

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033152.D
 Acq On : 01 Aug 2024 04:42
 Operator : MA/JU
 Sample : P3265-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D41

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 07:31:56 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	7.495	152	3341	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.245	136	11343	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.129	164	6726	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.890	188	15771m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.113	240	13065m	0.400	ng/ul	-0.04
23) Perylene-d12	23.293	264	12443m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	9948	2.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.873	152	2592	0.140	ng/ul	-0.05
18) Fluoranthene-d10	18.935	212	8129m	0.220	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.295	128	11937	0.410	ng/ul	95
7) 2-Methylnaphthalene	11.950	142	4206	0.213	ng/ul	96
8) 1-Methylnaphthalene	12.165	142	3664	0.172	ng/ul	99
10) Acenaphthylene	13.847	152	19339	0.703	ng/ul	100
11) Acenaphthene	14.194	153	22604	1.092	ng/ul	99
12) Fluorene	15.193	166	27533	1.141	ng/ul	99
15) Phenanthrene	16.928	178	563497m	13.321	ng/ul	
16) Anthracene	17.025	178	114927m	3.022	ng/ul	
19) Fluoranthene	18.963	202	1065243m	24.763	ng/ul	
20) Pyrene	19.330	202	821737m	17.813	ng/ul	
21) Benzo(a)anthracene	21.099	228	450965m	10.119	ng/ul	
22) Chrysene	21.151	228	469667m	9.031	ng/ul	
24) Benzo(b)fluoranthene	22.641	252	580503m	15.970	ng/ul	
25) Benzo(k)fluoranthene	22.679	252	204001m	4.683	ng/ul	
26) Benzo(a)pyrene	23.194	252	264577m	7.734	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.473	276	214630m	4.126	ng/ul	
28) Dibenzo(a,h)anthracene	25.467	278	61356m	1.488	ng/ul	
29) Benzo(g,h,i)perylene	26.151	276	33316m	0.806	ng/ul	

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

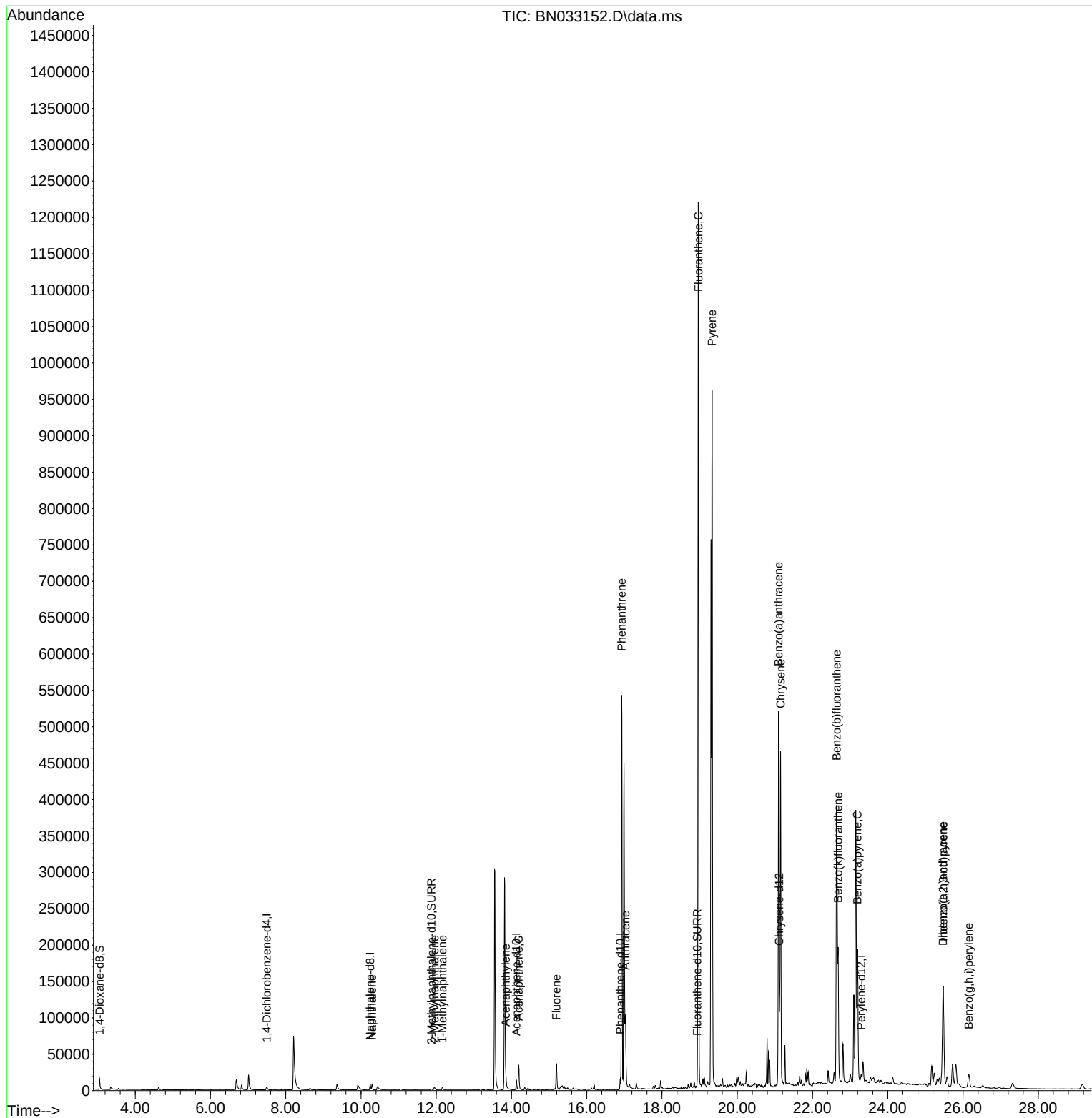
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033152.D
Acq On : 01 Aug 2024 04:42
Operator : MA/JU
Sample : P3265-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

