

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034430.D
 Acq On : 30 Mar 2022 05:28
 Operator : CG/JU
 Sample : PB143637BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS637

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 06:36:37 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	2274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	6553	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	3354	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	5576	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	4716	0.400	ng/ul	# 0.00
23) Perylene-d12	23.904	264	5213	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2917	0.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	3615	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	7515	0.511	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	8290	2.219	ng/ul#	81
5) Naphthalene	10.801	128	7652	0.403	ng/ul#	92
7) 2-Methylnaphthalene	12.429	142	4272	0.368	ng/ul	96
8) 1-Methylnaphthalene	12.632	142	4333	0.374	ng/ul	100
10) Acenaphthylene	14.296	152	7267	0.450	ng/ul#	92
11) Acenaphthene	14.634	153	5140	0.418	ng/ul	96
12) Fluorene	15.633	166	5310	0.405	ng/ul	98
14) Pentachlorophenol	16.987	266	1716	0.764	ng/ul	96
15) Phenanthrene	17.363	178	7680	0.431	ng/ul	98
16) Anthracene	17.464	178	5996	0.384	ng/ul	98
19) Fluoranthene	19.376	202	9718	0.457	ng/ul	99
20) Pyrene	19.733	202	11132	0.474	ng/ul	96
21) Benzo(a)anthracene	21.483	228	5529m	0.375	ng/ul	
22) Chrysene	21.533	228	7463	0.442	ng/ul	98
24) Benzo(b)fluoranthene	23.167	252	7473	0.415	ng/ul	86
25) Benzo(k)fluoranthene	23.214	252	6949	0.398	ng/ul#	90
26) Benzo(a)pyrene	23.801	252	8793	0.471	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.424	276	10577	0.434	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.451	278	7739	0.424	ng/ul#	83
29) Benzo(g,h,i)perylene	27.179	276	10941	0.465	ng/ul	97

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

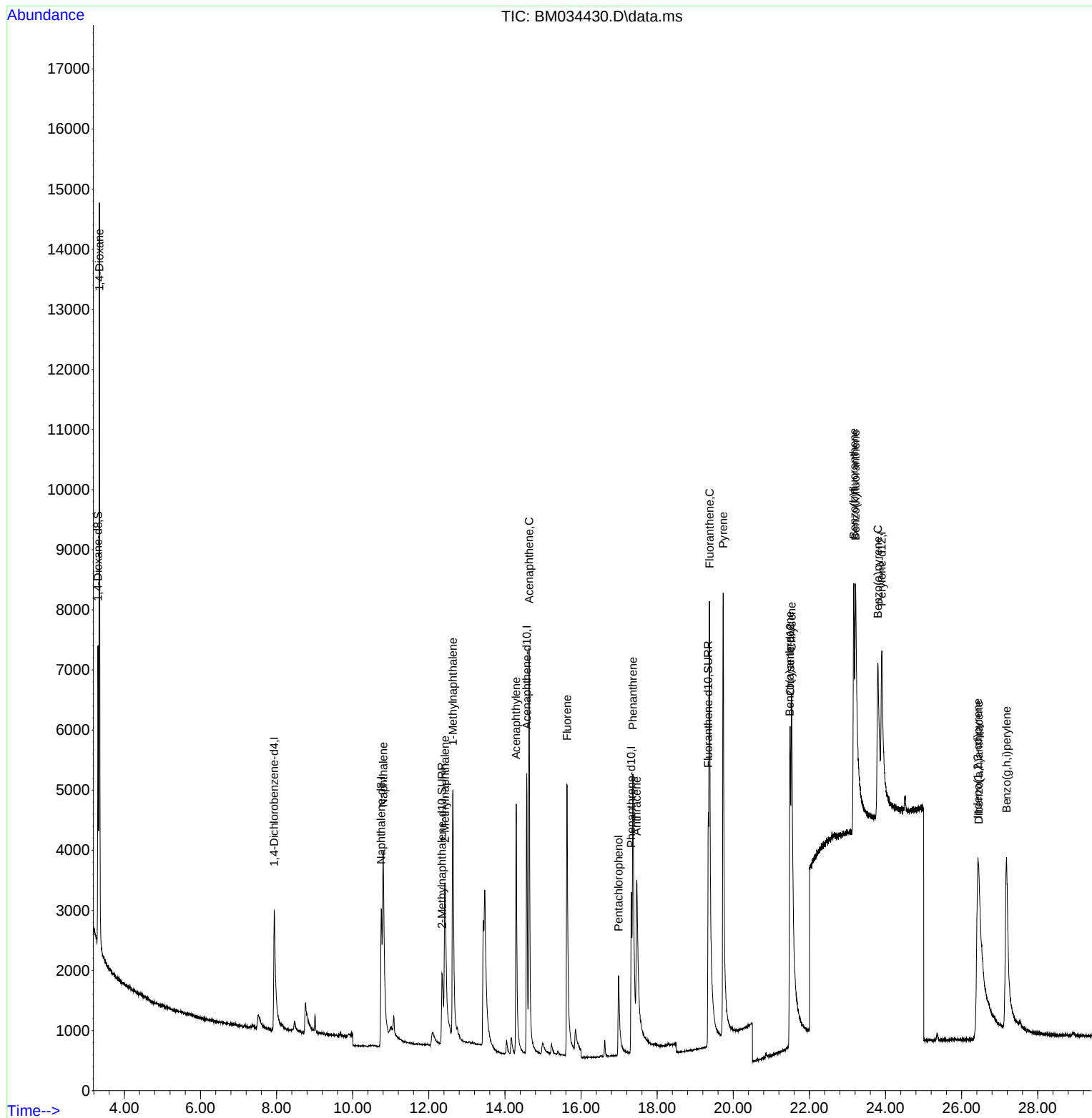
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034430.D
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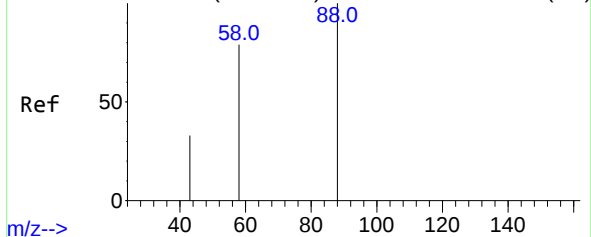
Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

