

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033192.D
 Acq On : 02 Aug 2024 06:57
 Operator : MA/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:25:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.461	152	4004m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.179	136	150770m	0.400	ng/ul	-0.14
9) Acenaphthene-d10	14.097	164	14257m	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.886	188	17973m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.113	240	12616m	0.400	ng/ul	-0.04
23) Perylene-d12	23.288	264	14175m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	19251	3.801	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.835	152	6283	0.026	ng/ul	-0.09
18) Fluoranthene-d10	18.930	212	13368m	0.374	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.383	128	74056403	191.271	ng/ul	97
7) 2-Methylnaphthalene	11.934	142	11047444	42.120	ng/ul	93
8) 1-Methylnaphthalene	12.154	142	7314984	25.790	ng/ul	95
10) Acenaphthylene	13.838	152	196432	3.367	ng/ul#	92
11) Acenaphthene	14.189	153	4077214	92.899	ng/ul	98
12) Fluorene	15.184	166	3018251	59.004	ng/ul	98
15) Phenanthrene	16.933	178	4216482m	87.464	ng/ul	
16) Anthracene	17.021	178	829813m	19.145	ng/ul	
19) Fluoranthene	18.963	202	573025	13.795	ng/ul	96
20) Pyrene	19.330	202	330903	7.428	ng/ul	98
21) Benzo(a)anthracene	21.099	228	59991	1.394	ng/ul	91
22) Chrysene	21.148	228	46327m	0.922	ng/ul	
24) Benzo(b)fluoranthene	22.638	252	38532m	0.931	ng/ul	
25) Benzo(k)fluoranthene	22.676	252	15611m	0.315	ng/ul	
26) Benzo(a)pyrene	23.194	252	28590m	0.734	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.467	276	15797m	0.267	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	4715m	0.100	ng/ul	
29) Benzo(g,h,i)perylene	26.137	276	15091m	0.321	ng/ul	

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

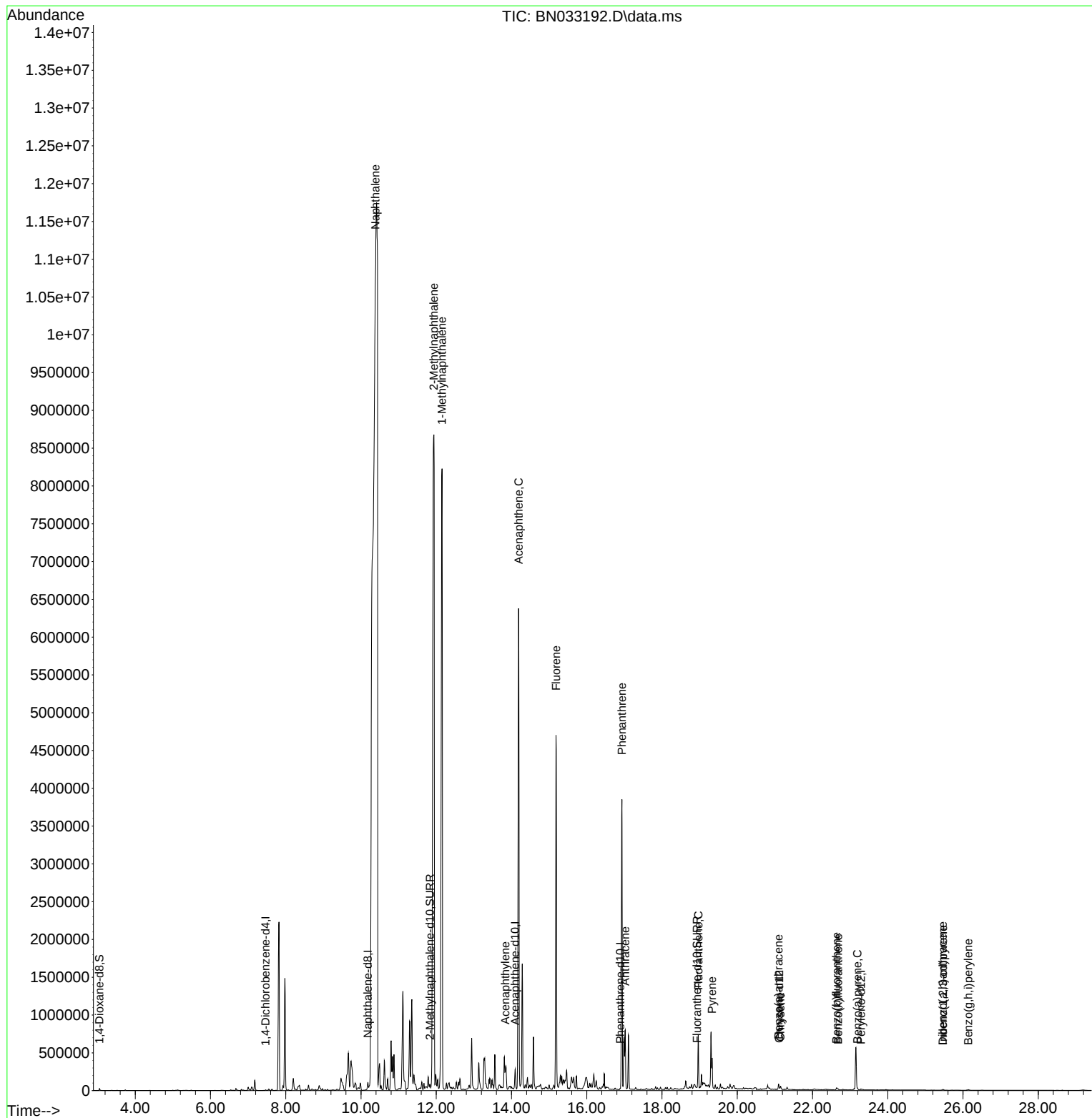
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
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ALS Vial : 26 Sample Multiplier: 1

