

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034439.D
 Acq On : 30 Mar 2022 11:26
 Operator : CG/JU
 Sample : PB143639BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS639

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 02:20:30 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	7.950	152	1978	0.400	ng/ul	0.01
4) Naphthalene-d8	10.757	136	6248	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.574	164	2895	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	4630	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4262	0.400	ng/ul #	0.00
23) Perylene-d12	23.909	264	4602	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2748	0.934	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	3347	0.397	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	6401	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	7876	2.423	ng/ul#	80
5) Naphthalene	10.807	128	7134	0.394	ng/ul	93
7) 2-Methylnaphthalene	12.429	142	3943	0.356	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	3892	0.352	ng/ul	98
10) Acenaphthylene	14.301	152	6541	0.469	ng/ul#	92
11) Acenaphthene	14.638	153	4550	0.429	ng/ul	96
12) Fluorene	15.633	166	4589	0.405	ng/ul	99
14) Pentachlorophenol	16.991	266	1357	0.728	ng/ul	98
15) Phenanthrene	17.367	178	6455	0.436	ng/ul	99
16) Anthracene	17.472	178	4779	0.368	ng/ul	99
19) Fluoranthene	19.376	202	8267	0.430	ng/ul	98
20) Pyrene	19.733	202	9724	0.458	ng/ul#	94
21) Benzo(a)anthracene	21.489	228	4928	0.370	ng/ul	99
22) Chrysene	21.536	228	6481	0.425	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	6336m	0.398	ng/ul	
25) Benzo(k)fluoranthene	23.220	252	6387m	0.415	ng/ul	
26) Benzo(a)pyrene	23.801	252	7933	0.481	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.435	276	9259	0.431	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.465	278	6752	0.419	ng/ul#	81
29) Benzo(g,h,i)perylene	27.186	276	9768	0.470	ng/ul	97

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

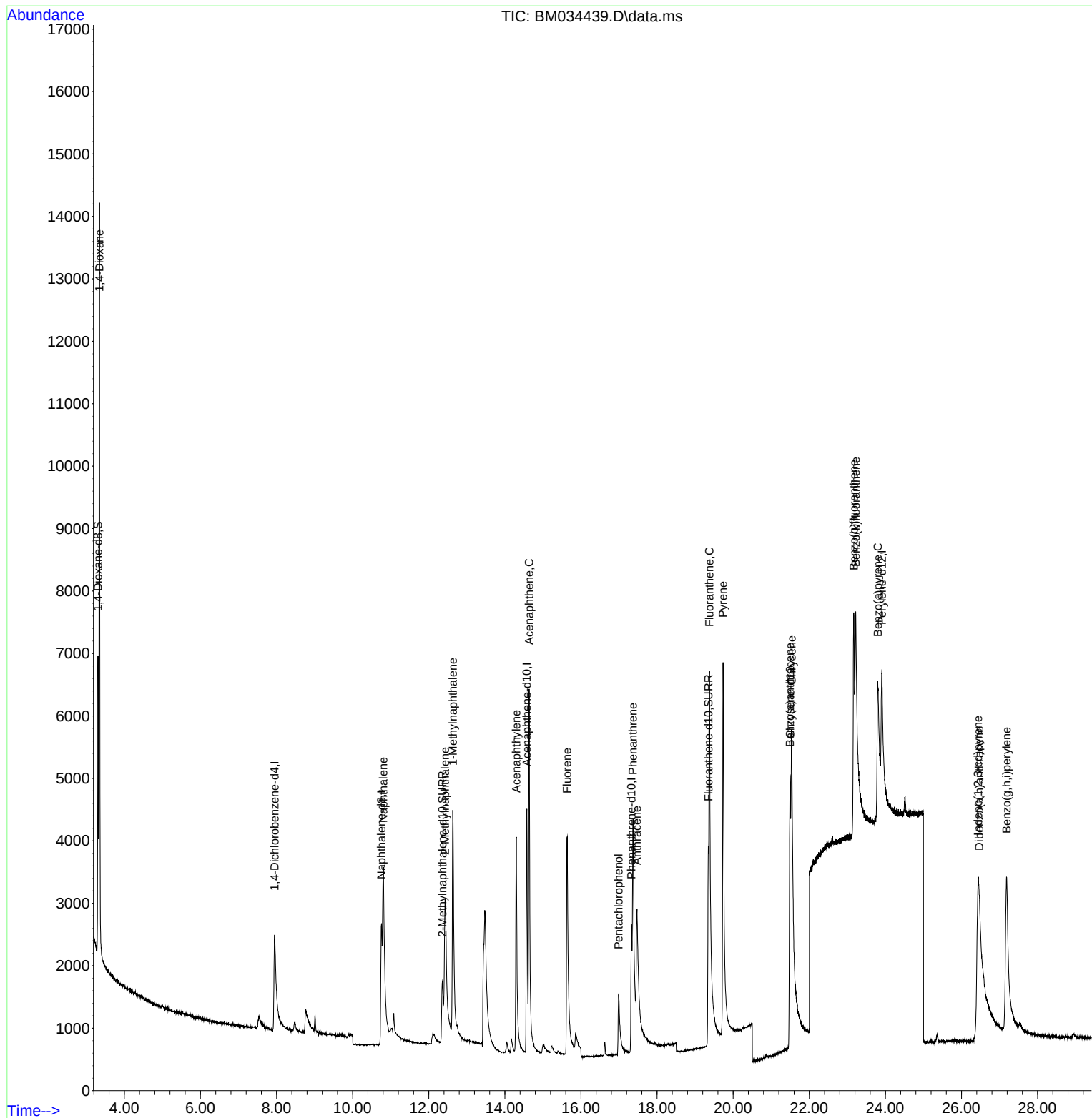
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
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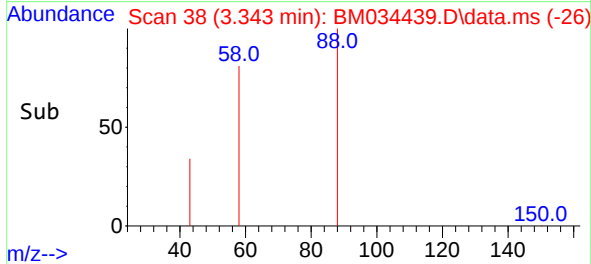
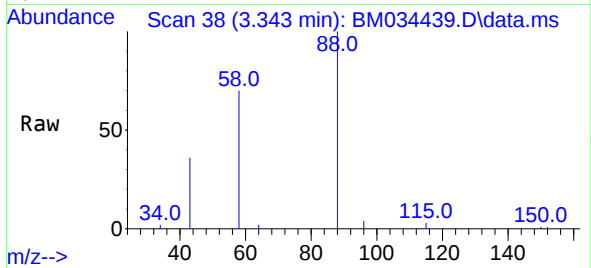
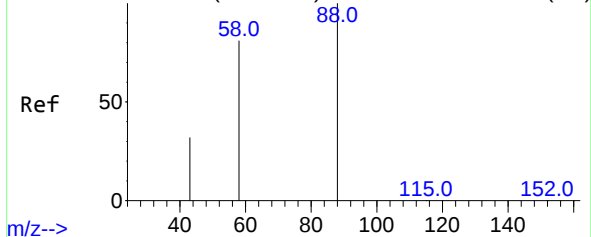
Manual Integrations
APPROVED