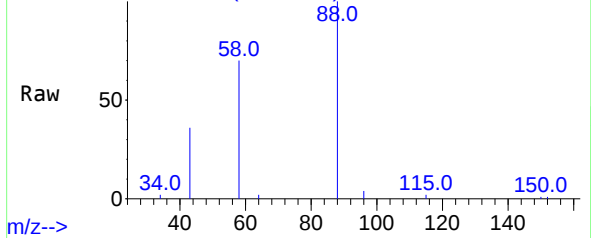
Quant Time: Mar 30 06:36:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
Response via : Initial Calibration



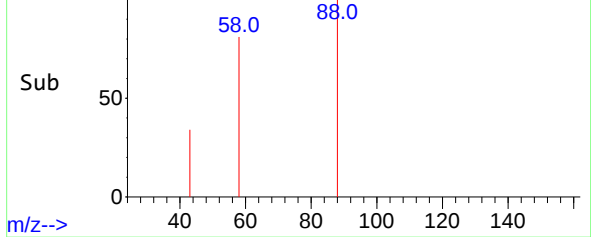
Abundance Scan 38 (3.343 min): BM034416.D\data.ms (-32)



m/z--> Abundance Scan 38 (3.343 min): BM034430.D\data.ms



m/z--> Abundance Scan 38 (3.343 min): BM034430.D\data.ms (-26)



m/z-->

#2

1,4-Dioxane

Concen: 2.219 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. 0.000 min

Lab File: BM034430.D

Acq: 30 Mar 2022 05:28

Instrument :

BNA_M

ClientSampleId :

SLCS637

Tgt Ion: 88 Resp: 8290

Ion Ratio Lower Upper

88 100

43 35.7 49.7 74.5

58 69.6 52.5 78.7

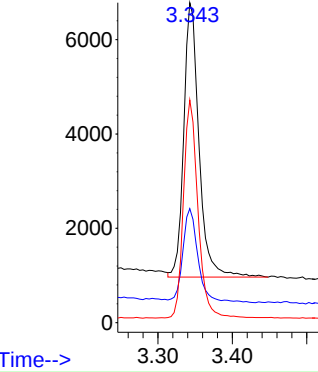
Manual Integrations

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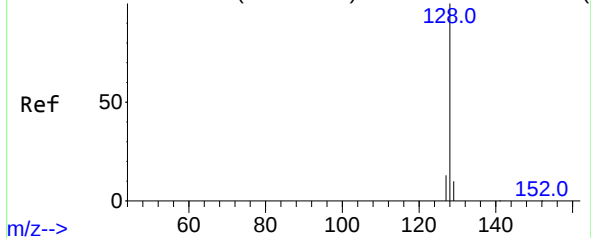
Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022

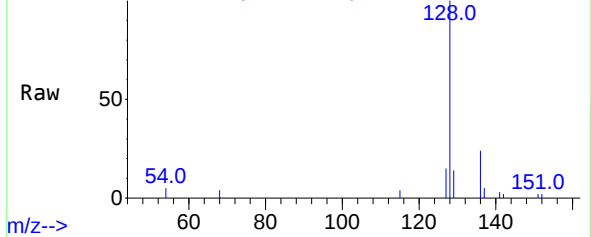
Abundance



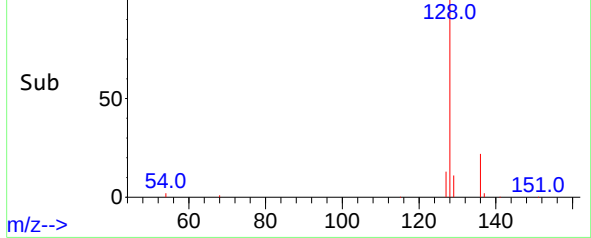
Abundance Scan 1766 (10.807 min): BM034416.D\data.ms (-32)



m/z--> Abundance Scan 1765 (10.801 min): BM034430.D\data.ms



m/z--> Abundance Scan 1765 (10.801 min): BM034430.D\data.ms (-26)



m/z-->

#5

Naphthalene

Concen: 0.403 ng/ul

RT: 10.801 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM034430.D

Acq: 30 Mar 2022 05:28

Tgt Ion:128 Resp: 7652

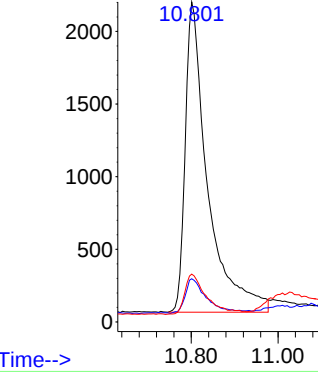
Ion Ratio Lower Upper

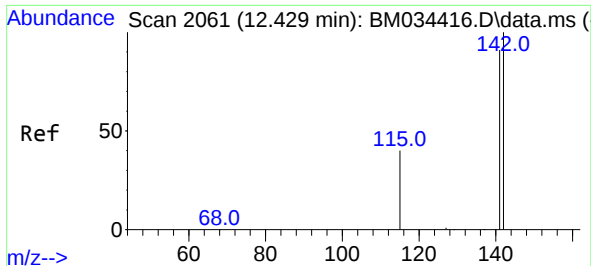
128 100

129 13.5 13.4 20.2

127 14.9 15.2 22.8#

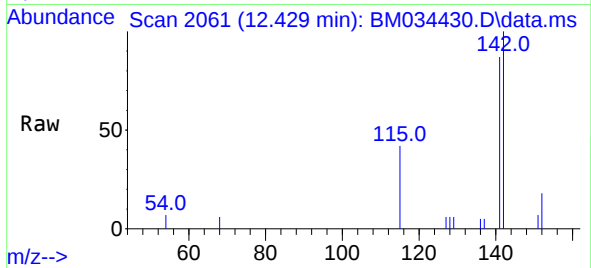
Abundance





#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. 0.011 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

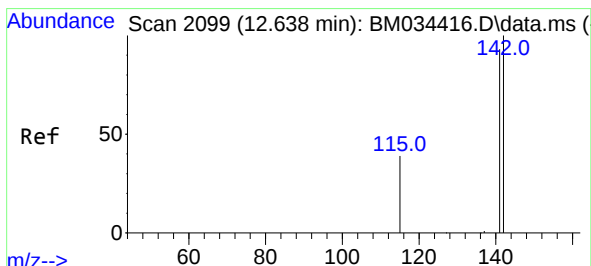
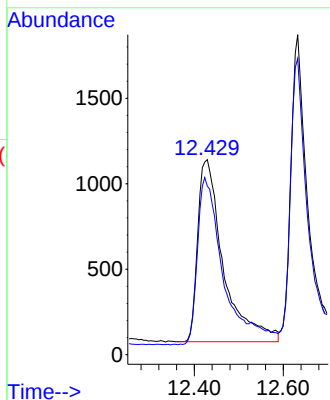
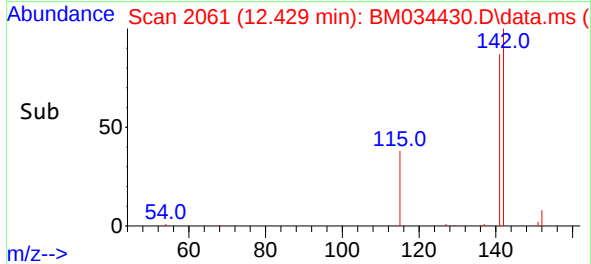
Instrument :
BNA_M
ClientSampleId :
SLCS637



