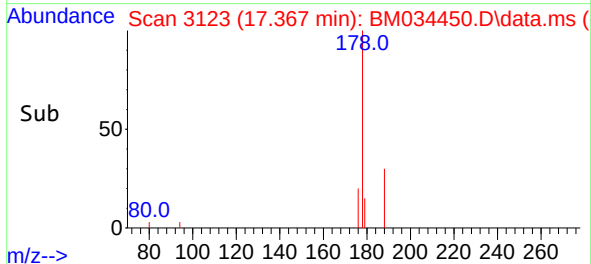
Instrument :
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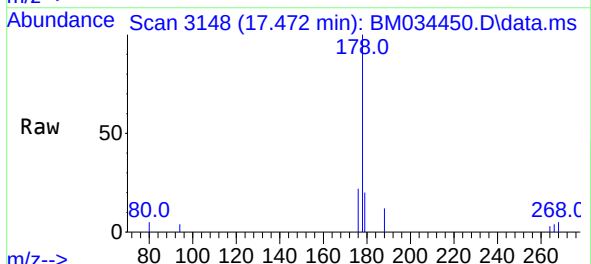
Tgt Ion:178 Resp: 6270
Ion Ratio Lower Upper
178 100
179 18.1 15.0 22.6
176 22.1 17.9 26.9

Manual Integrations
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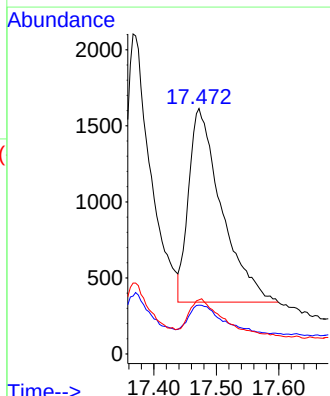
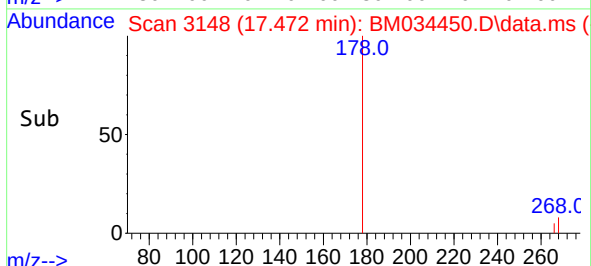
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

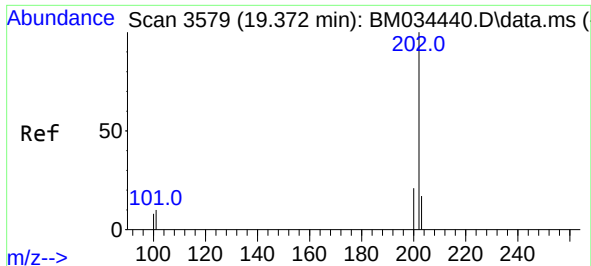


#16
Anthracene
Concen: 0.336 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. 0.013 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47



Tgt Ion:178 Resp: 4658
Ion Ratio Lower Upper
178 100
179 19.9 16.5 24.7
176 22.1 18.3 27.5





