

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034498.D
 Acq On : 05 Apr 2022 12:16
 Operator : CG/JU
 Sample : PB143816BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS816

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 05 12:57:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	7387	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.560	164	3791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	5244	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4291	0.400	ng/ul #	0.00
23) Perylene-d12	23.901	264	3481	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	2795	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	3469	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	5508	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	6899	1.655	ng/ul#	79
5) Naphthalene	10.779	128	7174	0.311	ng/ul#	91
7) 2-Methylnaphthalene	12.401	142	4128	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.616	142	4139	0.326	ng/ul	99
10) Acenaphthylene	14.282	152	6259	0.357	ng/ul	92
11) Acenaphthene	14.620	153	4707	0.331	ng/ul	96
12) Fluorene	15.614	166	4640	0.317	ng/ul	96
14) Pentachlorophenol	16.974	266	1551	0.698	ng/ul	99
15) Phenanthrene	17.354	178	5999	0.352	ng/ul	98
16) Anthracene	17.451	178	4325	0.334	ng/ul	98
19) Fluoranthene	19.366	202	7137	0.396	ng/ul	96
20) Pyrene	19.729	202	8361	0.397	ng/ul#	93
21) Benzo(a)anthracene	21.489	228	3460	0.371	ng/ul	98
22) Chrysene	21.533	228	4391	0.398	ng/ul	98
24) Benzo(b)fluoranthene	23.164	252	4232m	0.372	ng/ul	
25) Benzo(k)fluoranthene	23.217	252	4410m	0.434	ng/ul	
26) Benzo(a)pyrene	23.801	252	5555	0.418	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.431	276	6231	0.390	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.458	278	4682	0.402	ng/ul#	64
29) Benzo(g,h,i)perylene	27.172	276	7288	0.420	ng/ul	96

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

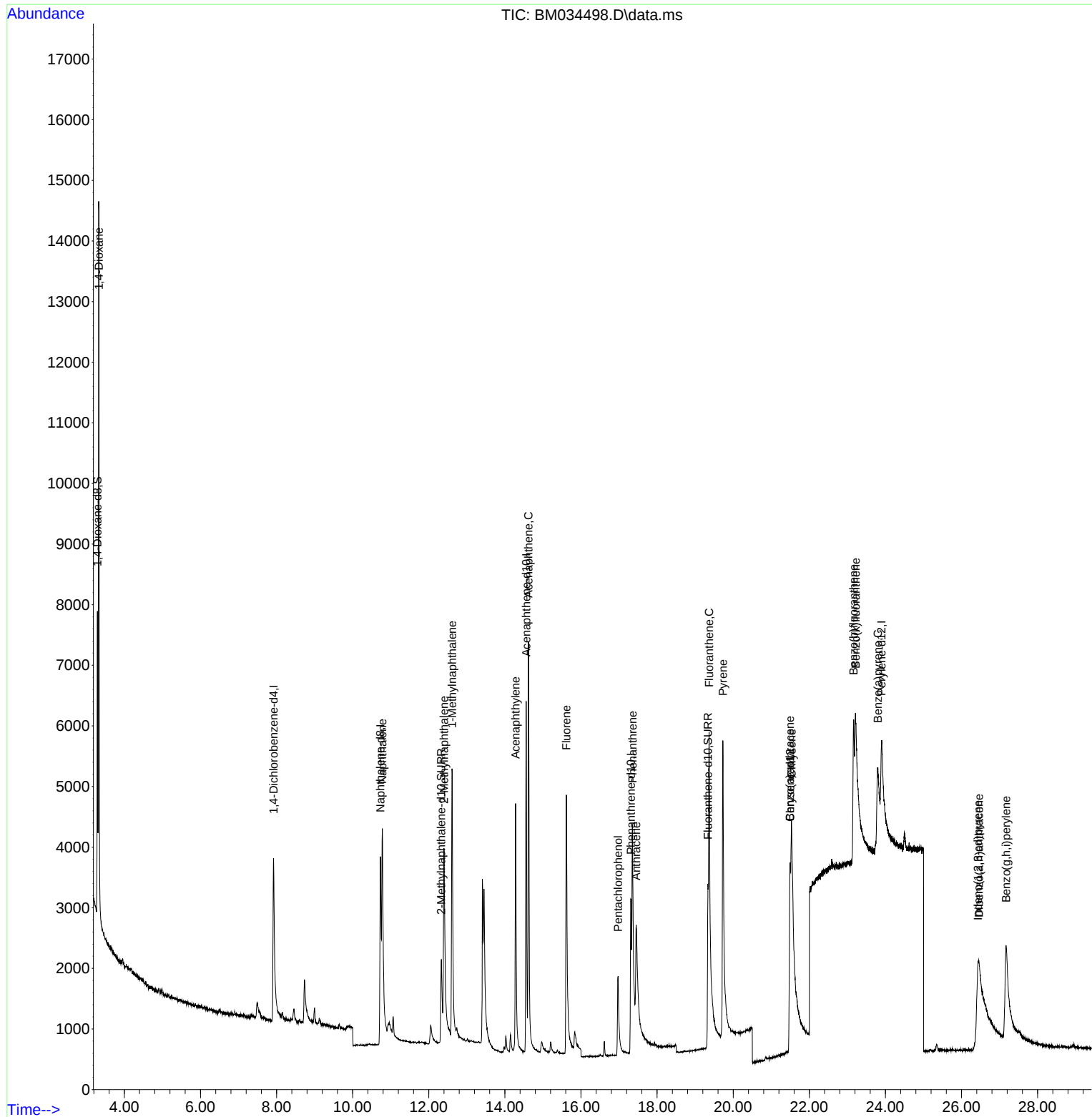
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034498.D
Acq On : 05 Apr 2022 12:16
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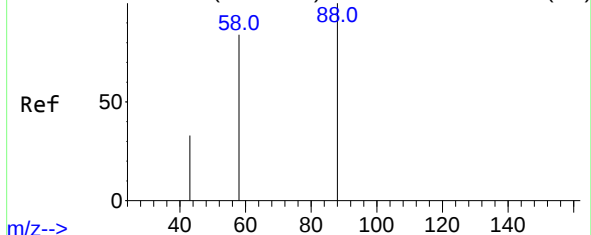
Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 05 12:57:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
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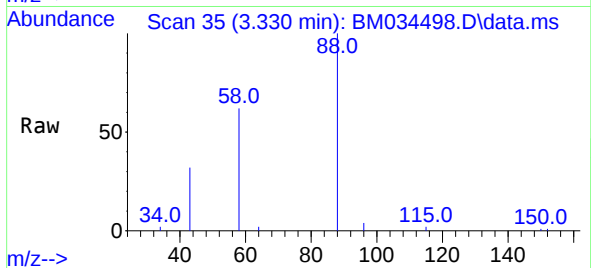