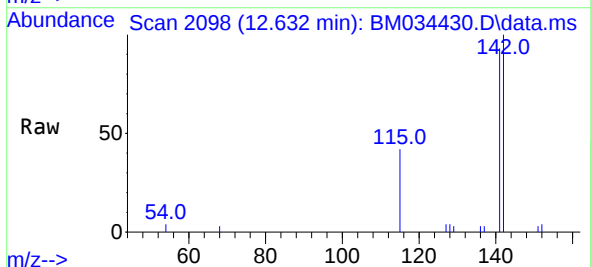
Tgt Ion:142 Resp: 4272
Ion Ratio Lower Upper
142 100
141 93.8 71.8 107.6

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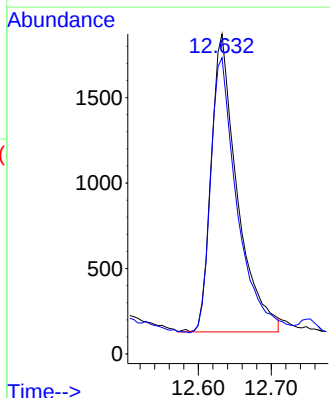
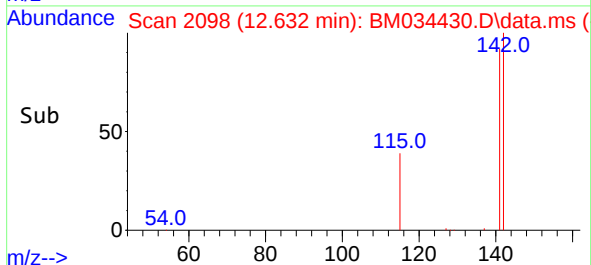
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

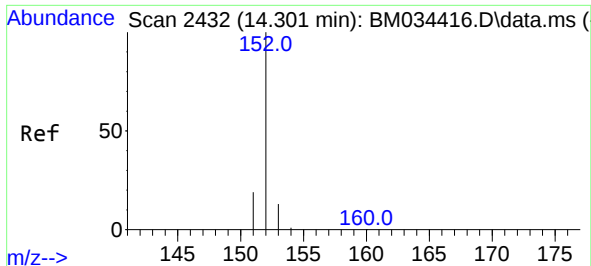


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28



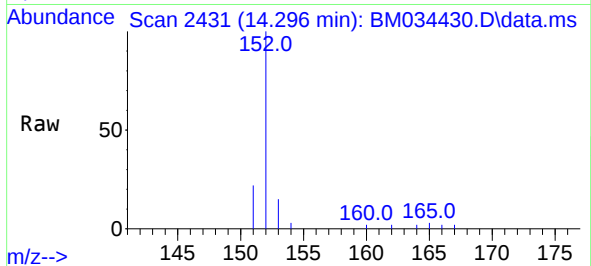
Tgt Ion:142 Resp: 4333
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4





#10
Acenaphthylene
Concen: 0.450 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

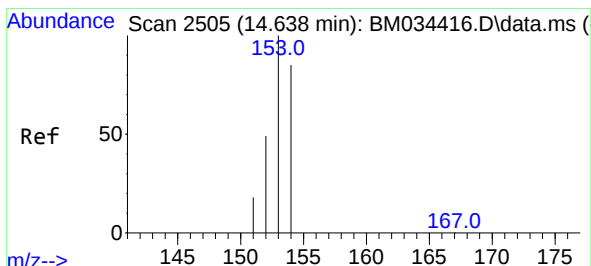
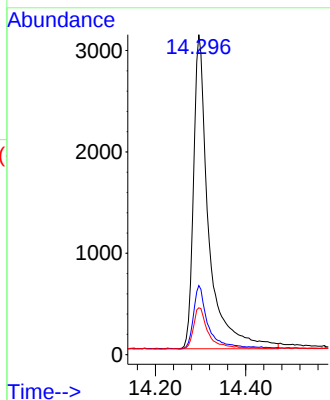
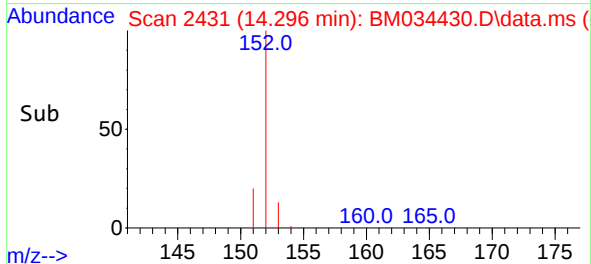
Instrument :
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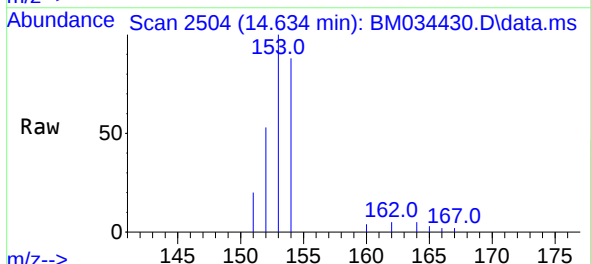
Tgt Ion:152 Resp: 726
Ion Ratio Lower Upper
152 100
151 21.6 19.9 29.9
153 14.6 15.0 22.4