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

Quant Time: Mar 31 02:20:30 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



Abundance Scan 38 (3.343 min): BM034431.D\data.ms (-32)



#2

1,4-Dioxane

Concen: 2.423 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. 0.000 min

Lab File: BM034439.D

Acq: 30 Mar 2022 11:26

Instrument :

BNA_M

ClientSampleId :

SLCS639

Tgt Ion: 88 Resp: 7870

Ion Ratio Lower Upper

88 100

43 35.7 49.7 74.5

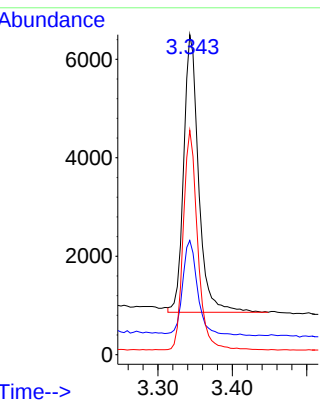
58 70.1 52.5 78.7

Manual Integrations

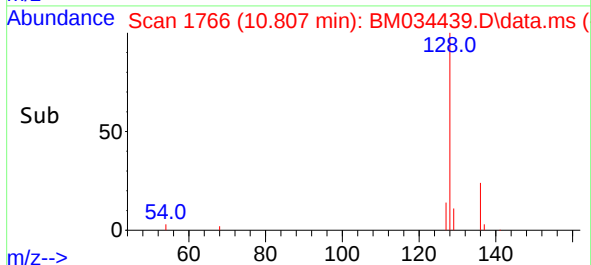
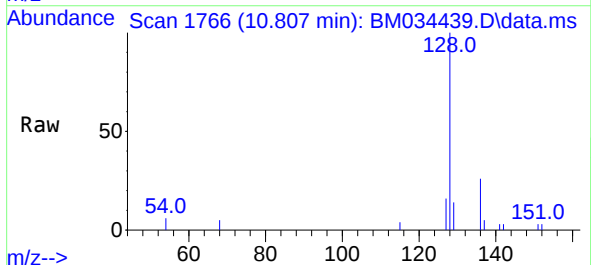
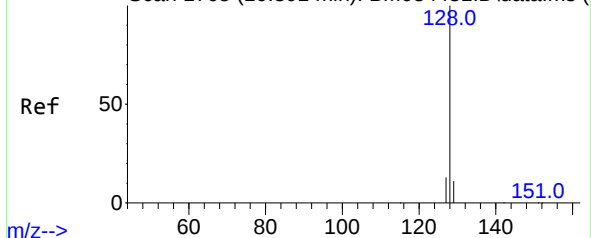
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Supervised By :Yogesh Patel 04/02/2022



Abundance Scan 1765 (10.801 min): BM034431.D\data.ms (-26)



#5

Naphthalene

Concen: 0.394 ng/ul

RT: 10.807 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM034439.D

Acq: 30 Mar 2022 11:26

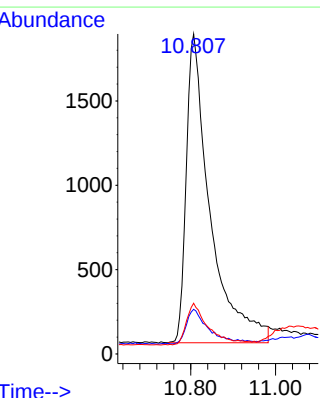
Tgt Ion:128 Resp: 7134

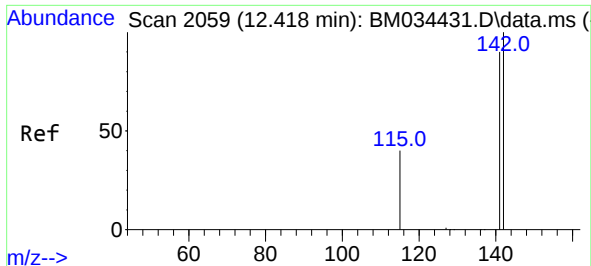
Ion Ratio Lower Upper

128 100

129 14.0 13.4 20.2

127 15.9 15.2 22.8





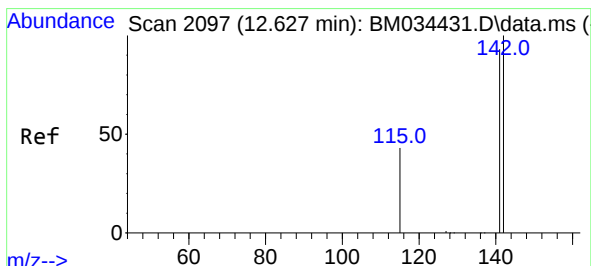
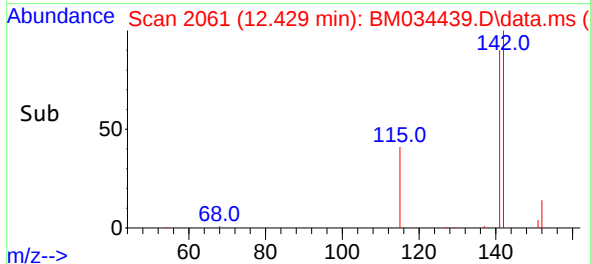
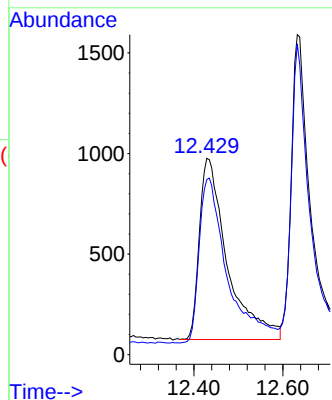
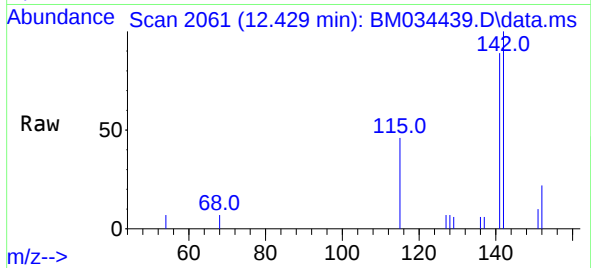
#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. 0.011 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