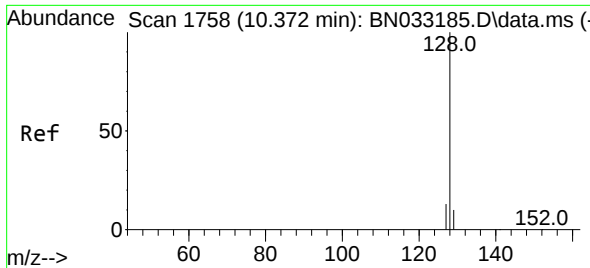
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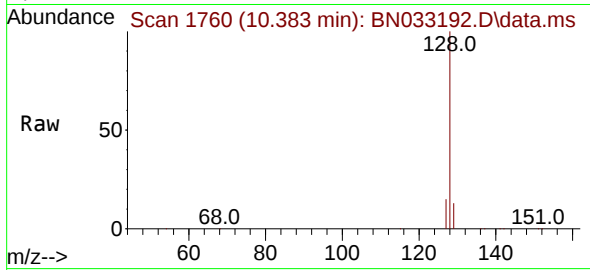
Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 191.271 ng/ul
RT: 10.383 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

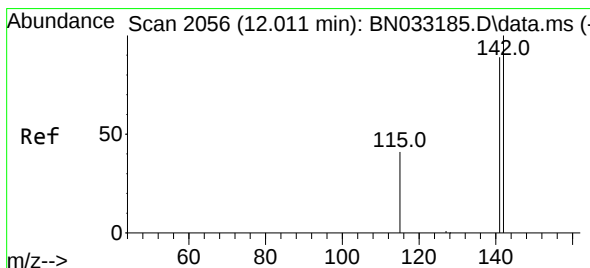
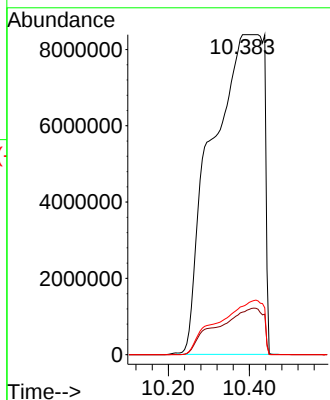
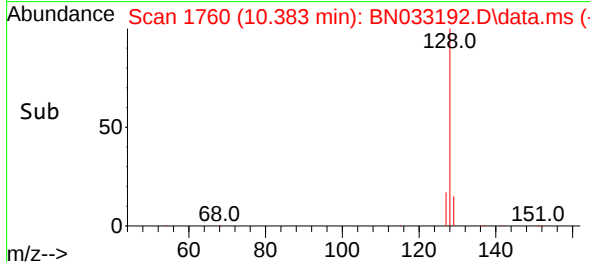
Instrument :
BNA_N
ClientSampleId :
C0AY7



Tgt Ion:128 Resp:7405640
Ion Ratio Lower Upper
128 100
129 13.3 12.0 18.0
127 15.1 12.7 19.1

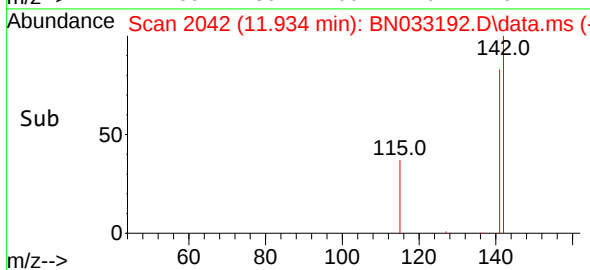
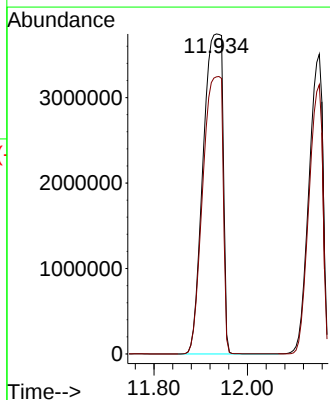
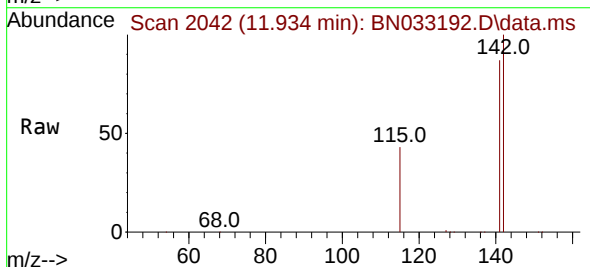
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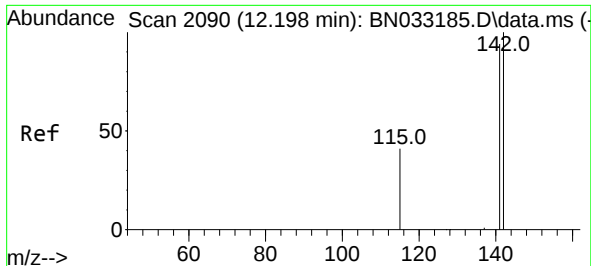
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 42.120 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

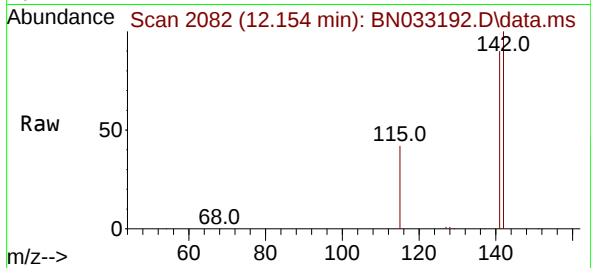
Tgt Ion:142 Resp:11047444
Ion Ratio Lower Upper
142 100
141 87.2 75.2 112.8





#8
1-Methylnaphthalene
Concen: 25.790 ng/ul
RT: 12.154 min Scan# 2090
Delta R.T. -0.044 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

