

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034810.D
 Acq On : 25 Apr 2022 21:50
 Operator : CG/JU
 Sample : N2374-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 03:07:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	7001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	17898	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	8819	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16025	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	11462	0.400	ng/ul	# 0.00
23) Perylene-d12	23.876	264	11625	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	3296	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	713	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	1243	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.288	152	1960	0.051	ng/ul	100
11) Acenaphthene	14.630	153	1022	0.031	ng/ul	98
12) Fluorene	15.616	166	2067	0.056	ng/ul	99
15) Phenanthrene	17.351	178	43722	0.825	ng/ul	94
16) Anthracene	17.444	178	5828	0.123	ng/ul	95
19) Fluoranthene	19.363	202	97538	1.773	ng/ul	97
20) Pyrene	19.726	202	84980	1.538	ng/ul	99
21) Benzo(a)anthracene	21.468	228	34005	0.763	ng/ul	99
22) Chrysene	21.523	228	48006	1.010	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	63403	1.195	ng/ul	90
25) Benzo(k)fluoranthene	23.195	252	22150m	0.418	ng/ul	
26) Benzo(a)pyrene	23.771	252	39006	0.901	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.353	276	31811	0.523	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.360	278	7465	0.151	ng/ul#	93
29) Benzo(g,h,i)perylene	27.114	276	26912	0.513	ng/ul	92

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

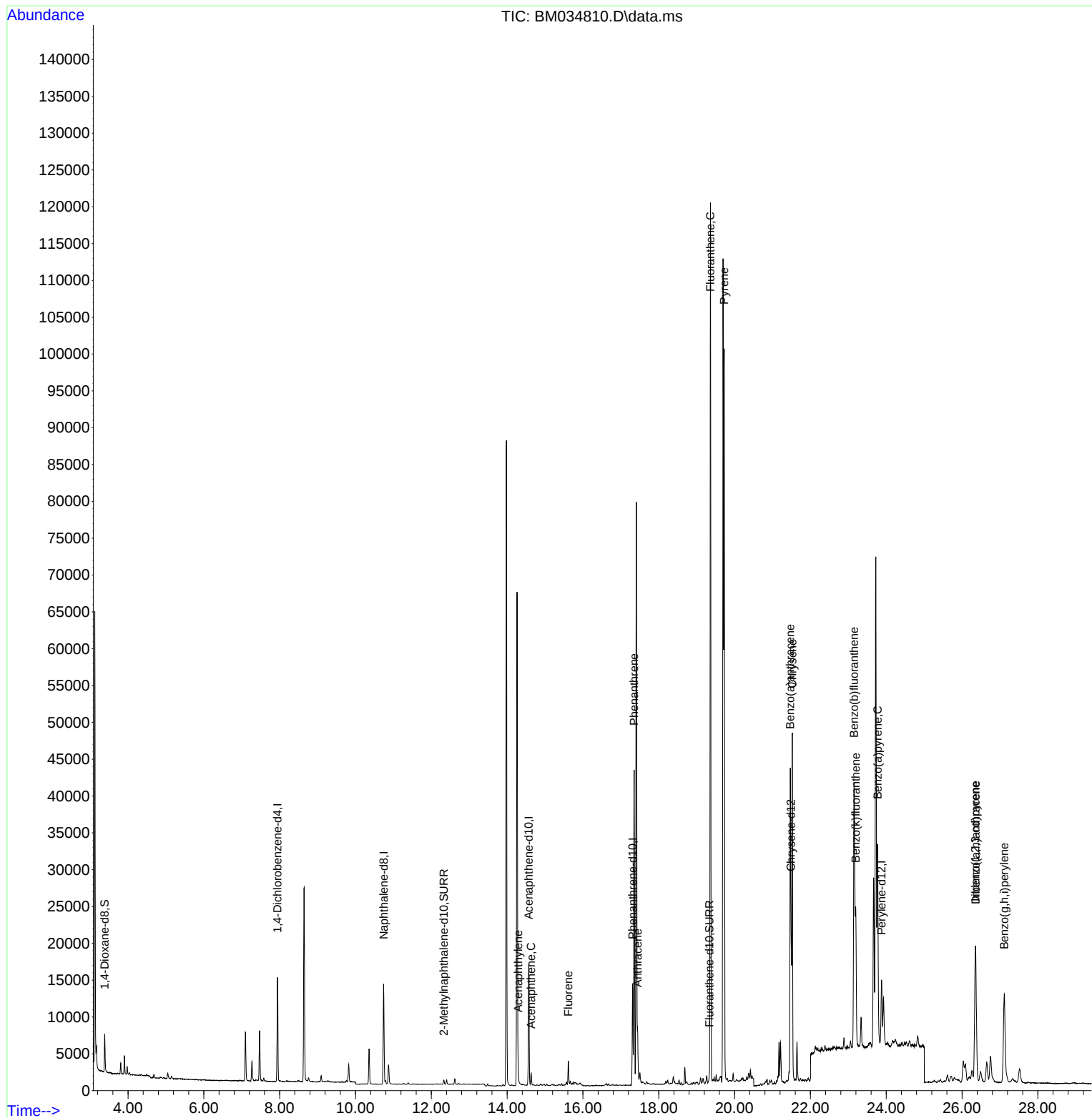
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034810.D
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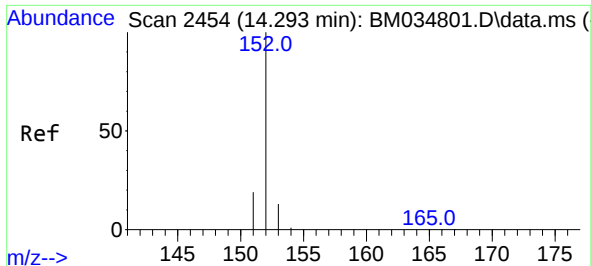
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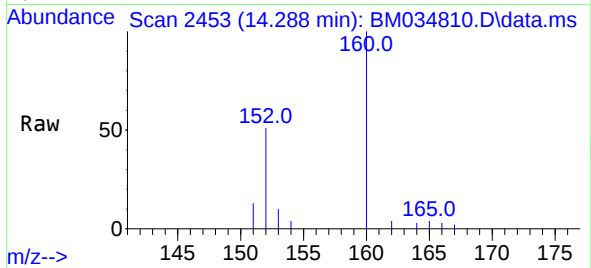
Quant Time: Apr 26 03:07:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.051 ng/u1
RT: 14.288 min Scan# 2454
Delta R.T. -0.008 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