Instrument :
BNA_M
ClientSampleId :
SLCS639

Tgt Ion:142 Resp: 394
Ion Ratio Lower Upper
142 100
141 91.9 71.8 107.6

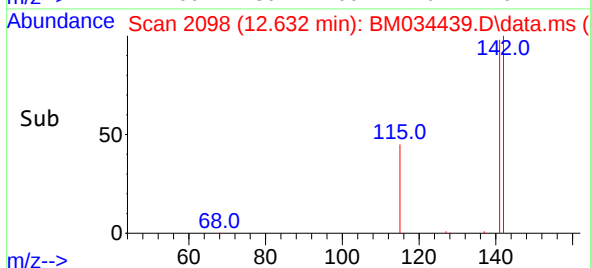
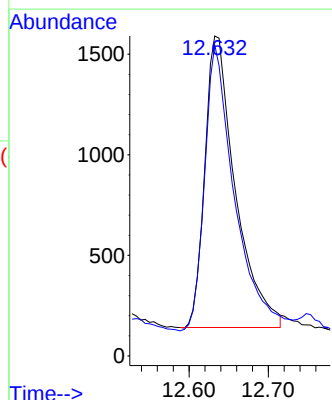
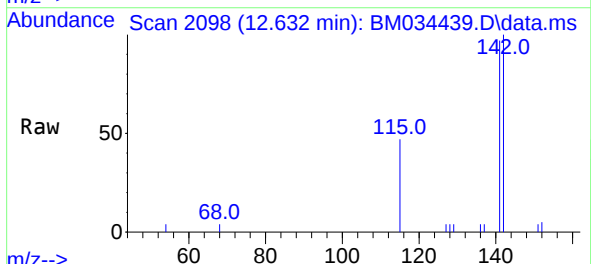
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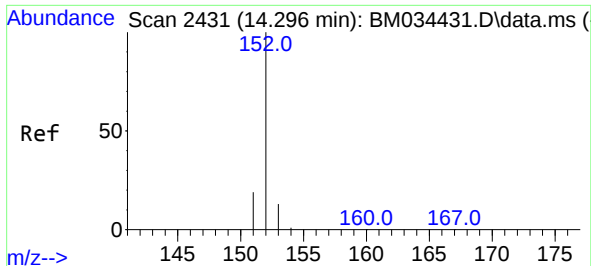
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

Tgt Ion:142 Resp: 3892
Ion Ratio Lower Upper
142 100
141 95.5 75.0 112.4





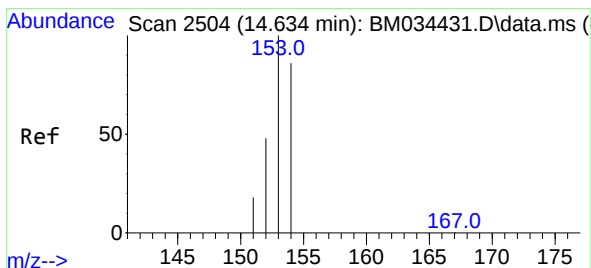
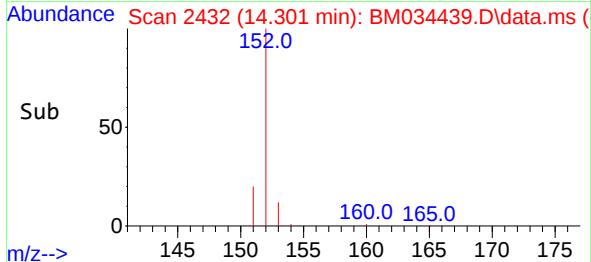
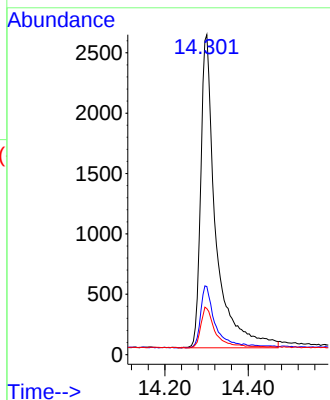
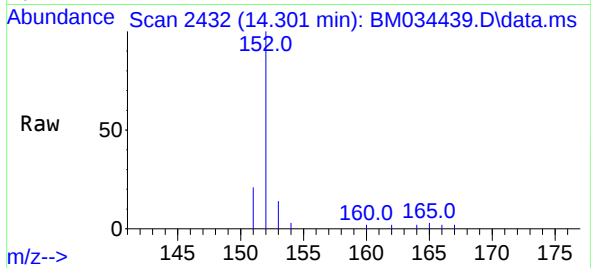
#10
Acenaphthylene
Concen: 0.469 ng/ul
RT: 14.301 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

Instrument :
BNA_M
ClientSampleId :
SLCS639

Tgt Ion:152 Resp: 654
Ion Ratio Lower Upper
152 100
151 21.3 19.9 29.9
153 14.4 15.0 22.4

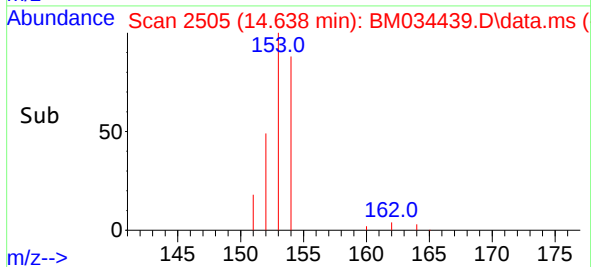
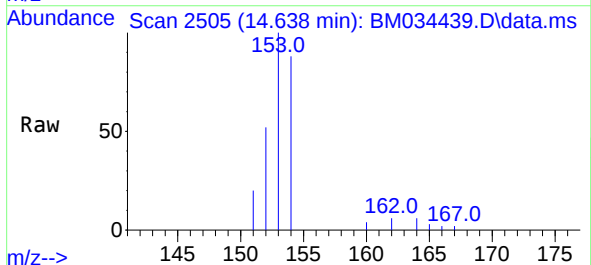
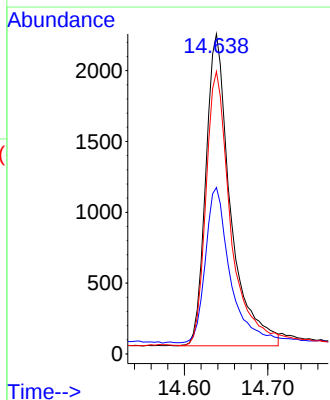
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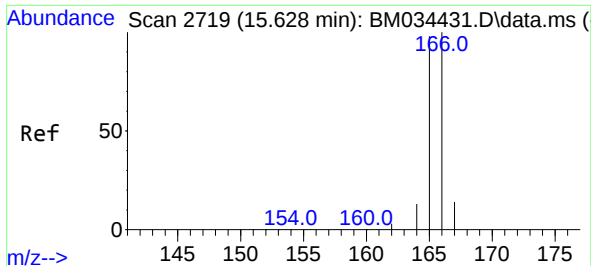
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