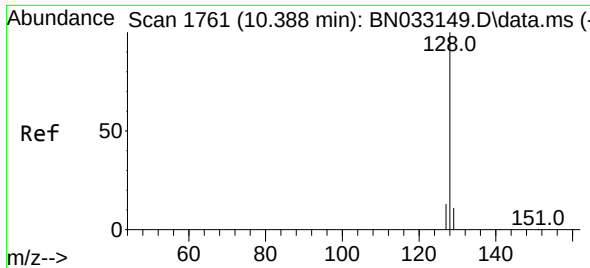
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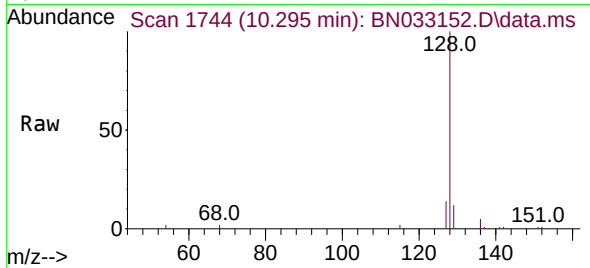
Quant Time: Aug 01 07:31:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.295 min Scan# 1193
Delta R.T. -0.082 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

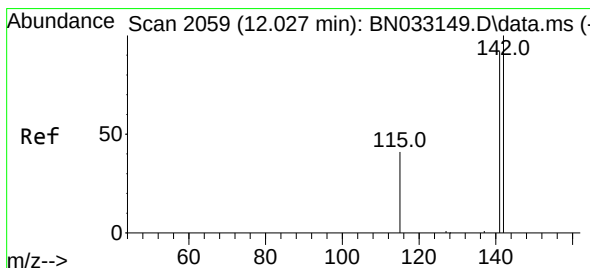
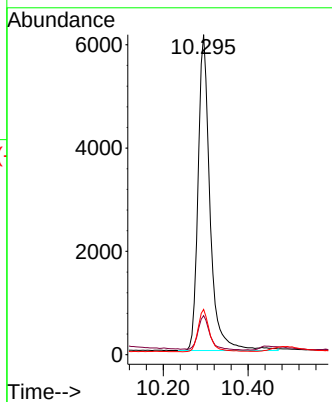
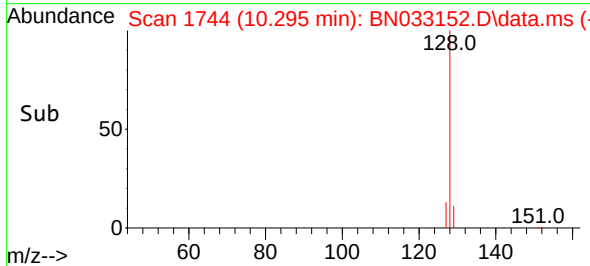
Instrument :
BNA_N
ClientSampleId :
A4D41



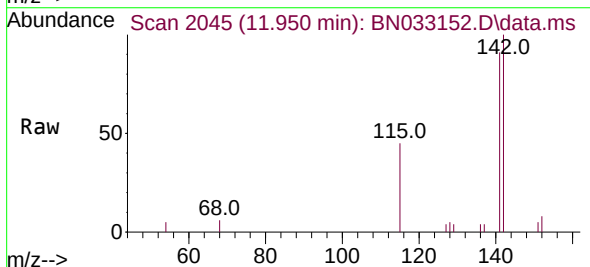
Tgt Ion:128 Resp: 1193
Ion Ratio Lower Upper
128 100
129 12.2 12.0 18.0
127 14.2 12.7 19.1

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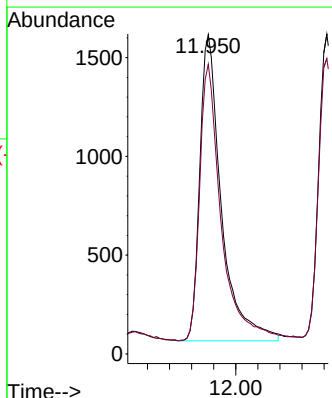
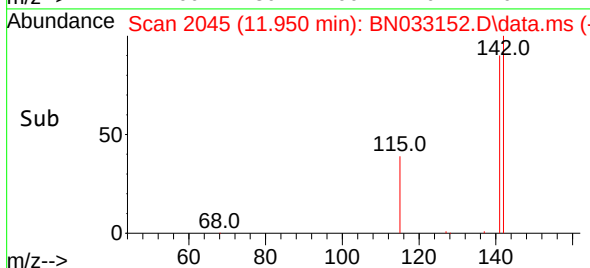
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

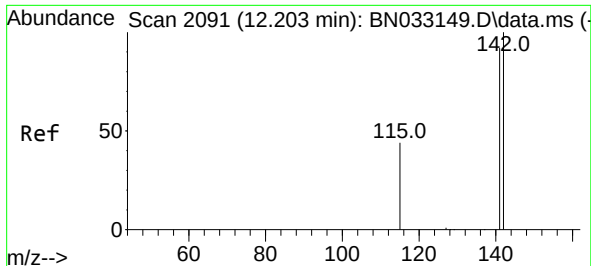


#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 11.950 min Scan# 2045
Delta R.T. -0.055 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42



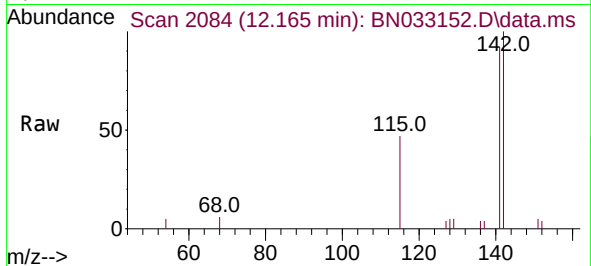
Tgt Ion:142 Resp: 4206
Ion Ratio Lower Upper
142 100
141 89.7 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.165 min Scan# 2091
Delta R.T. -0.033 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