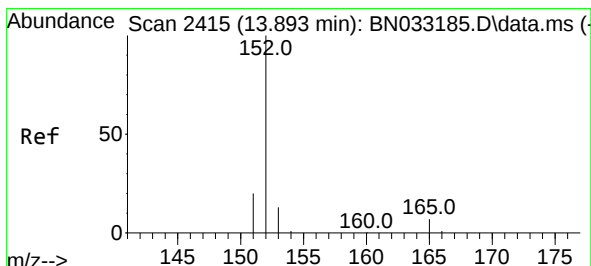
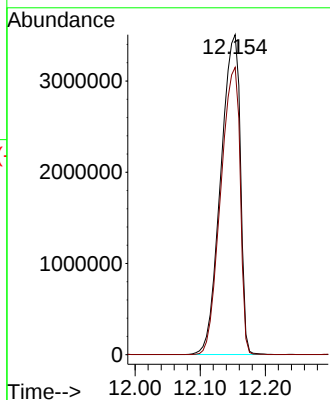
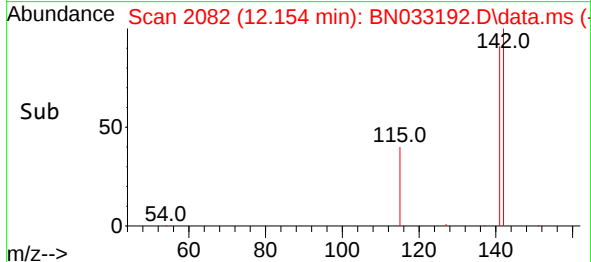
Instrument :
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Tgt Ion:142 Resp: 7314984
Ion Ratio Lower Upper
142 100
141 88.6 74.3 111.5

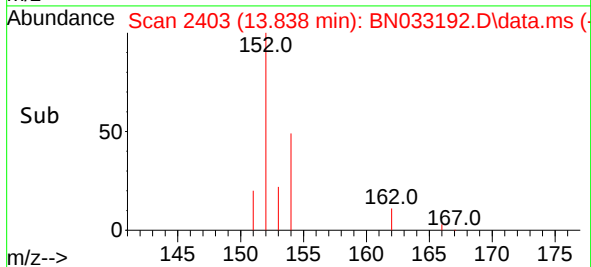
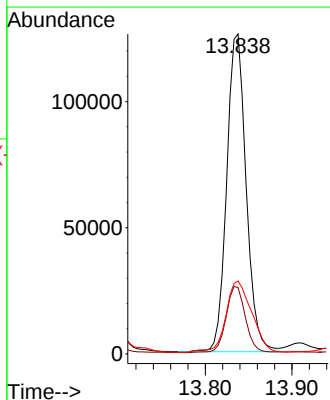
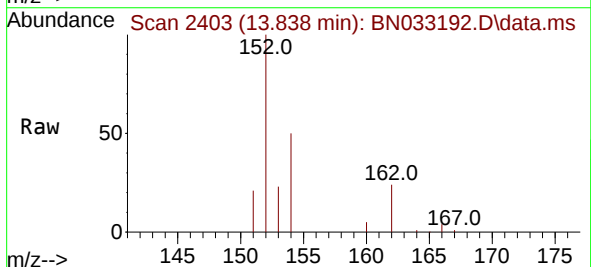
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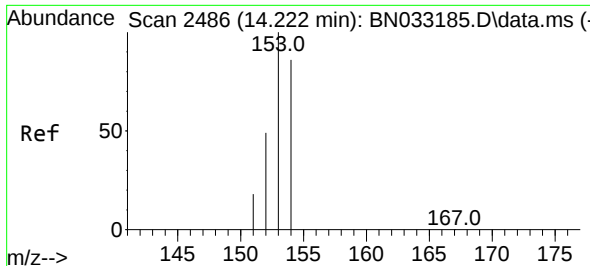
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 3.367 ng/ul
RT: 13.838 min Scan# 2403
Delta R.T. -0.060 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

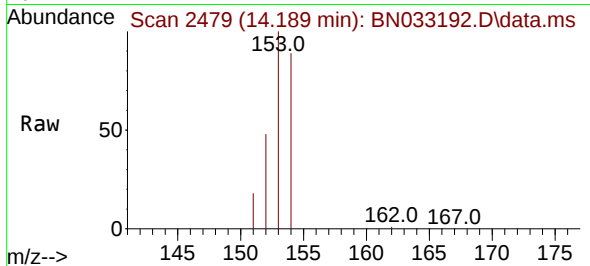
Tgt Ion:152 Resp: 196432
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 22.8 11.9 17.9#





#11
Acenaphthene
Concen: 92.899 ng/uI
RT: 14.189 min Scan# 2486
Delta R.T. -0.037 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

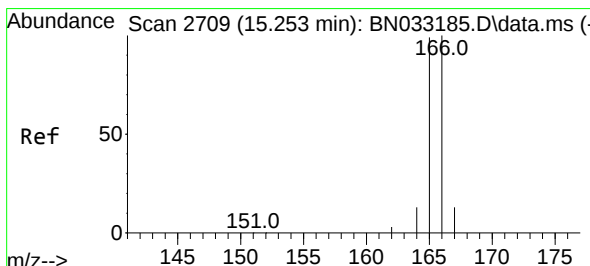
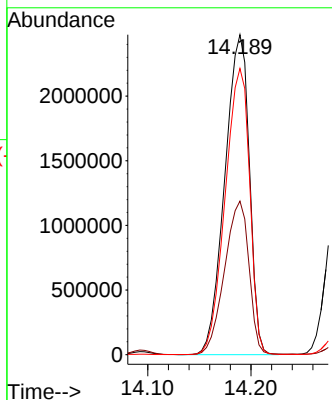
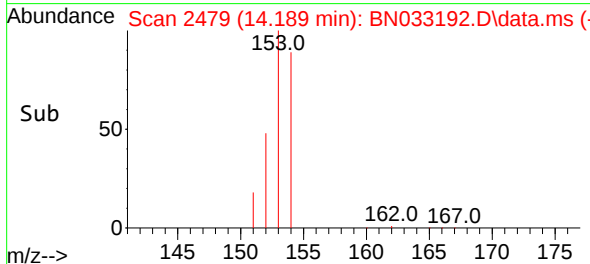
Instrument :
BNA_N
ClientSampleId :
C0AY7