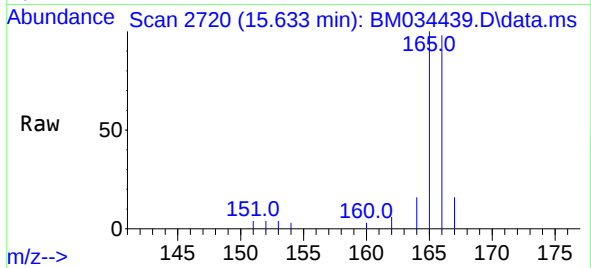
Tgt Ion:153 Resp: 4550
Ion Ratio Lower Upper
153 100
152 52.0 42.4 63.6
154 88.3 66.2 99.2





#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.633 min Scan# 2719
Delta R.T. 0.005 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

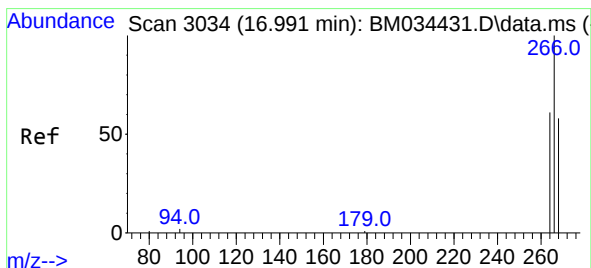
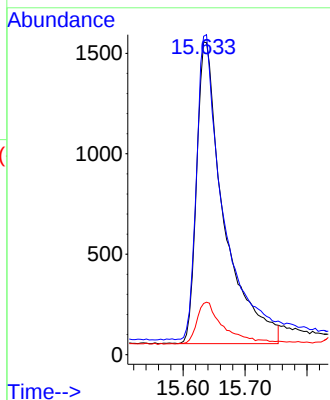
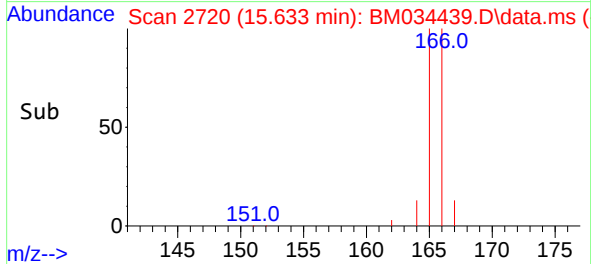
Instrument :
BNA_M
ClientSampleId :
SLCS639



Tgt Ion:166 Resp: 4589
Ion Ratio Lower Upper
166 100
165 101.9 81.1 121.7
167 16.4 14.9 22.3

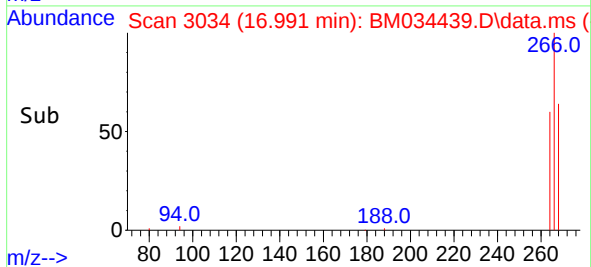
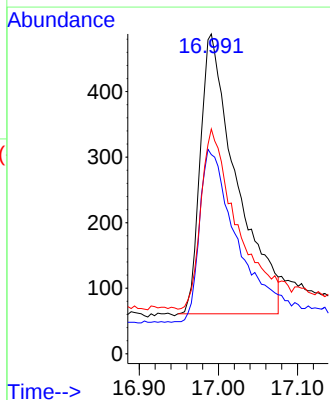
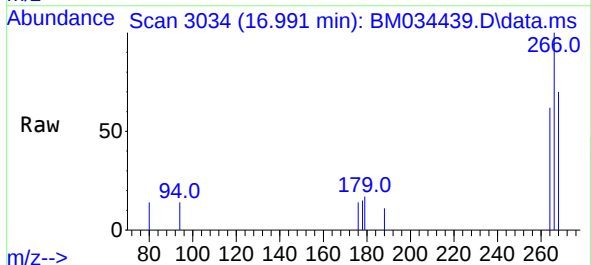
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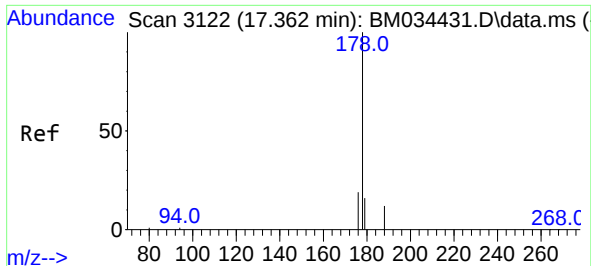
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#14
Pentachlorophenol
Concen: 0.728 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

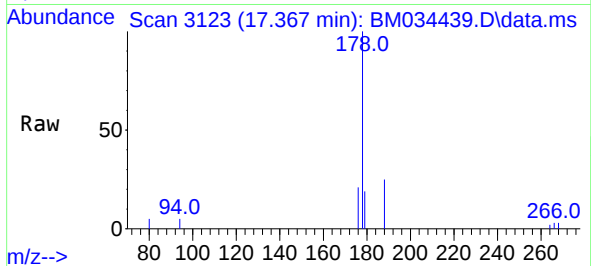
Tgt Ion:266 Resp: 1357
Ion Ratio Lower Upper
266 100
264 63.7 51.4 77.0
268 64.4 53.1 79.7





