

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033160.D
 Acq On : 01 Aug 2024 09:31
 Operator : MA/JU
 Sample : P3378-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B10

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 01 10:54:42 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	7.478	152	3248m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.234	136	10417	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.120	164	6623	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.890	188	15903m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.122	240	12015m	0.400	ng/ul	-0.03
23) Perylene-d12	23.302	264	9543m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	16100	3.919	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.846	152	4288	0.252	ng/ul	-0.08
18) Fluoranthene-d10	18.935	212	12357	0.363	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.284	128	35201	1.316	ng/ul#	93
7) 2-Methylnaphthalene	11.923	142	1606	0.089	ng/ul	99
8) 1-Methylnaphthalene	12.132	142	80369	4.101	ng/ul	99
10) Acenaphthylene	13.838	152	22817	0.842	ng/ul#	96
11) Acenaphthene	14.180	153	992475	48.679	ng/ul	98
12) Fluorene	15.184	166	477973	20.114	ng/ul	98
15) Phenanthrene	16.928	178	41022m	0.962	ng/ul	
16) Anthracene	17.021	178	55594m	1.450	ng/ul	
19) Fluoranthene	18.967	202	272743	6.894	ng/ul	95
20) Pyrene	19.330	202	231236	5.451	ng/ul	98
21) Benzo(a)anthracene	21.104	228	10754	0.262	ng/ul	95
22) Chrysene	21.157	228	7360m	0.154	ng/ul	
24) Benzo(b)fluoranthene	22.653	252	4282m	0.154	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	1766m	0.053	ng/ul	
26) Benzo(a)pyrene	23.200	252	2466	0.094	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.517	276	1258	0.032	ng/ul#	94
29) Benzo(g,h,i)perylene	26.188	276	1146	0.036	ng/ul#	42

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

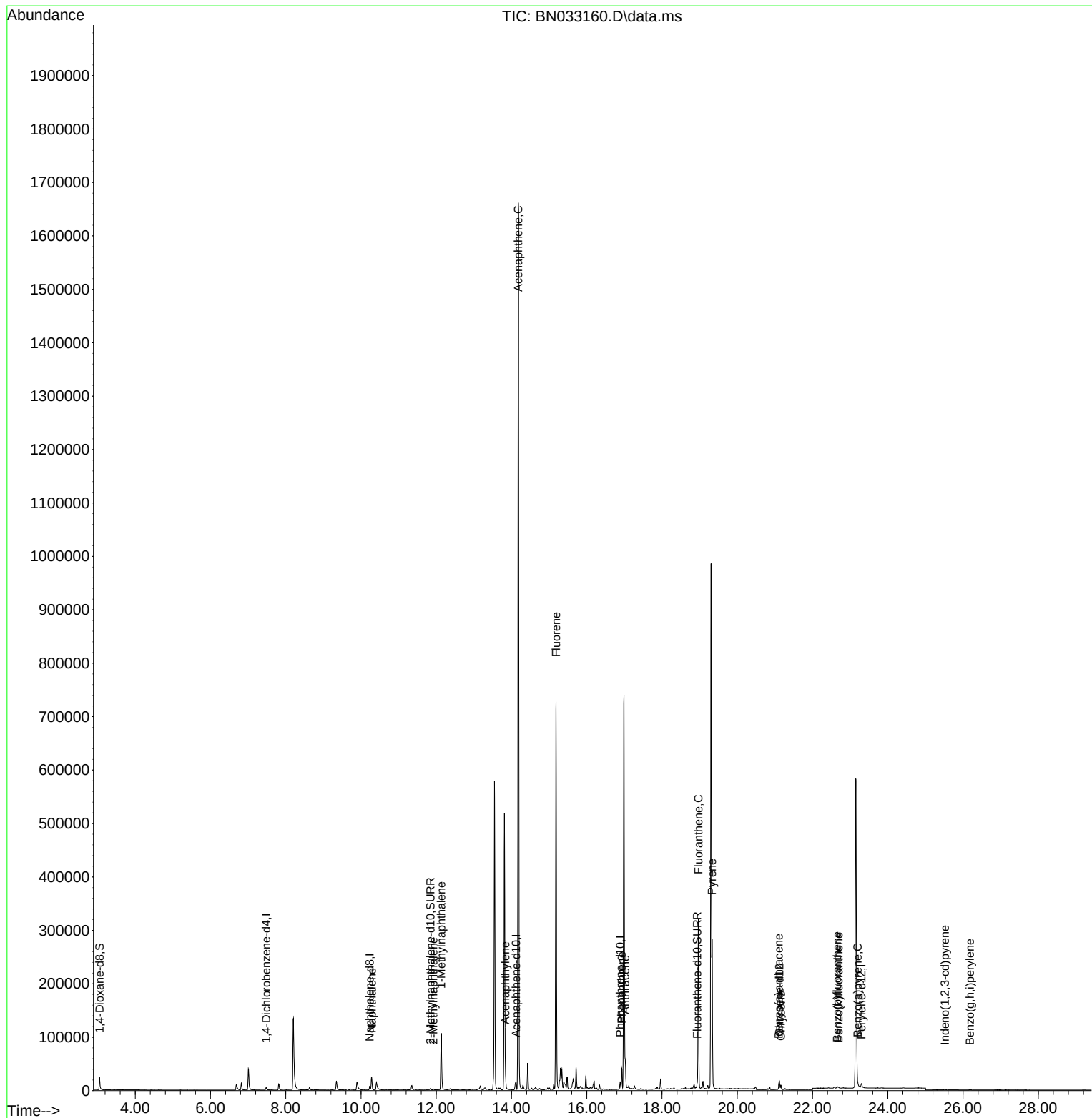
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033160.D
Acq On : 01 Aug 2024 09:31
Operator : MA/JU
Sample : P3378-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