Tgt Ion:153 Resp: 4077214
Ion Ratio Lower Upper
153 100
152 48.0 40.0 60.0
154 89.5 70.1 105.1

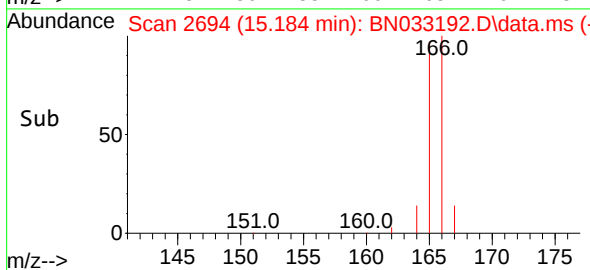
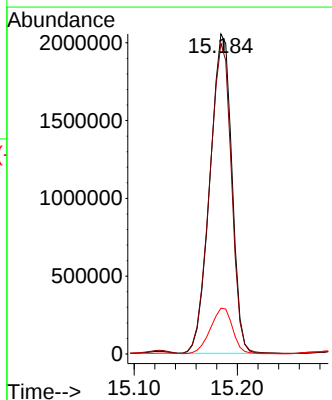
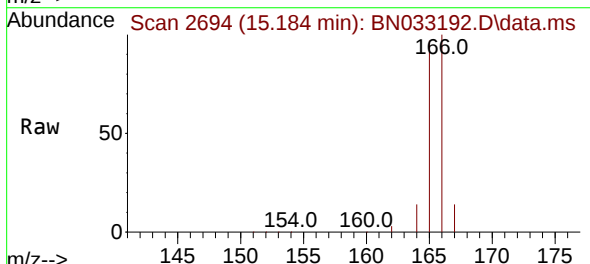
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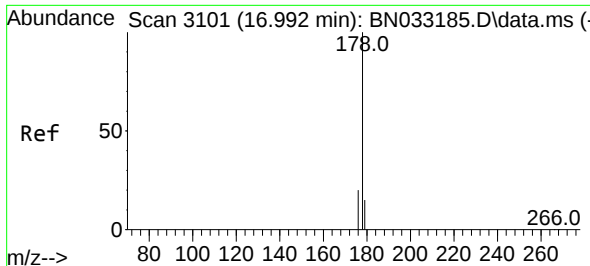
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 59.004 ng/uI
RT: 15.184 min Scan# 2694
Delta R.T. -0.065 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

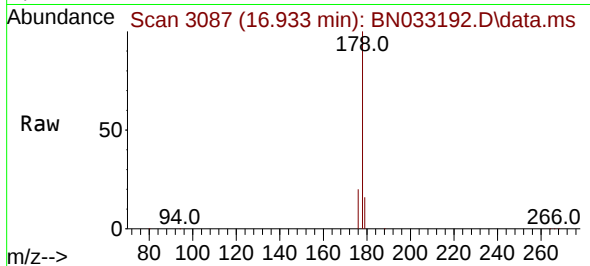
Tgt Ion:166 Resp: 3018251
Ion Ratio Lower Upper
166 100
165 97.1 79.6 119.4
167 14.3 12.2 18.4





#15
Phenanthrene
Concen: 87.464 ng/ul m
RT: 16.933 min Scan# 3087
Delta R.T. -0.050 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

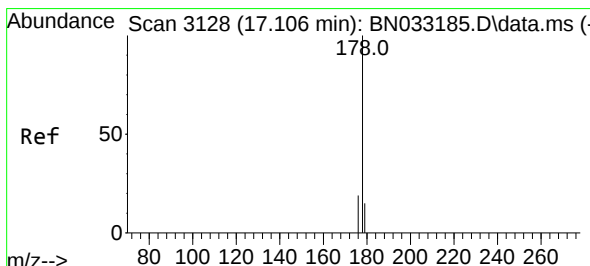
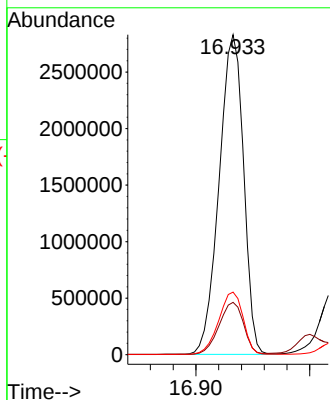
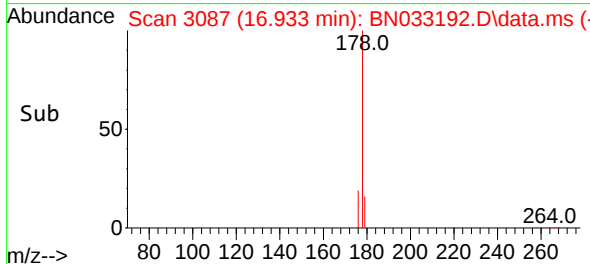
Instrument :
BNA_N
ClientSampleId :
C0AY7



Tgt Ion:178 Resp: 421648
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 19.6 15.9 23.9

