

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034428.D
 Acq On : 30 Mar 2022 04:16
 Operator : CG/JU
 Sample : PB143564BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS564

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 04:52:32 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	7.942	152	2609	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	7809	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	3890	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	6175	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	5435	0.400	ng/ul	# 0.00
23) Perylene-d12	23.907	264	5937	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2728	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	3343	0.318	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	6712	0.396	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	8131	1.897	ng/ul#	80
5) Naphthalene	10.801	128	7293	0.323	ng/ul	93
7) 2-Methylnaphthalene	12.423	142	4116	0.298	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	4152	0.301	ng/ul	100
10) Acenaphthylene	14.296	152	6871	0.367	ng/ul	92
11) Acenaphthene	14.638	153	4822	0.338	ng/ul	95
12) Fluorene	15.633	166	4907	0.323	ng/ul	98
14) Pentachlorophenol	16.987	266	1560	0.627	ng/ul	98
15) Phenanthrene	17.367	178	6896	0.350	ng/ul	99
16) Anthracene	17.468	178	5465	0.316	ng/ul	97
19) Fluoranthene	19.376	202	8861	0.362	ng/ul	97
20) Pyrene	19.734	202	10222	0.378	ng/ul#	93
21) Benzo(a)anthracene	21.486	228	5286	0.311	ng/ul	99
22) Chrysene	21.533	228	6919	0.356	ng/ul	98
24) Benzo(b)fluoranthene	23.167	252	6620m	0.322	ng/ul	
25) Benzo(k)fluoranthene	23.217	252	6584	0.331	ng/ul#	85
26) Benzo(a)pyrene	23.798	252	8149	0.383	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.424	276	9564	0.345	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.465	278	7093	0.341	ng/ul#	80
29) Benzo(g,h,i)perylene	27.186	276	9950	0.371	ng/ul	96

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

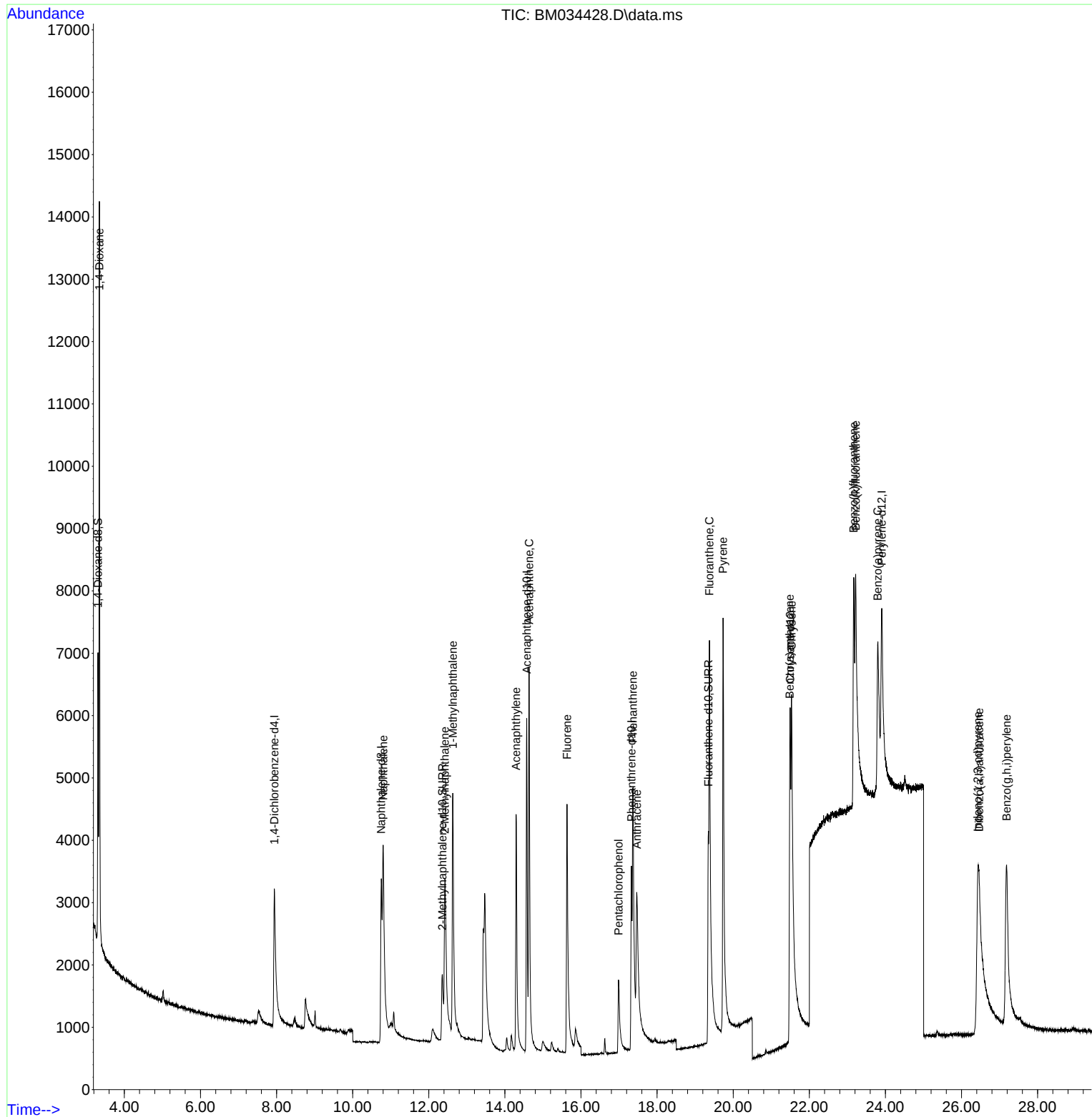
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
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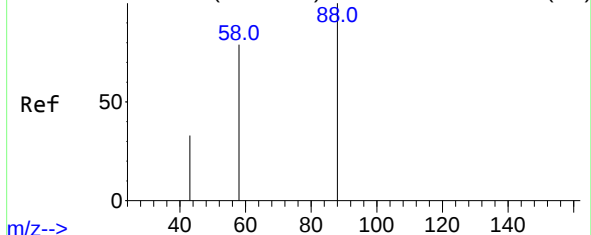
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Supervised By :Yogesh Patel 04/02/2022

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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
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Abundance Scan 38 (3.343 min): BM034416.D\data.ms (-32)



#2

1,4-Dioxane

Concen: 1.897 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. 0.000 min

Lab File: BM034428.D

Acq: 30 Mar 2022 04:16

Instrument :