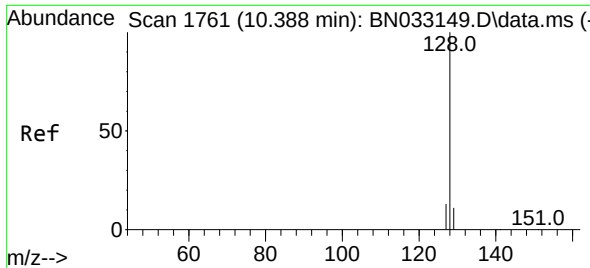
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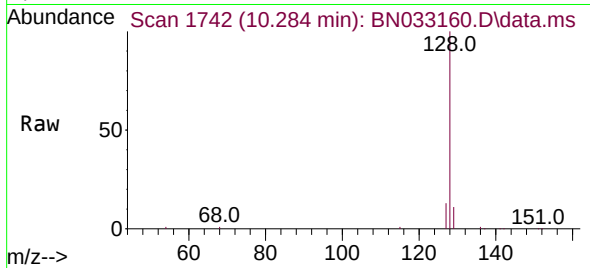
Quant Time: Aug 01 10:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.316 ng/ul
RT: 10.284 min Scan# 1761
Delta R.T. -0.093 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

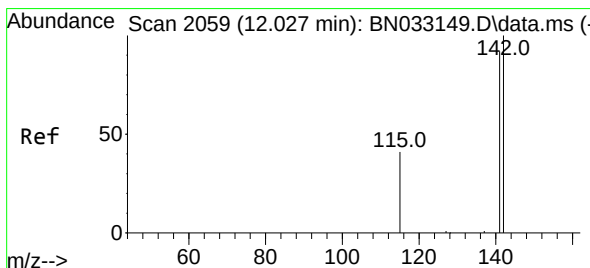
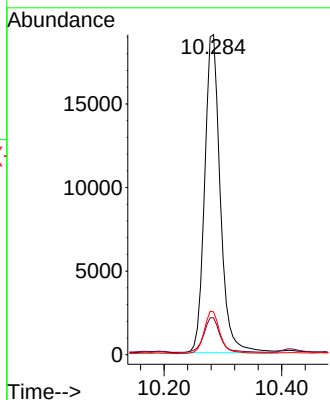
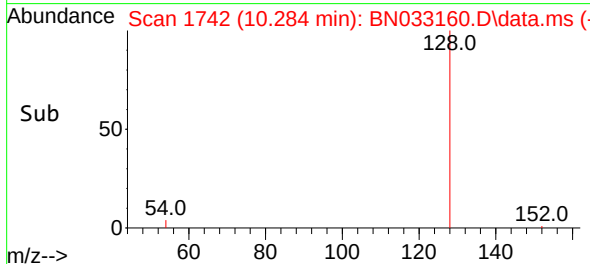
Instrument :
BNA_N
ClientSampleId :
C0B10



Tgt Ion:128 Resp: 3520
Ion Ratio Lower Upper
128 100
129 11.5 12.0 18.0
127 13.4 12.7 19.1

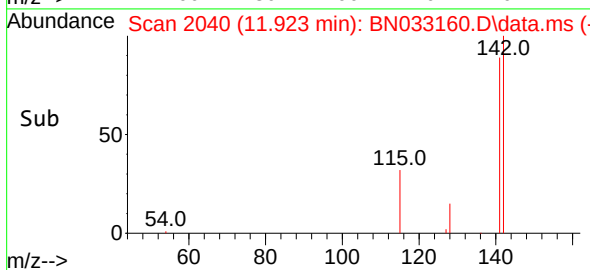
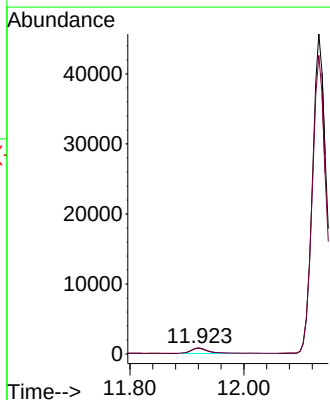
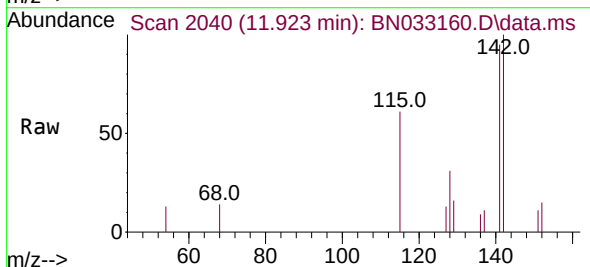
Manual Integrations
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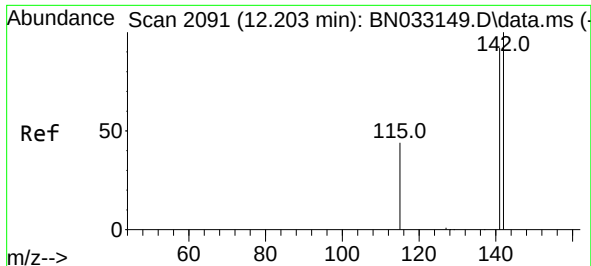
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.082 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

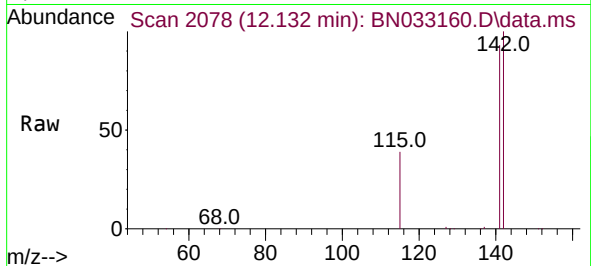
Tgt Ion:142 Resp: 1606
Ion Ratio Lower Upper
142 100
141 93.3 75.2 112.8