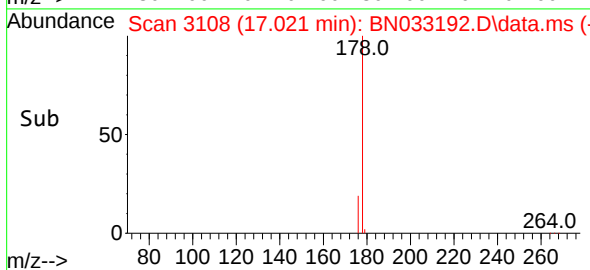
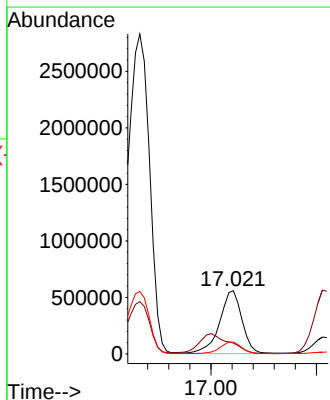
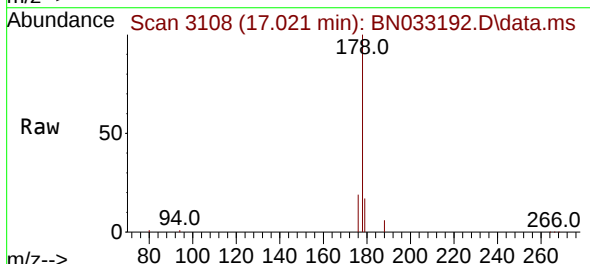
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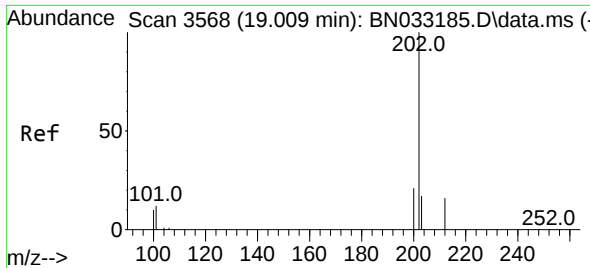
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 19.145 ng/ul m
RT: 17.021 min Scan# 3108
Delta R.T. -0.067 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

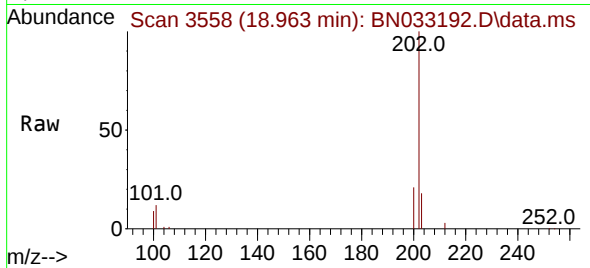
Tgt Ion:178 Resp: 829813
Ion Ratio Lower Upper
178 100
179 17.4 14.3 21.5
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 13.795 ng/u1
RT: 18.963 min Scan# 3558
Delta R.T. -0.042 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

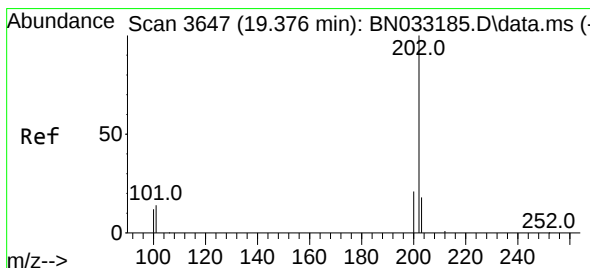
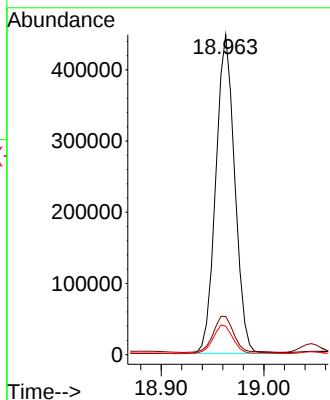
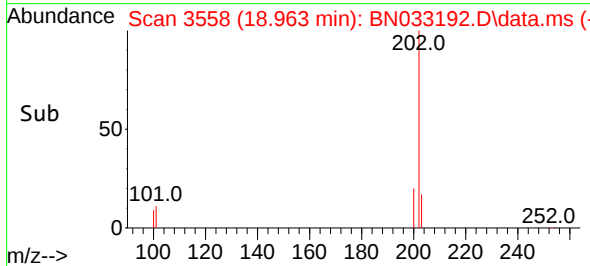
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Tgt Ion:202 Resp: 573025
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.0 8.3 12.5

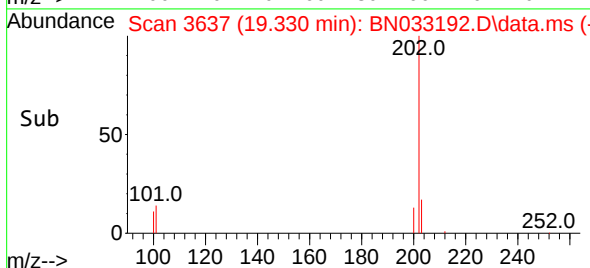
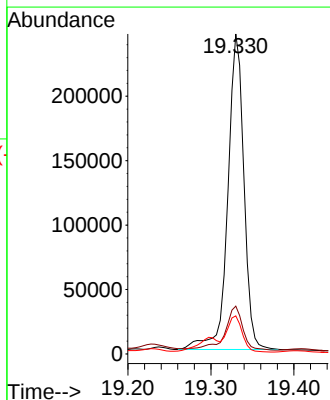
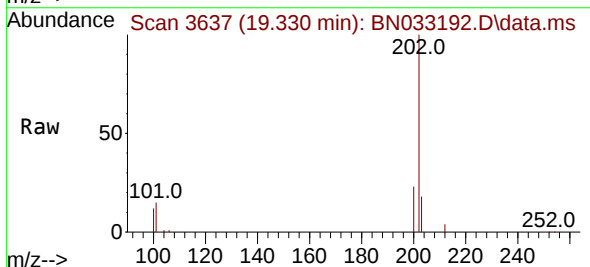
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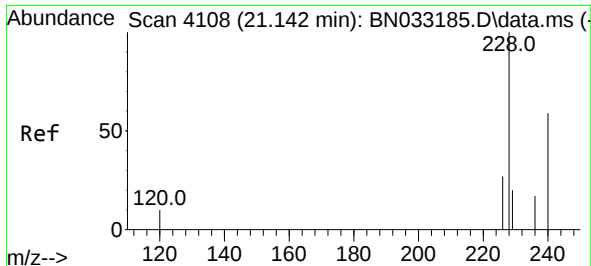
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 7.428 ng/u1
RT: 19.330 min Scan# 3637
Delta R.T. -0.042 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

