

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034808.D
 Acq On : 25 Apr 2022 20:38
 Operator : CG/JU
 Sample : N2374-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF4

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 03:06:39 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	7.943	152	5999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	15365	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	7782	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	14344	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	10503	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	11249	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	18544	2.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.333	152	3747	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	7119	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.352	178	3361	0.071	ng/ul	98
19) Fluoranthene	19.364	202	10284	0.204	ng/ul	98
20) Pyrene	19.726	202	9471m	0.187	ng/ul	
21) Benzo(a)anthracene	21.471	228	3030	0.074	ng/ul	93
22) Chrysene	21.523	228	5664	0.130	ng/ul	97
24) Benzo(b)fluoranthene	23.154	252	8652	0.168	ng/ul#	84
25) Benzo(k)fluoranthene	23.195	252	3249m	0.063	ng/ul	
26) Benzo(a)pyrene	23.774	252	4476	0.107	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.360	276	4816	0.082	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.367	278	1115	0.023	ng/ul#	10
29) Benzo(g,h,i)perylene	27.118	276	4860	0.096	ng/ul#	85

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

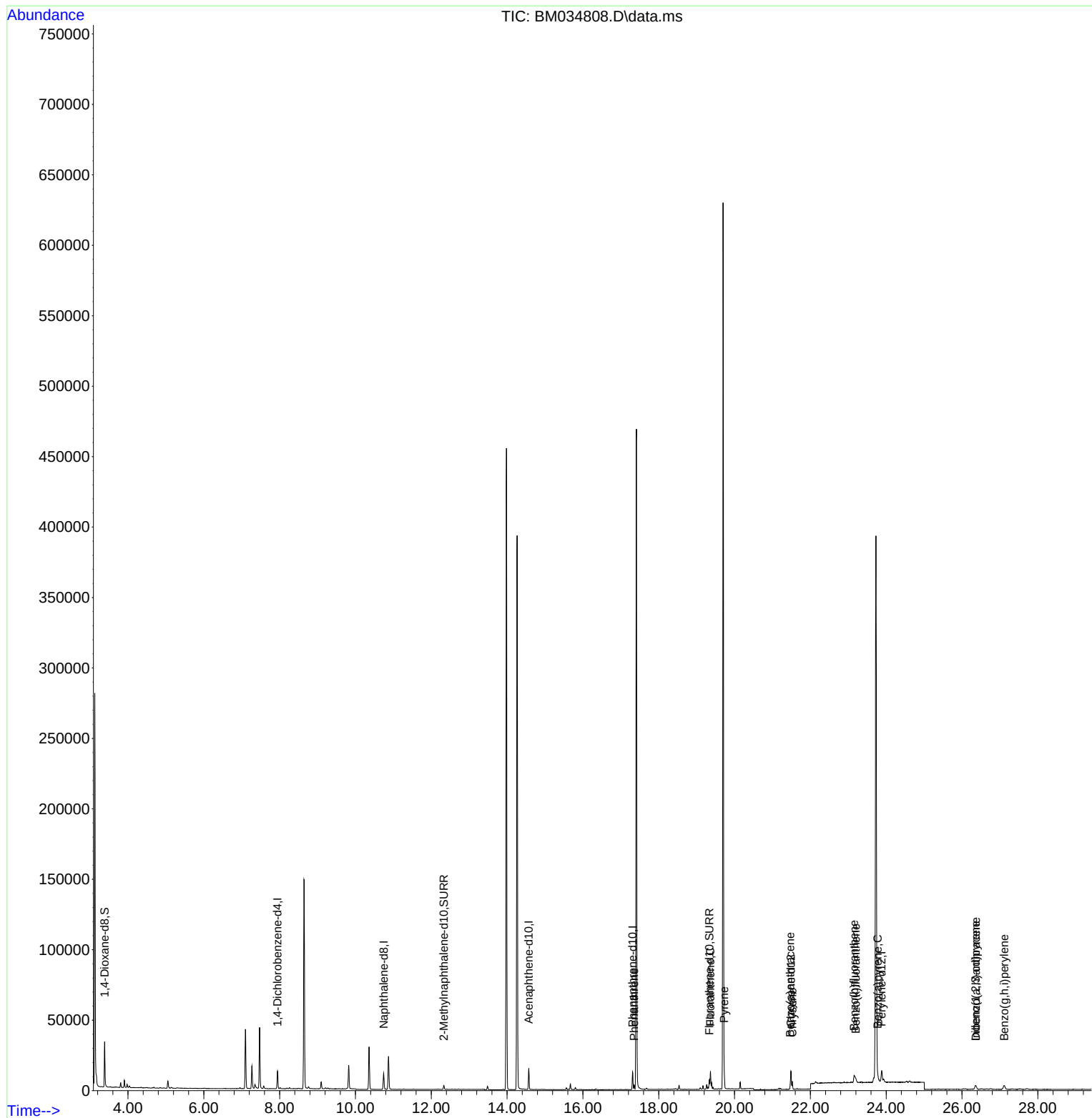
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034808.D
Acq On : 25 Apr 2022 20:38
Operator : CG/JU
Sample : N2374-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