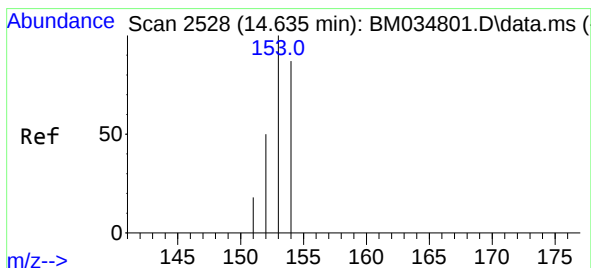
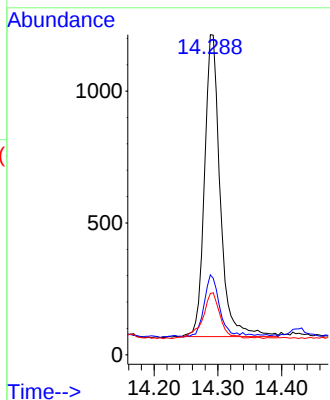
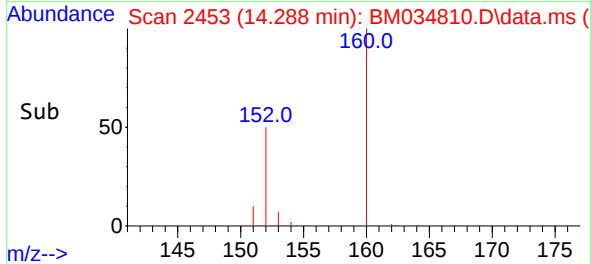
Instrument :
BNA_M
ClientSampleId :
BFFD4DL



Tgt Ion:152 Resp: 1960
Ion Ratio Lower Upper
152 100
151 25.0 19.9 29.9
153 19.1 15.0 22.4

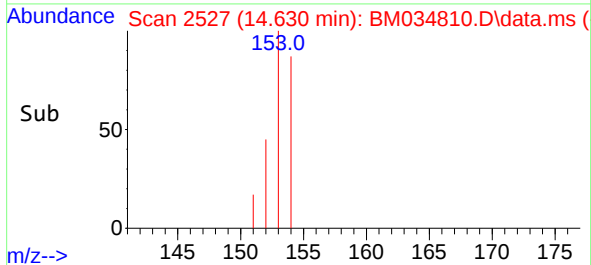
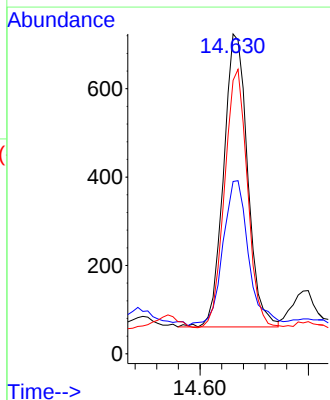
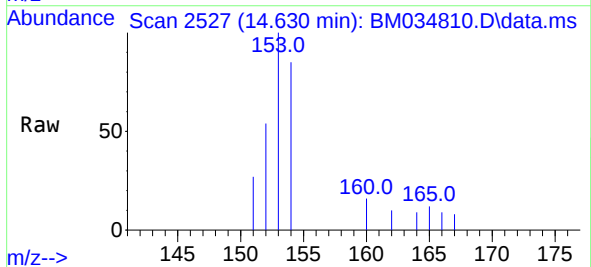
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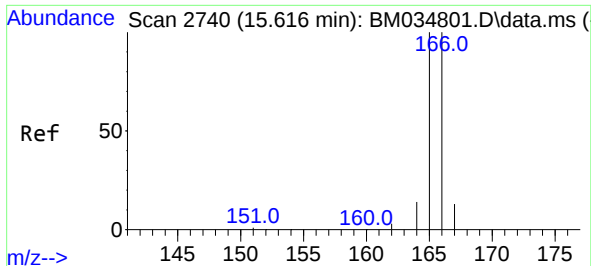
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.630 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