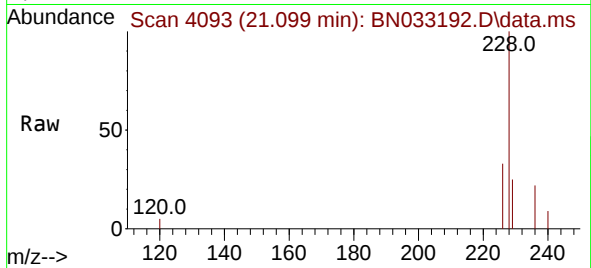
Tgt Ion:202 Resp: 330903
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 11.9 9.9 14.9





#21
Benzo(a)anthracene
Concen: 1.394 ng/ul
RT: 21.099 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

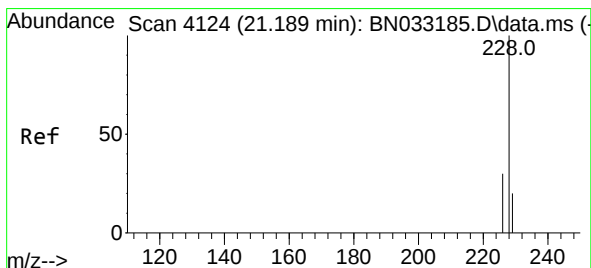
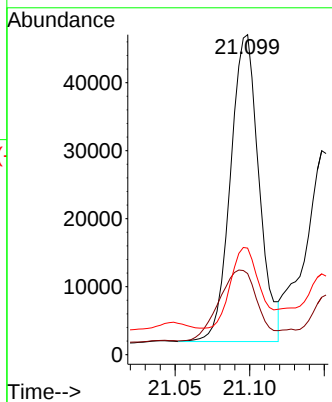
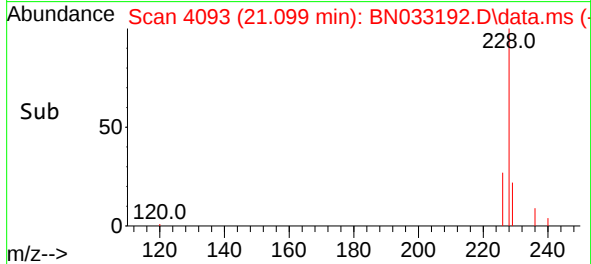
Instrument :
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Tgt Ion:228 Resp: 5999
Ion Ratio Lower Upper
228 100
229 25.3 17.1 25.7
226 33.3 22.4 33.6

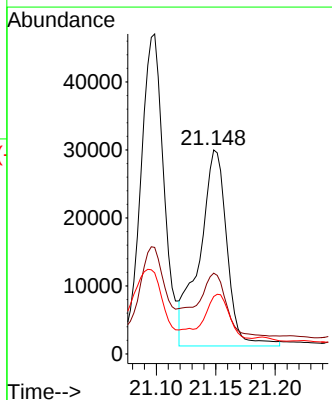
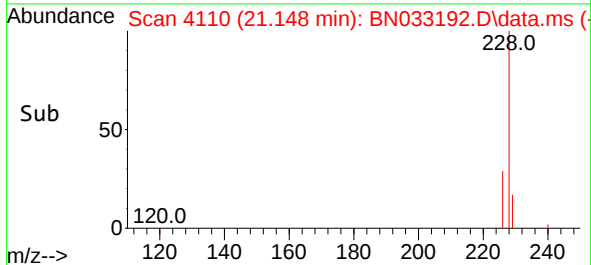
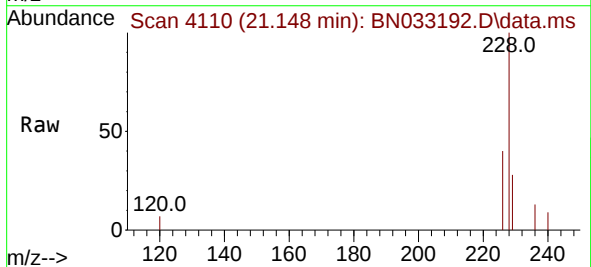
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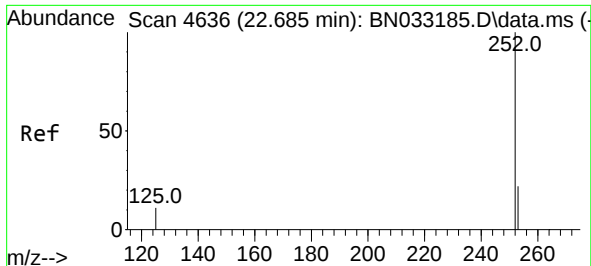
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.922 ng/ul m
RT: 21.148 min Scan# 4110
Delta R.T. -0.041 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

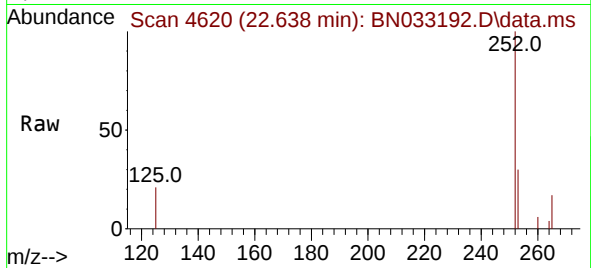
Tgt Ion:228 Resp: 46327
Ion Ratio Lower Upper
228 100
226 39.7 24.7 37.1#
229 28.1 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 0.931 ng/ul m
RT: 22.638 min Scan# 4632
Delta R.T. -0.044 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