#8
1-Methylnaphthalene
Concen: 4.101 ng/ul
RT: 12.132 min Scan# 2091
Delta R.T. -0.066 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

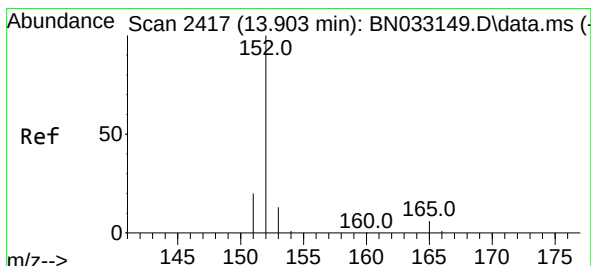
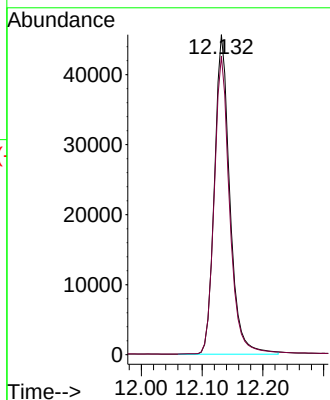
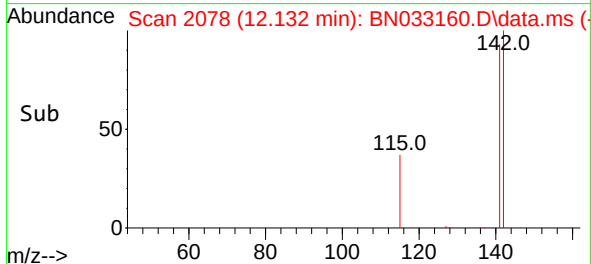
Instrument :
BNA_N
ClientSampleId :
C0B10



Tgt Ion:142 Resp: 80369
Ion Ratio Lower Upper
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141 93.5 74.3 111.5

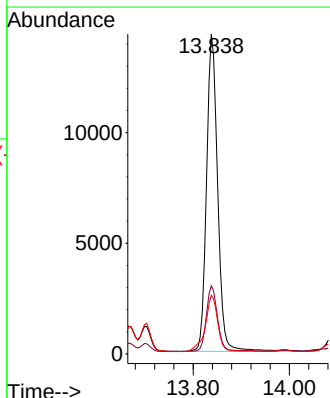
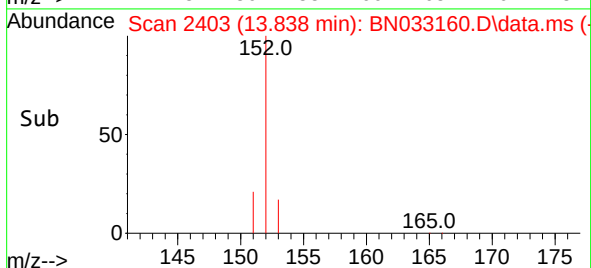
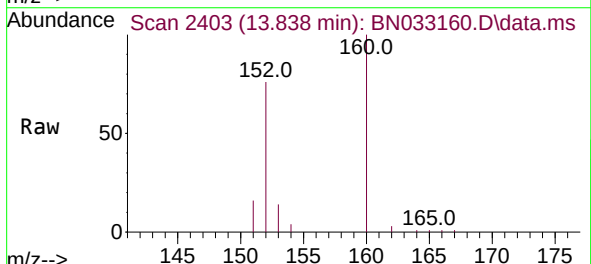
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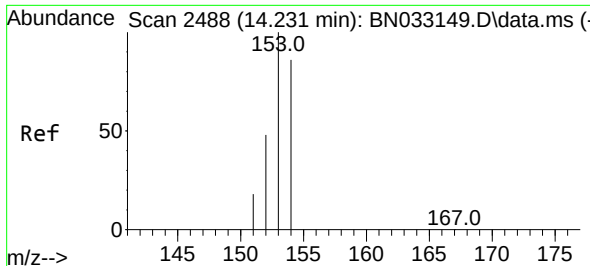
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.842 ng/ul
RT: 13.838 min Scan# 2403
Delta R.T. -0.060 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

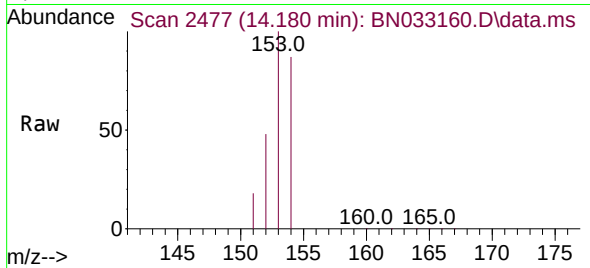
Tgt Ion:152 Resp: 22817
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 18.4 11.9 17.9#





#11
Acenaphthene
Concen: 48.679 ng/ul
RT: 14.180 min Scan# 2488
Delta R.T. -0.046 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