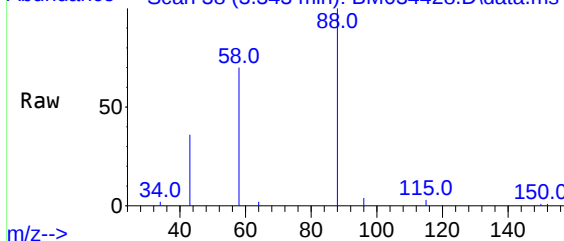
BNA_M

ClientSampleId :

SLCS564

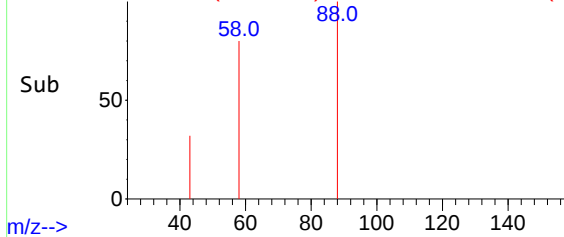
m/z-->

Abundance Scan 38 (3.343 min): BM034428.D\data.ms



m/z-->

Abundance Scan 38 (3.343 min): BM034428.D\data.ms (-26)



m/z-->

Tgt Ion: 88 Resp: 813

Ion Ratio Lower Upper

88 100

43 35.6 49.7 74.5

58 69.9 52.5 78.7

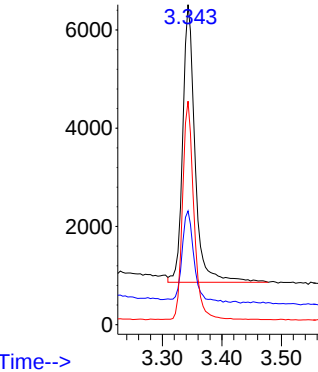
Manual Integrations

APPROVED

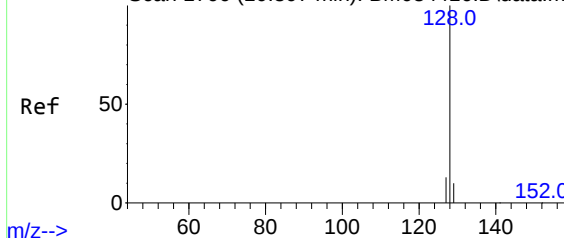
Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022

Abundance

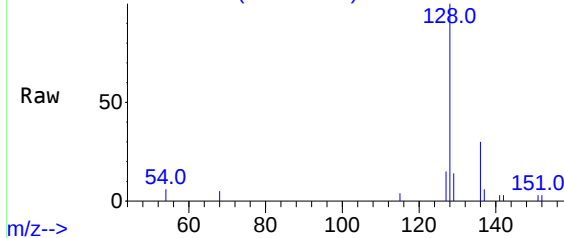


Abundance Scan 1766 (10.807 min): BM034416.D\data.ms (-32)



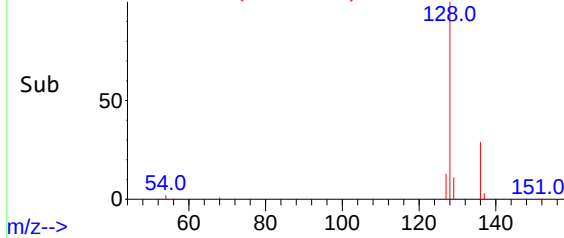
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Abundance Scan 1765 (10.801 min): BM034428.D\data.ms



m/z-->

Abundance Scan 1765 (10.801 min): BM034428.D\data.ms (-26)