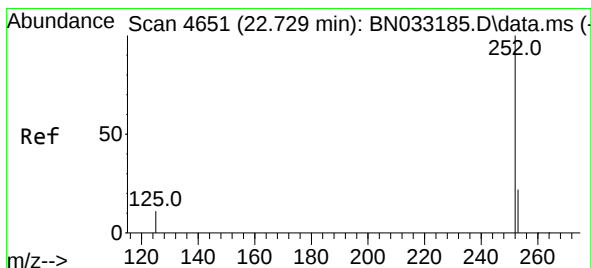
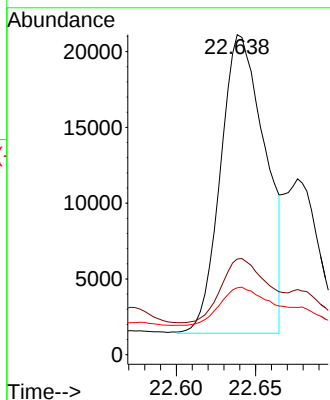
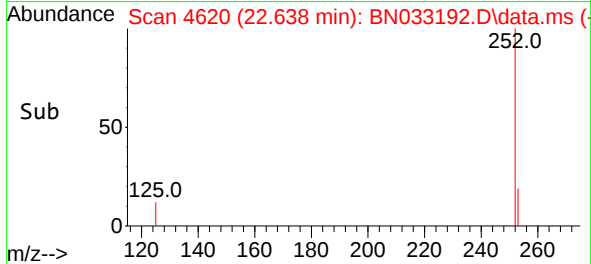
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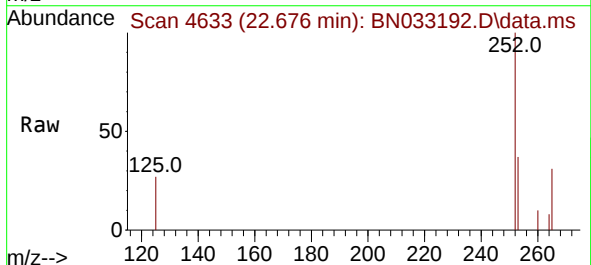
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Ion Ratio Lower Upper
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253 29.9 0.0 60.6
125 20.9 0.0 51.0

Manual Integrations
APPROVED

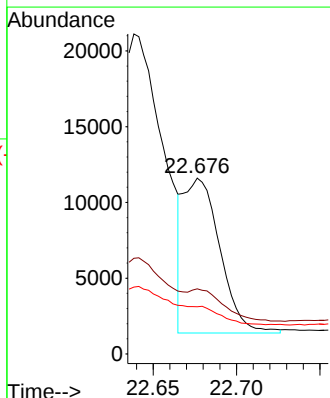
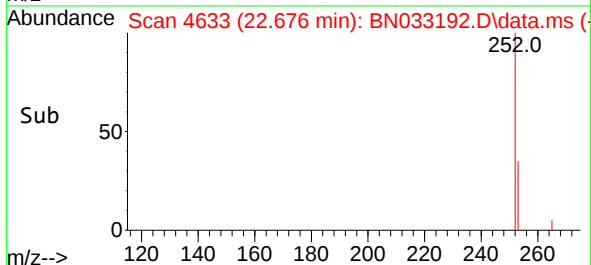
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

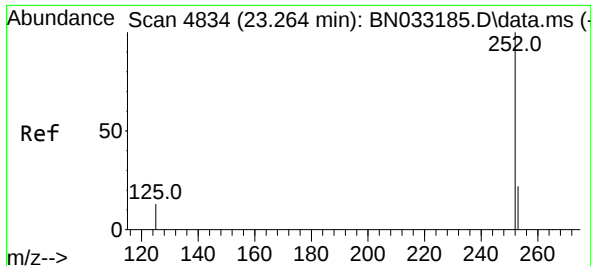


#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul m
RT: 22.676 min Scan# 4633
Delta R.T. -0.050 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57



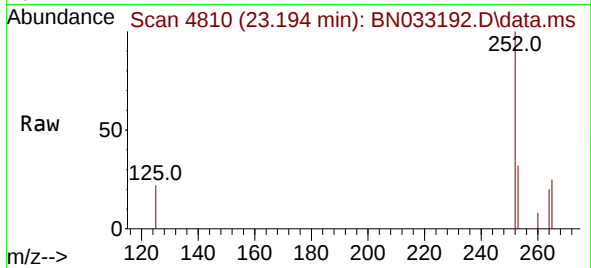
Tgt Ion:252 Resp: 15611
Ion Ratio Lower Upper
252 100
253 37.0 24.9 37.3
125 26.9 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.734 ng/ul m
RT: 23.194 min Scan# 4834
Delta R.T. -0.055 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

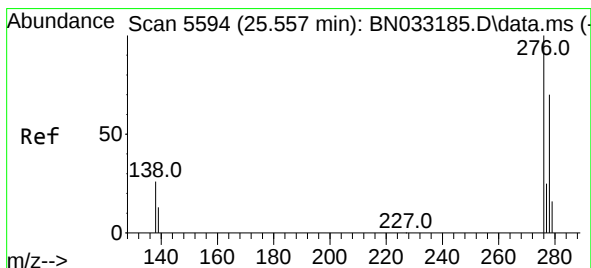
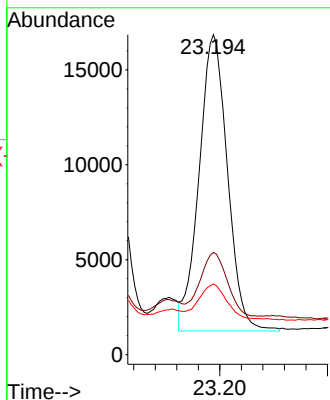
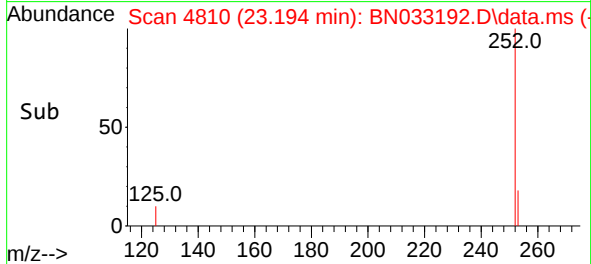
Instrument :
BNA_N
ClientSampleId :
C0AY7