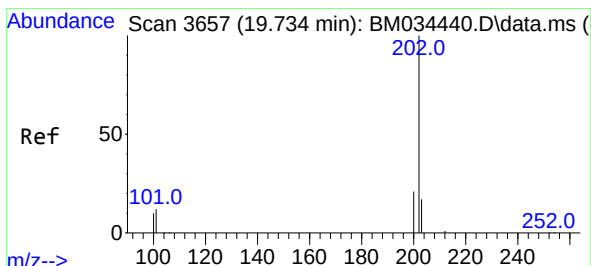
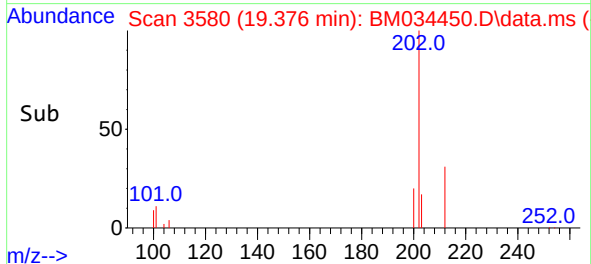
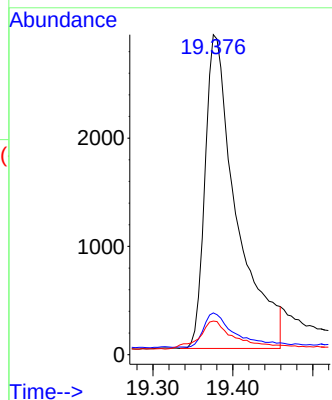
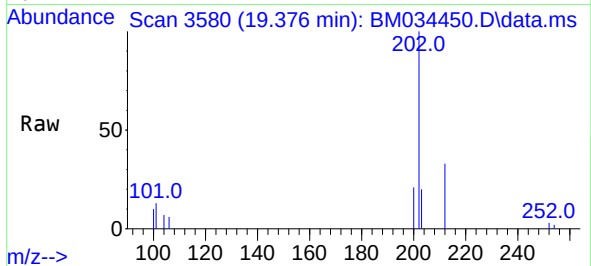
#19
Fluoranthene
Concen: 0.381 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

Instrument :
BNA_M
ClientSampleId :
SLCS666

Tgt Ion:202 Resp: 7900
Ion Ratio Lower Upper
202 100
101 13.0 9.2 13.8
100 10.5 7.2 10.8

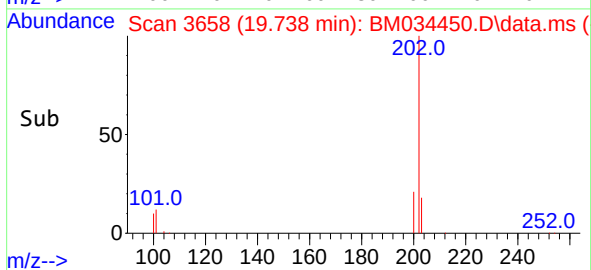
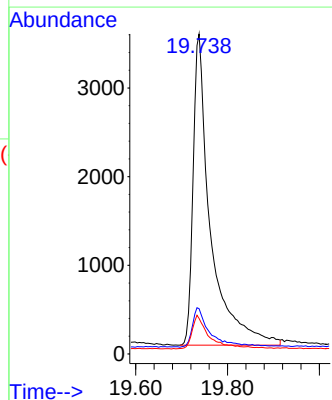
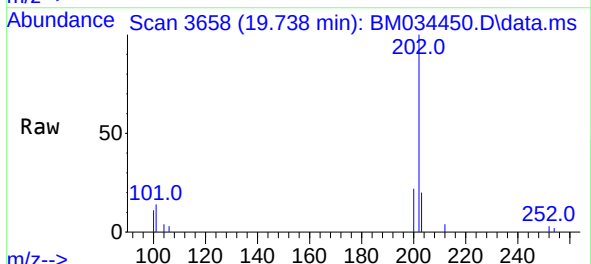
Manual Integrations
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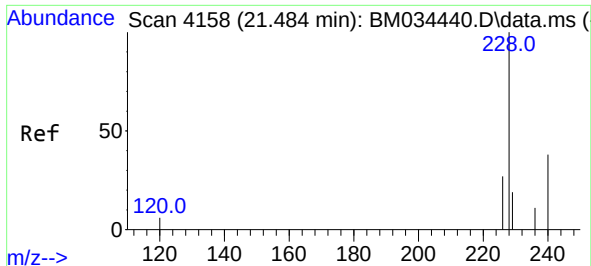
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.403 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

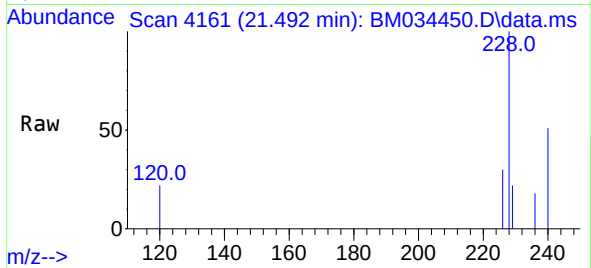
Tgt Ion:202 Resp: 9233
Ion Ratio Lower Upper
202 100
101 14.2 9.3 13.9#
100 11.1 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.313 ng/u1
RT: 21.492 min Scan# 4158
Delta R.T. 0.006 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