Abundance Scan 35 (3.330 min): BM034496.D\data.ms (-28)



#2
1,4-Dioxane
Concen: 1.655 ng/ul
RT: 3.330 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

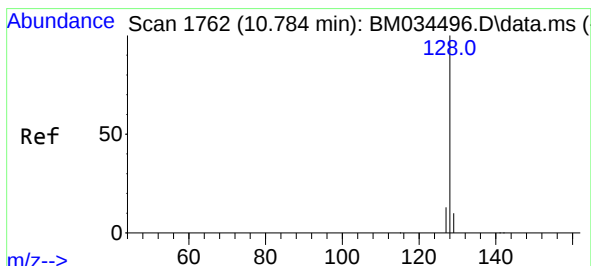
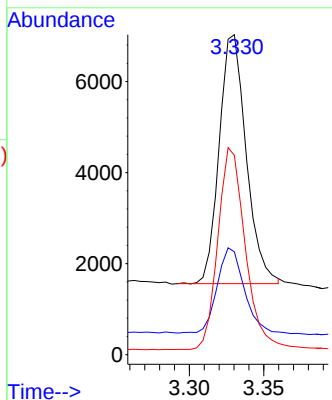
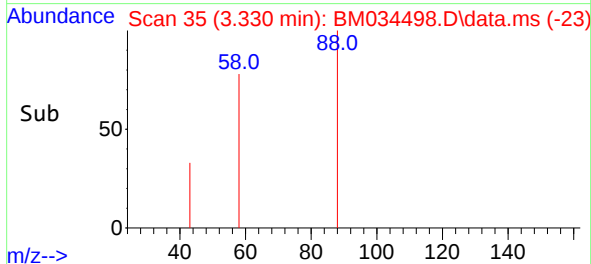
Instrument :
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Tgt Ion: 88 Resp: 6899
Ion Ratio Lower Upper
88 100
43 32.2 49.7 74.5
58 62.3 52.5 78.7

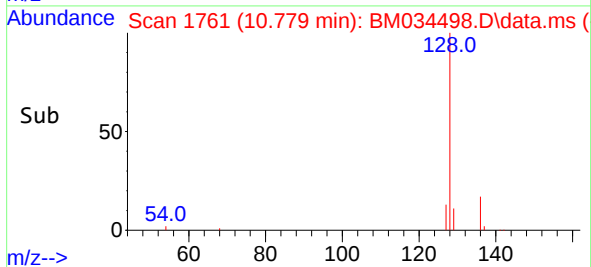
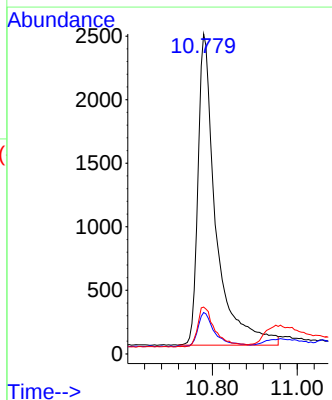
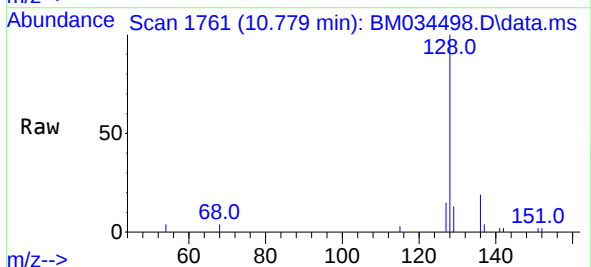
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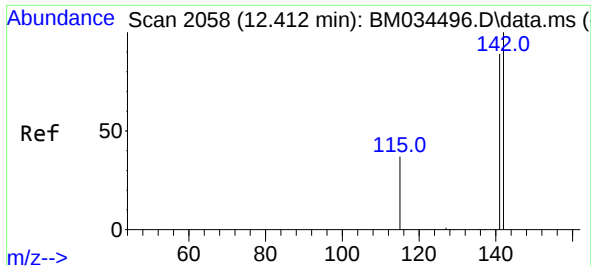
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.779 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

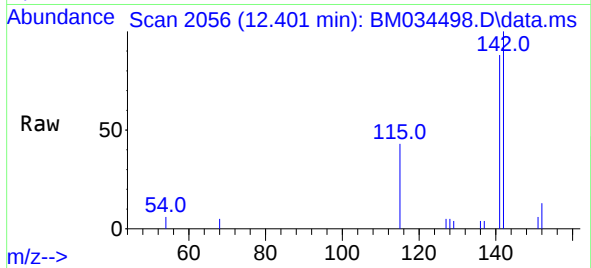
Tgt Ion:128 Resp: 7174
Ion Ratio Lower Upper
128 100
129 12.9 13.4 20.2#
127 14.6 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

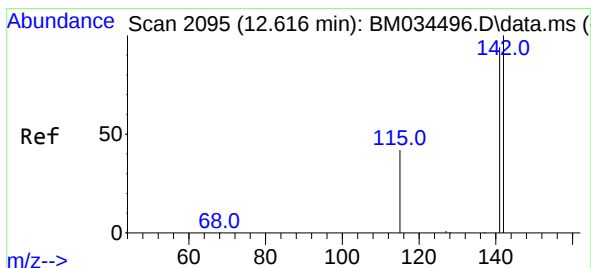
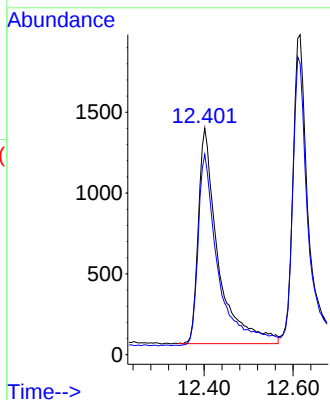
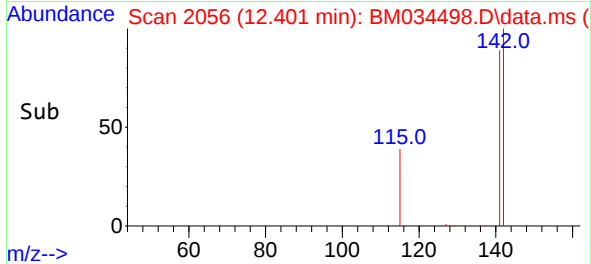
Instrument :
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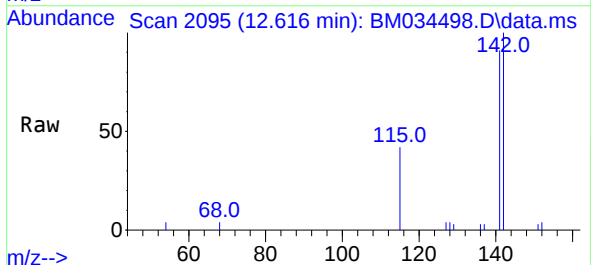
Tgt Ion:142 Resp: 4128
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.6