Tgt Ion:252 Resp: 28590
Ion Ratio Lower Upper
252 100
253 31.9 27.5 41.3
125 22.1 27.0 40.6

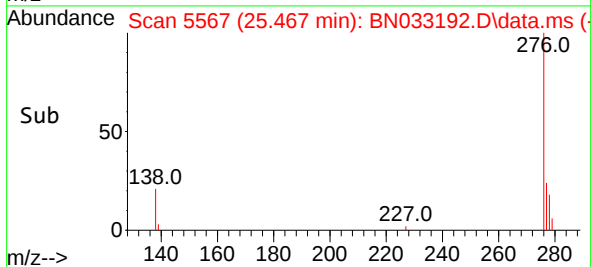
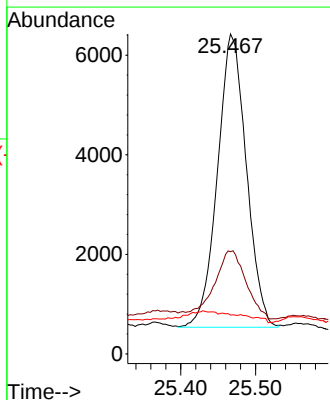
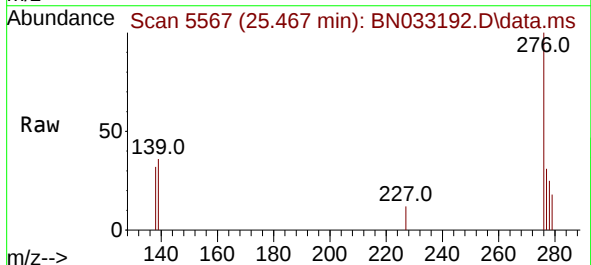
Manual Integrations
APPROVED

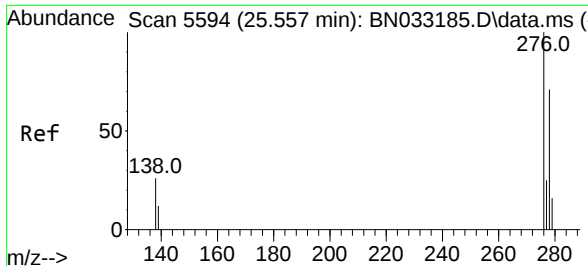
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul m
RT: 25.467 min Scan# 5567
Delta R.T. -0.074 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

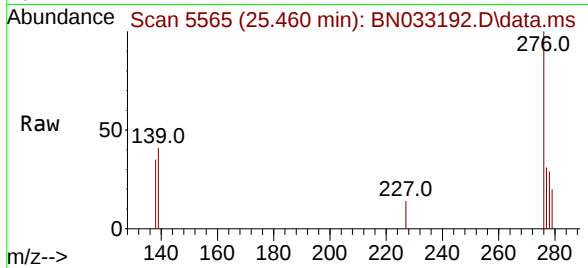
Tgt Ion:276 Resp: 15797
Ion Ratio Lower Upper
276 100
138 2.4 21.8 32.8#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul m
RT: 25.460 min Scan# 5565
Delta R.T. -0.080 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57

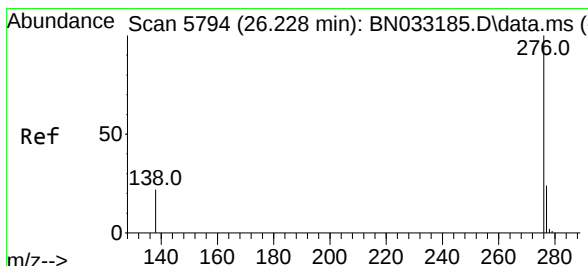
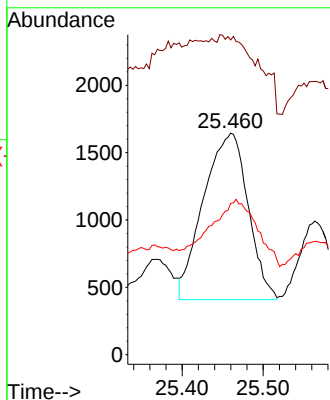
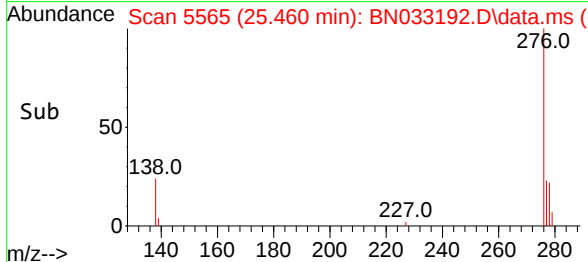
Instrument :
BNA_N
ClientSampleId :
C0AY7



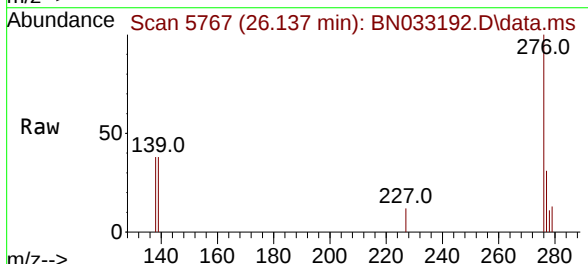
Tgt Ion:278 Resp: 4715
Ion Ratio Lower Upper
278 100
139 142.1 22.5 33.7
279 68.3 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul m
RT: 26.137 min Scan# 5767
Delta R.T. -0.080 min
Lab File: BN033192.D
Acq: 02 Aug 2024 06:57



Tgt Ion:276 Resp: 15091
Ion Ratio Lower Upper
276 100
138 37.5 24.6 37.0
277 31.2 22.6 34.0