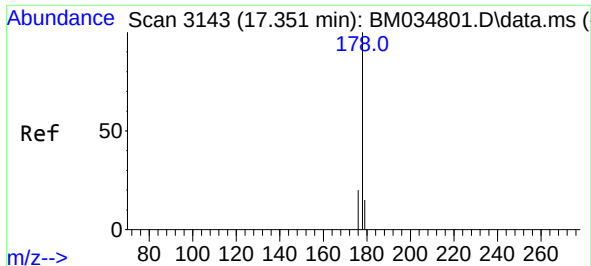
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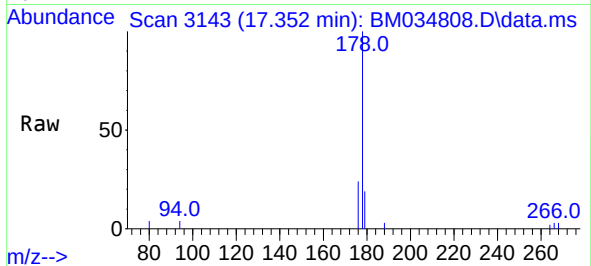
Quant Time: Apr 26 03:06:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
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#15
Phenanthrene
Concen: 0.071 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

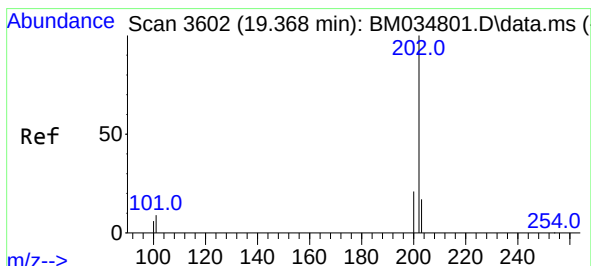
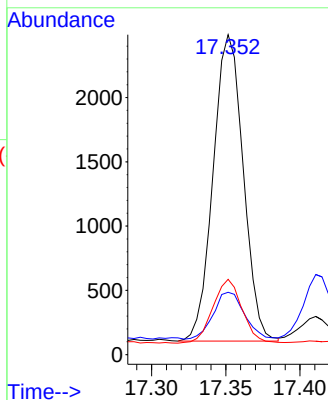
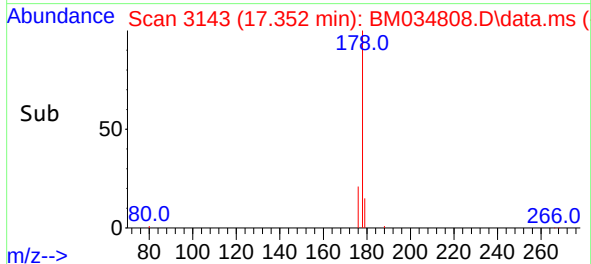
Instrument :
BNA_M
ClientSampleId :
BFFF4



Tgt Ion:	178	Resp:	336
Ion	Ratio	Lower	Upper
178	100		
179	19.5	15.0	22.6
176	23.5	17.9	26.9