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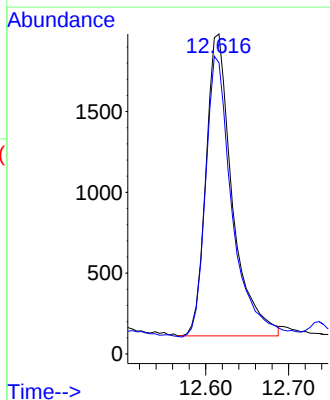
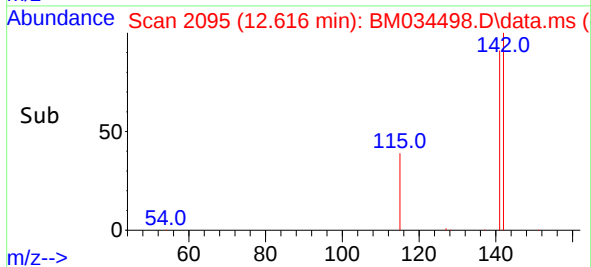
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

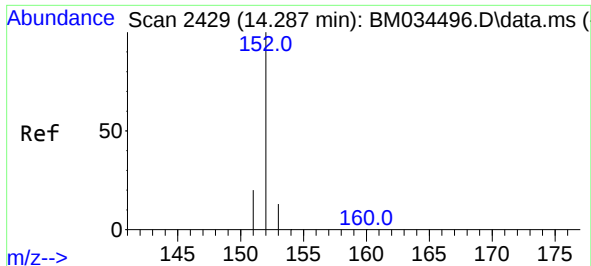


#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



Tgt Ion:142 Resp: 4139
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4





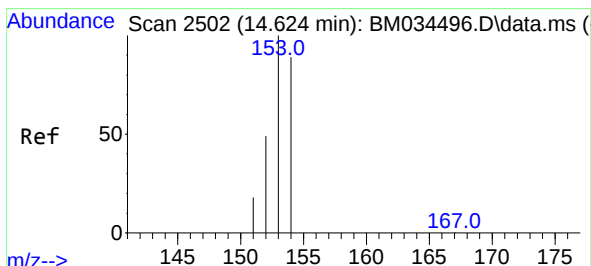
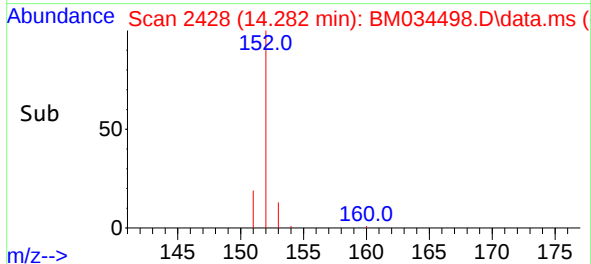
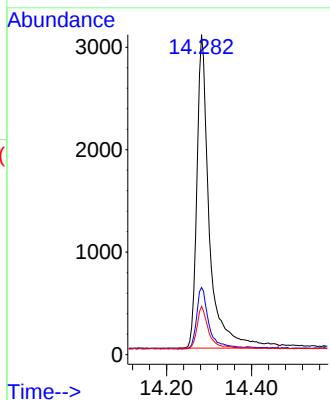
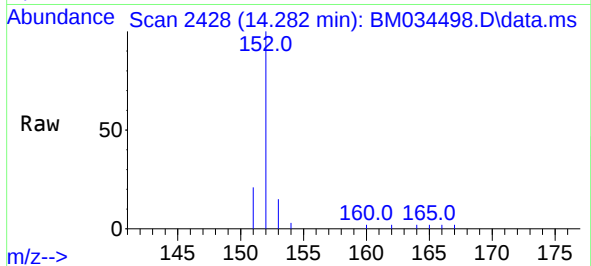
#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.282 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 6258
Ion Ratio Lower Upper
152 100
151 21.0 19.9 29.9
153 15.1 15.0 22.4

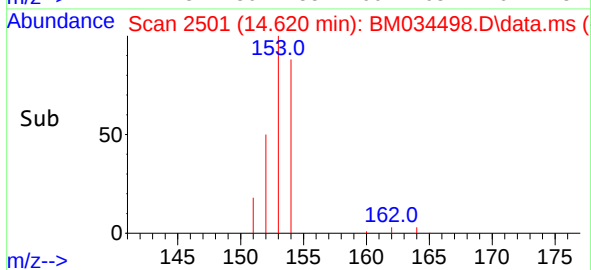
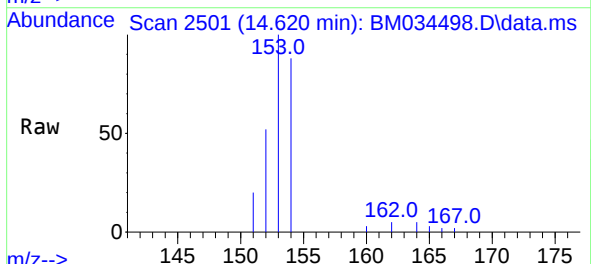
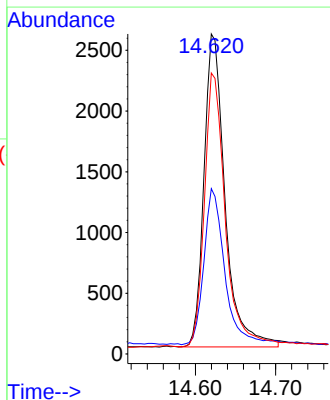
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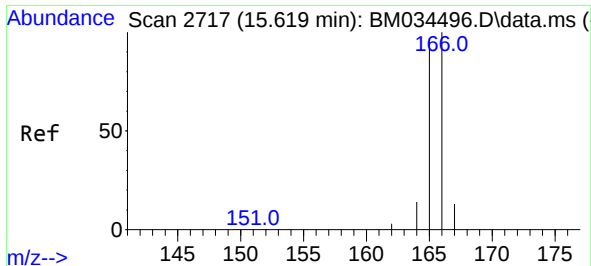
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.620 min Scan# 2501
Delta R.T. -0.005 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