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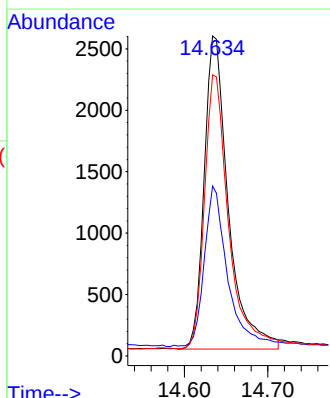
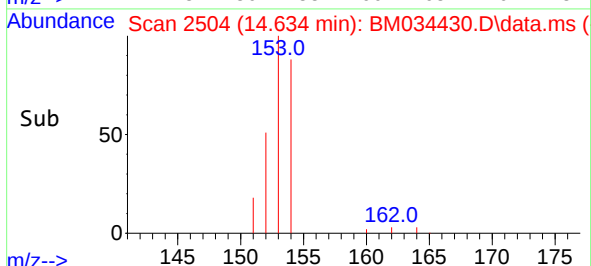
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

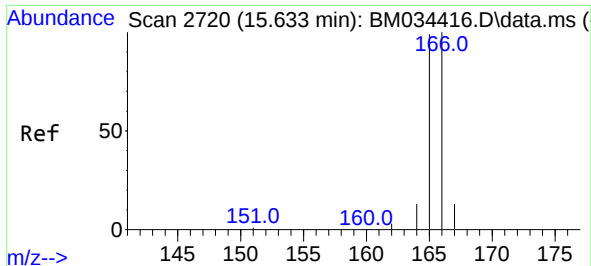


#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28



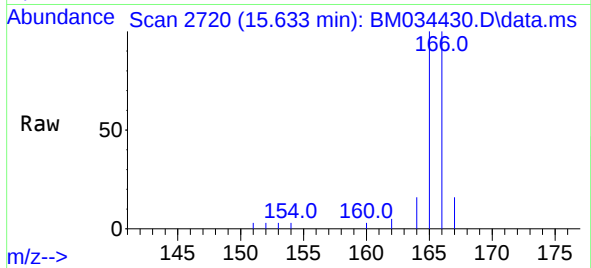
Tgt Ion:153 Resp: 5140
Ion Ratio Lower Upper
153 100
152 53.1 42.4 63.6
154 87.8 66.2 99.2





#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

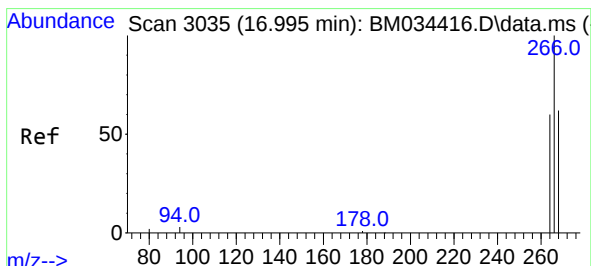
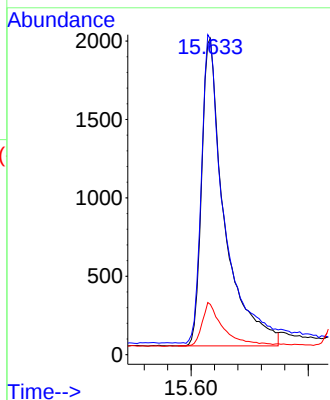
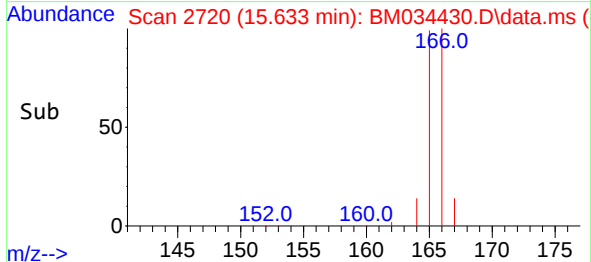
Instrument :
BNA_M
ClientSampleId :
SLCS637



Tgt Ion:166 Resp: 5310
Ion Ratio Lower Upper
166 100
165 99.7 81.1 121.7
167 15.9 14.9 22.3

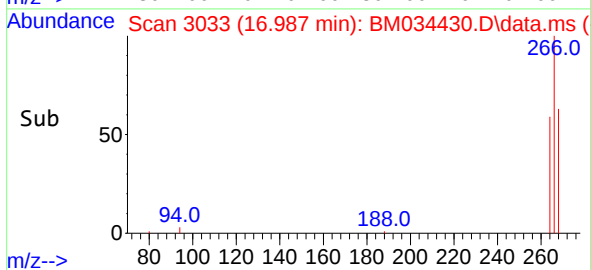
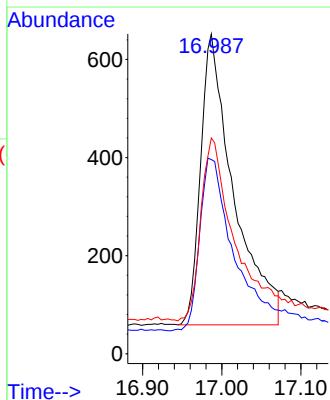
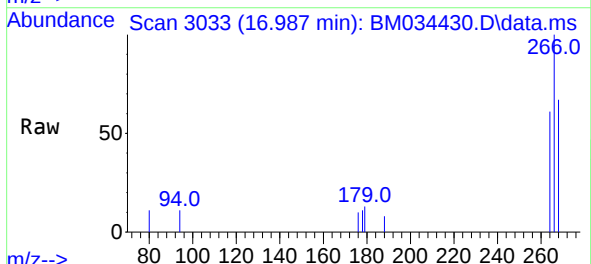
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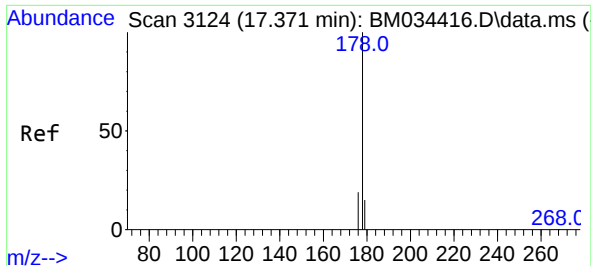
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#14
Pentachlorophenol
Concen: 0.764 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

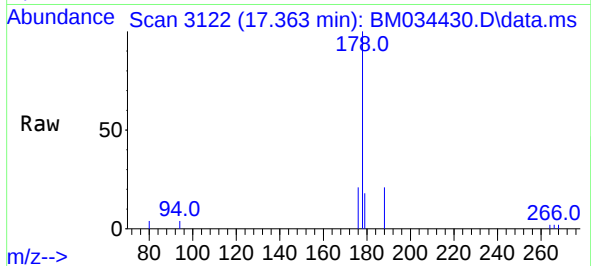
Tgt Ion:266 Resp: 1716
Ion Ratio Lower Upper
266 100
264 61.2 51.4 77.0
268 63.6 53.1 79.7