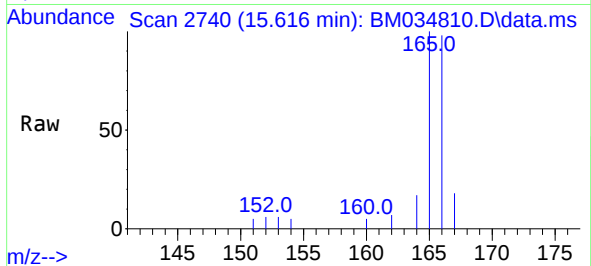
Tgt Ion:153 Resp: 1022
Ion Ratio Lower Upper
153 100
152 53.9 42.4 63.6
154 85.5 66.2 99.2





#12
Fluorene
Concen: 0.056 ng/u1
RT: 15.616 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

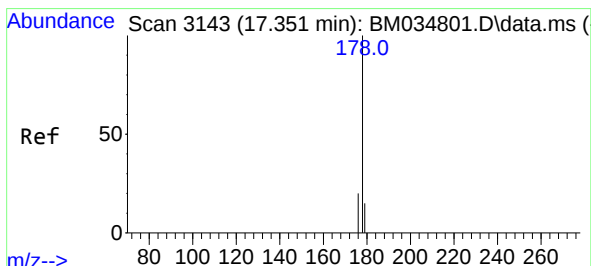
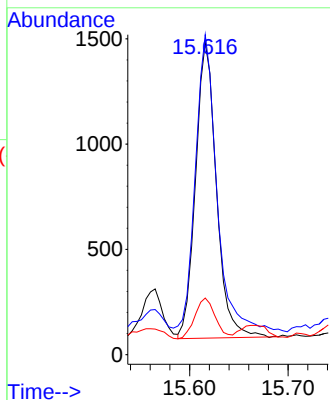
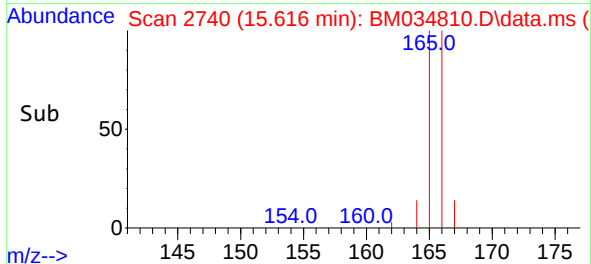
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	81.1	121.7
167	18.2	14.9	22.3

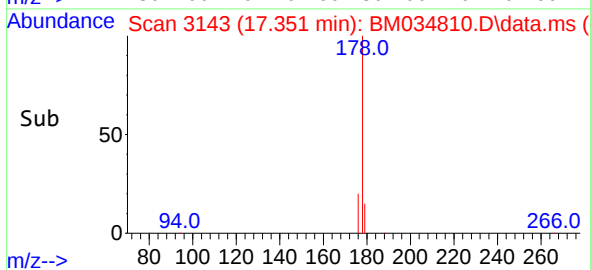
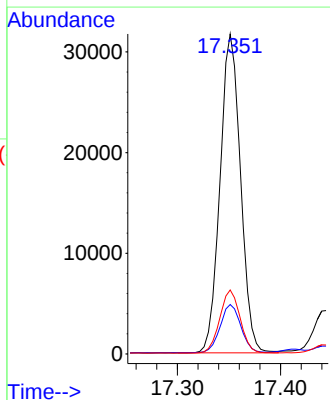
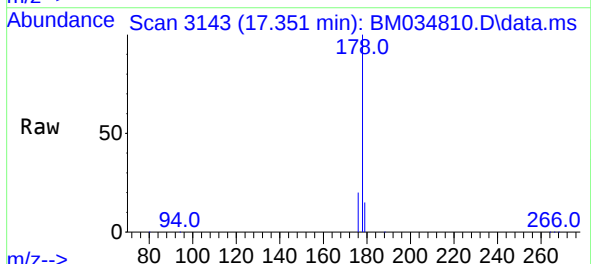
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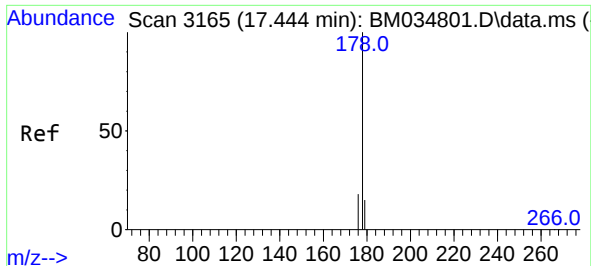
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#15
Phenanthrene
Concen: 0.825 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