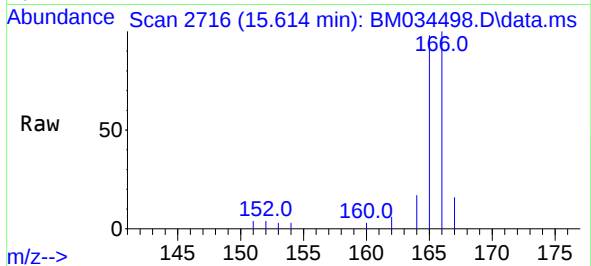
Tgt Ion:153 Resp: 4707
Ion Ratio Lower Upper
153 100
152 51.7 42.4 63.6
154 87.8 66.2 99.2





#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.614 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

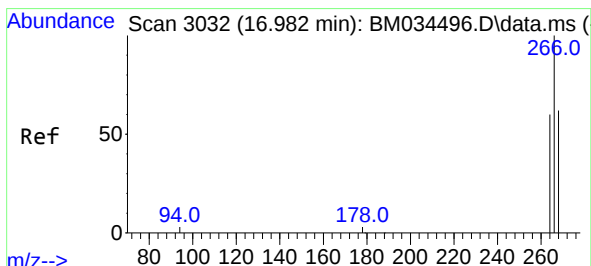
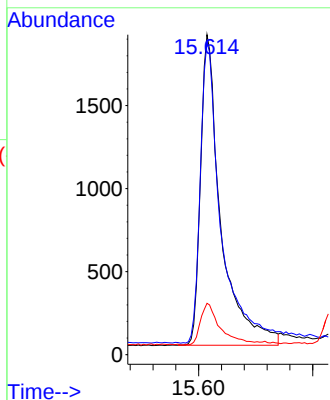
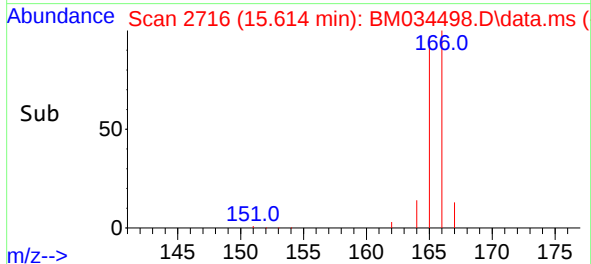
Instrument :
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ClientSampleId :
SLCS816



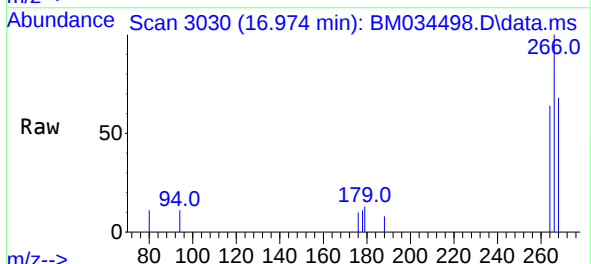
Tgt Ion:166 Resp: 4640
Ion Ratio Lower Upper
166 100
165 97.8 81.1 121.7
167 16.0 14.9 22.3

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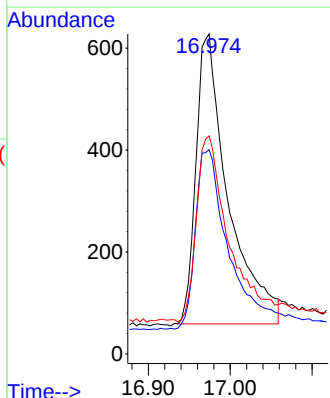
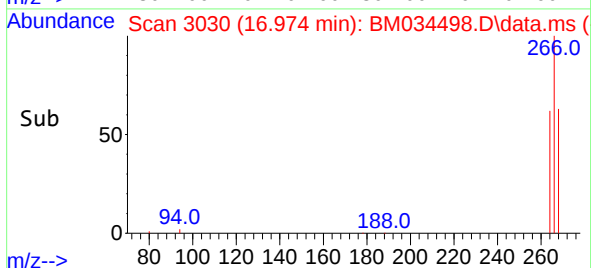
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

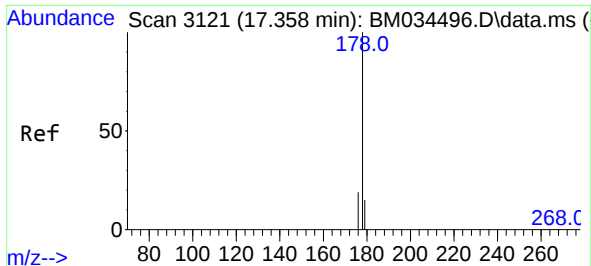


#14
Pentachlorophenol
Concen: 0.698 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



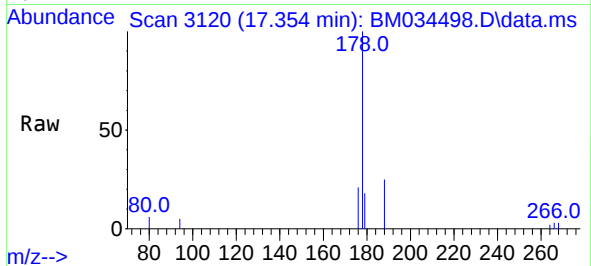
Tgt Ion:266 Resp: 1551
Ion Ratio Lower Upper
266 100
264 64.0 51.4 77.0
268 64.9 53.1 79.7





#15
Phenanthrene
Concen: 0.352 ng/u1
RT: 17.354 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