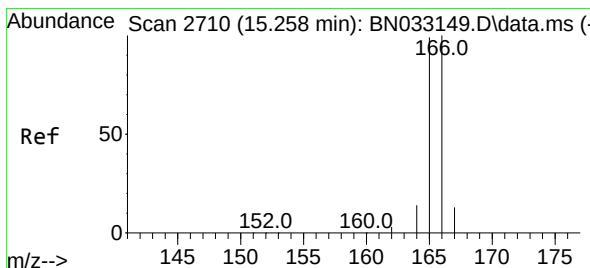
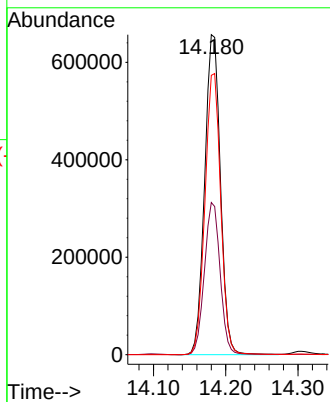
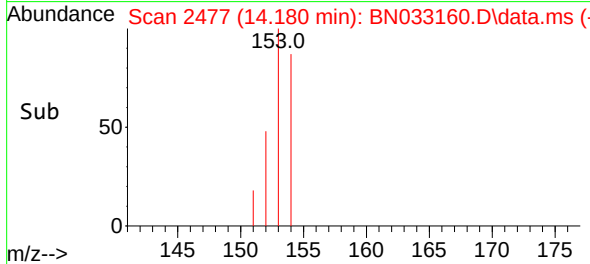
Instrument :
BNA_N
ClientSampleId :
C0B10



Tgt Ion:153 Resp: 992475
Ion Ratio Lower Upper
153 100
152 47.5 40.0 60.0
154 87.3 70.1 105.1

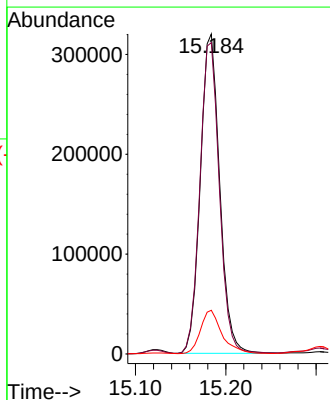
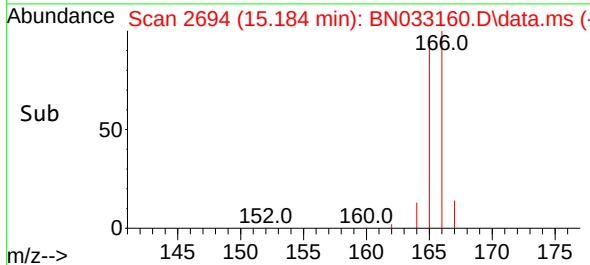
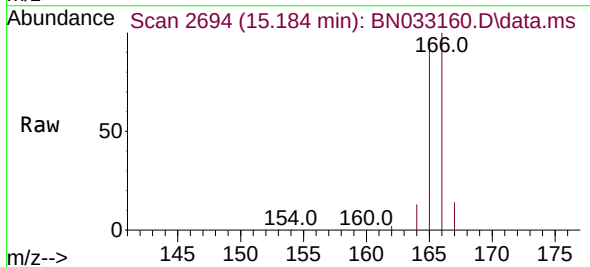
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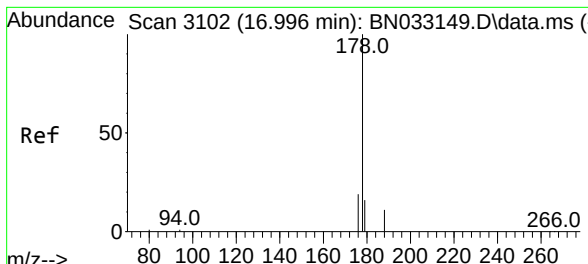
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 20.114 ng/ul
RT: 15.184 min Scan# 2694
Delta R.T. -0.065 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

Tgt Ion:166 Resp: 477973
Ion Ratio Lower Upper
166 100
165 97.3 79.6 119.4
167 13.6 12.2 18.4



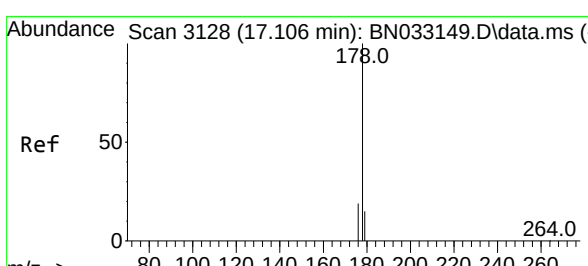
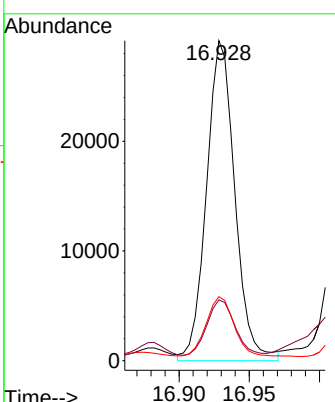
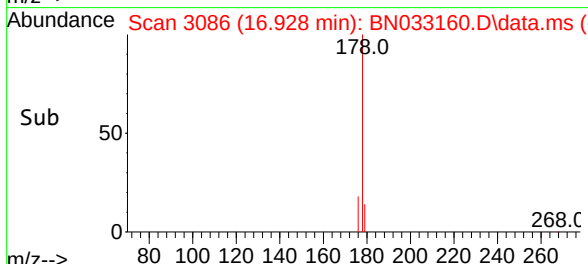
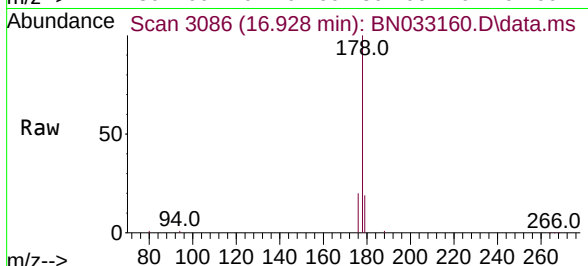


#15
 Phenanthrene
 Concen: 0.962 ng/ul m
 RT: 16.928 min Scan# 3102
 Delta R.T. -0.055 min
 Lab File: BN033160.D
 Acq: 01 Aug 2024 09:31