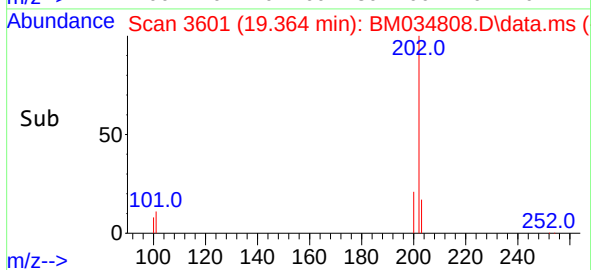
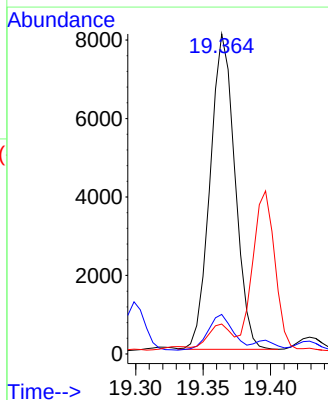
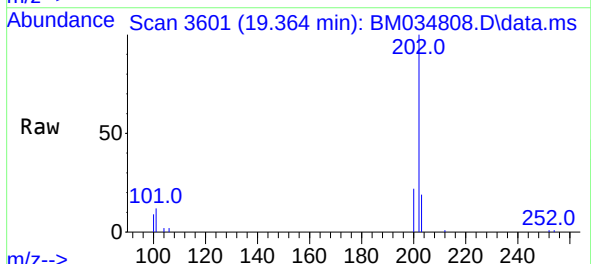
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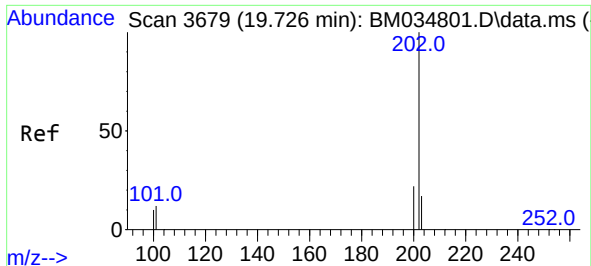
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#19
Fluoranthene
Concen: 0.204 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

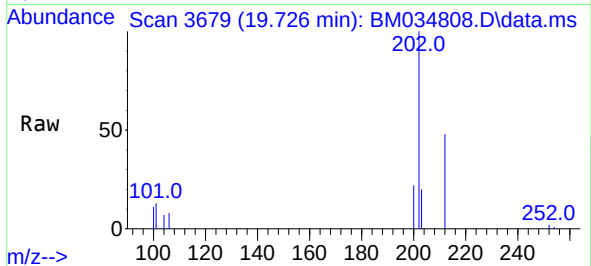
Tgt Ion:	202	Resp:	10284
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.2	13.8
100	9.3	7.2	10.8





#20
Pyrene
Concen: 0.187 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

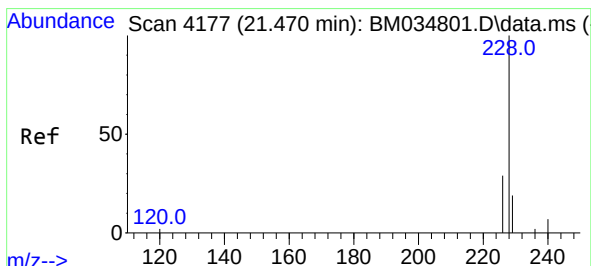
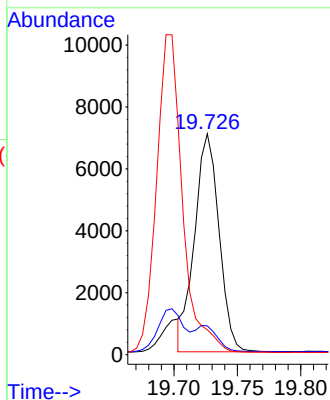
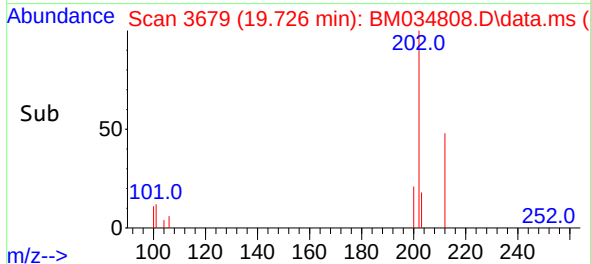
Instrument :
BNA_M
ClientSampleId :
BFFF4