#15
Phenanthrene
Concen: 0.436 ng/u1
RT: 17.367 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

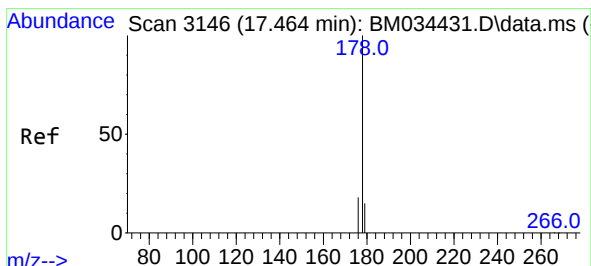
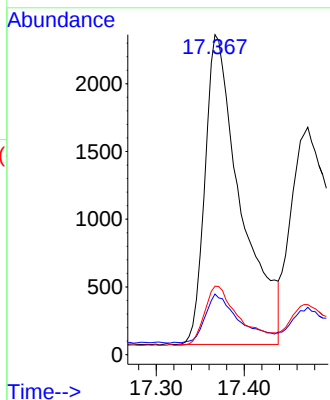
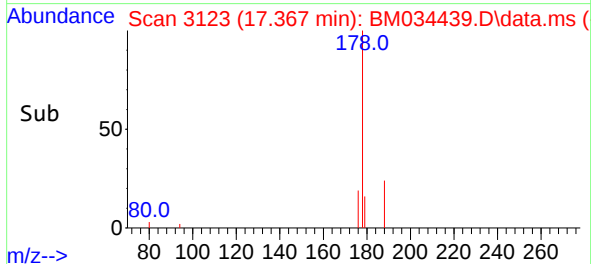
Instrument :
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ClientSampleId :
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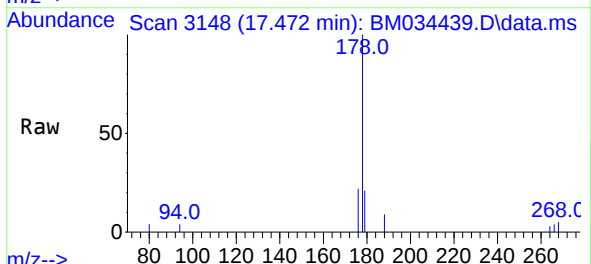
Tgt Ion:178 Resp: 6458
Ion Ratio Lower Upper
178 100
179 19.0 15.0 22.6
176 21.4 17.9 26.9

Manual Integrations
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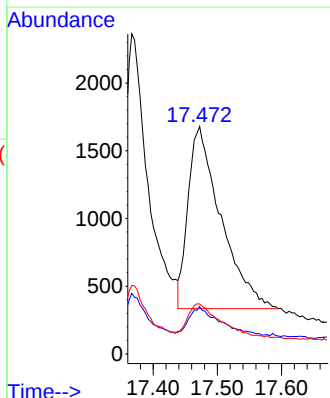
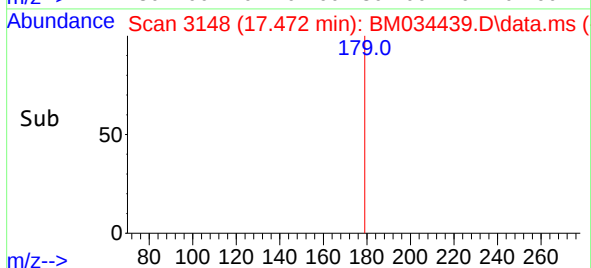
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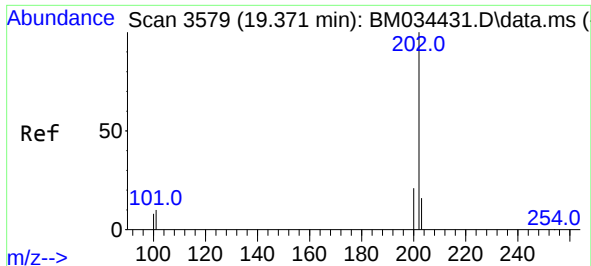


#16
Anthracene
Concen: 0.368 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. 0.013 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26



Tgt Ion:178 Resp: 4779
Ion Ratio Lower Upper
178 100
179 20.8 16.5 24.7
176 22.0 18.3 27.5





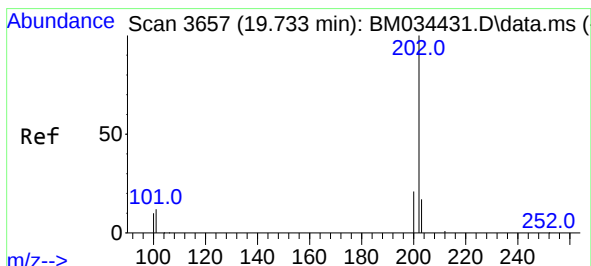
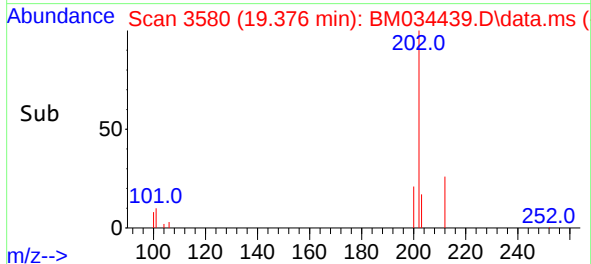
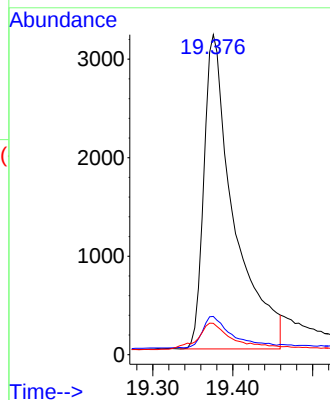
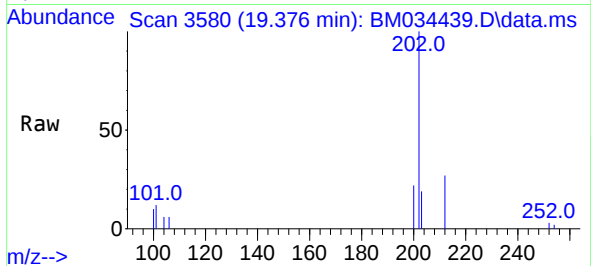
#19
Fluoranthene
Concen: 0.430 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

Instrument :
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Tgt Ion:202 Resp: 826
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.8 7.2 10.8