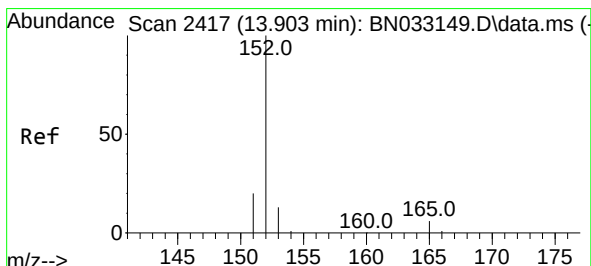
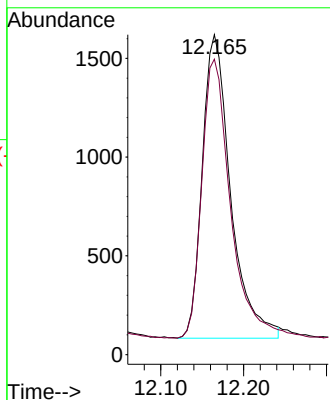
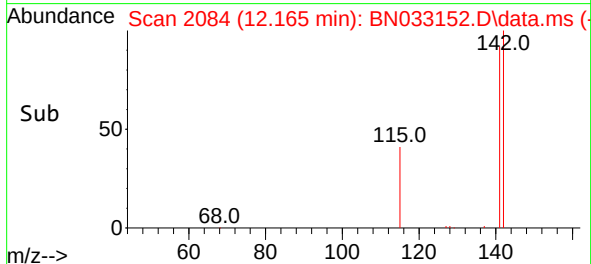
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3664
Ion Ratio Lower Upper
142 100
141 92.1 74.3 111.5

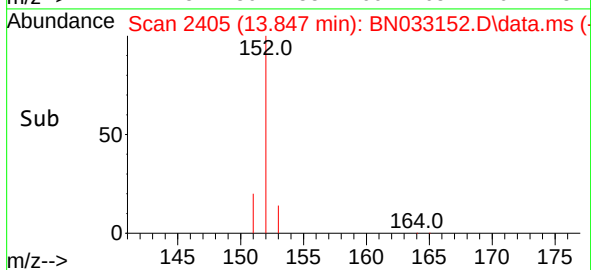
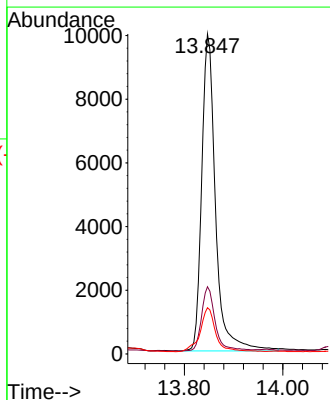
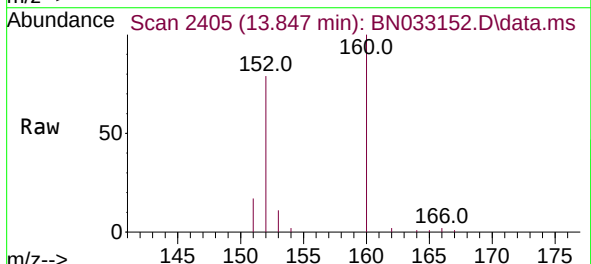
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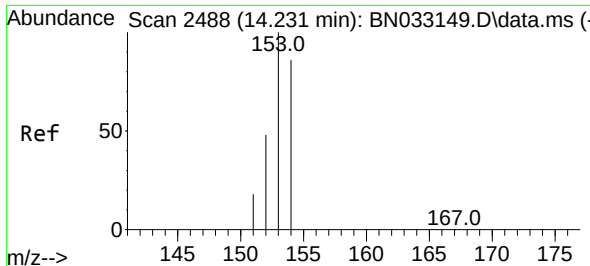
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.703 ng/ul
RT: 13.847 min Scan# 2405
Delta R.T. -0.051 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

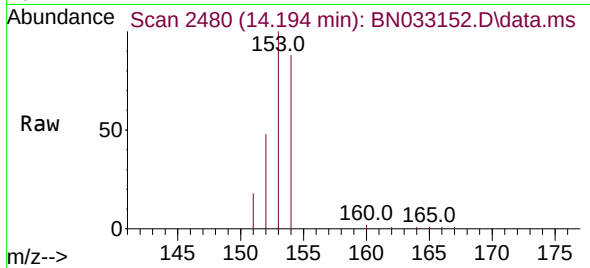
Tgt Ion:152 Resp: 19339
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.4 11.9 17.9





#11
Acenaphthene
Concen: 1.092 ng/ul
RT: 14.194 min Scan# 2488
Delta R.T. -0.032 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

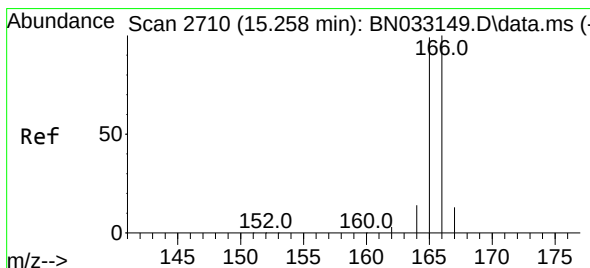
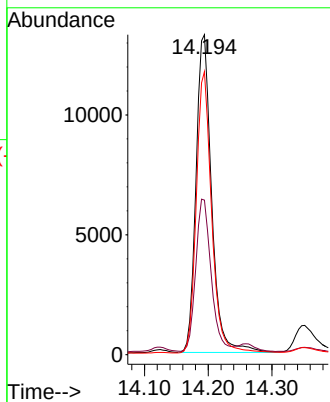
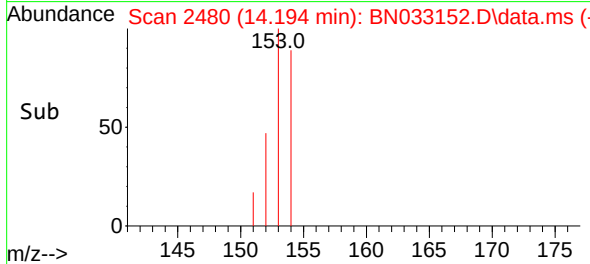
Instrument :
BNA_N
ClientSampleId :
A4D41