m/z-->

#5

Naphthalene

Concen: 0.323 ng/ul

RT: 10.801 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM034428.D

Acq: 30 Mar 2022 04:16

Tgt Ion:128 Resp: 7293

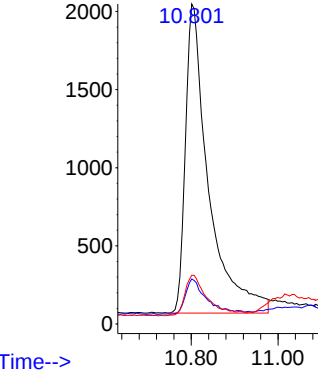
Ion Ratio Lower Upper

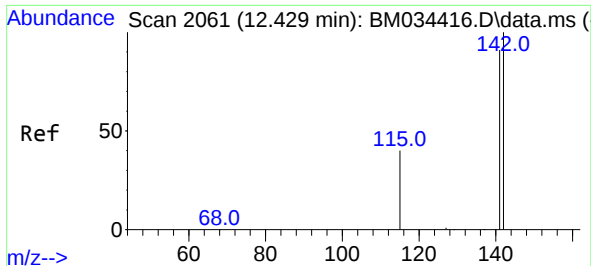
128 100

129 14.1 13.4 20.2

127 15.2 15.2 22.8

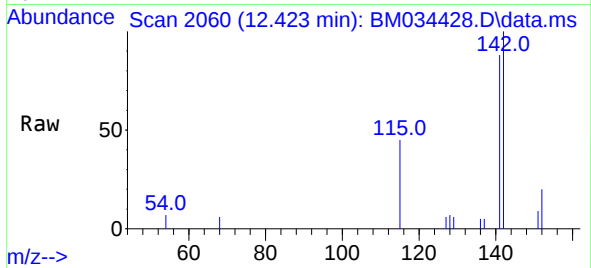
Abundance





#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

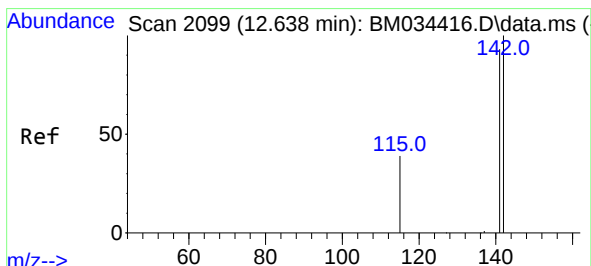
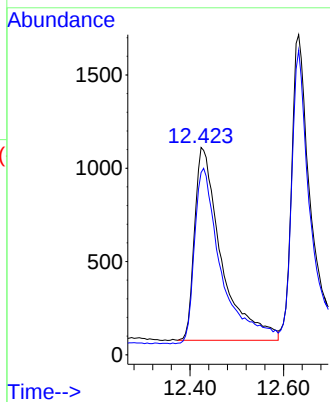
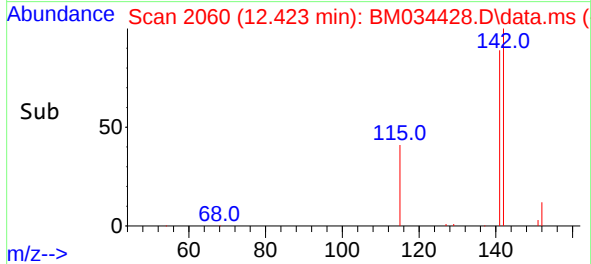
Instrument :
BNA_M
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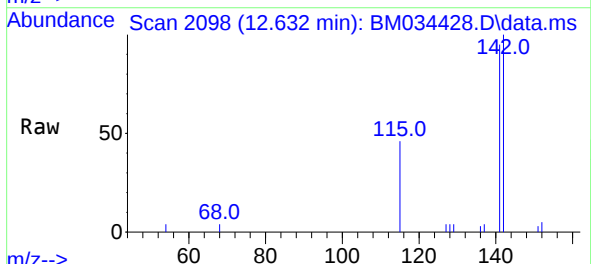
Tgt Ion:142 Resp: 4110
Ion Ratio Lower Upper
142 100
141 93.0 71.8 107.6

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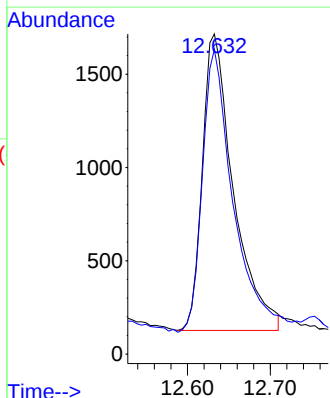
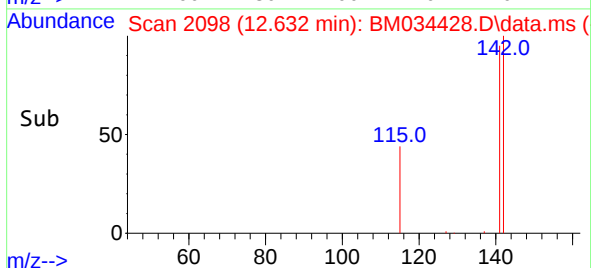
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

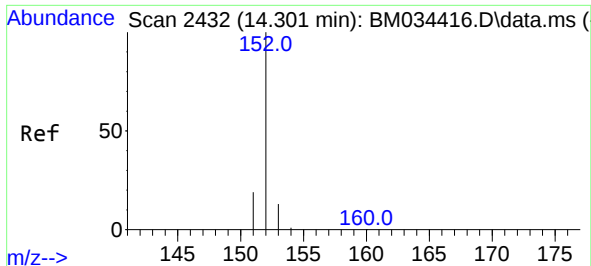


#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



Tgt Ion:142 Resp: 4152
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4





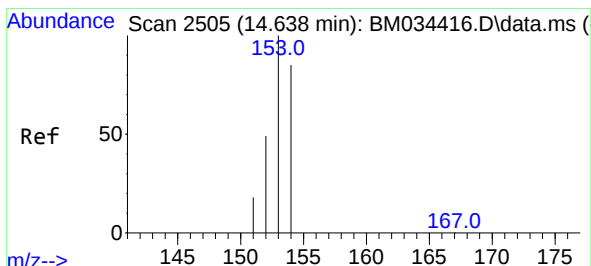
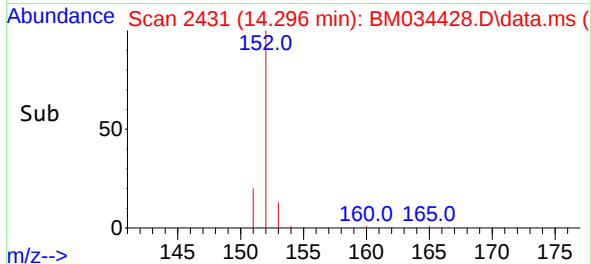
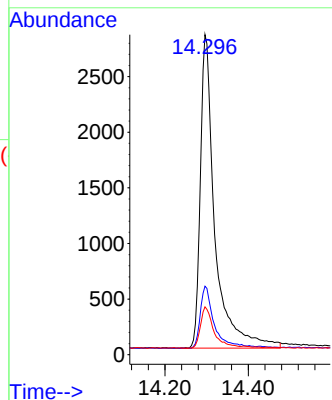
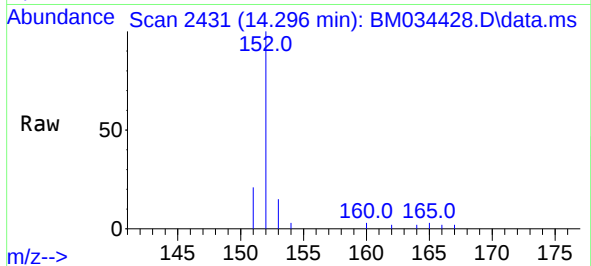
#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

Instrument :
BNA_M
ClientSampleId :
SLCS564

Tgt Ion:152 Resp: 687
Ion Ratio Lower Upper
152 100
151 21.4 19.9 29.9
153 15.0 15.0 22.4

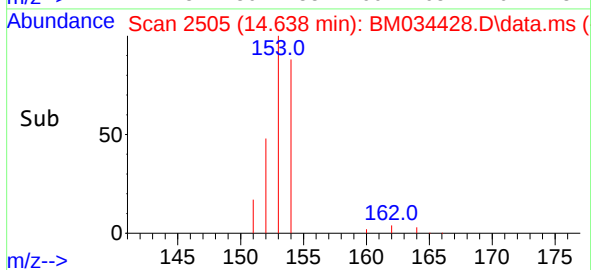
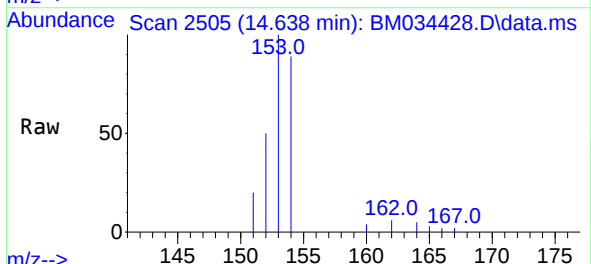
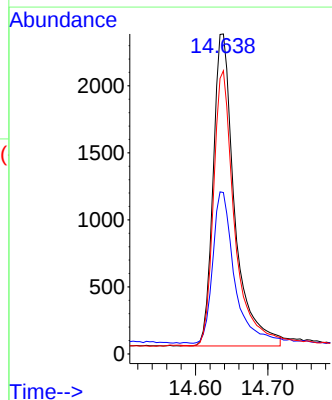
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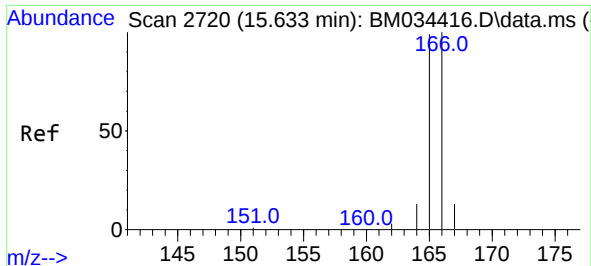
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