#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.363 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

Instrument :
BNA_M
ClientSampleId :
SLCS637

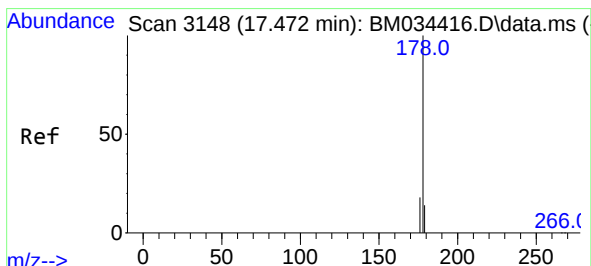
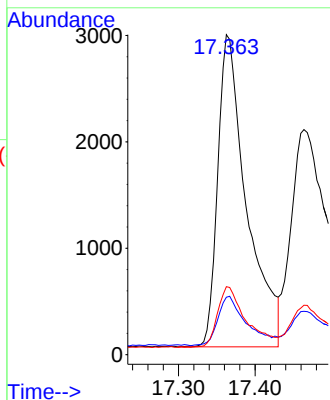
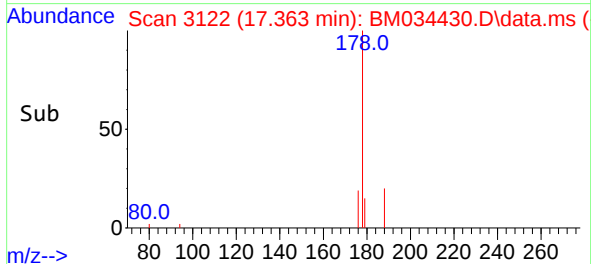


Tgt Ion:178 Resp: 7680

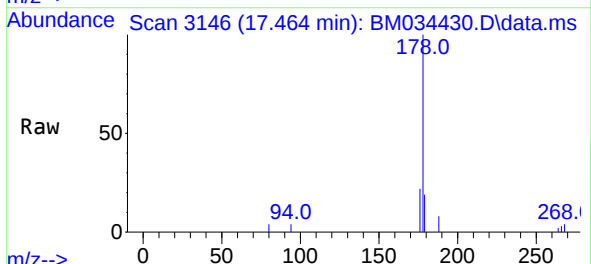
Ion	Ratio	Lower	Upper
178	100		
179	18.0	15.0	22.6
176	21.3	17.9	26.9

Manual Integrations
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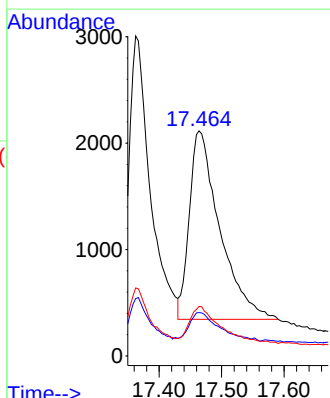
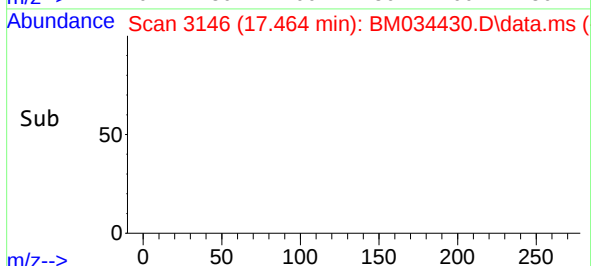


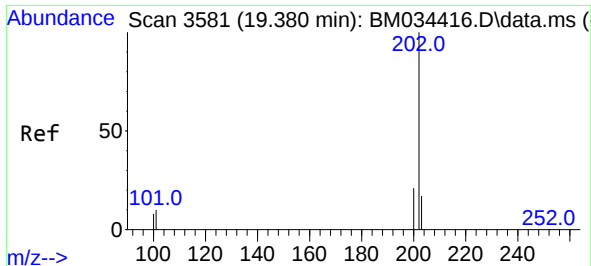
#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28



Tgt Ion:178 Resp: 5996

Ion	Ratio	Lower	Upper
178	100		
179	19.2	16.5	24.7
176	22.0	18.3	27.5





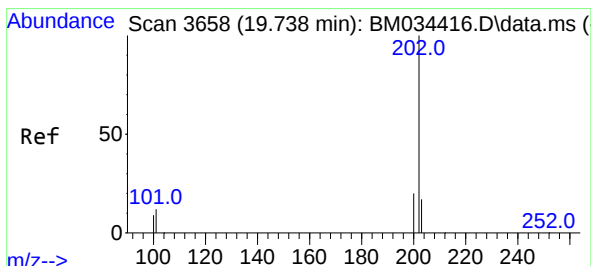
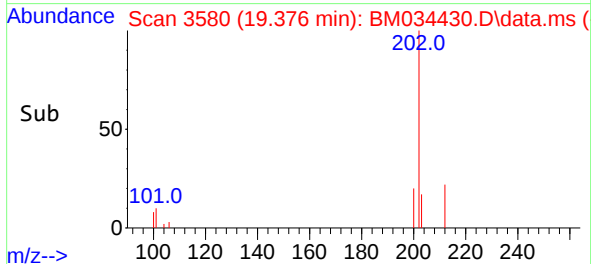
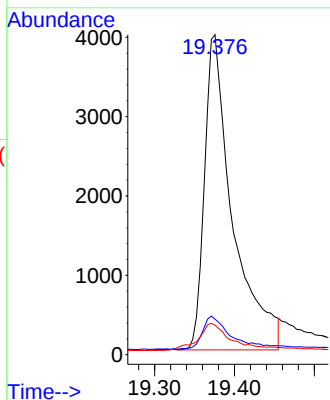
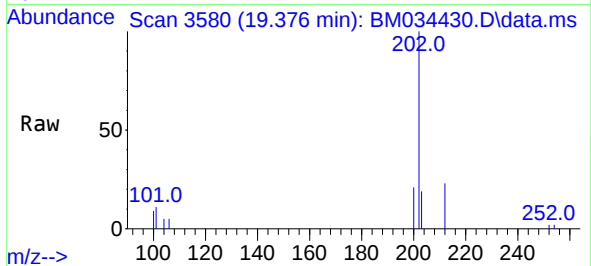
#19
Fluoranthene
Concen: 0.457 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

Instrument :
BNA_M
ClientSampleId :
SLCS637

Tgt Ion:202 Resp: 9718
Ion Ratio Lower Upper
202 100
101 11.1 9.2 13.8
100 9.2 7.2 10.8