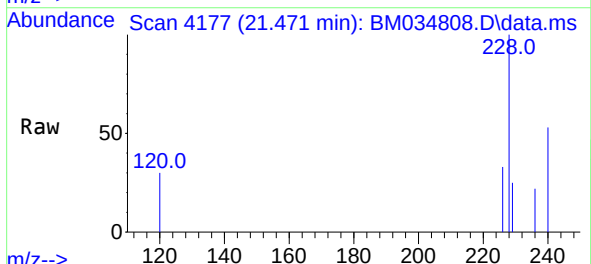
Tgt Ion:202 Resp: 947
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 11.3 7.8 11.6

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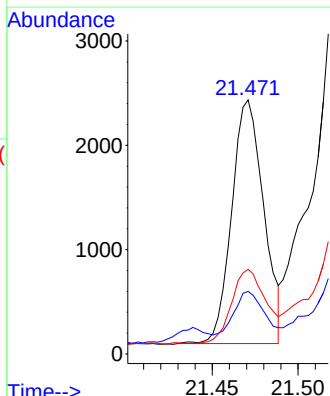
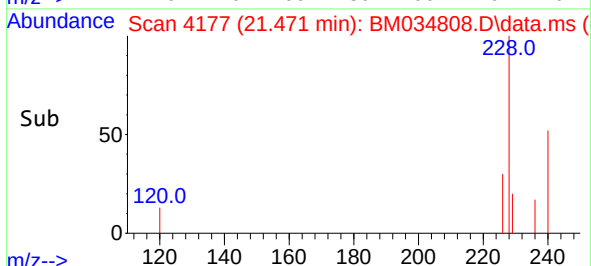
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

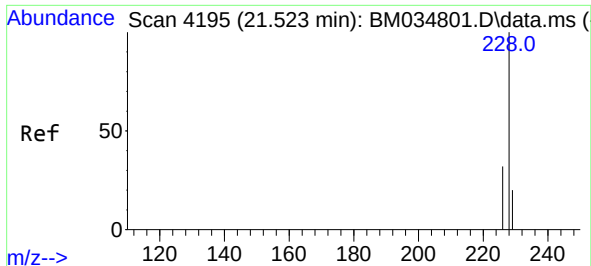


#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38



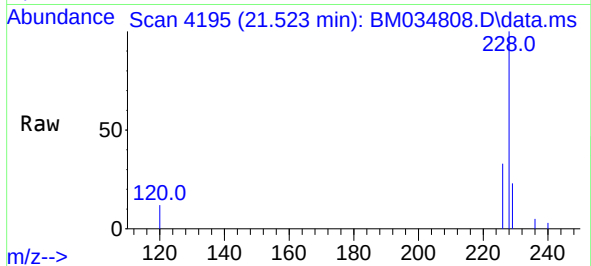
Tgt Ion:228 Resp: 3030
Ion Ratio Lower Upper
228 100
229 24.6 17.3 25.9
226 33.3 23.2 34.8





#22
Chrysene
Concen: 0.130 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

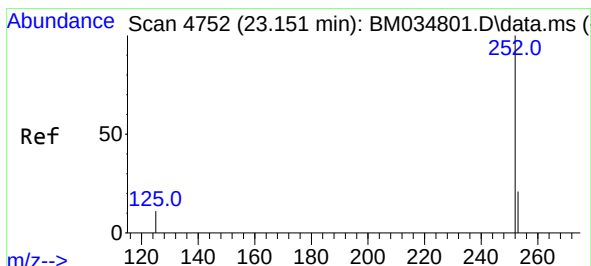
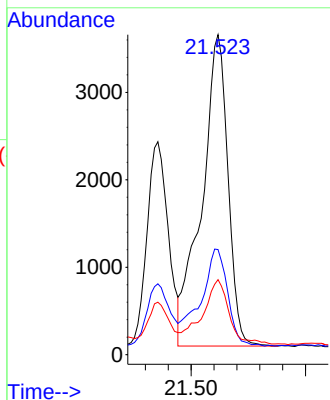
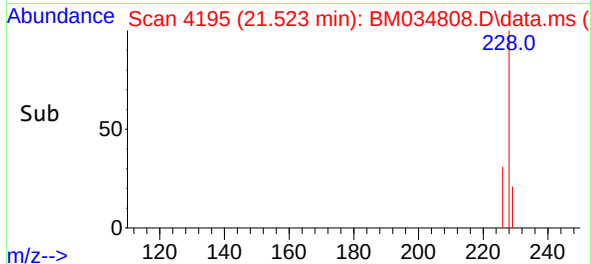
Instrument :
BNA_M
ClientSampleId :
BFFF4