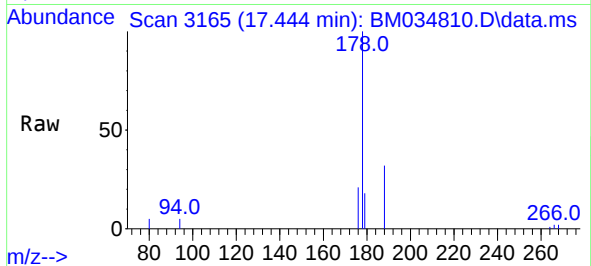
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	15.0	22.6
176	20.0	17.9	26.9





#16
 Anthracene
 Concen: 0.123 ng/ul
 RT: 17.444 min Scan# 3165
 Delta R.T. -0.003 min
 Lab File: BM034810.D
 Acq: 25 Apr 2022 21:50

Instrument :
 BNA_M
 ClientSampleId :
 BFFD4DL

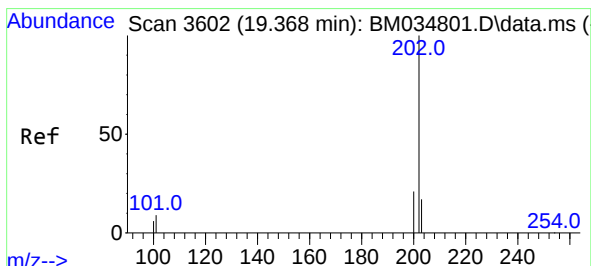
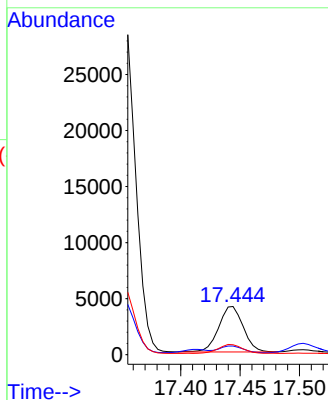
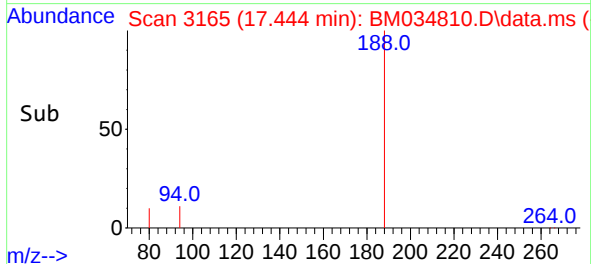


Tgt Ion:178 Resp: 5828

Ion	Ratio	Lower	Upper
178	100		
179	18.0	16.5	24.7
176	20.6	18.3	27.5

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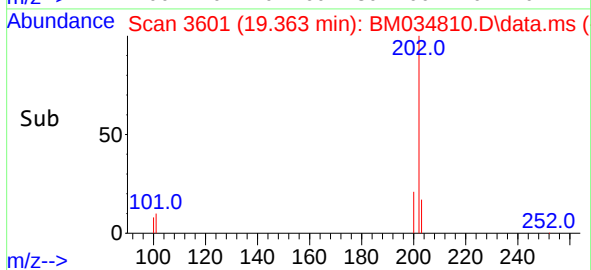
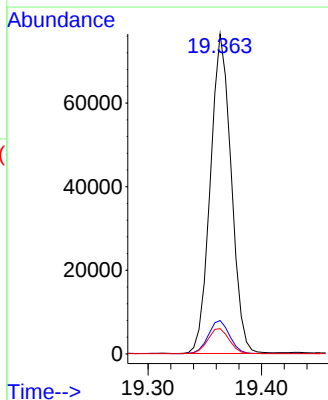
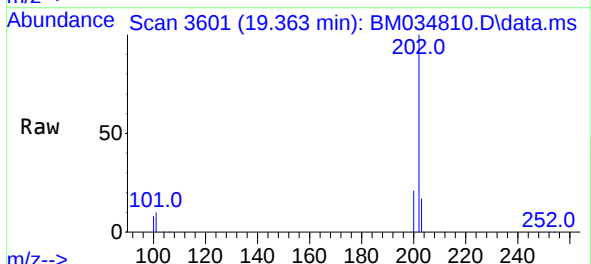
Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

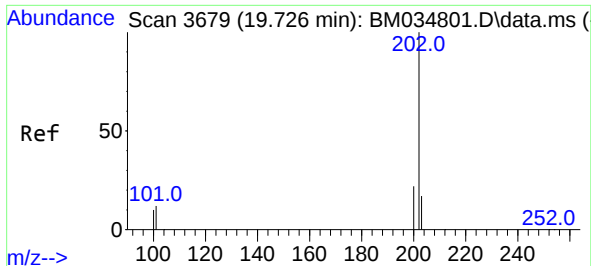


#19
 Fluoranthene
 Concen: 1.773 ng/ul
 RT: 19.363 min Scan# 3601
 Delta R.T. -0.003 min
 Lab File: BM034810.D
 Acq: 25 Apr 2022 21:50