Instrument : BNA_N
 ClientSampleId : C0B10

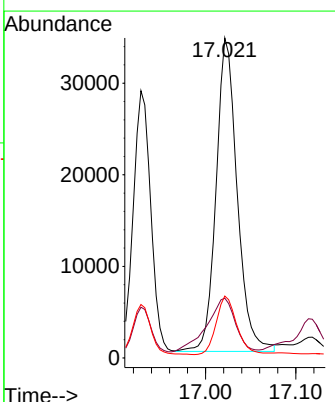
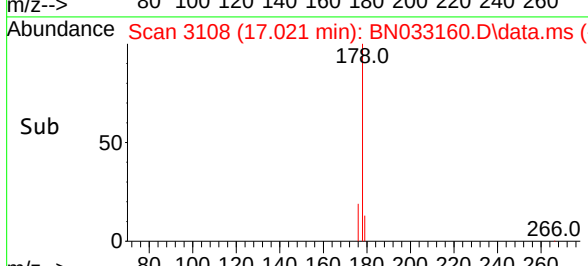
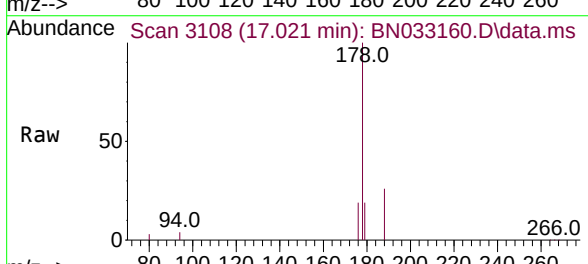
Tgt Ion:	178	Resp:	4102
Ion Ratio	Lower	Upper	
178	100		
179	19.0	13.7	20.5
176	20.0	15.9	23.9

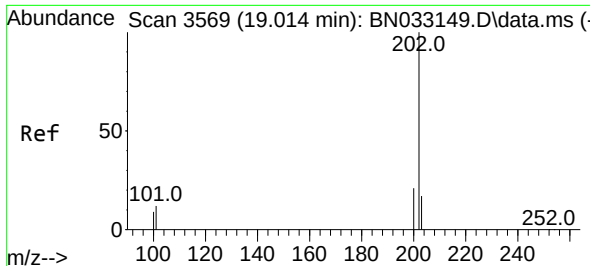
Manual Integrations
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 Supervised By :mohammad ahmed 08/13/2024



#16
 Anthracene
 Concen: 1.450 ng/ul m
 RT: 17.021 min Scan# 3108
 Delta R.T. -0.067 min
 Lab File: BN033160.D
 Acq: 01 Aug 2024 09:31

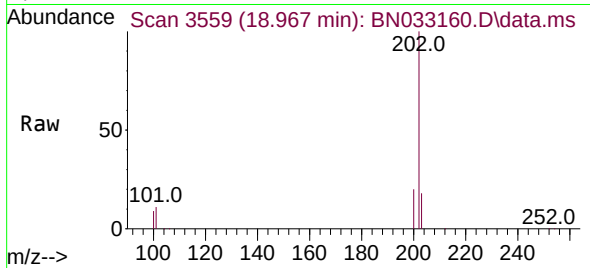
Tgt Ion:	178	Resp:	55594
Ion Ratio	Lower	Upper	
178	100		
179	18.7	14.3	21.5
176	19.4	15.8	23.8





#19
Fluoranthene
Concen: 6.894 ng/u1
RT: 18.967 min Scan# 3569
Delta R.T. -0.037 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

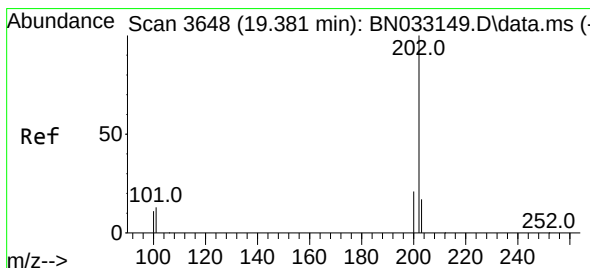
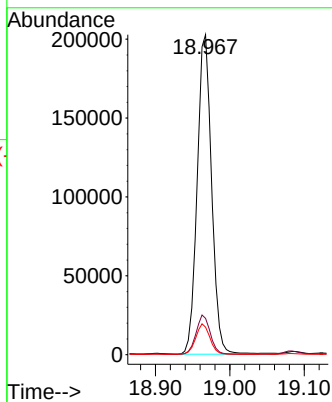
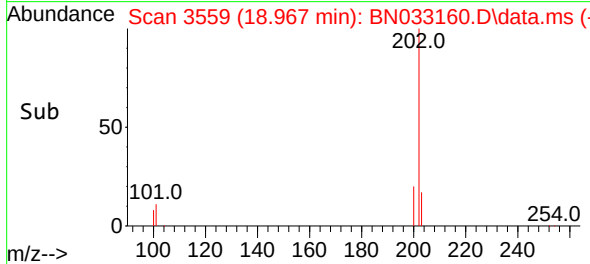
Instrument :
BNA_N
ClientSampleId :
C0B10



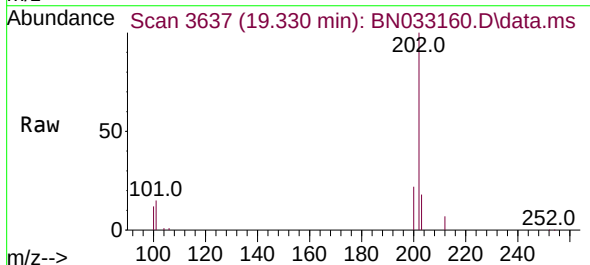
Tgt Ion:202 Resp: 27274
Ion Ratio Lower Upper
202 100
101 11.4 10.7 16.1
100 8.6 8.3 12.5