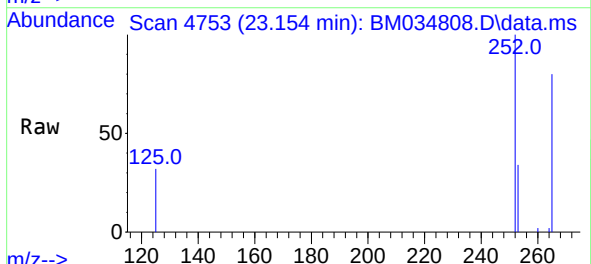
Tgt Ion:228 Resp: 5664
Ion Ratio Lower Upper
228 100
226 32.9 25.8 38.8
229 23.5 16.7 25.1

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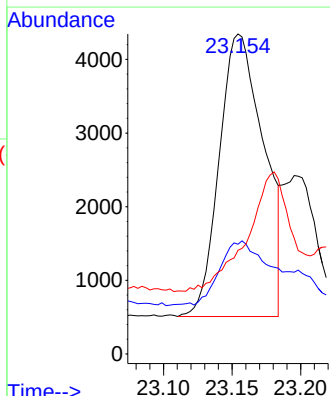
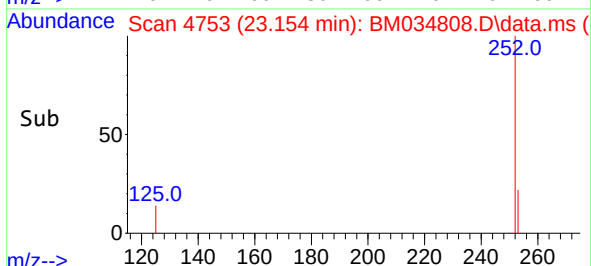
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

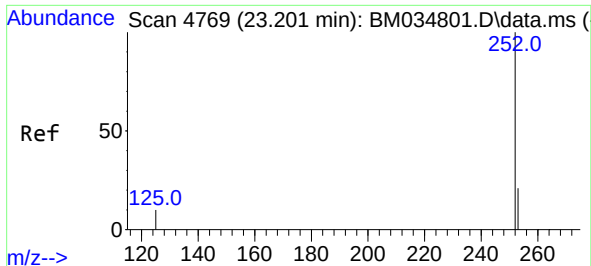


#24
Benzo(b)fluoranthene
Concen: 0.168 ng/u1
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38



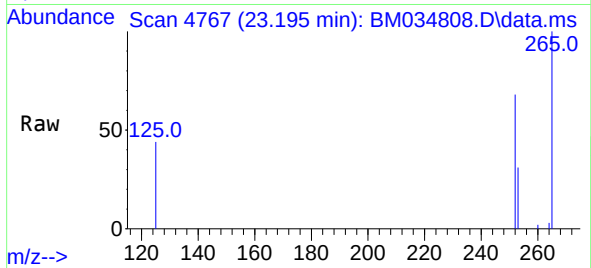
Tgt Ion:252 Resp: 8652
Ion Ratio Lower Upper
252 100
253 34.3 0.0 64.2
125 32.4 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.195 min Scan# 4769
Delta R.T. -0.007 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

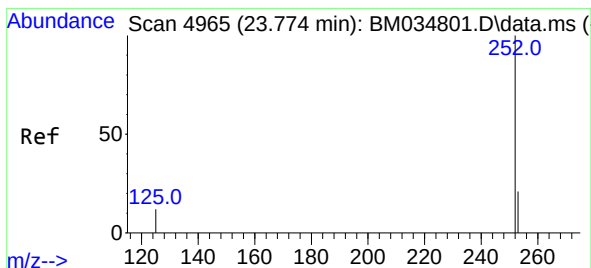
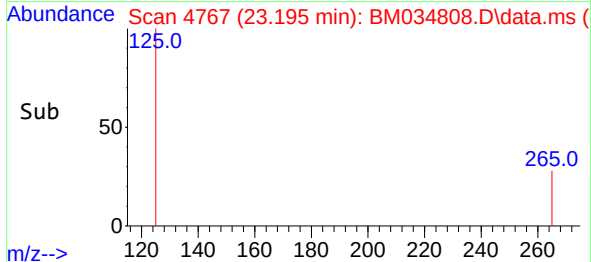
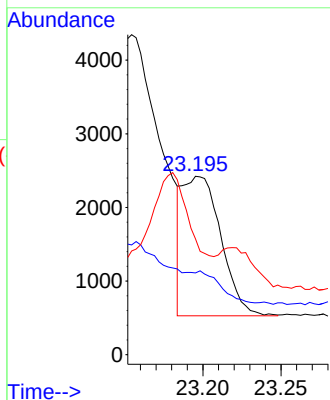
Instrument :
BNA_M
ClientSampleId :
BFFF4