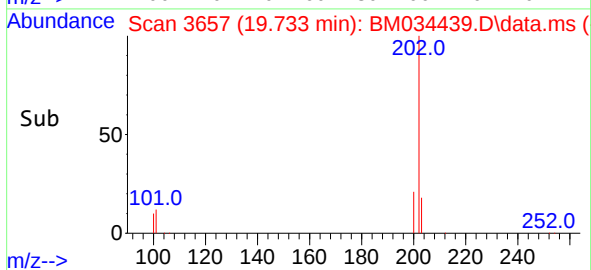
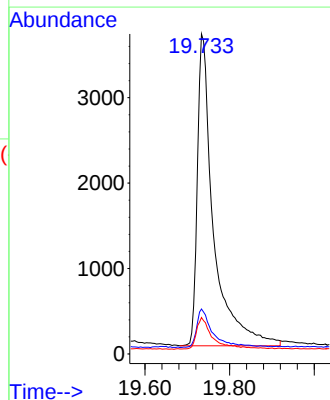
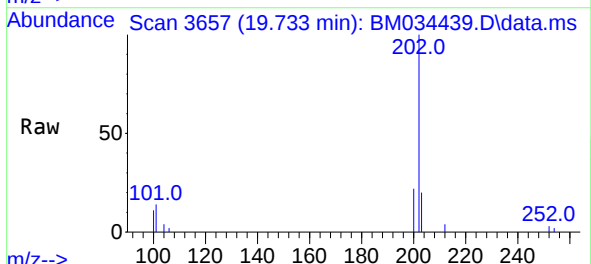
Manual Integrations
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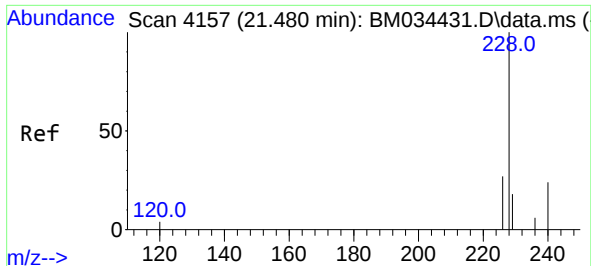
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.458 ng/u1
RT: 19.733 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

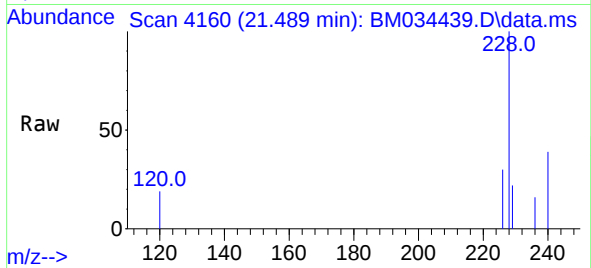
Tgt Ion:202 Resp: 9724
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
100 11.4 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.370 ng/u1
RT: 21.489 min Scan# 4157
Delta R.T. 0.003 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

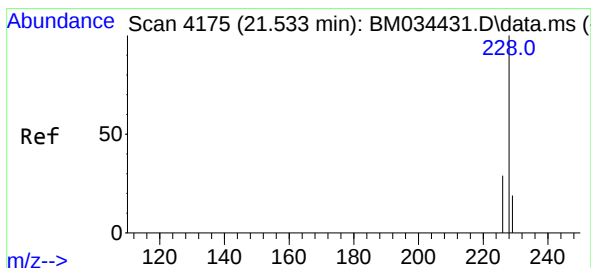
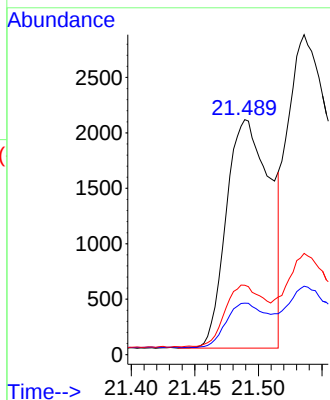
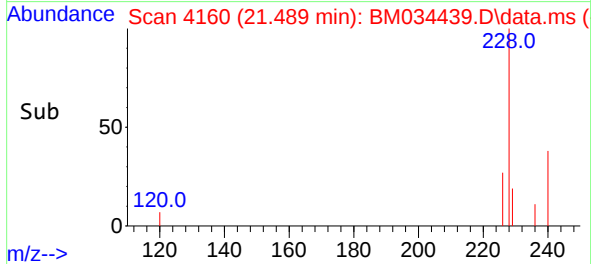
Instrument :
BNA_M
ClientSampleId :
SLCS639



Tgt Ion:228 Resp: 4928
Ion Ratio Lower Upper
228 100
229 21.9 17.3 25.9
226 29.5 23.2 34.8

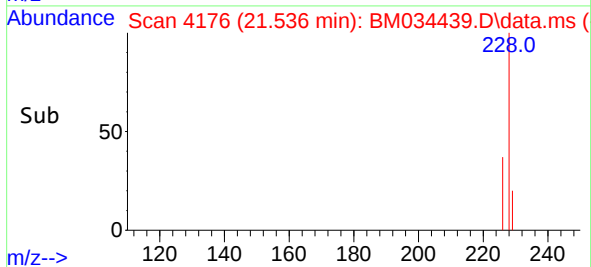
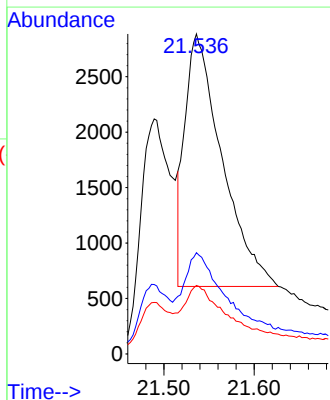
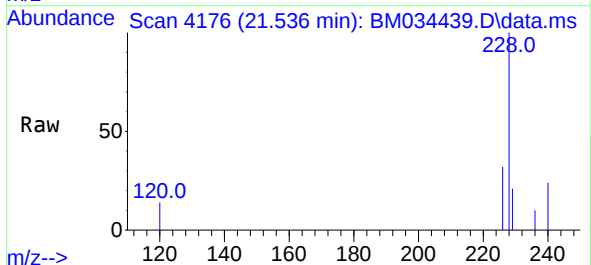
Manual Integrations
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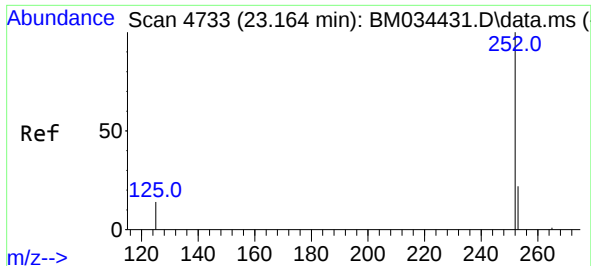
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#22
Chrysene
Concen: 0.425 ng/u1
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