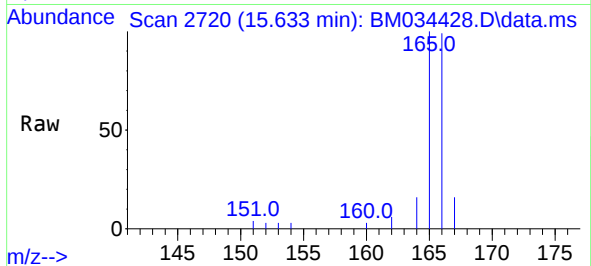
Tgt Ion:153 Resp: 4822
Ion Ratio Lower Upper
153 100
152 50.4 42.4 63.6
154 88.5 66.2 99.2





#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

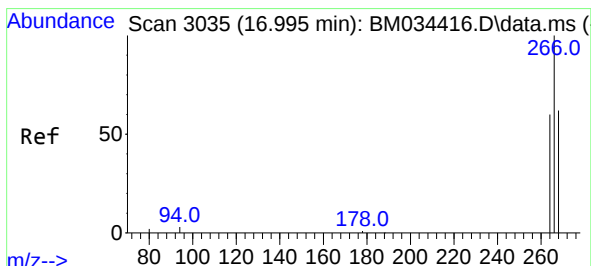
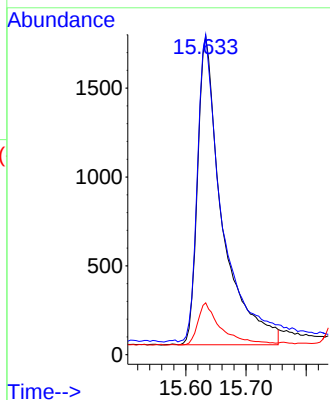
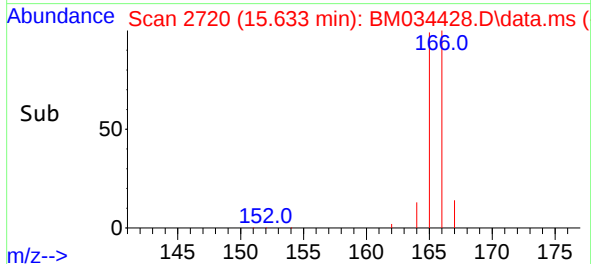
Instrument :
BNA_M
ClientSampleId :
SLCS564



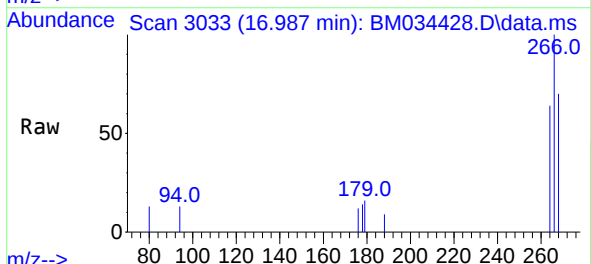
Tgt Ion:166 Resp: 490
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 16.3 14.9 22.3

Manual Integrations
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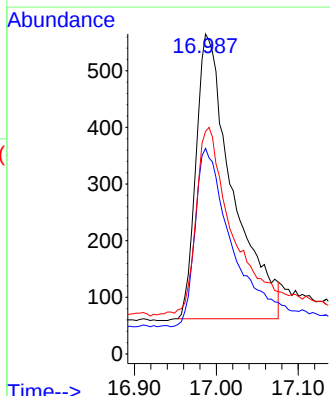
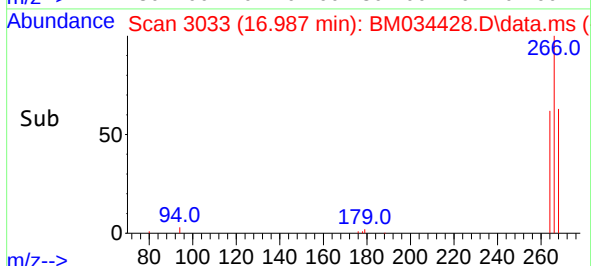
Reviewed By :Jagrut Upadhyay 03/31/2022
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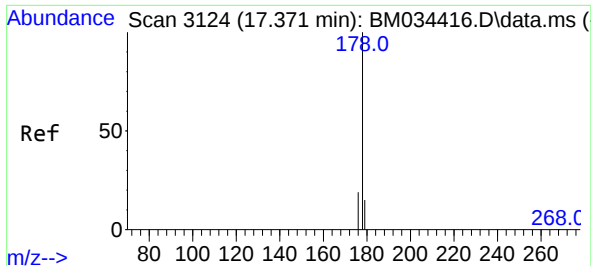


#14
Pentachlorophenol
Concen: 0.627 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



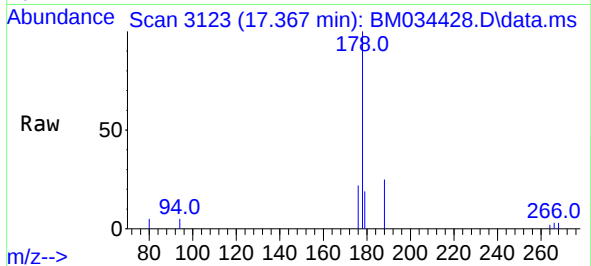
Tgt Ion:266 Resp: 1560
Ion Ratio Lower Upper
266 100
264 63.1 51.4 77.0
268 63.8 53.1 79.7





#15
Phenanthrene
Concen: 0.350 ng/u1
RT: 17.367 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