Tgt Ion:153 Resp: 22604
Ion Ratio Lower Upper
153 100
152 48.3 40.0 60.0
154 88.5 70.1 105.1

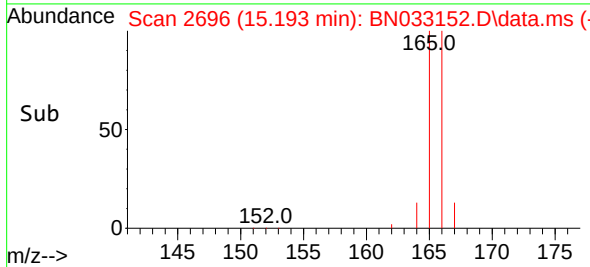
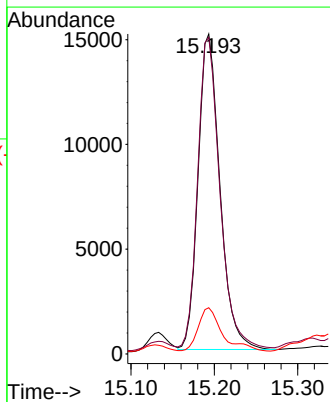
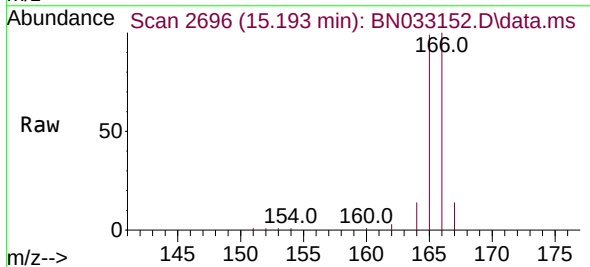
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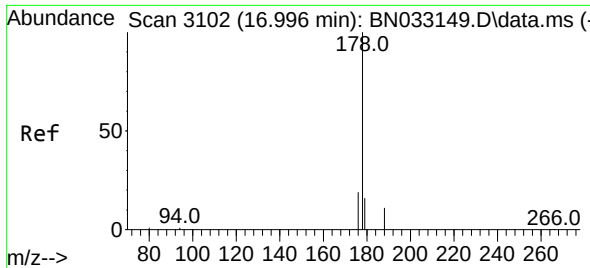
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 1.141 ng/ul
RT: 15.193 min Scan# 2696
Delta R.T. -0.055 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

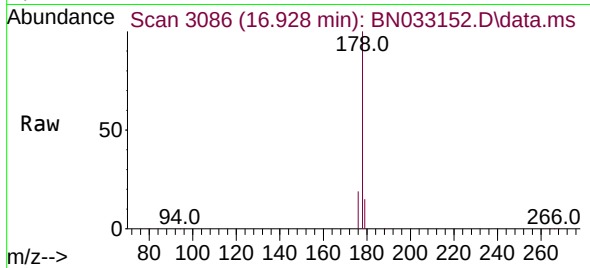
Tgt Ion:166 Resp: 27533
Ion Ratio Lower Upper
166 100
165 98.9 79.6 119.4
167 14.4 12.2 18.4





#15
 Phenanthrene
 Concen: 13.321 ng/ul m
 RT: 16.928 min Scan# 3109
 Delta R.T. -0.055 min
 Lab File: BN033152.D
 Acq: 01 Aug 2024 04:42

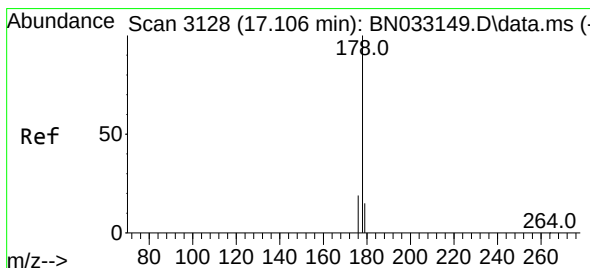
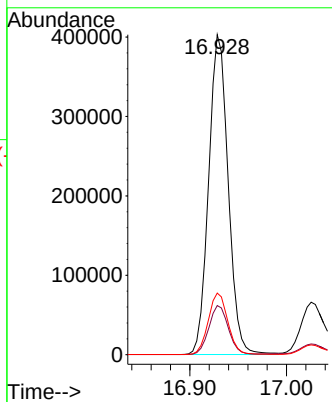
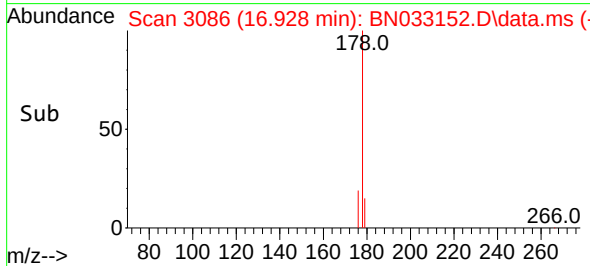
Instrument :
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 ClientSampleId :
 A4D41



Tgt Ion:178 Resp: 56349
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.7 20.5
 176 19.2 15.9 23.9