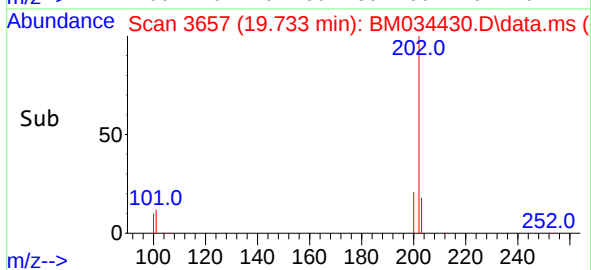
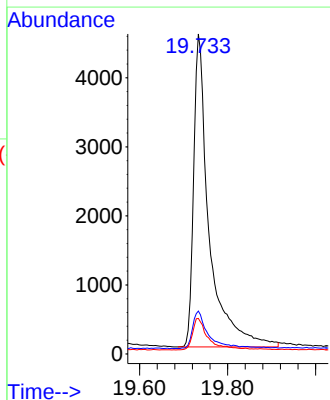
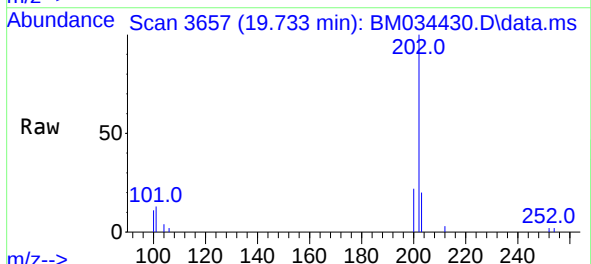
Manual Integrations
APPROVED

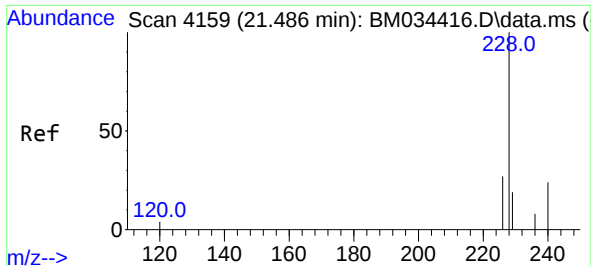
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.474 ng/u1
RT: 19.733 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

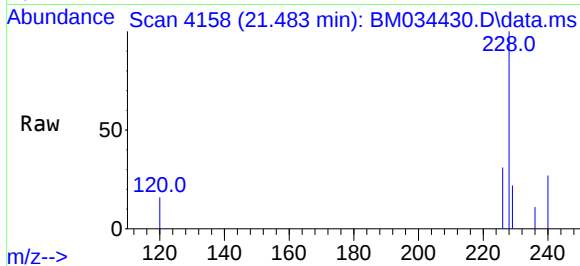
Tgt Ion:202 Resp: 11132
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 11.1 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.375 ng/ul m
RT: 21.483 min Scan# 4159
Delta R.T. -0.003 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

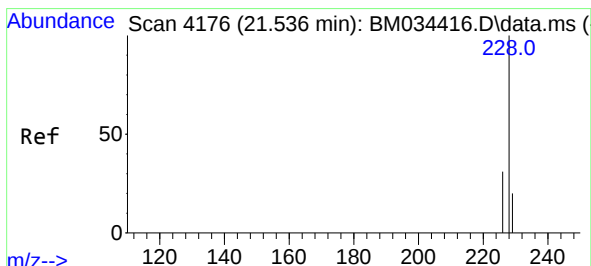
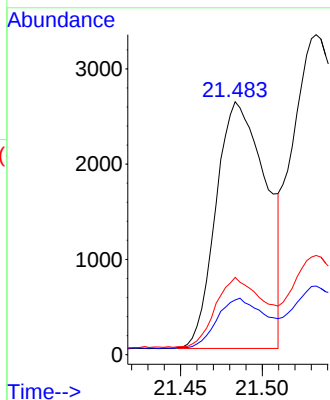
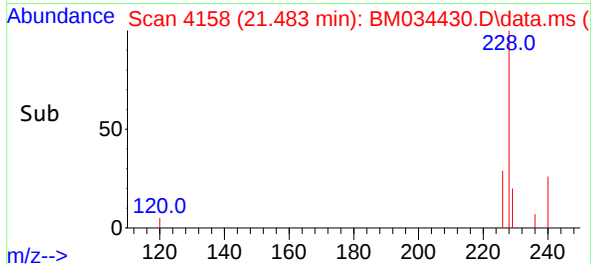
Instrument :
BNA_M
ClientSampleId :
SLCS637



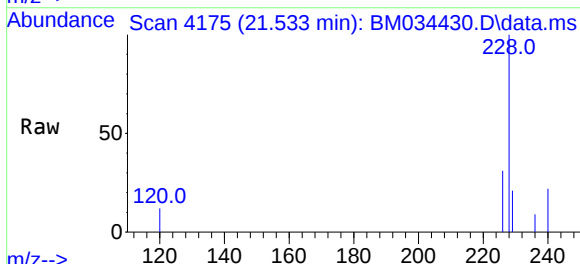
Tgt Ion:228 Resp: 5529
Ion Ratio Lower Upper
228 100
229 21.6 17.3 25.9
226 30.5 23.2 34.8

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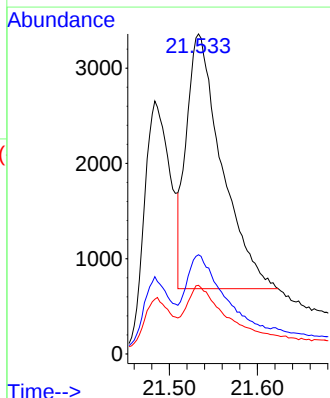
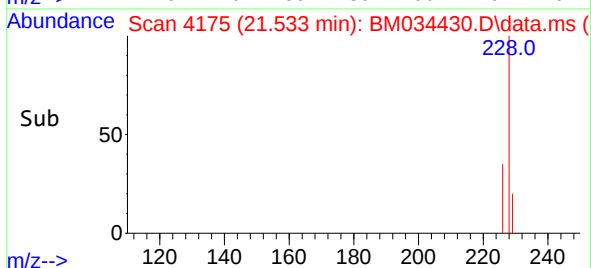
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