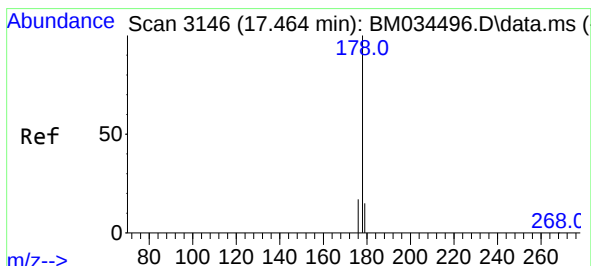
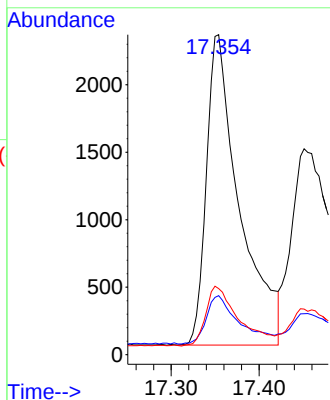
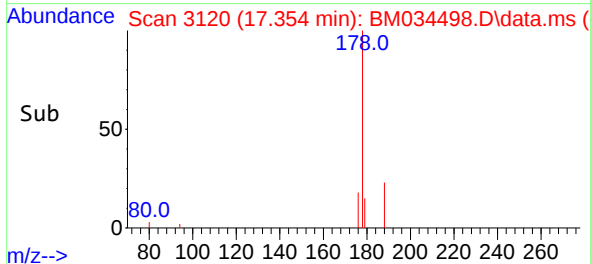
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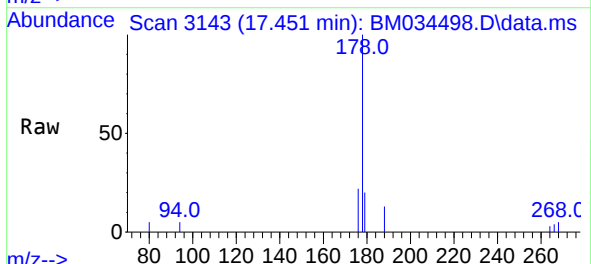
Tgt Ion:178 Resp: 5998
Ion Ratio Lower Upper
178 100
179 18.5 15.0 22.6
176 20.7 17.9 26.9

Manual Integrations
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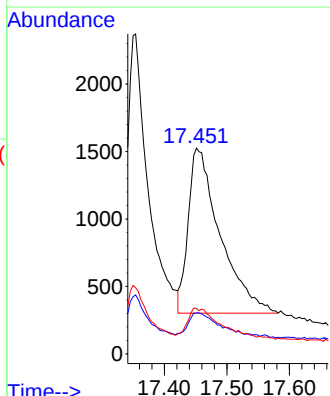
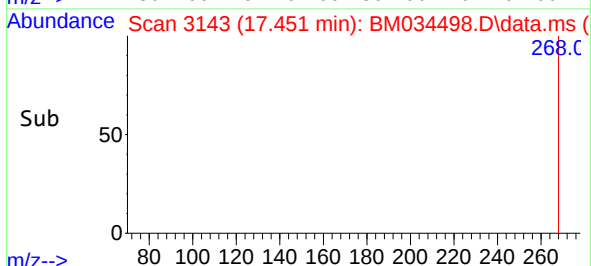
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

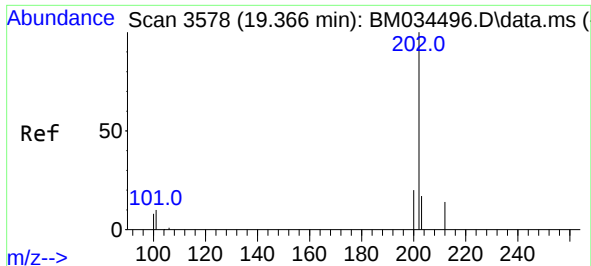


#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.451 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



Tgt Ion:178 Resp: 4325
Ion Ratio Lower Upper
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179 19.9 16.5 24.7
176 22.1 18.3 27.5





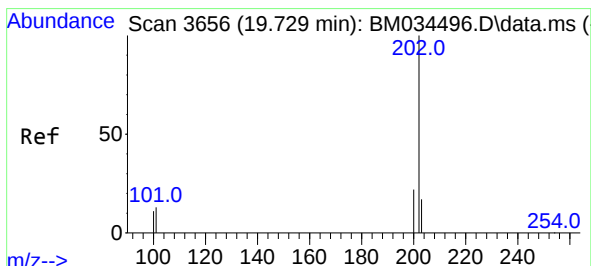
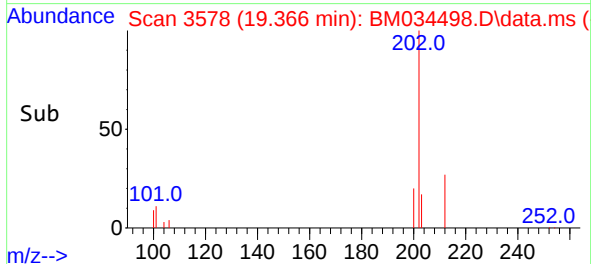
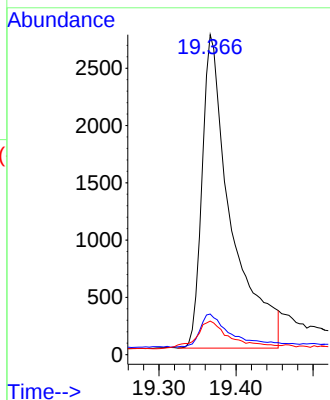
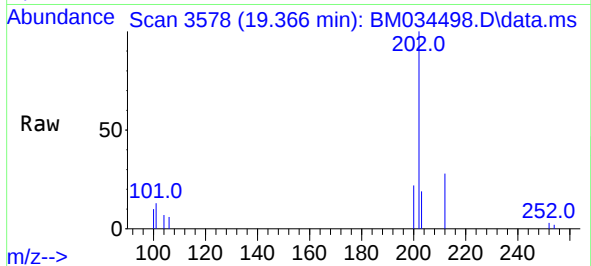
#19
Fluoranthene
Concen: 0.396 ng/u1
RT: 19.366 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

Instrument :
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ClientSampleId :
SLCS816

Tgt Ion:202 Resp: 713
Ion Ratio Lower Upper
202 100
101 12.7 9.2 13.8
100 10.5 7.2 10.8