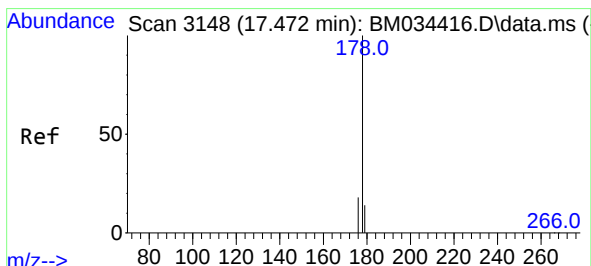
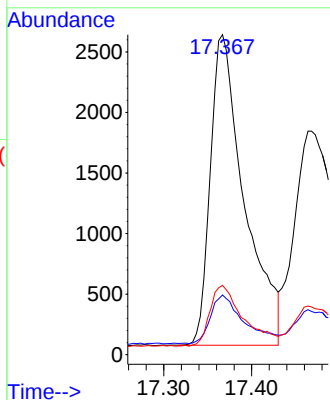
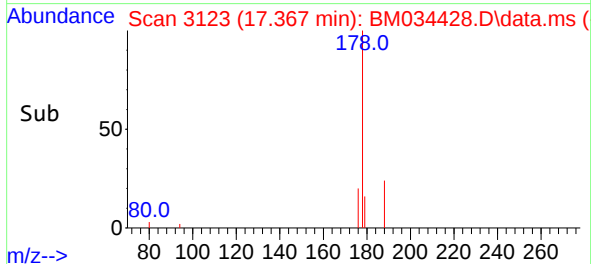
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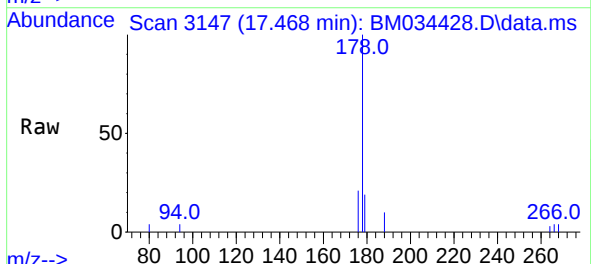
Tgt Ion:178 Resp: 6890
Ion Ratio Lower Upper
178 100
179 18.7 15.0 22.6
176 21.7 17.9 26.9

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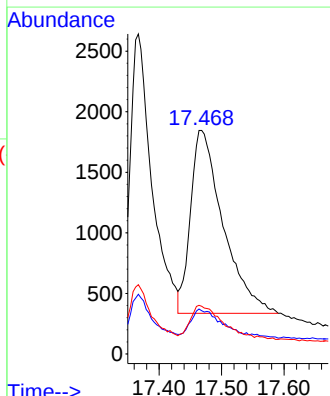
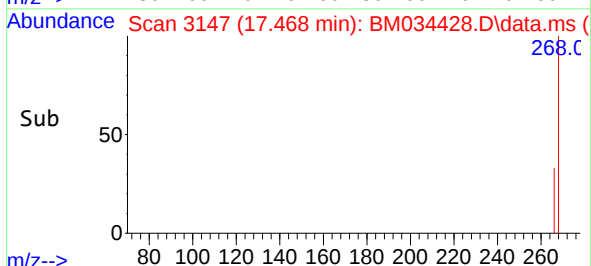
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

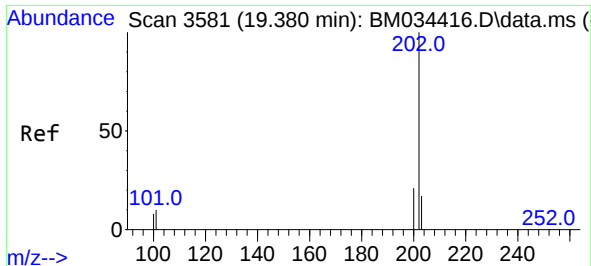


#16
Anthracene
Concen: 0.316 ng/u1
RT: 17.468 min Scan# 3147
Delta R.T. 0.009 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



Tgt Ion:178 Resp: 5465
Ion Ratio Lower Upper
178 100
179 19.3 16.5 24.7
176 21.3 18.3 27.5





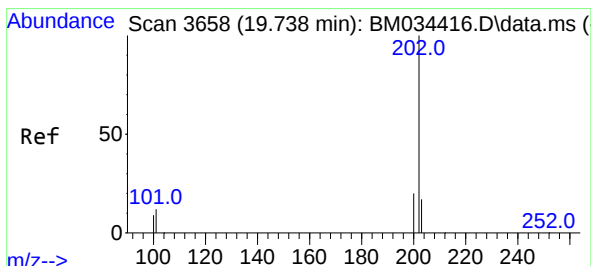
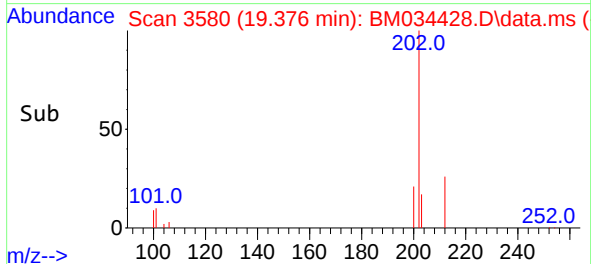
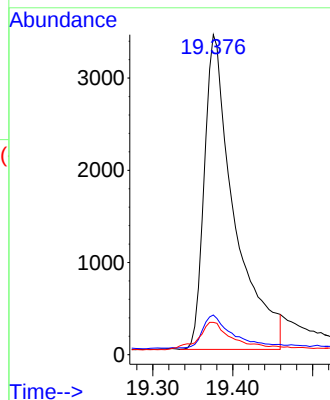
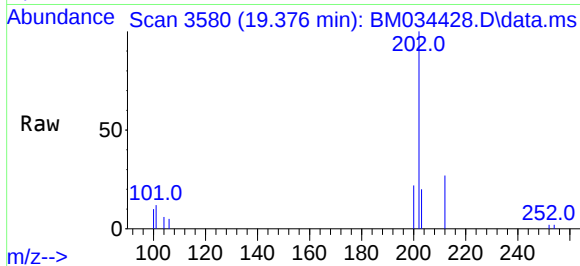
#19
Fluoranthene
Concen: 0.362 ng/u1
RT: 19.376 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

Instrument :
BNA_M
ClientSampleId :
SLCS564

Tgt Ion:202 Resp: 886
Ion Ratio Lower Upper
202 100
101 12.4 9.2 13.8
100 10.1 7.2 10.8