Manual Integrations
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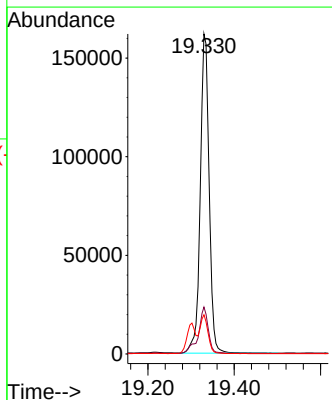
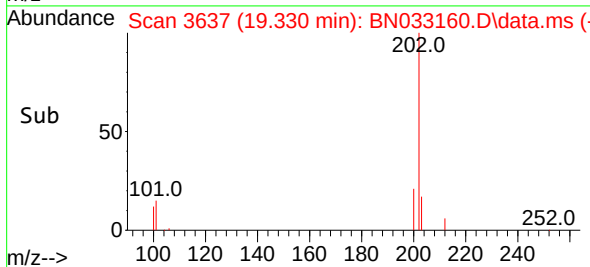
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

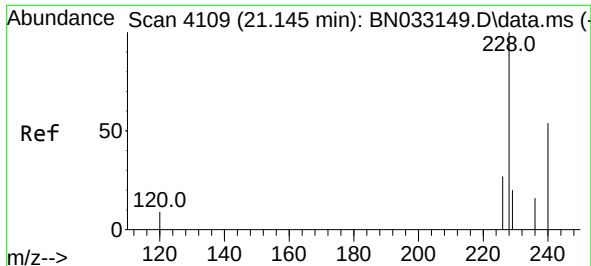


#20
Pyrene
Concen: 5.451 ng/u1
RT: 19.330 min Scan# 3637
Delta R.T. -0.042 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31



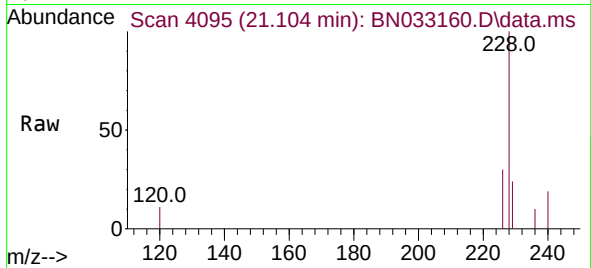
Tgt Ion:202 Resp: 231236
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.2 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.262 ng/ul
RT: 21.104 min Scan# 4109
Delta R.T. -0.032 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

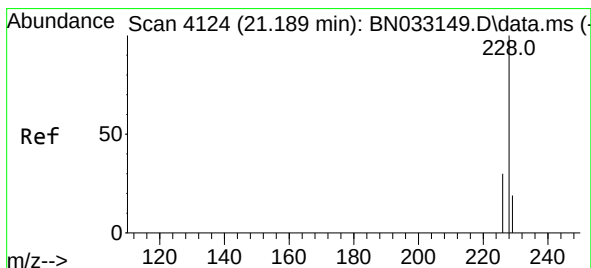
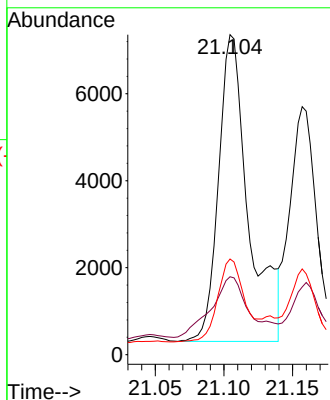
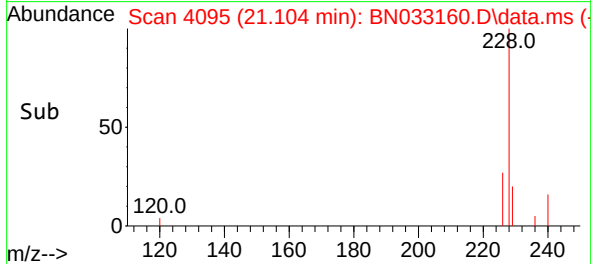
Instrument :
BNA_N
ClientSampleId :
C0B10



Tgt Ion:228 Resp: 10754
Ion Ratio Lower Upper
228 100
229 24.3 17.1 25.7
226 29.9 22.4 33.6

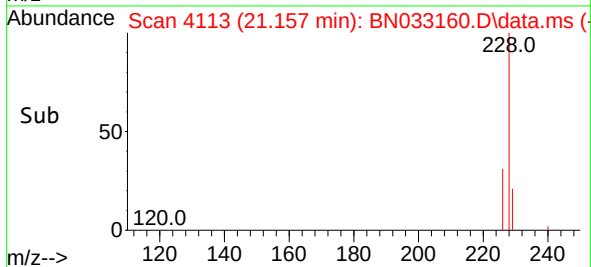
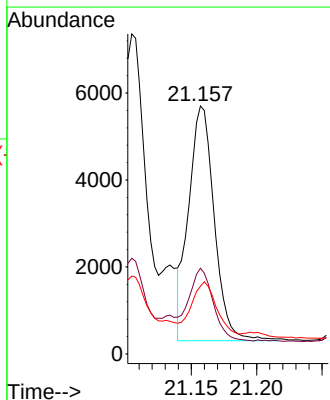
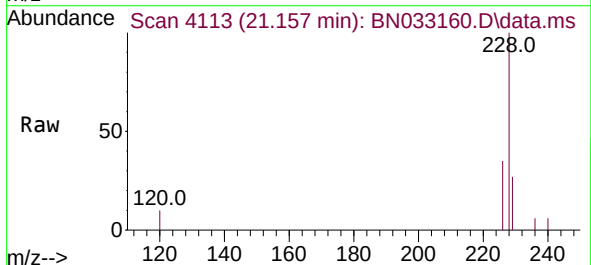
Manual Integrations
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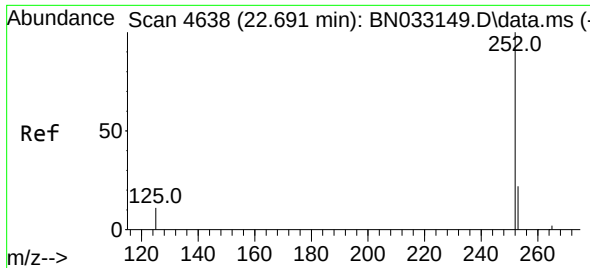
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 0.154 ng/ul m
RT: 21.157 min Scan# 4113
Delta R.T. -0.032 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