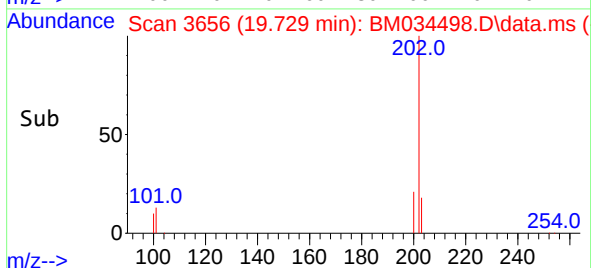
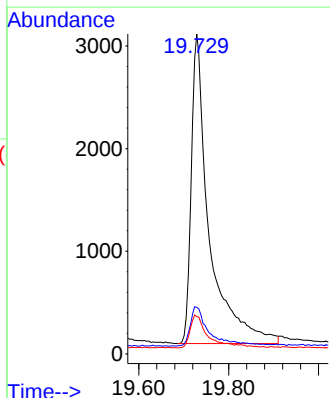
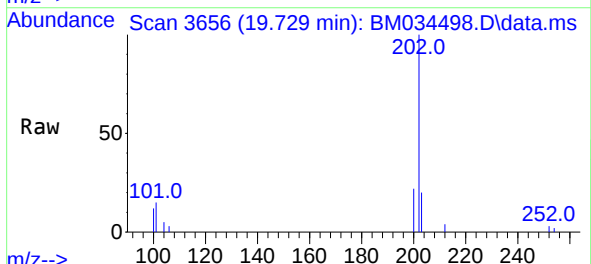
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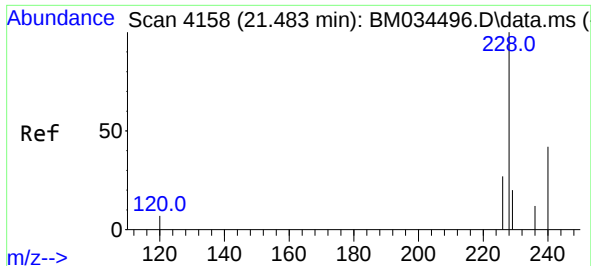
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#20
Pyrene
Concen: 0.397 ng/u1
RT: 19.729 min Scan# 3656
Delta R.T. 0.005 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

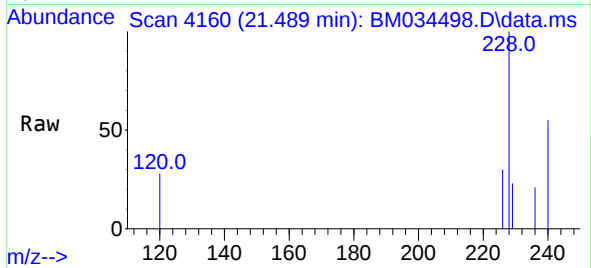
Tgt Ion:202 Resp: 8361
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 11.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.371 ng/u1
RT: 21.489 min Scan# 4158
Delta R.T. 0.009 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

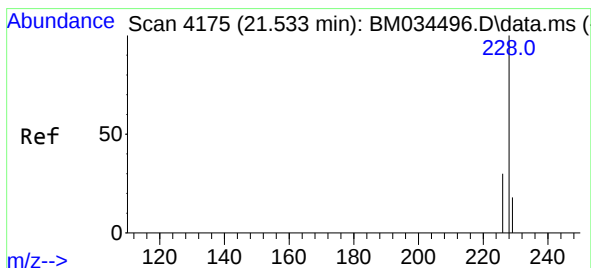
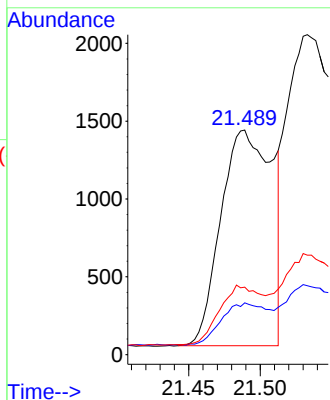
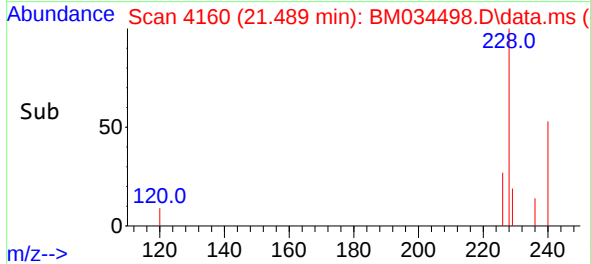
Instrument :
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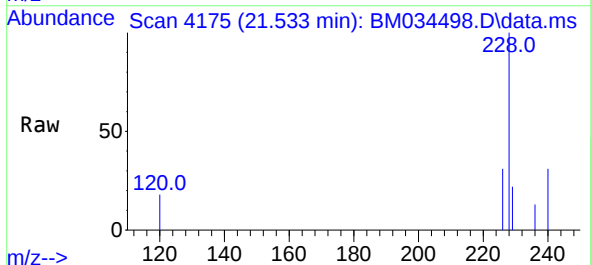
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Ion Ratio Lower Upper
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229 23.1 17.3 25.9
226 30.1 23.2 34.8

Manual Integrations
APPROVED

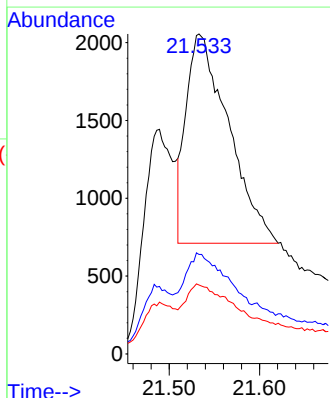
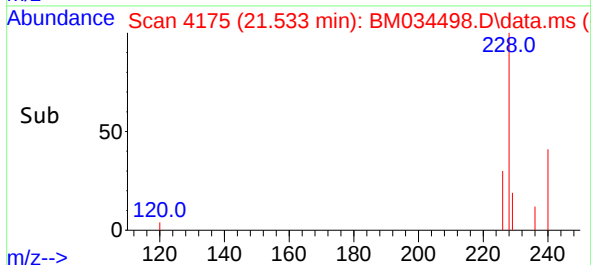
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

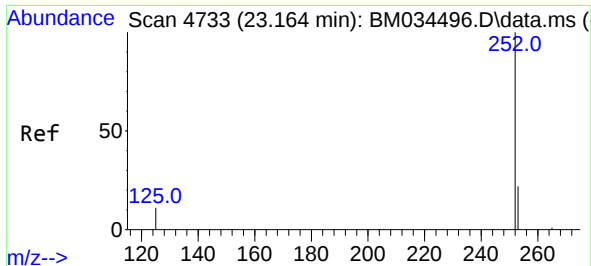


#22
Chrysene
Concen: 0.398 ng/u1
RT: 21.533 min Scan# 4175
Delta R.T. 0.006 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