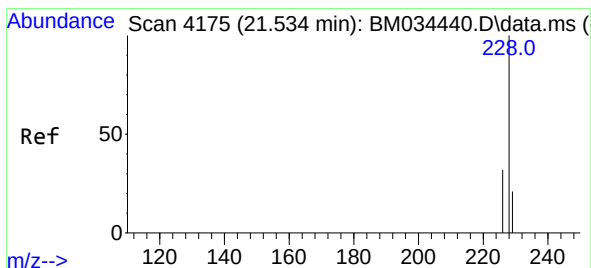
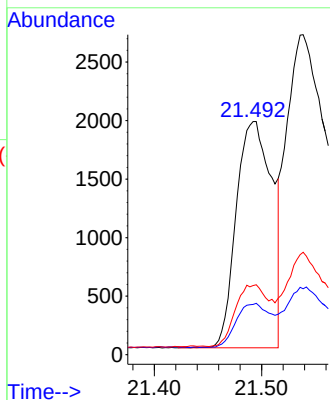
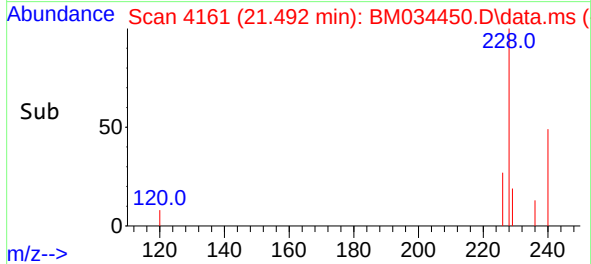
Instrument :
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Tgt Ion:228 Resp: 450
Ion Ratio Lower Upper
228 100
229 21.5 17.3 25.9
226 29.7 23.2 34.8

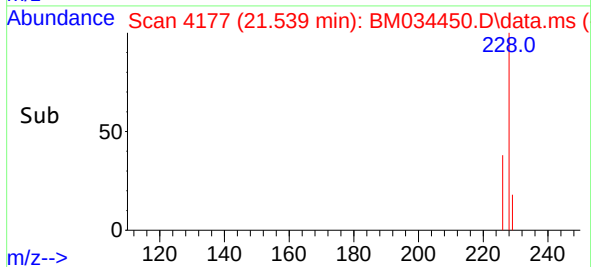
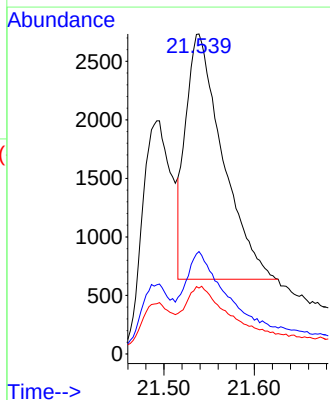
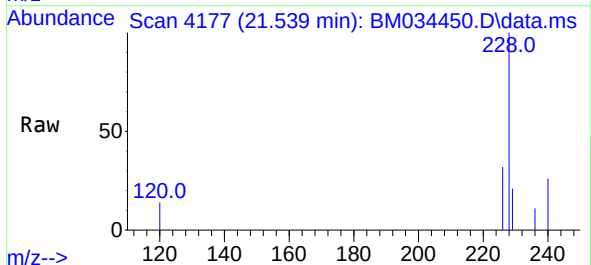
Manual Integrations
APPROVED

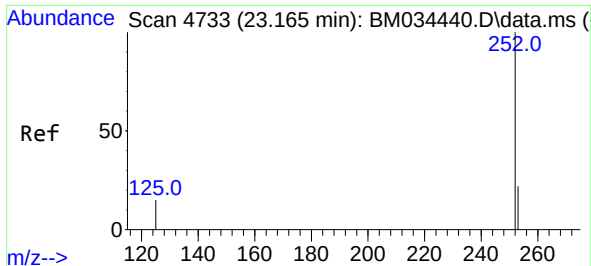
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#22
Chrysene
Concen: 0.361 ng/u1
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