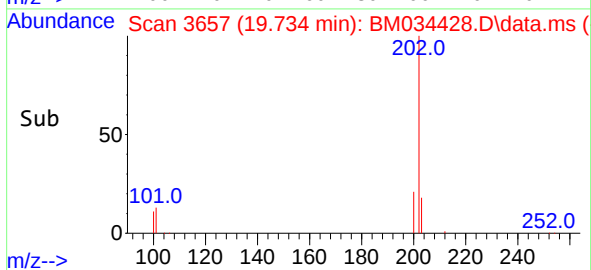
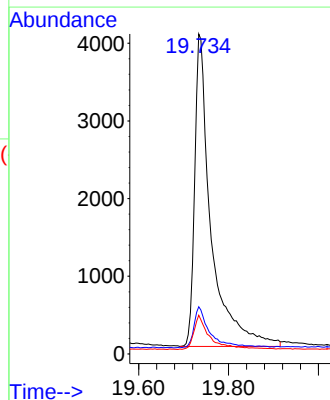
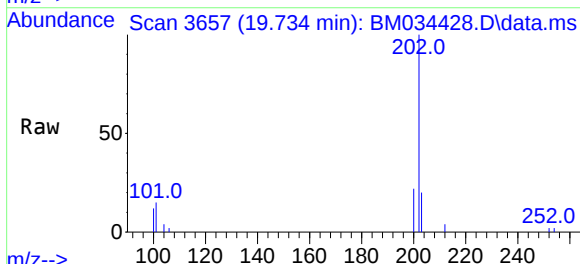
Manual Integrations
APPROVED

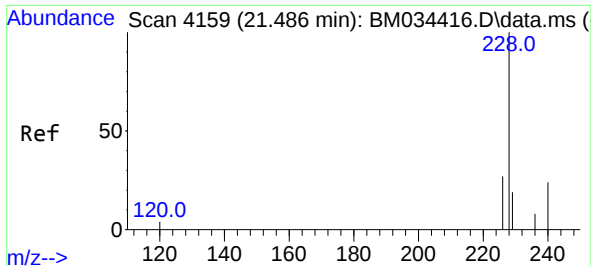
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.378 ng/u1
RT: 19.734 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

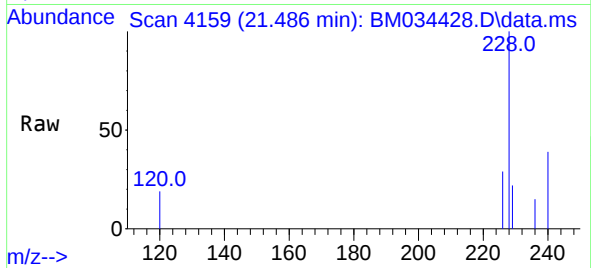
Tgt Ion:202 Resp: 10222
Ion Ratio Lower Upper
202 100
101 14.7 9.3 13.9#
100 12.1 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.311 ng/u1
RT: 21.486 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

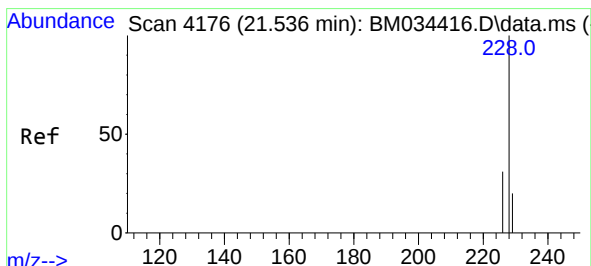
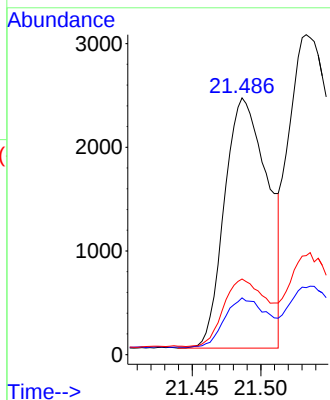
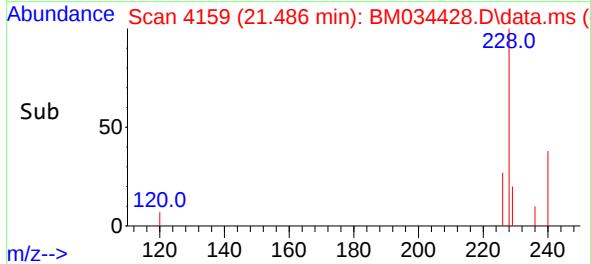
Instrument :
BNA_M
ClientSampleId :
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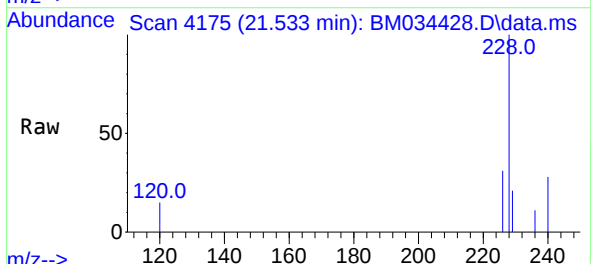
Tgt Ion:228 Resp: 5280
Ion Ratio Lower Upper
228 100
229 22.1 17.3 25.9
226 29.5 23.2 34.8

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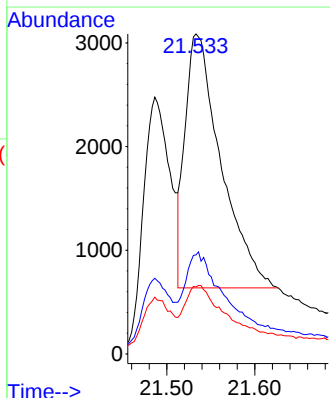
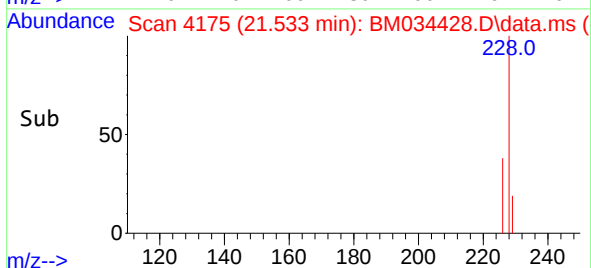
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