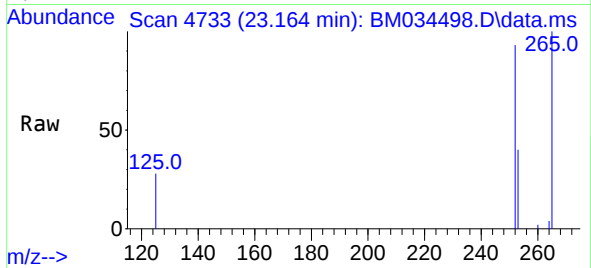
Tgt Ion:228 Resp: 4391
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. 0.003 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

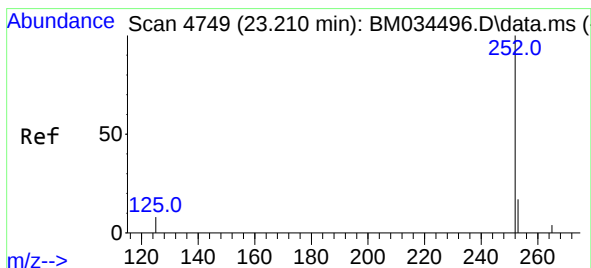
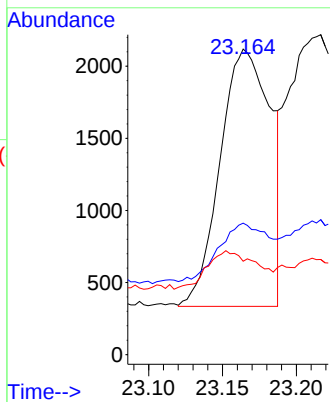
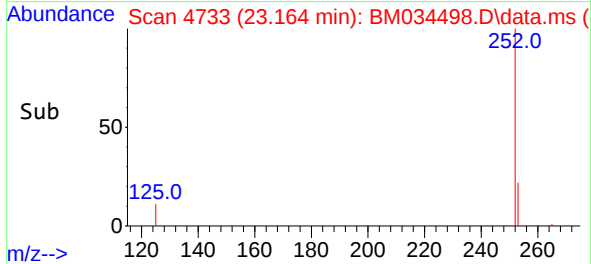
Instrument :
BNA_M
ClientSampleId :
SLCS816



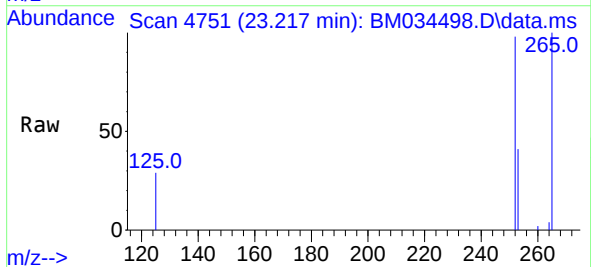
Tgt Ion:252 Resp: 423
Ion Ratio Lower Upper
252 100
253 43.0 0.0 64.2
125 30.6 0.0 28.8

Manual Integrations
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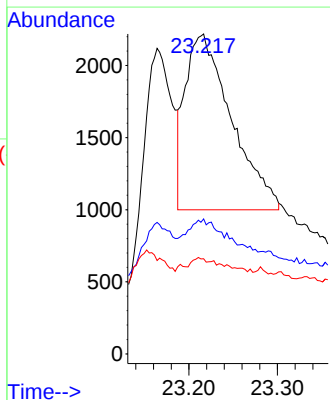
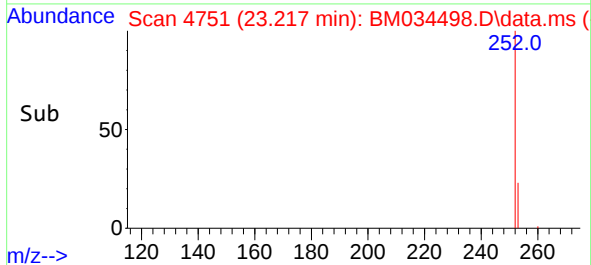
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

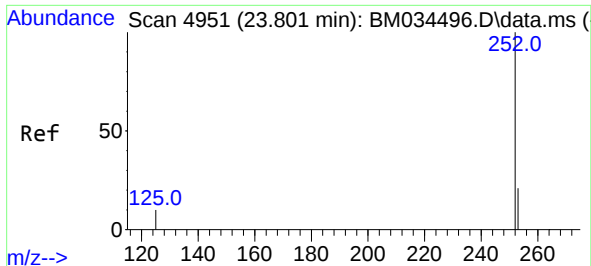


#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul m
RT: 23.217 min Scan# 4751
Delta R.T. 0.006 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



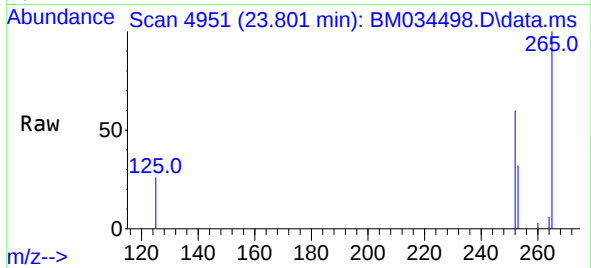
Tgt Ion:252 Resp: 4410
Ion Ratio Lower Upper
252 100
253 42.2 26.8 40.2#
125 29.7 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.801 min Scan# 4951
Delta R.T. 0.006 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

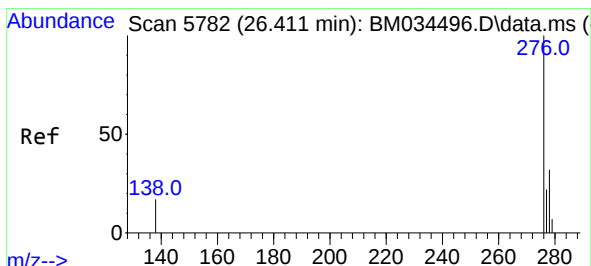
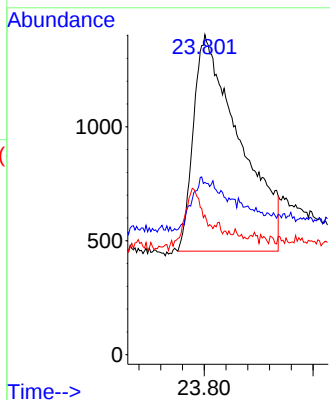
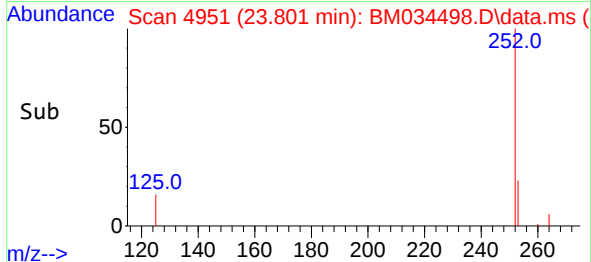
Instrument :
BNA_M
ClientSampleId :
SLCS816