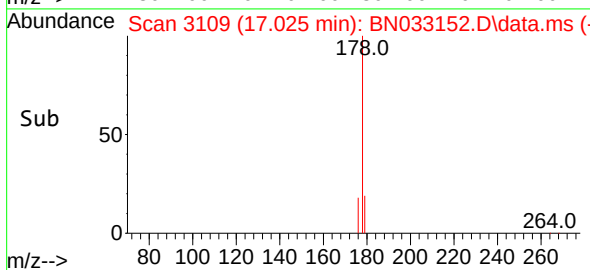
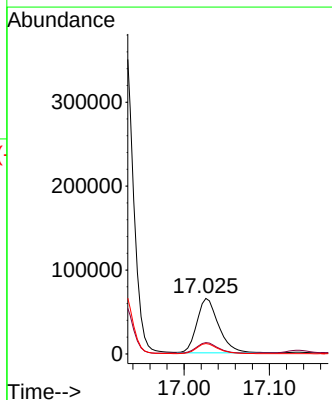
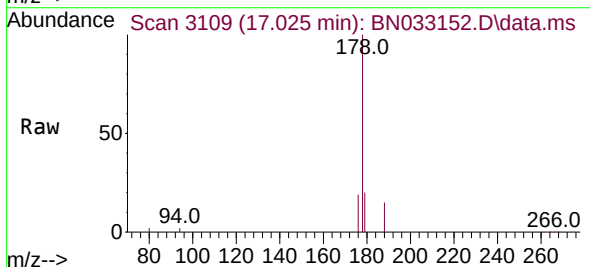
Manual Integrations
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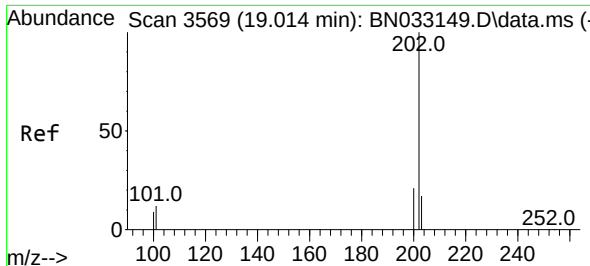
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024



#16
 Anthracene
 Concen: 3.022 ng/ul m
 RT: 17.025 min Scan# 3109
 Delta R.T. -0.063 min
 Lab File: BN033152.D
 Acq: 01 Aug 2024 04:42

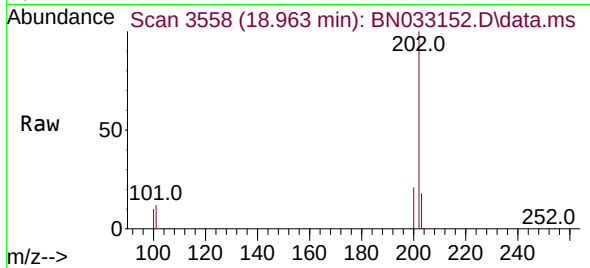
Tgt Ion:178 Resp: 114927
 Ion Ratio Lower Upper
 178 100
 179 20.5 14.3 21.5
 176 18.6 15.8 23.8





#19
Fluoranthene
Concen: 24.763 ng/ul m
RT: 18.963 min Scan# 3558
Delta R.T. -0.042 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

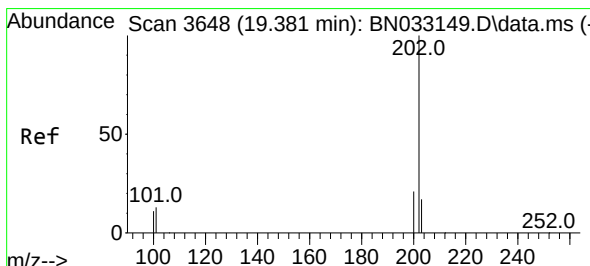
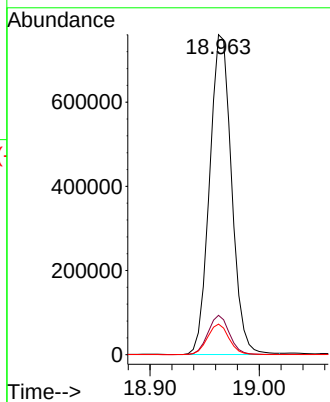
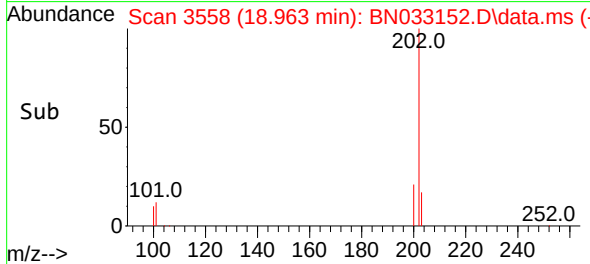
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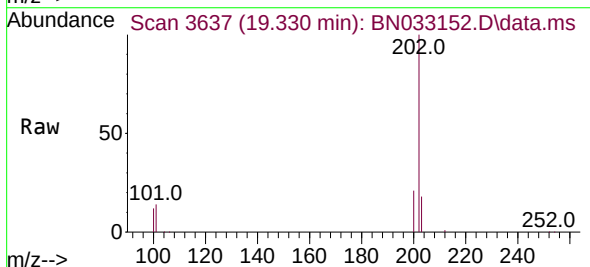
Tgt Ion:202 Resp: 106524
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.5 8.3 12.5

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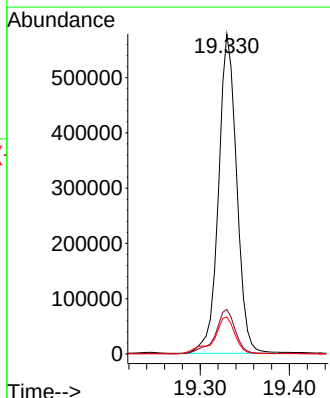
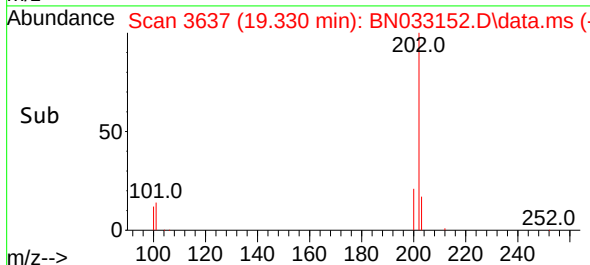
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

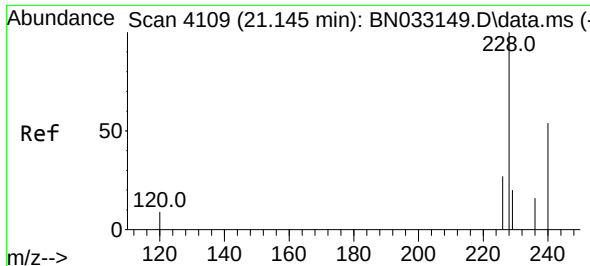


#20
Pyrene
Concen: 17.813 ng/ul m
RT: 19.330 min Scan# 3637
Delta R.T. -0.042 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42