Tgt Ion:228 Resp: 6481
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 21.4 16.7 25.1





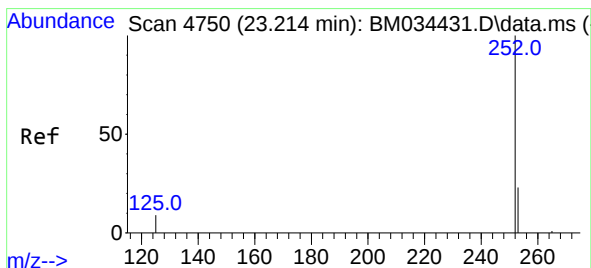
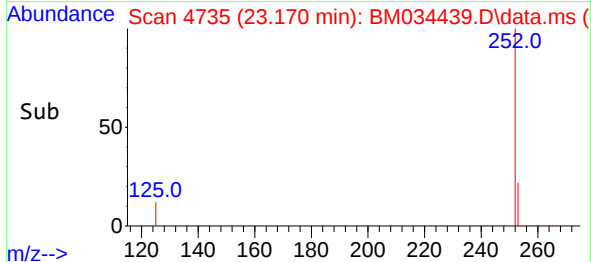
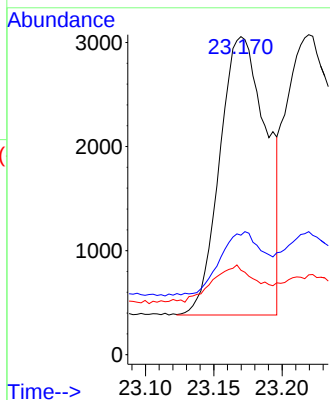
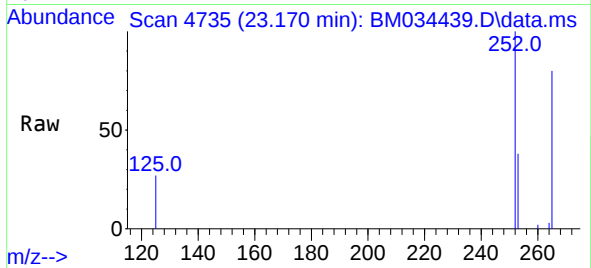
#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul m
RT: 23.170 min Scan# 4733
Delta R.T. -0.006 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

Instrument :
BNA_M
ClientSampleId :
SLCS639

Tgt Ion:252 Resp: 6330
Ion Ratio Lower Upper
252 100
253 37.6 0.0 64.2
125 26.6 0.0 28.8

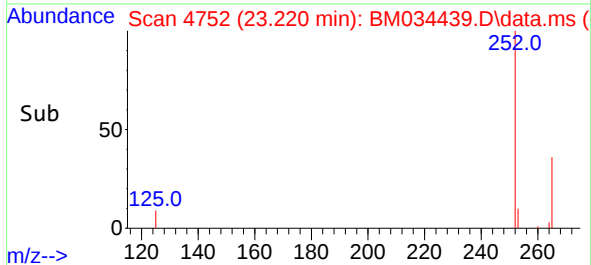
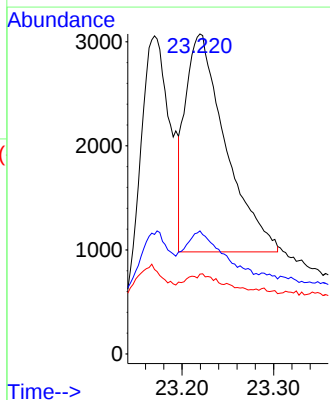
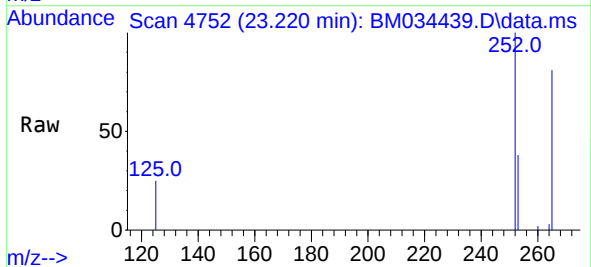
Manual Integrations
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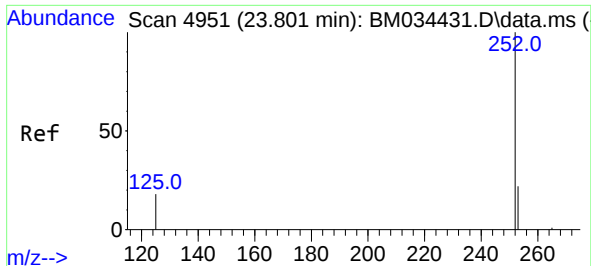
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.220 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

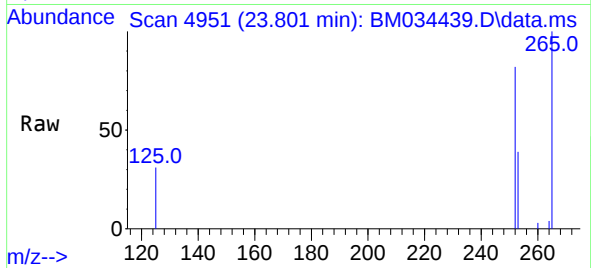
Tgt Ion:252 Resp: 6387
Ion Ratio Lower Upper
252 100
253 38.4 26.8 40.2
125 24.9 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.481 ng/u1
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