Tgt Ion:252 Resp: 3249
Ion Ratio Lower Upper
252 100
253 45.9 26.8 40.2
125 64.9 12.0 18.0

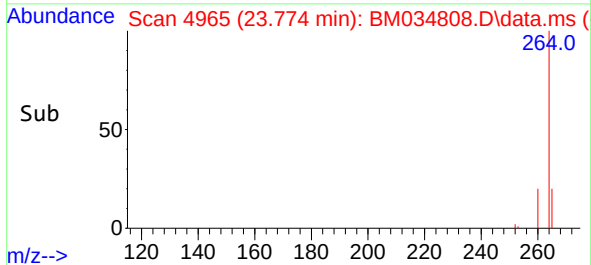
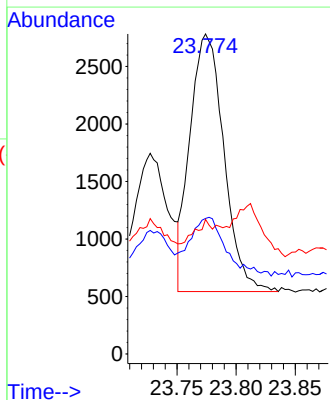
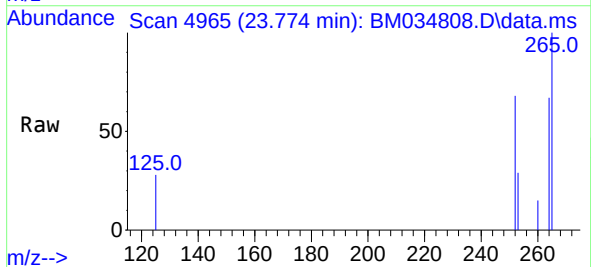
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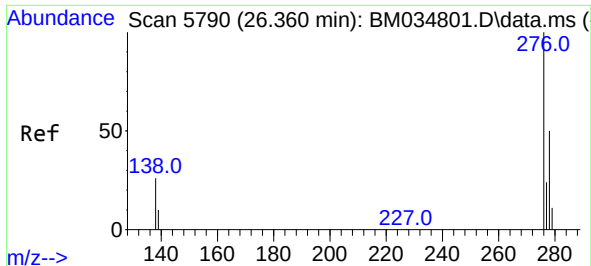
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.774 min Scan# 4965
Delta R.T. -0.001 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

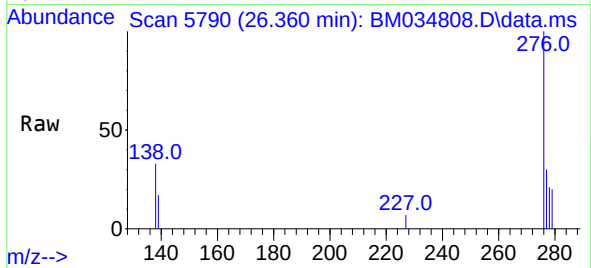
Tgt Ion:252 Resp: 4476
Ion Ratio Lower Upper
252 100
253 42.4 32.0 48.0
125 42.0 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.001 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