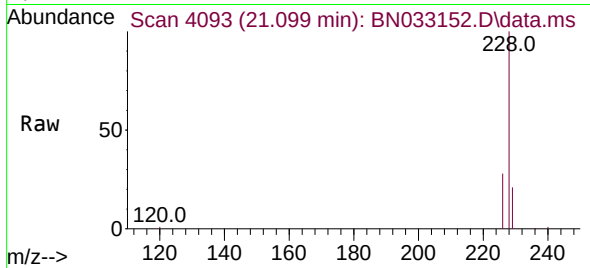
Tgt Ion:202 Resp: 821737
Ion Ratio Lower Upper
202 100
101 13.9 12.6 18.8
100 11.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 10.119 ng/ul m
RT: 21.099 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

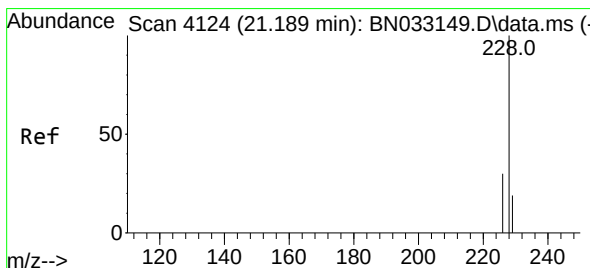
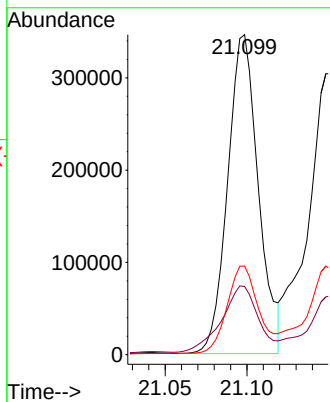
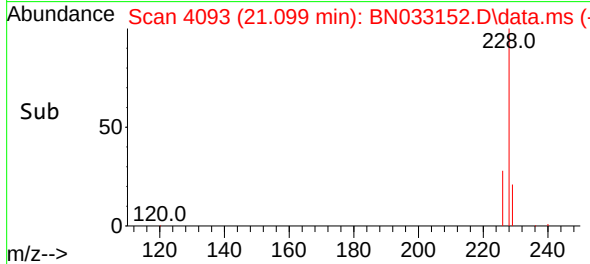
Instrument :
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Tgt Ion:228 Resp: 45096
Ion Ratio Lower Upper
228 100
229 21.3 17.1 25.7
226 27.7 22.4 33.6

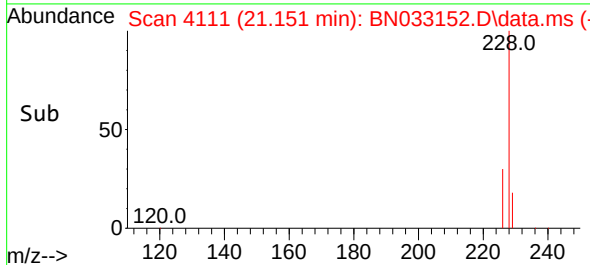
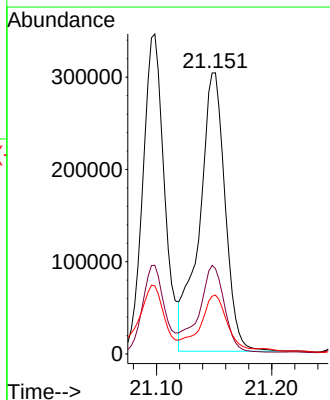
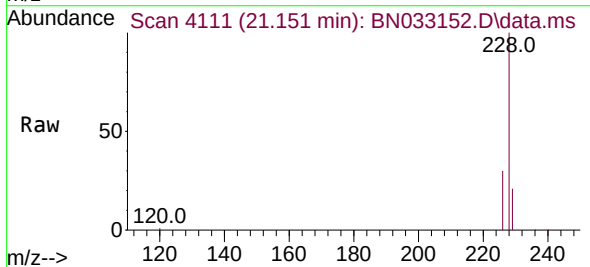
Manual Integrations
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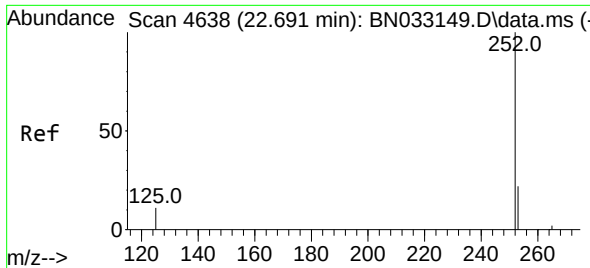
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 9.031 ng/ul m
RT: 21.151 min Scan# 4111
Delta R.T. -0.038 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

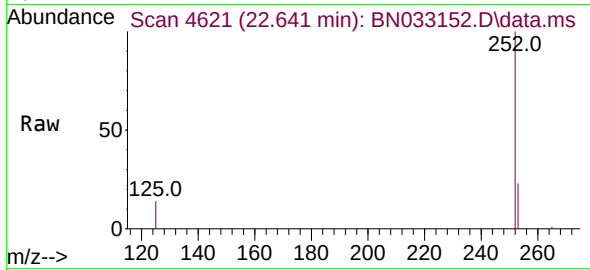
Tgt Ion:228 Resp: 469667
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 21.0 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 15.970 ng/ul m
RT: 22.641 min Scan# 4621
Delta R.T. -0.041 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