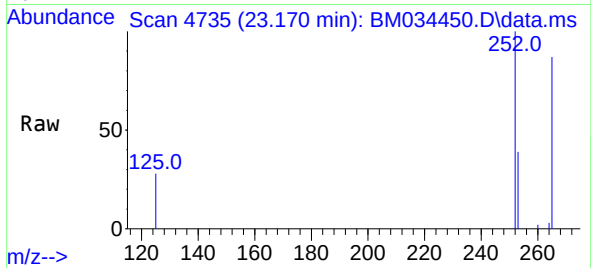
Tgt Ion:228 Resp: 5949
Ion Ratio Lower Upper
228 100
226 32.0 25.8 38.8
229 20.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

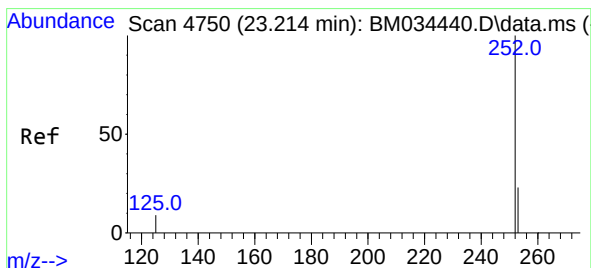
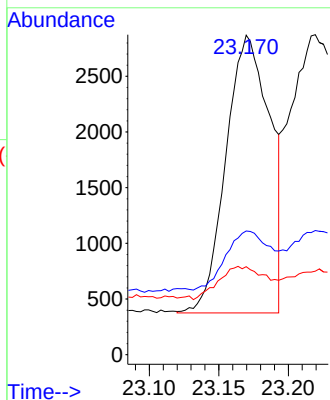
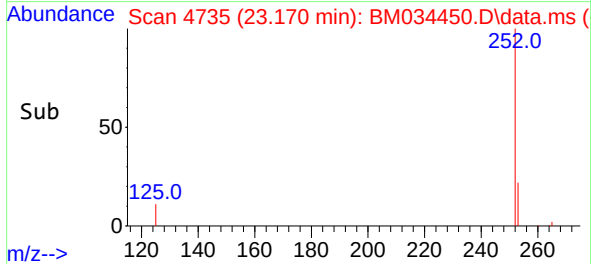
Instrument :
BNA_M
ClientSampleId :
SLCS666



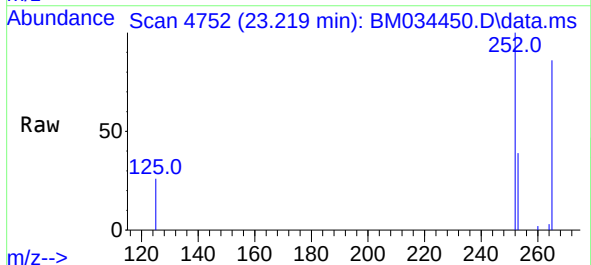
Tgt Ion:252 Resp: 549
Ion Ratio Lower Upper
252 100
253 38.7 0.0 64.2
125 27.5 0.0 28.8

Manual Integrations
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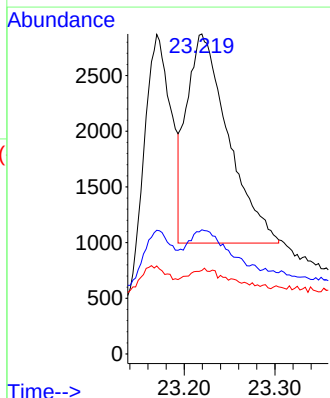
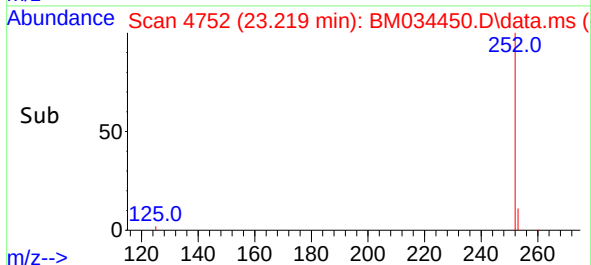
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