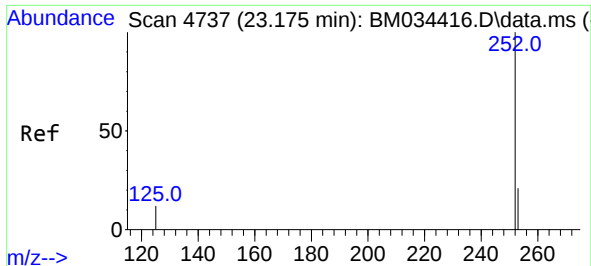


#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28



Tgt Ion:228 Resp: 7463
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 21.4 16.7 25.1





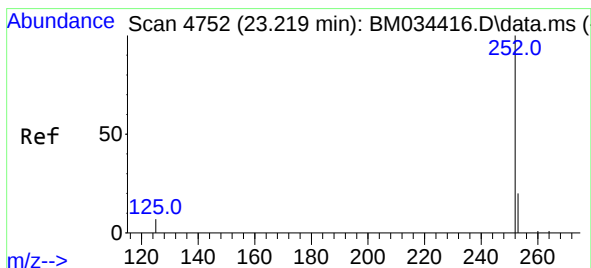
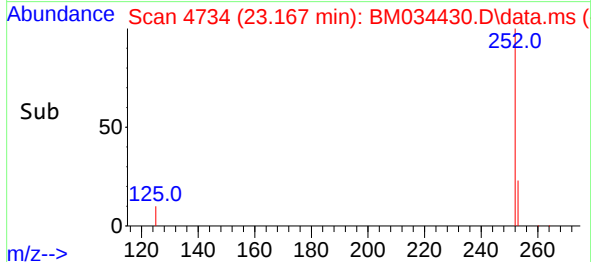
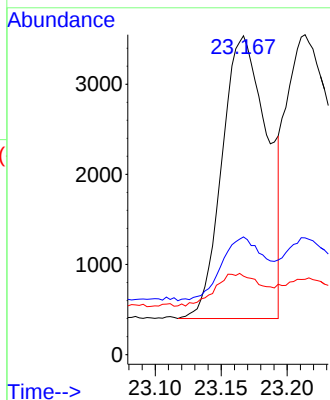
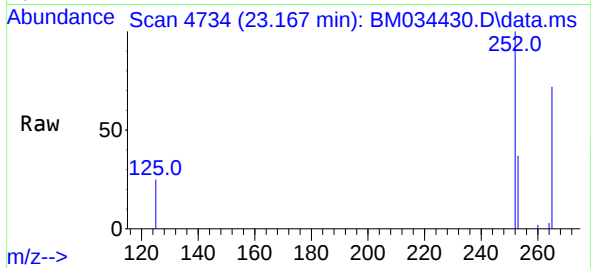
#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.167 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

Instrument :
BNA_M
ClientSampleId :
SLCS637

Tgt Ion:252 Resp: 747
Ion Ratio Lower Upper
252 100
253 36.9 0.0 64.2
125 24.6 0.0 28.8

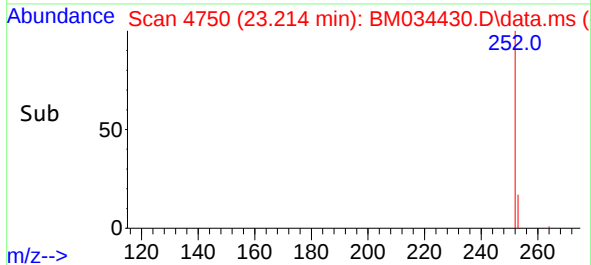
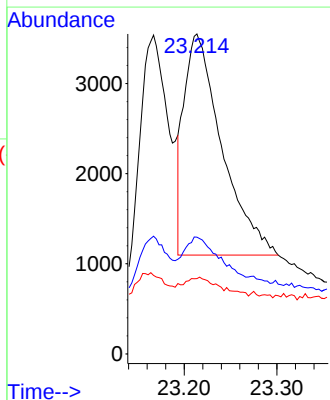
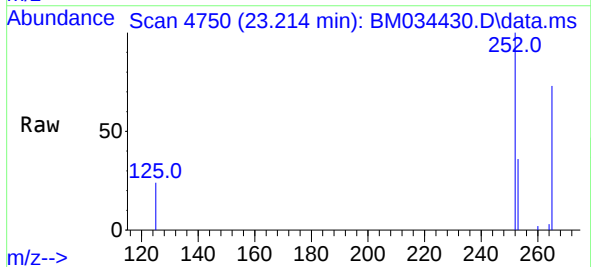
Manual Integrations
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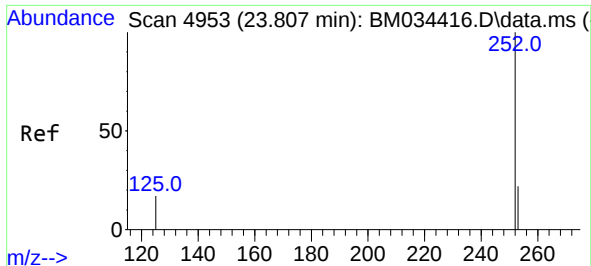
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

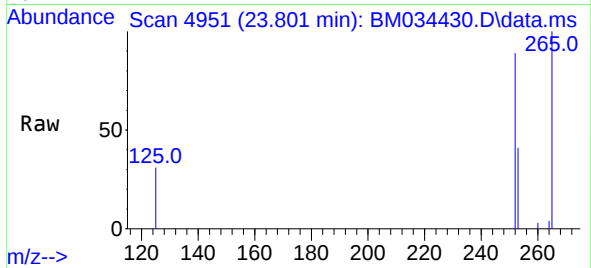
Tgt Ion:252 Resp: 6949
Ion Ratio Lower Upper
252 100
253 36.5 26.8 40.2
125 23.5 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.801 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

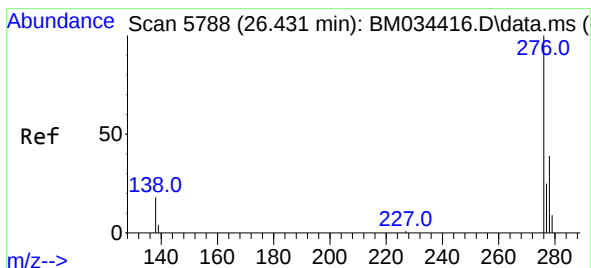
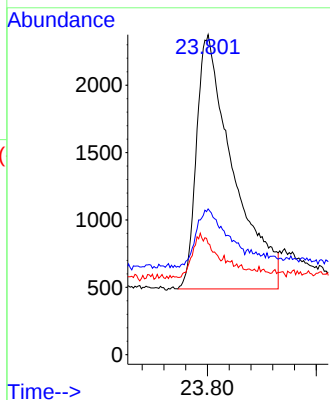
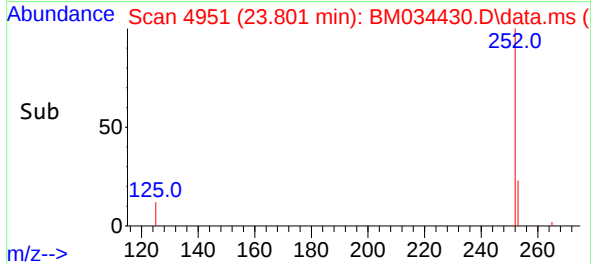
Instrument :
BNA_M
ClientSampleId :
SLCS637