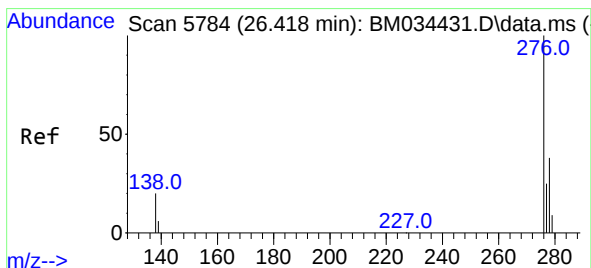
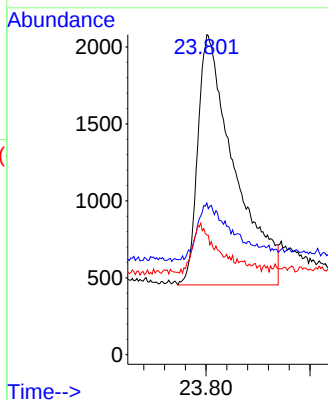
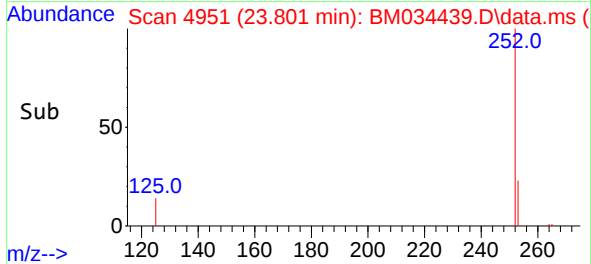
Instrument :
BNA_M
ClientSampleId :
SLCS639



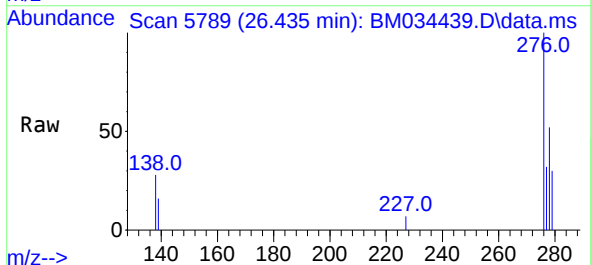
Tgt Ion:252 Resp: 793
Ion Ratio Lower Upper
252 100
253 47.4 32.0 48.0
125 37.4 14.5 21.7

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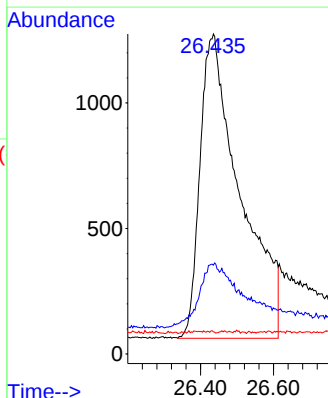
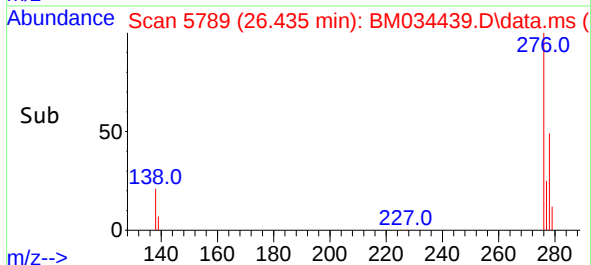
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

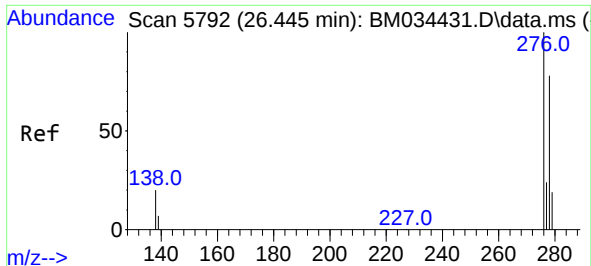


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/u1
RT: 26.435 min Scan# 5789
Delta R.T. 0.001 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26



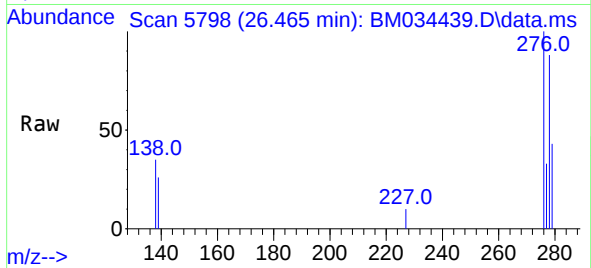
Tgt Ion:276 Resp: 9259
Ion Ratio Lower Upper
276 100
138 24.0 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.465 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26

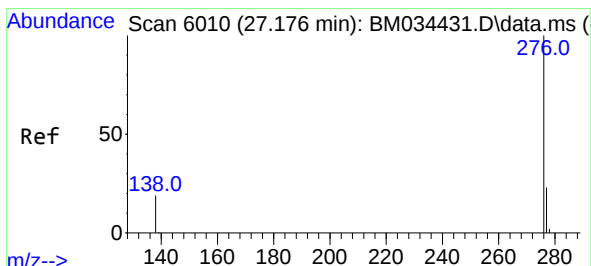
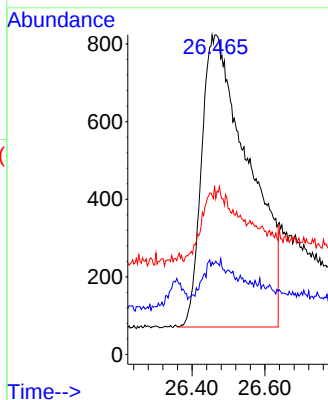
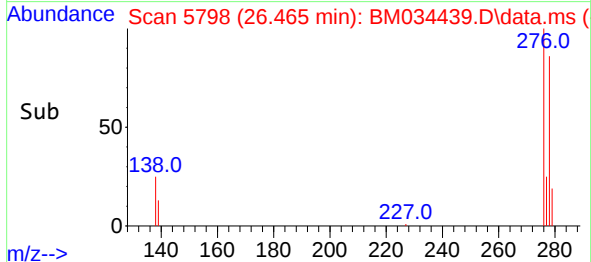
Instrument :
BNA_M
ClientSampleId :
SLCS639



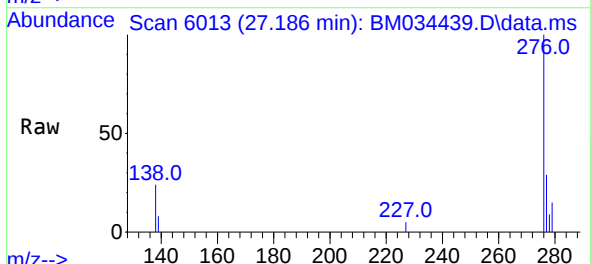
Tgt Ion:278 Resp: 675
Ion Ratio Lower Upper
278 100
139 29.2 18.0 27.0
279 48.8 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.470 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM034439.D
Acq: 30 Mar 2022 11:26



Tgt Ion:276 Resp: 9768
Ion Ratio Lower Upper
276 100
138 24.5 17.4 26.0
277 29.1 22.6 33.8