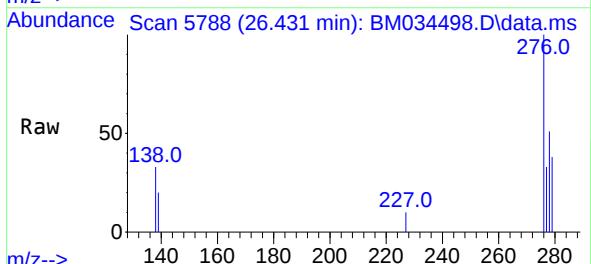
Tgt Ion:252 Resp: 555
Ion Ratio Lower Upper
252 100
253 53.8 32.0 48.0
125 43.6 14.5 21.7

Manual Integrations
APPROVED

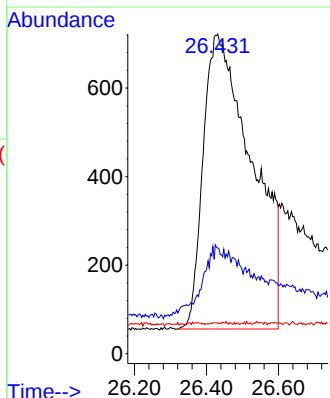
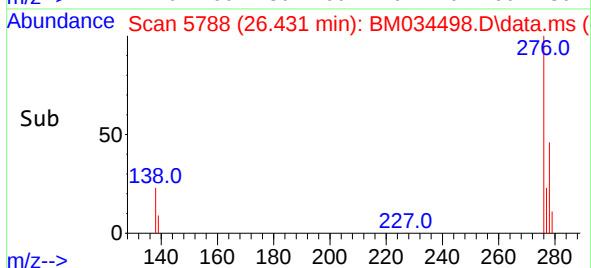
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

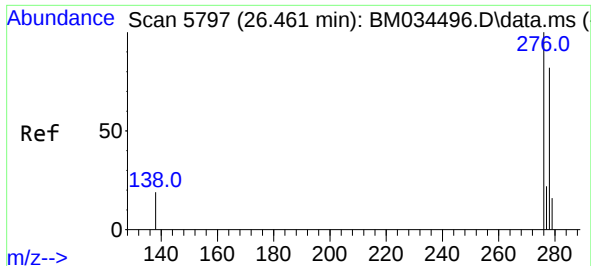


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.431 min Scan# 5788
Delta R.T. 0.020 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



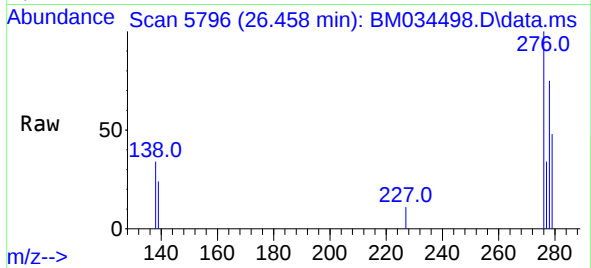
Tgt Ion:276 Resp: 6231
Ion Ratio Lower Upper
276 100
138 18.9 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16

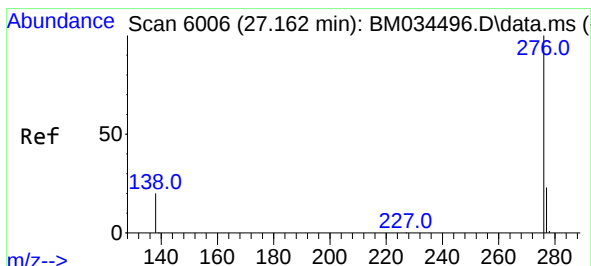
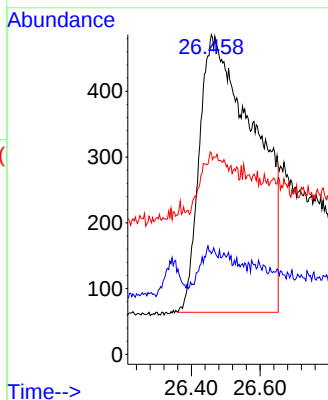
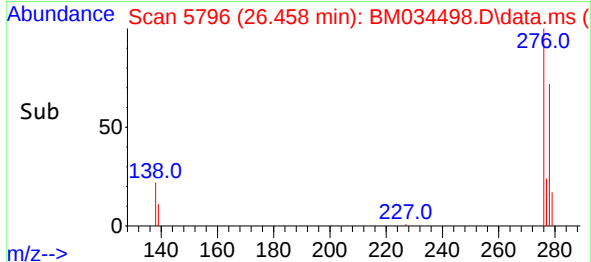
Instrument :
BNA_M
ClientSampleId :
SLCS816



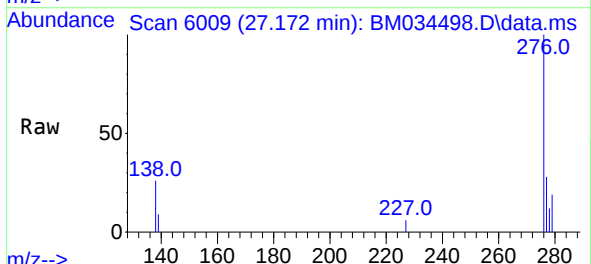
Tgt Ion:278 Resp: 468
Ion Ratio Lower Upper
278 100
139 31.5 18.0 27.0
279 63.0 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 27.172 min Scan# 6009
Delta R.T. 0.003 min
Lab File: BM034498.D
Acq: 05 Apr 2022 12:16



Tgt Ion:276 Resp: 7288
Ion Ratio Lower Upper
276 100
138 25.6 17.4 26.0
277 28.3 22.6 33.8