Tgt Ion:202 Resp: 97538

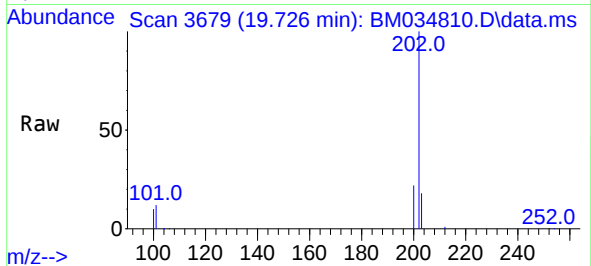
Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.2	13.8
100	7.9	7.2	10.8





#20
Pyrene
Concen: 1.538 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

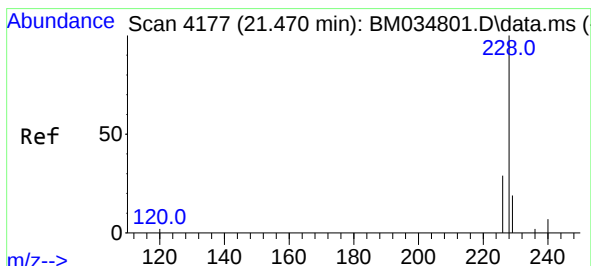
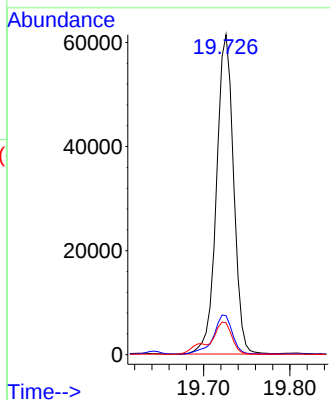
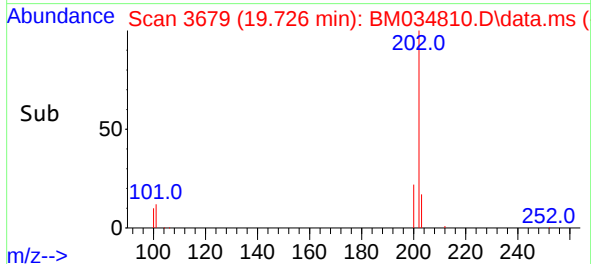
Instrument :
BNA_M
ClientSampleId :
BFFD4DL



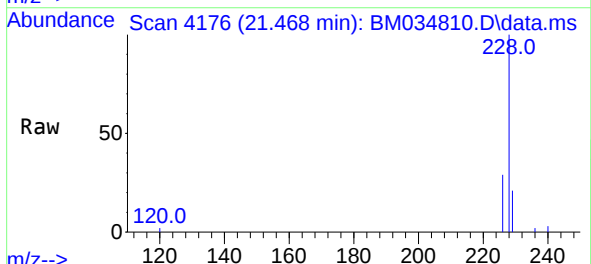
Tgt Ion:202 Resp: 84980
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.9 7.8 11.6

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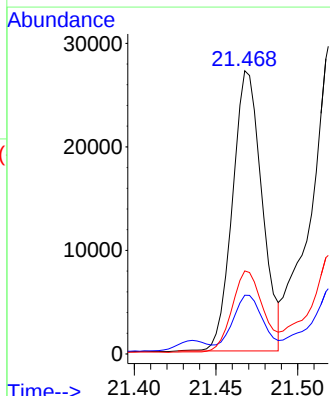
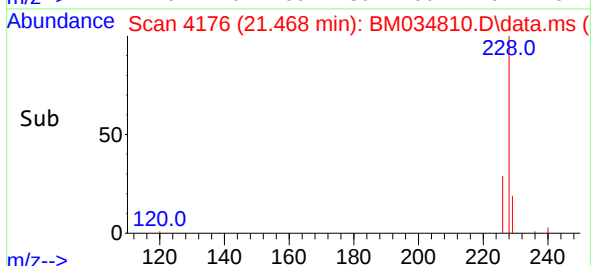
Reviewed By :Jagrut Upadhyay 04/26/2022
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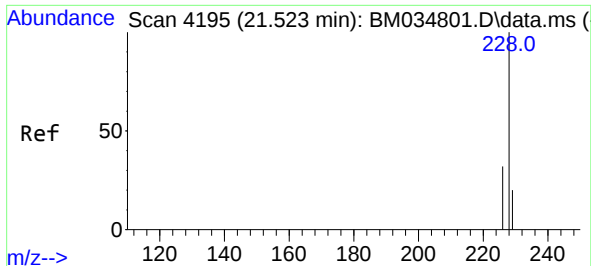


#21
Benzo(a)anthracene
Concen: 0.763 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50