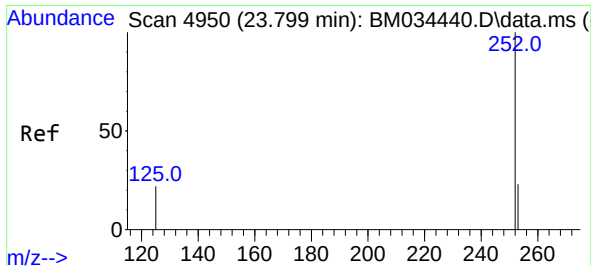


#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul m
RT: 23.219 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47



Tgt Ion:252 Resp: 5986
Ion Ratio Lower Upper
252 100
253 38.8 26.8 40.2
125 26.1 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.414 ng/u1
RT: 23.804 min Scan# 4952
Delta R.T. -0.003 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

Instrument :

BNA_M

ClientSampleId :

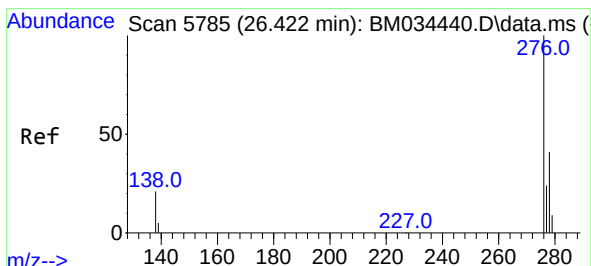
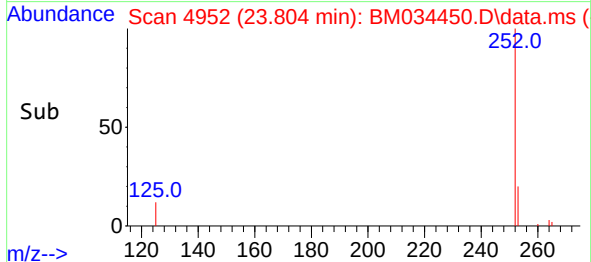
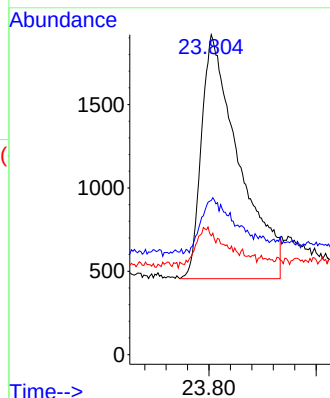
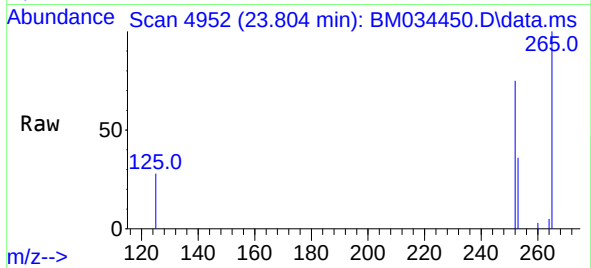
SLCS666

Tgt Ion:252 Resp: 712
Ion Ratio Lower Upper
252 100
253 48.2 32.0 48.0
125 37.2 14.5 21.7

Manual Integrations

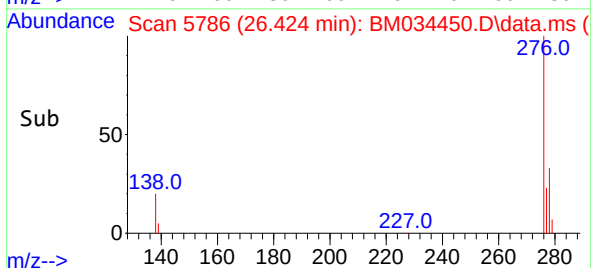
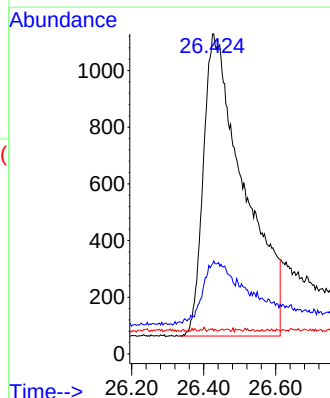
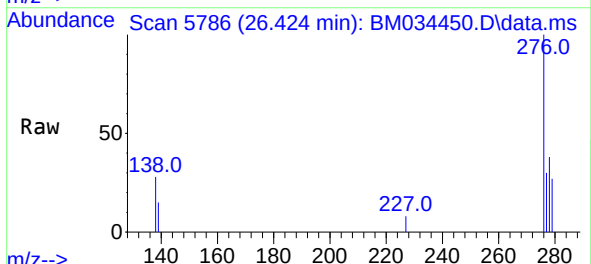
APPROVED