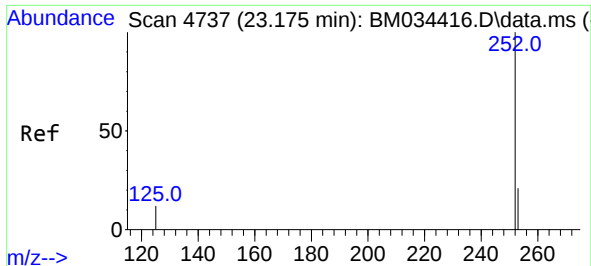


#22
Chrysene
Concen: 0.356 ng/u1
RT: 21.533 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



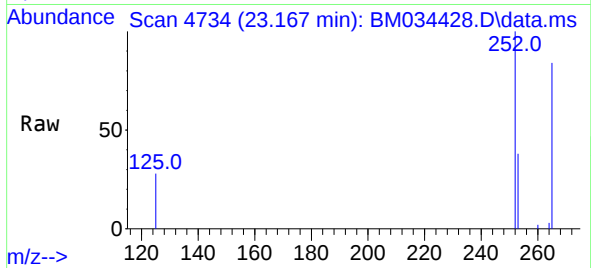
Tgt Ion:228 Resp: 6919
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

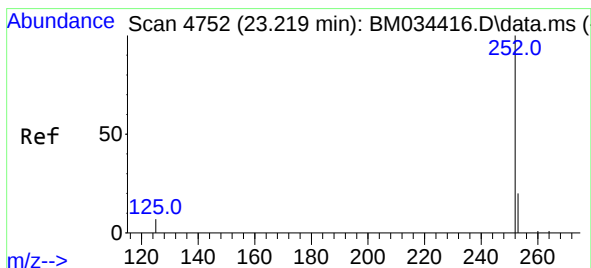
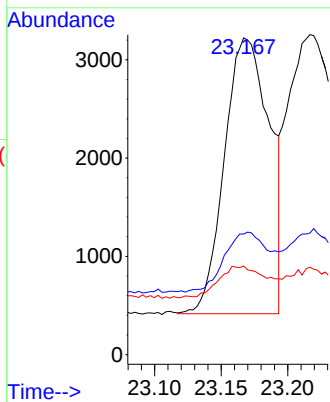
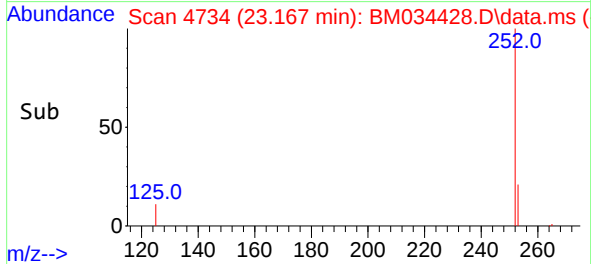
Instrument :
BNA_M
ClientSampleId :
SLCS564



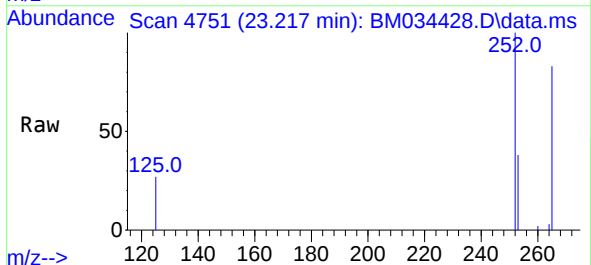
Tgt Ion:252 Resp: 6620
Ion Ratio Lower Upper
252 100
253 38.1 0.0 64.2
125 27.9 0.0 28.8

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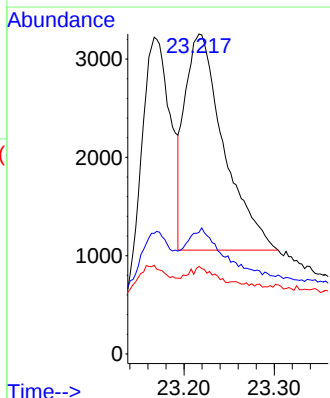
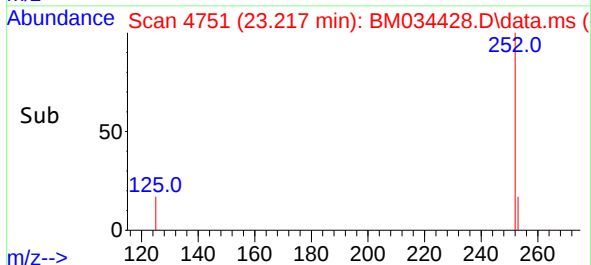
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

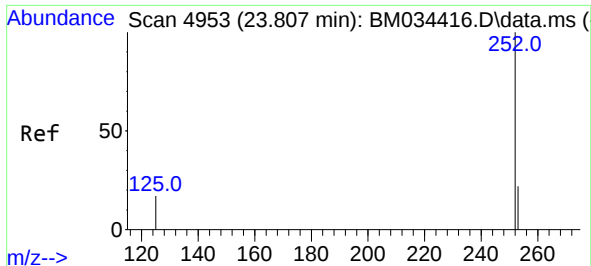


#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.217 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



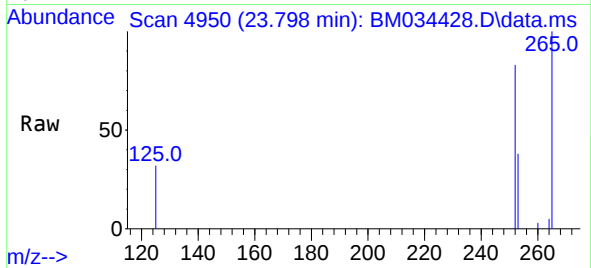
Tgt Ion:252 Resp: 6584
Ion Ratio Lower Upper
252 100
253 38.0 26.8 40.2
125 27.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.798 min Scan# 4953
Delta R.T. -0.009 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