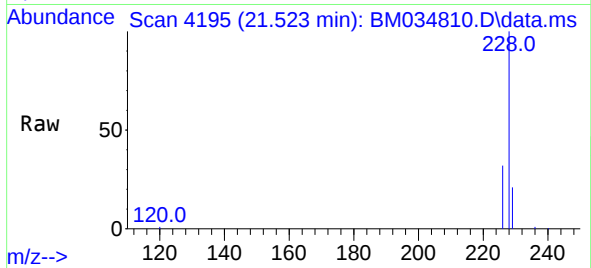
Tgt Ion:228 Resp: 34005
Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 29.3 23.2 34.8





#22
Chrysene
Concen: 1.010 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

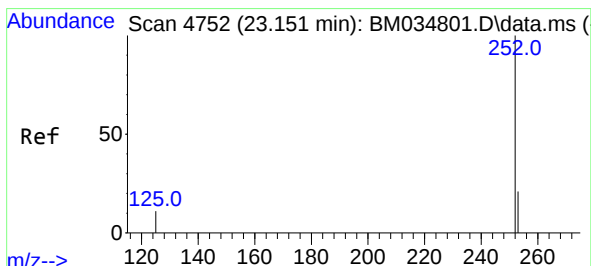
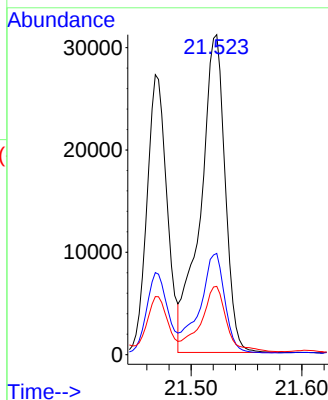
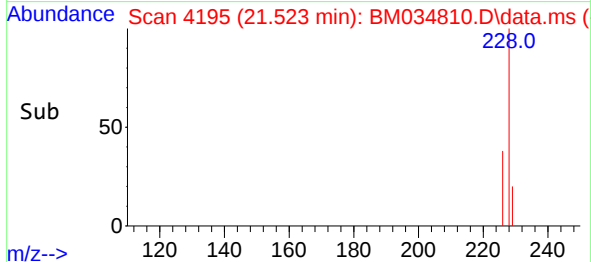
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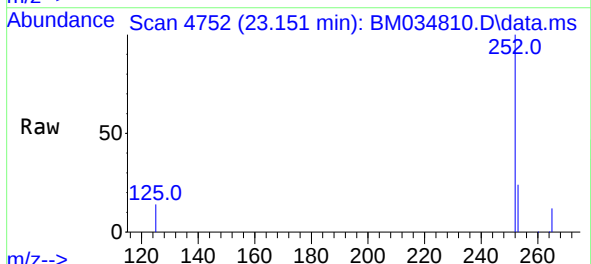
Tgt Ion:228 Resp: 48000
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 21.4 16.7 25.1

Manual Integrations
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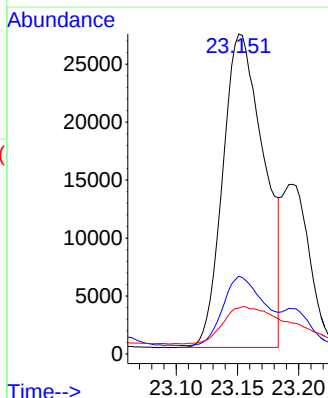
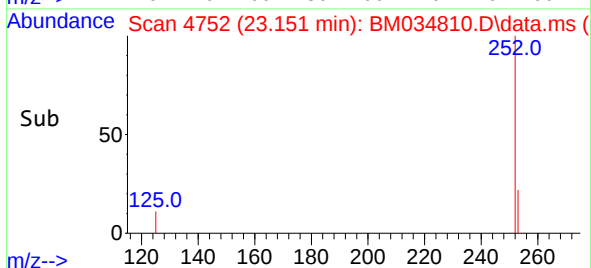
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

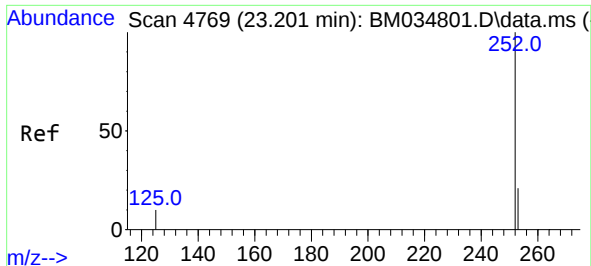


#24
Benzo(b)fluoranthene
Concen: 1.195 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.001 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50



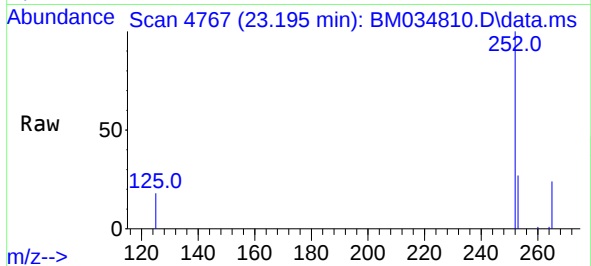
Tgt Ion:252 Resp: 63403
Ion Ratio Lower Upper
252 100
253 24.3 0.0 64.2
125 14.3 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. -0.007 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