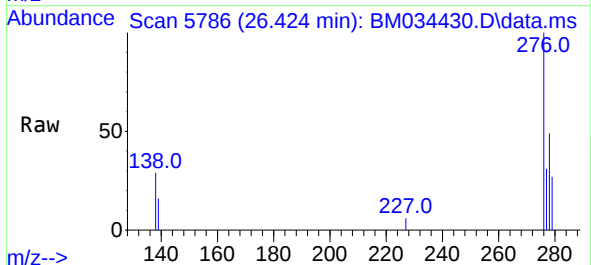
Tgt Ion:252 Resp: 879
Ion Ratio Lower Upper
252 100
253 45.6 32.0 48.0
125 34.7 14.5 21.7

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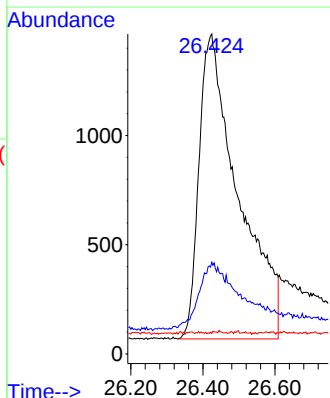
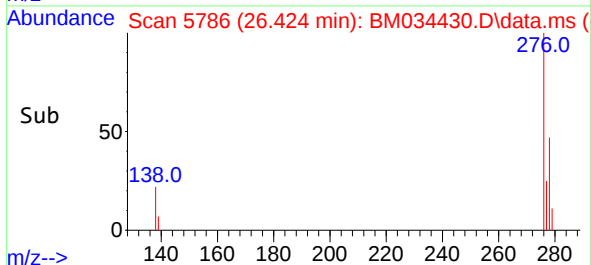
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

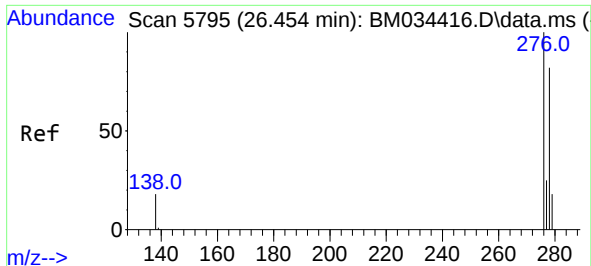


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.010 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28



Tgt Ion:276 Resp: 10577
Ion Ratio Lower Upper
276 100
138 22.7 15.8 23.6
227 0.1 0.0 0.0





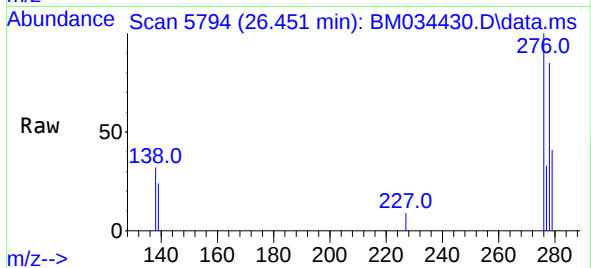
#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.451 min Scan# 5795
Delta R.T. -0.007 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28

Instrument :

BNM

ClientSampleId :

SLCS637

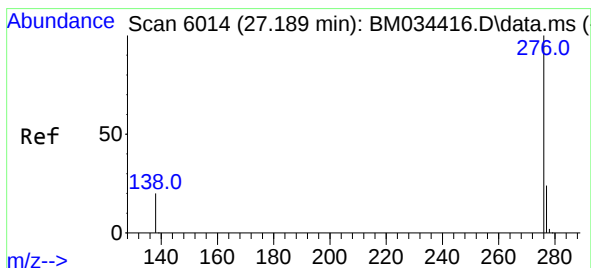
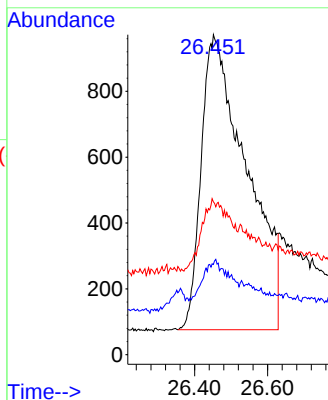
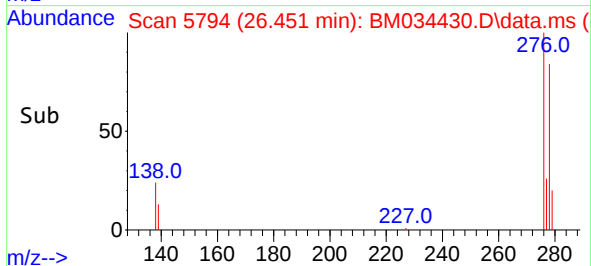


Tgt Ion:278 Resp: 7739
Ion Ratio Lower Upper
278 100
139 28.2 18.0 27.0
279 47.7 28.6 42.8

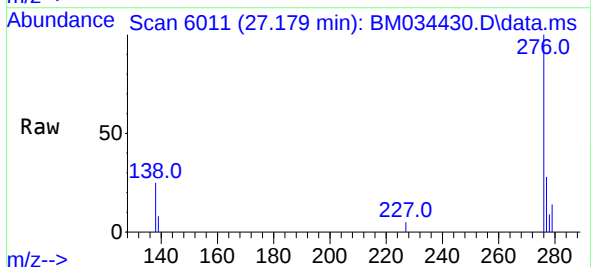
Manual Integrations

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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: 0.465 ng/ul
RT: 27.179 min Scan# 6011
Delta R.T. -0.027 min
Lab File: BM034430.D
Acq: 30 Mar 2022 05:28



Tgt Ion:276 Resp: 10941
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 27.6 22.6 33.8