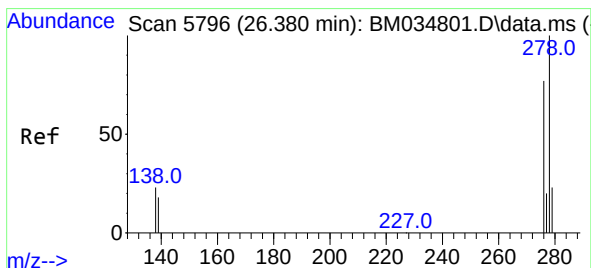
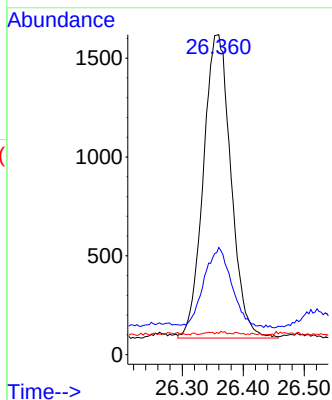
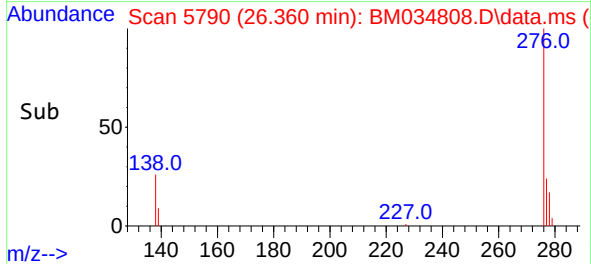
Instrument :
BNA_M
ClientSampleId :
BFFF4



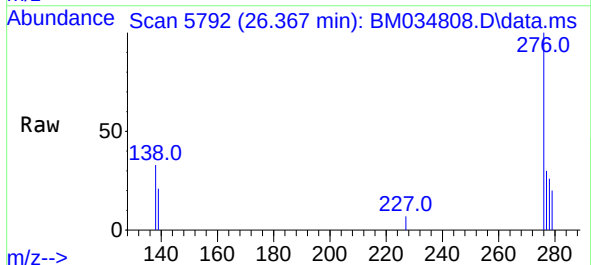
Tgt Ion: 276 Resp: 4810
Ion Ratio Lower Upper
276 100
138 26.6 15.8 23.6
227 0.4 0.0 0.0

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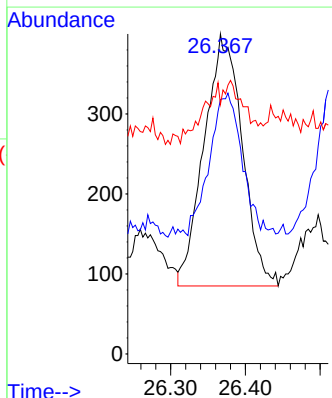
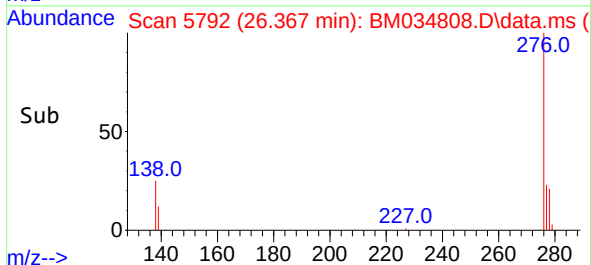
Reviewed By : Jagrut Upadhyay 04/26/2022
Supervised By : Yogesh Patel 04/29/2022

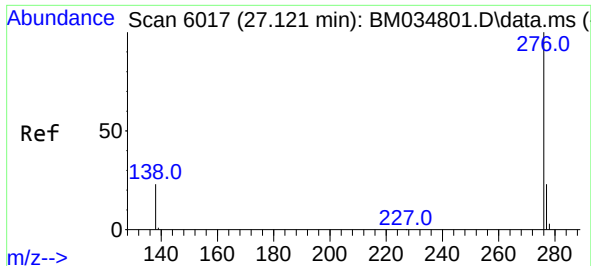


#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.367 min Scan# 5792
Delta R.T. -0.018 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38



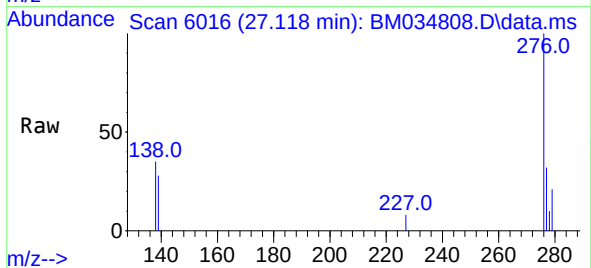
Tgt Ion: 278 Resp: 1115
Ion Ratio Lower Upper
278 100
139 79.5 18.0 27.0#
279 78.0 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034808.D
Acq: 25 Apr 2022 20:38

Instrument :
BNA_M
ClientSampleId :
BFFF4



Tgt Ion:276 Resp: 4860
Ion Ratio Lower Upper
276 100
138 34.6 17.4 26.0
277 31.5 22.6 33.8

Manual Integrations
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