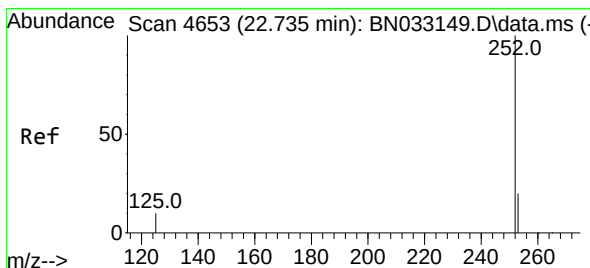
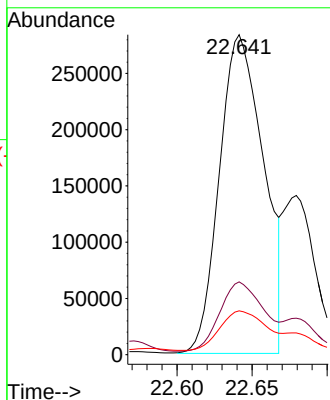
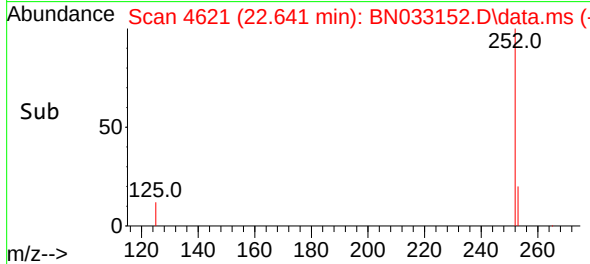
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 58050
Ion Ratio Lower Upper
252 100
253 22.8 0.0 60.6
125 13.7 0.0 51.0

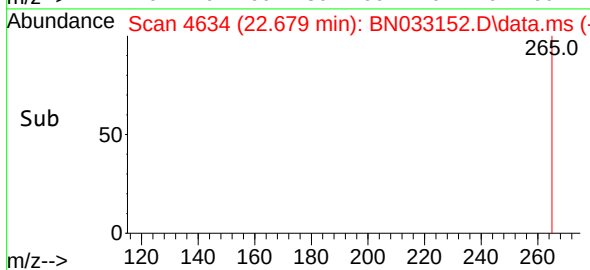
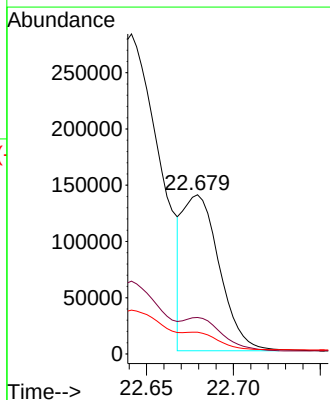
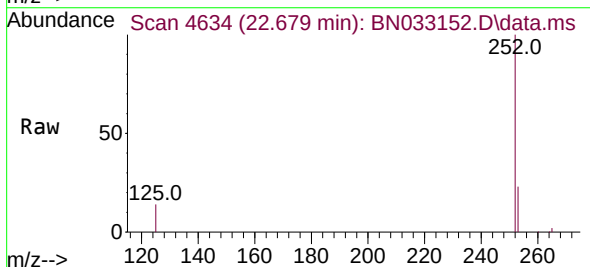
Manual Integrations
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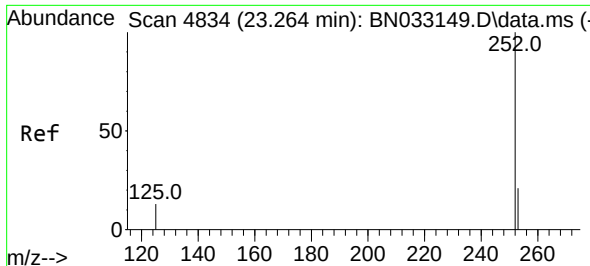
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#25
Benzo(k)fluoranthene
Concen: 4.683 ng/ul m
RT: 22.679 min Scan# 4634
Delta R.T. -0.047 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

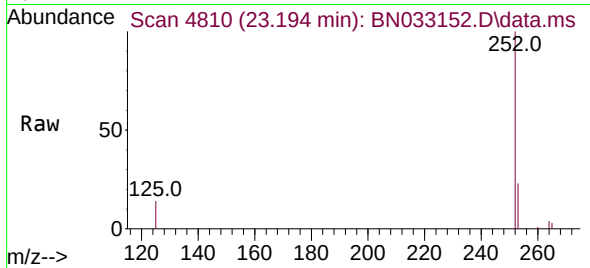
Tgt Ion:252 Resp: 204001
Ion Ratio Lower Upper
252 100
253 22.9 24.9 37.3#
125 13.6 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 7.734 ng/ul m
RT: 23.194 min Scan# 4834
Delta R.T. -0.055 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

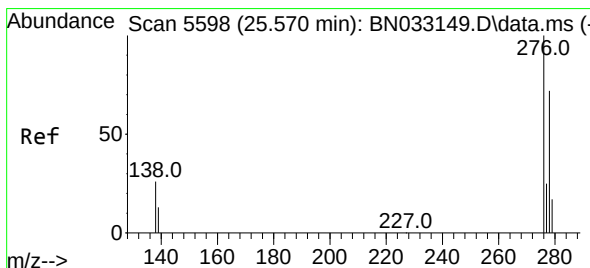
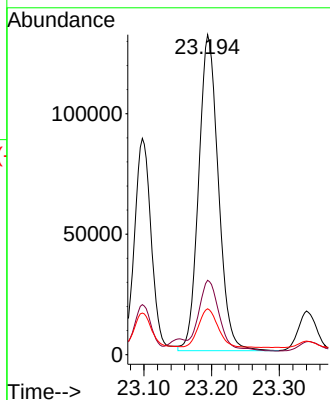
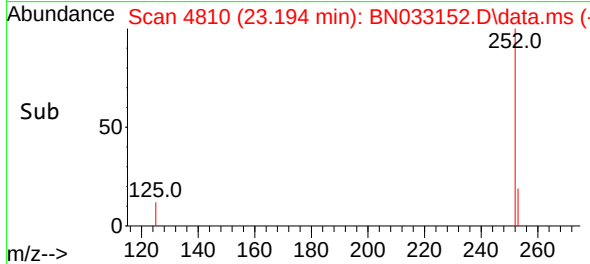
Instrument :
BNA_N
ClientSampleId :
A4D41