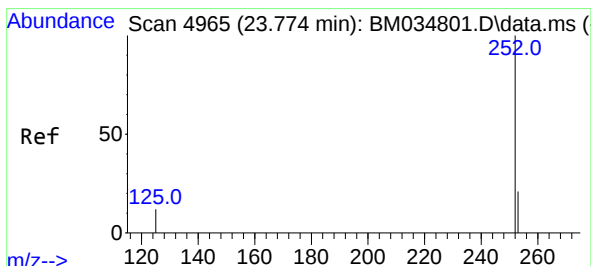
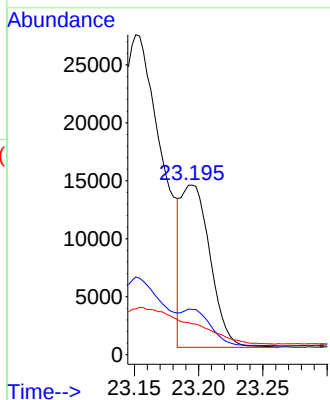
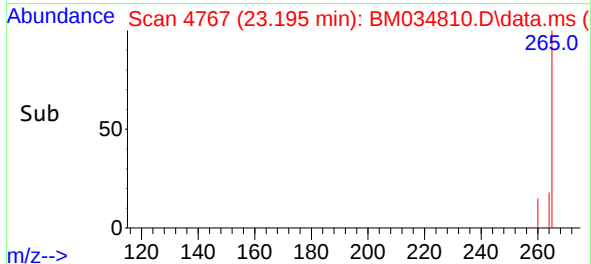
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BNA_M
ClientSampleId :
BFFD4DL



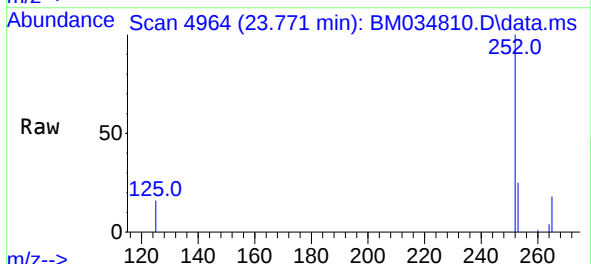
Tgt Ion:252 Resp: 22150
Ion Ratio Lower Upper
252 100
253 26.7 26.8 40.2
125 18.2 12.0 18.0

Manual Integrations
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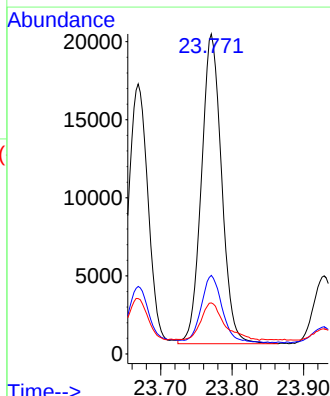
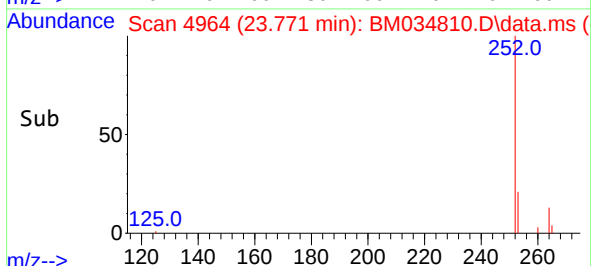
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

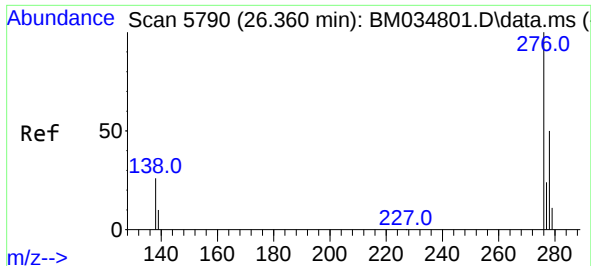


#26
Benzo(a)pyrene
Concen: 0.901 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.004 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50



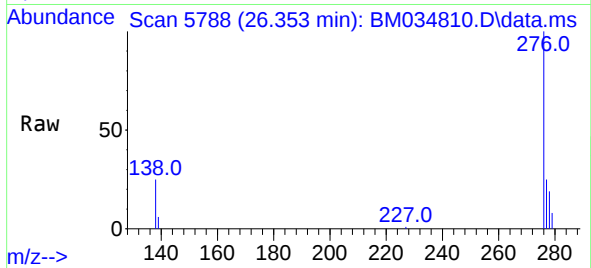
Tgt Ion:252 Resp: 39006
Ion Ratio Lower Upper
252 100
253 24.5 32.0 48.0
125 15.9 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.008 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