Tgt Ion:228 Resp: 7360
Ion Ratio Lower Upper
228 100
226 34.6 24.7 37.1
229 27.3 17.0 25.6#





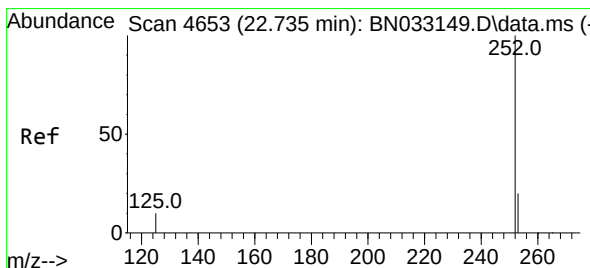
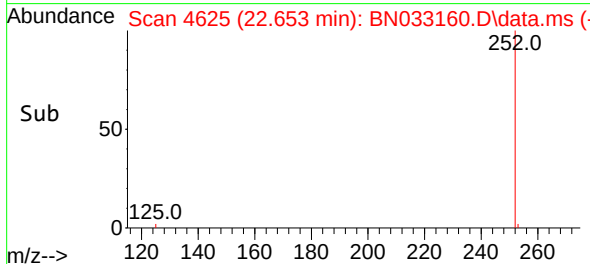
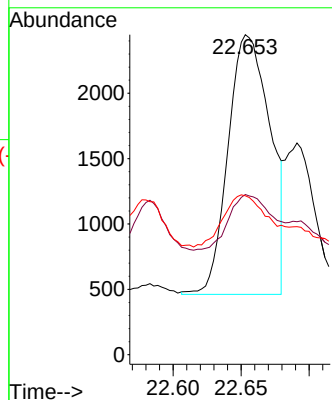
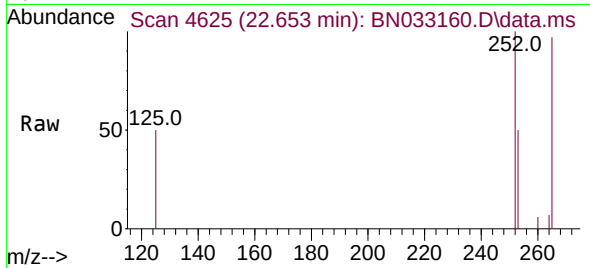
#24
Benzo(b)fluoranthene
Concen: 0.154 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.029 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

Instrument :
BNA_N
ClientSampleId :
C0B10

Tgt Ion:252 Resp: 428
Ion Ratio Lower Upper
252 100
253 50.0 0.0 60.6
125 49.7 0.0 51.0

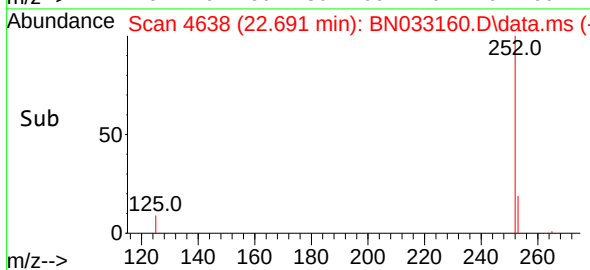
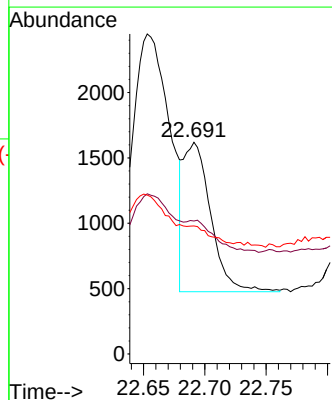
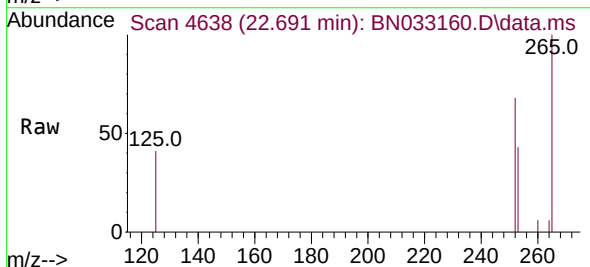
Manual Integrations
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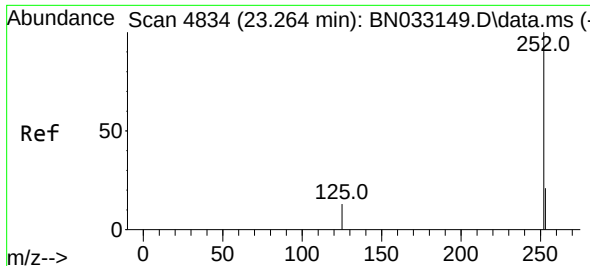
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.691 min Scan# 4638
Delta R.T. -0.035 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