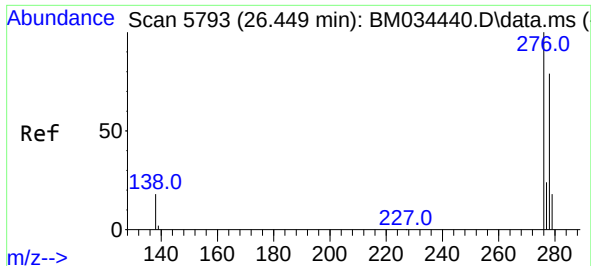
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/u1
RT: 26.424 min Scan# 5786
Delta R.T. -0.010 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

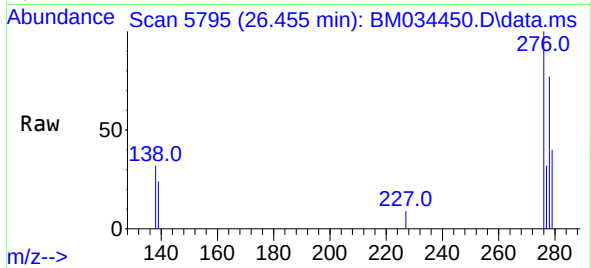
Tgt Ion:276 Resp: 8356
Ion Ratio Lower Upper
276 100
138 20.9 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 26.455 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47

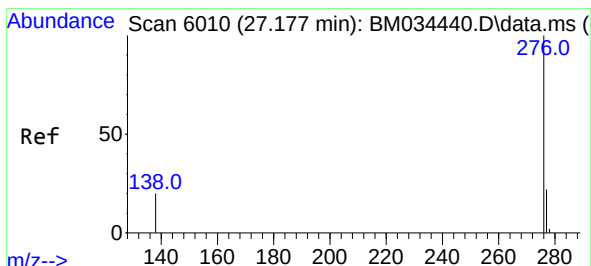
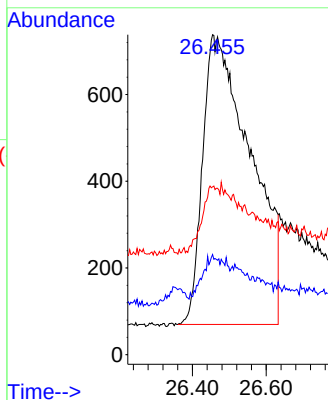
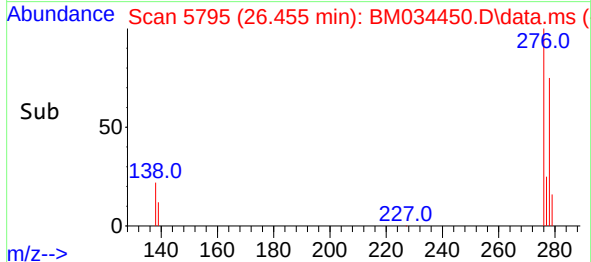
Instrument :
BNA_M
ClientSampleId :
SLCS666



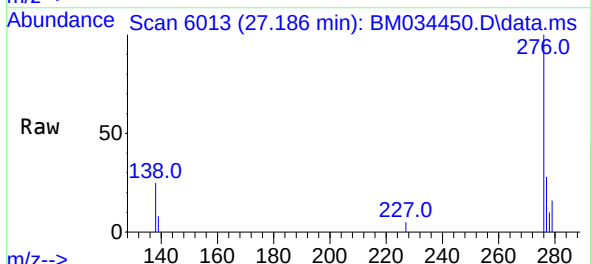
Tgt Ion:278 Resp: 604
Ion Ratio Lower Upper
278 100
139 31.3 18.0 27.0
279 52.4 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM034450.D
Acq: 30 Mar 2022 20:47



Tgt Ion:276 Resp: 9063
Ion Ratio Lower Upper
276 100
138 25.4 17.4 26.0
277 28.0 22.6 33.8