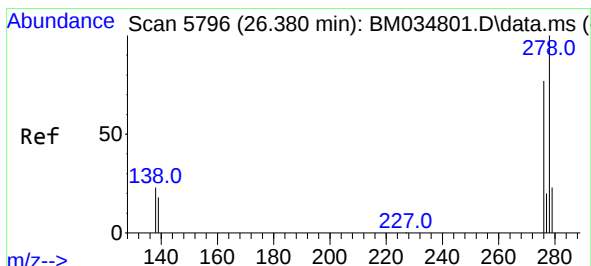
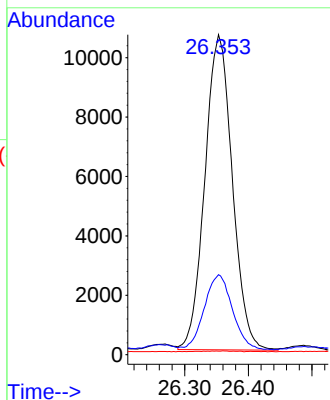
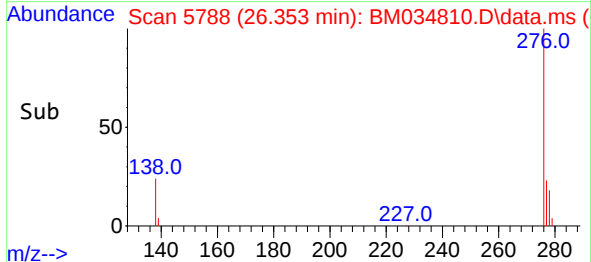
Instrument :
BNA_M
ClientSampleId :
BFFD4DL



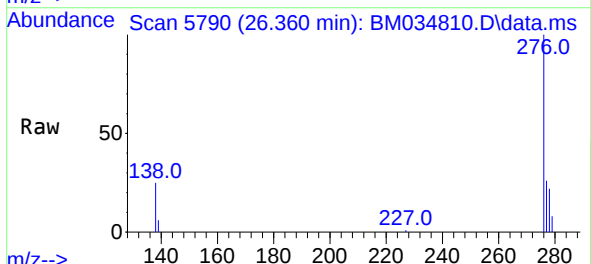
Tgt Ion:276 Resp: 3181
Ion Ratio Lower Upper
276 100
138 24.3 15.8 23.6
227 0.1 0.0 0.0

Manual Integrations
APPROVED

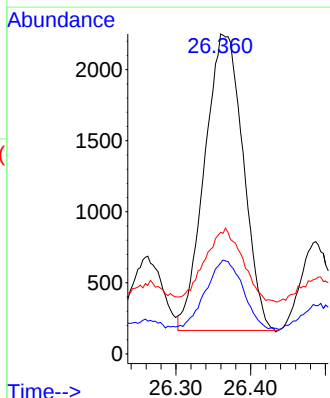
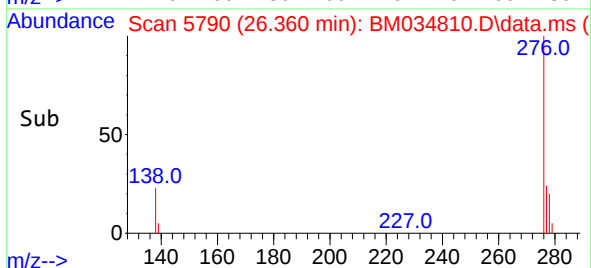
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

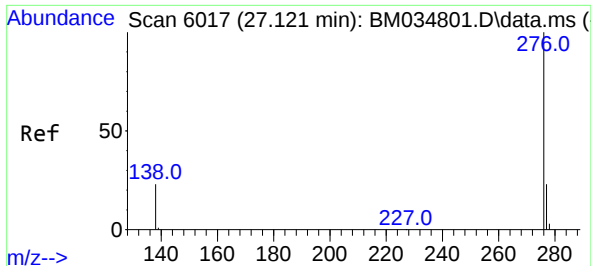


#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.025 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50



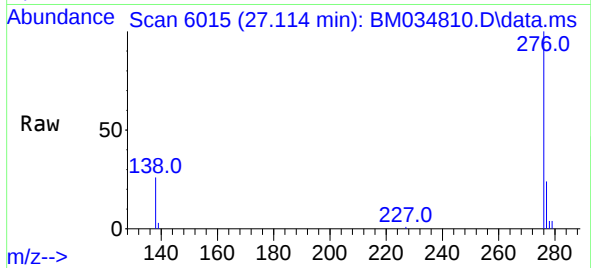
Tgt Ion:278 Resp: 7465
Ion Ratio Lower Upper
278 100
139 28.4 18.0 27.0
279 38.0 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 0.513 ng/ul
RT: 27.114 min Scan# 6015
Delta R.T. -0.005 min
Lab File: BM034810.D
Acq: 25 Apr 2022 21:50

Instrument :
BNA_M
ClientSampleId :
BFFD4DL



Tgt Ion: 276 Resp: 2691
Ion Ratio Lower Upper
276 100
138 25.7 17.4 26.0
277 24.4 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