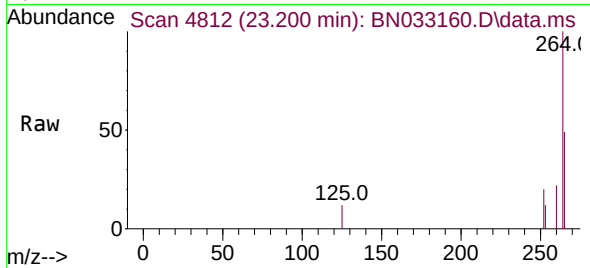
Tgt Ion:252 Resp: 1766
Ion Ratio Lower Upper
252 100
253 62.9 24.9 37.3#
125 60.5 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.094 ng/u1
RT: 23.200 min Scan# 4812
Delta R.T. -0.050 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

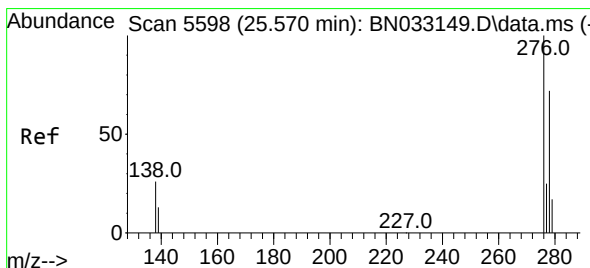
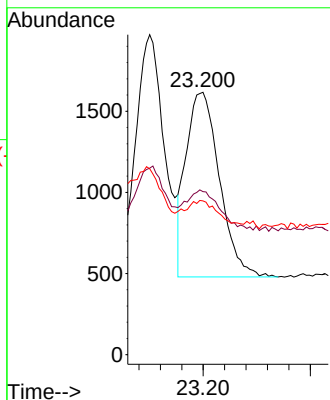
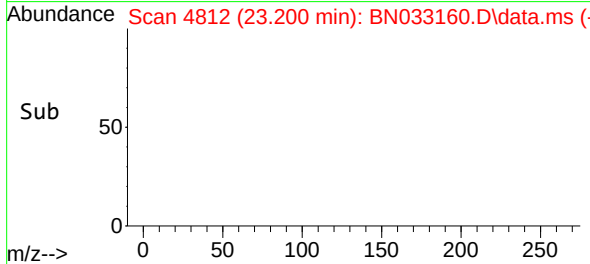
Instrument :
BNA_N
ClientSampleId :
C0B10



Tgt Ion:252 Resp: 2460
Ion Ratio Lower Upper
252 100
253 62.2 27.5 41.3
125 58.6 27.0 40.6

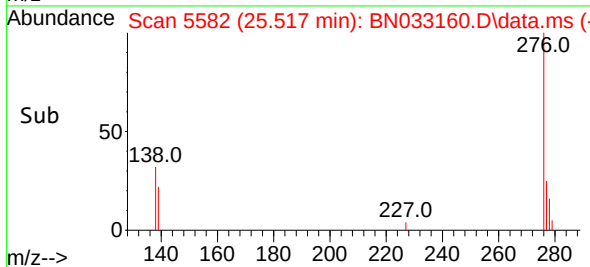
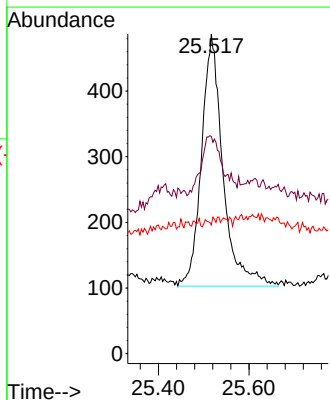
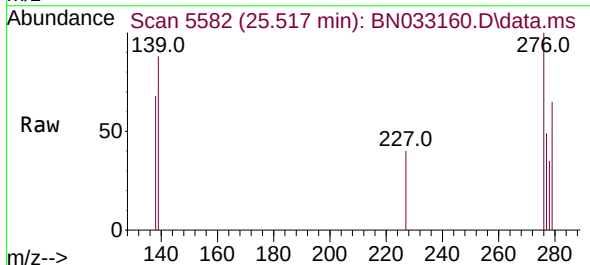
Manual Integrations
APPROVED

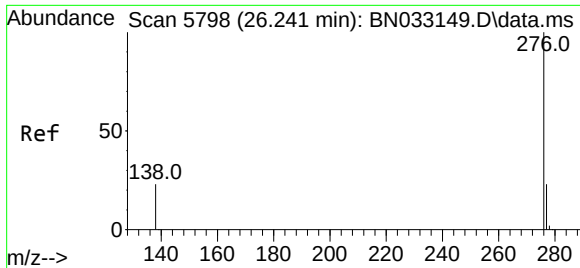
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng/u1
RT: 25.517 min Scan# 5582
Delta R.T. -0.023 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

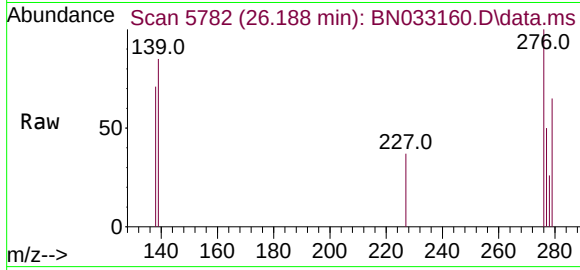
Tgt Ion:276 Resp: 1258
Ion Ratio Lower Upper
276 100
138 30.5 21.8 32.8
227 0.4 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.188 min Scan# 51
Delta R.T. -0.030 min
Lab File: BN033160.D
Acq: 01 Aug 2024 09:31

Instrument :
BNA_N
ClientSampleId :
C0B10



Tgt Ion:276 Resp: 1140
Ion Ratio Lower Upper
276 100
138 70.7 24.6 37.0
277 50.1 22.6 34.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