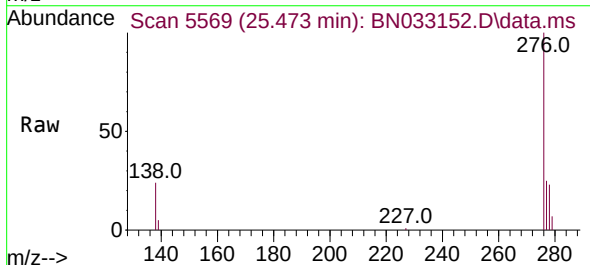
Tgt Ion:252 Resp: 26457
Ion Ratio Lower Upper
252 100
253 23.3 27.5 41.3#
125 14.3 27.0 40.6#

Manual Integrations
APPROVED

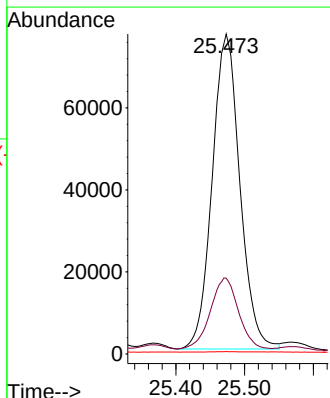
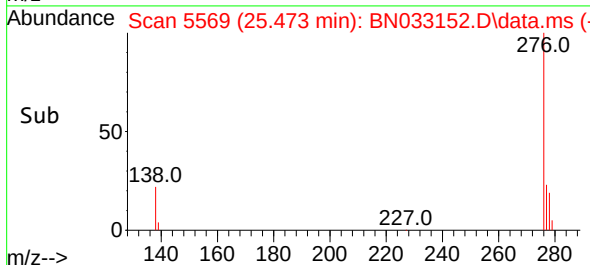
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

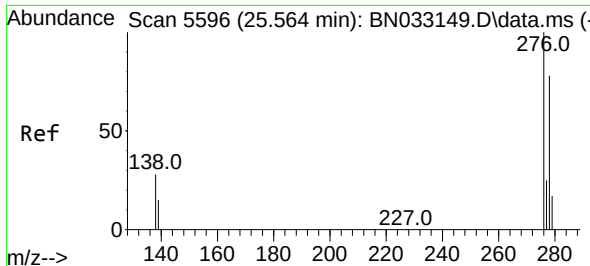


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.126 ng/ul m
RT: 25.473 min Scan# 5569
Delta R.T. -0.067 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42



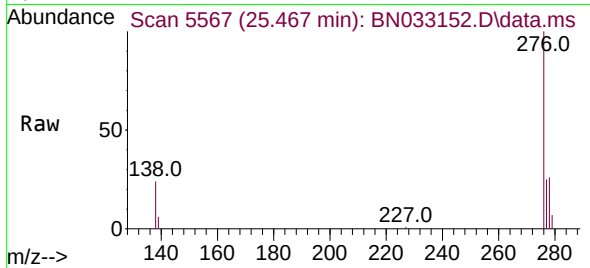
Tgt Ion:276 Resp: 214630
Ion Ratio Lower Upper
276 100
138 3.0 21.8 32.8#
227 0.2 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.488 ng/ul m
RT: 25.467 min Scan# 51
Delta R.T. -0.074 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42

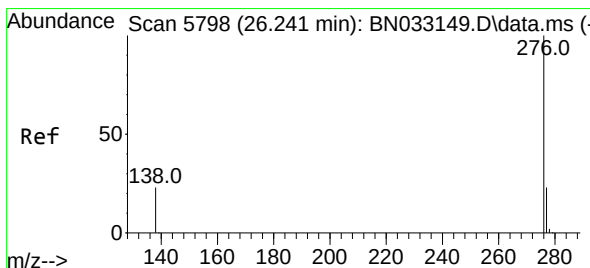
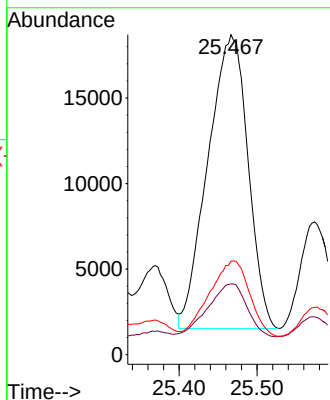
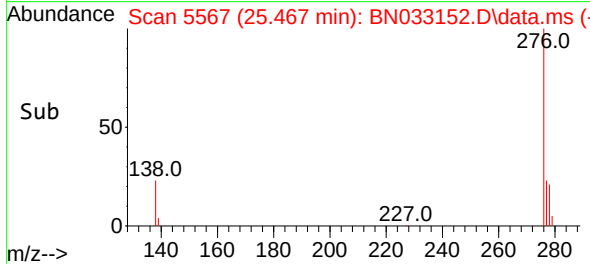
Instrument :
BNA_N
ClientSampleId :
A4D41



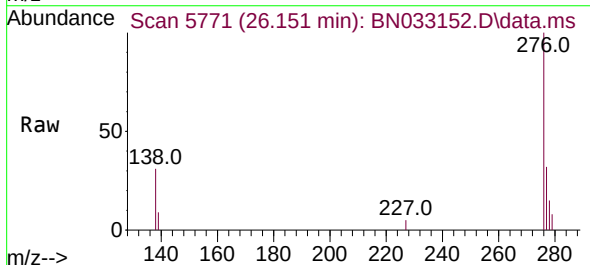
Tgt Ion:278 Resp: 61350
Ion Ratio Lower Upper
278 100
139 22.1 22.5 33.7
279 29.2 25.5 38.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.806 ng/ul m
RT: 26.151 min Scan# 5771
Delta R.T. -0.067 min
Lab File: BN033152.D
Acq: 01 Aug 2024 04:42



Tgt Ion:276 Resp: 33316
Ion Ratio Lower Upper
276 100
138 31.3 24.6 37.0
277 31.8 22.6 34.0