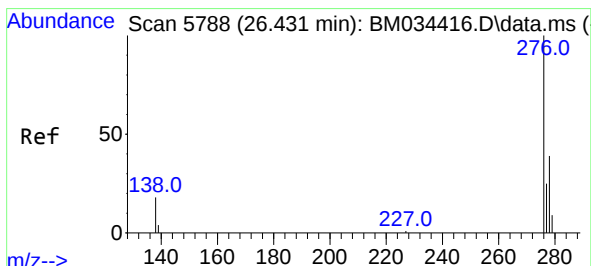
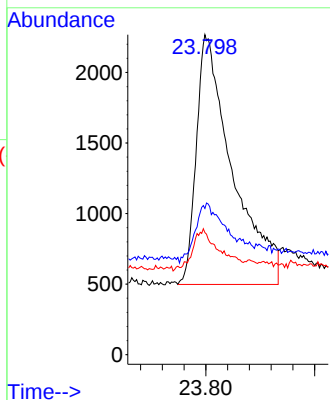
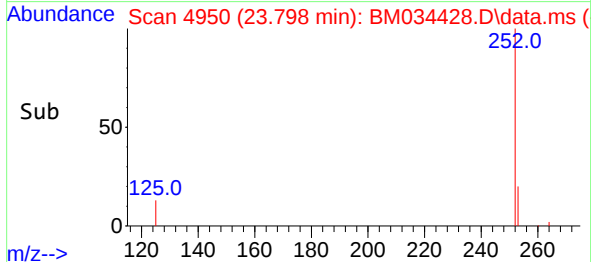
Instrument :
BNA_M
ClientSampleId :
SLCS564



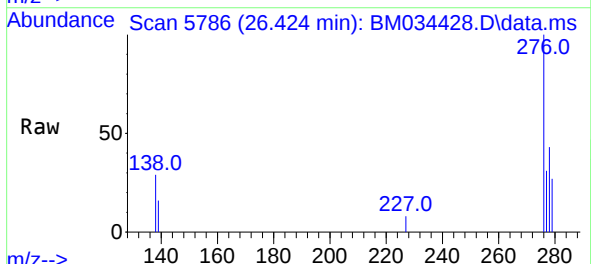
Tgt Ion:252 Resp: 8149
Ion Ratio Lower Upper
252 100
253 45.7 32.0 48.0
125 38.1 14.5 21.7

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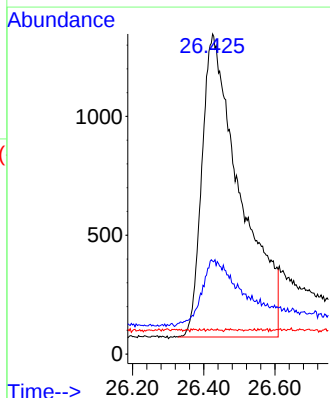
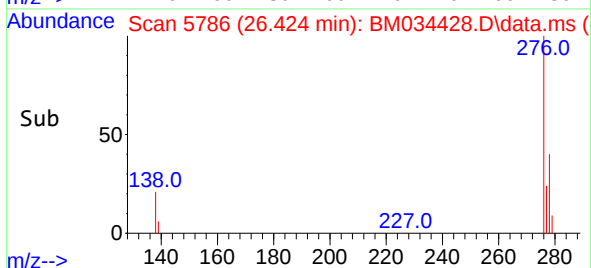
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

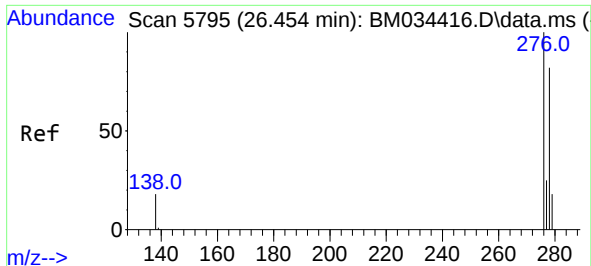


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.010 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



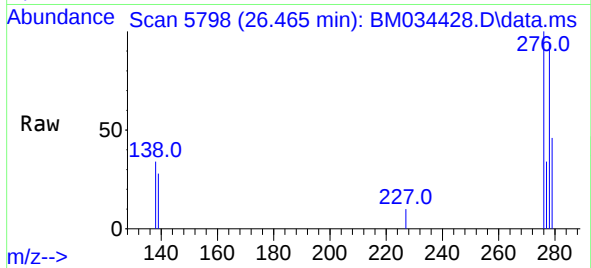
Tgt Ion:276 Resp: 9564
Ion Ratio Lower Upper
276 100
138 24.3 15.8 23.6#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.465 min Scan# 5795
Delta R.T. 0.007 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16

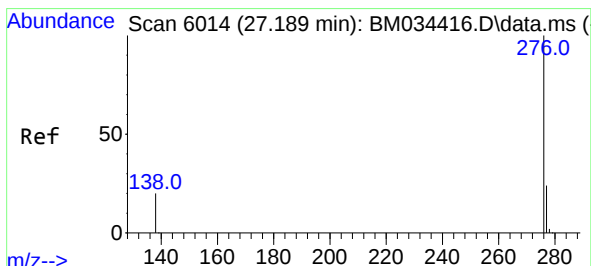
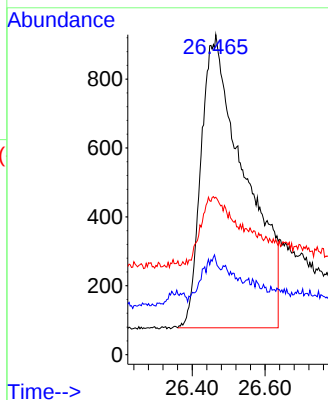
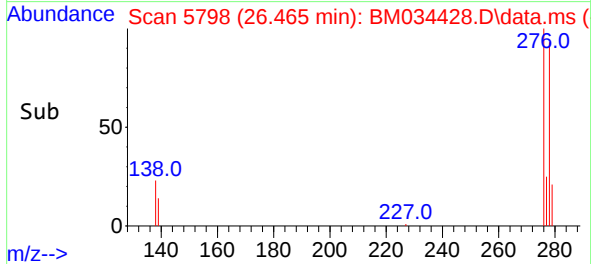
Instrument :
BNA_M
ClientSampleId :
SLCS564



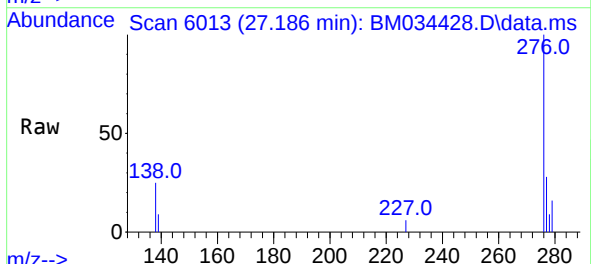
Tgt Ion:278 Resp: 709
Ion Ratio Lower Upper
278 100
139 29.5 18.0 27.0
279 49.2 28.6 42.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM034428.D
Acq: 30 Mar 2022 04:16



Tgt Ion:276 Resp: 9950
Ion Ratio Lower Upper
276 100
138 25.4 17.4 26.0
277 27.7 22.6 33.8

