

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033158.D
 Acq On : 01 Aug 2024 08:19
 Operator : MA/JU
 Sample : P3283-07MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CM2MSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 08:57:18 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	2592	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.262	136	8529	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	4987	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.907	188	11204	0.400	ng/ul	-0.03
17) Chrysene-d12	21.125	240	9405	0.400	ng/ul	-0.03
23) Perylene-d12	23.308	264	9820	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1393	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.857	152	3635	0.261	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	8609	0.323	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.086	88	4013	1.074	ng/ul#	77
5) Naphthalene	10.312	128	7153	0.327	ng/ul	98
7) 2-Methylnaphthalene	11.934	142	4440	0.299	ng/ul	99
8) 1-Methylnaphthalene	12.154	142	4731	0.295	ng/ul	99
10) Acenaphthylene	13.861	152	8368	0.410	ng/ul	99
11) Acenaphthene	14.199	153	5484	0.357	ng/ul	99
12) Fluorene	15.207	166	6028	0.337	ng/ul	100
14) Pentachlorophenol	16.595	266	1543	0.676	ng/ul	98
15) Phenanthrene	16.945	178	29557	0.984	ng/ul	99
16) Anthracene	17.047	178	11932	0.442	ng/ul	99
19) Fluoranthene	18.972	202	58281	1.882	ng/ul	98
20) Pyrene	19.344	202	53245	1.603	ng/ul	96
21) Benzo(a)anthracene	21.110	228	29965	0.934	ng/ul	99
22) Chrysene	21.163	228	34152	0.912	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	43496m	1.516	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	22796m	0.663	ng/ul	
26) Benzo(a)pyrene	23.215	252	27475	1.018	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.494	276	28973	0.706	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.487	278	12947	0.398	ng/ul	96
29) Benzo(g,h,i)perylene	26.171	276	25474	0.781	ng/ul	95

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

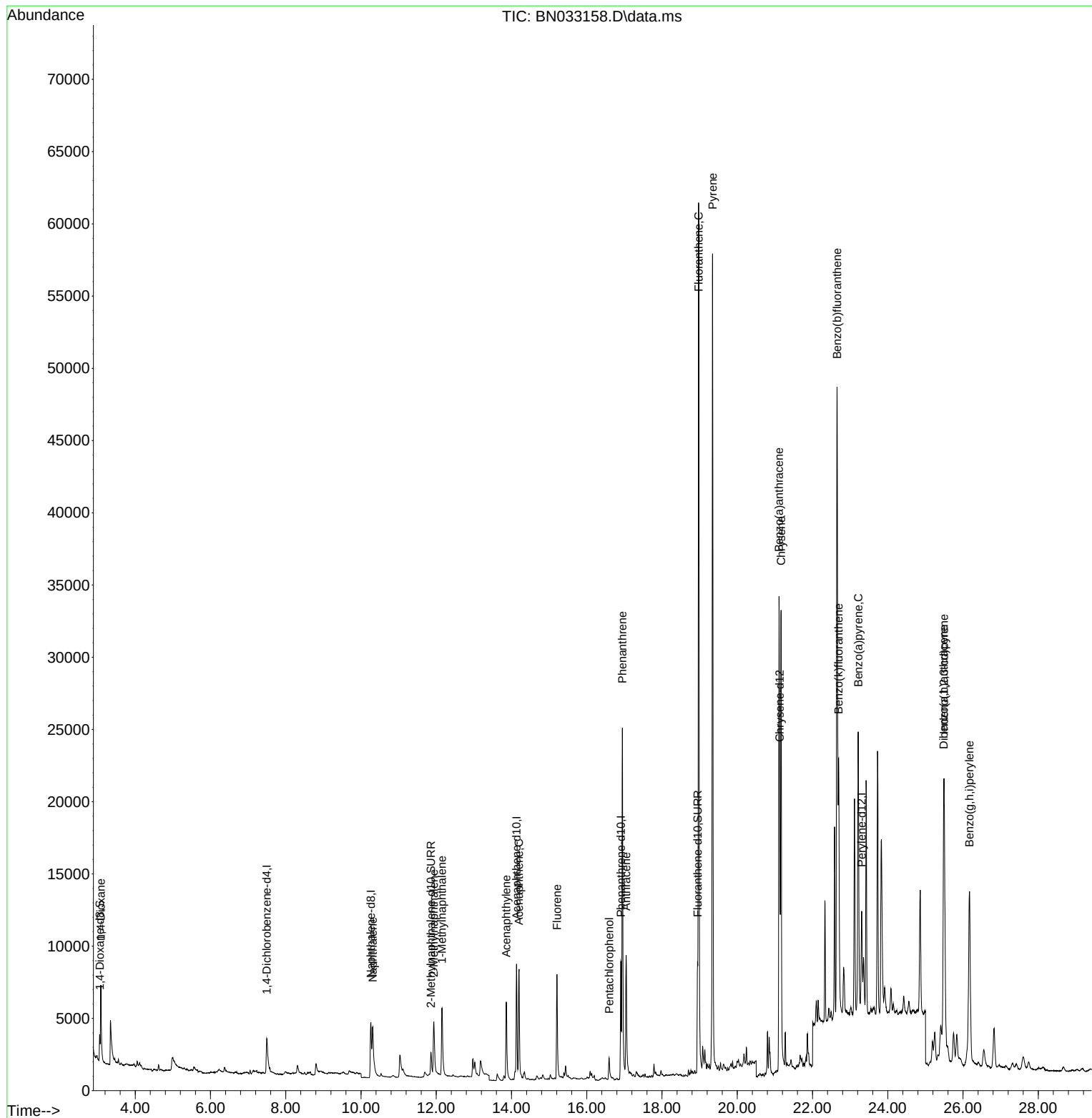
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033158.D
Acq On : 01 Aug 2024 08:19
Operator : MA/JU
Sample : P3283-07MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

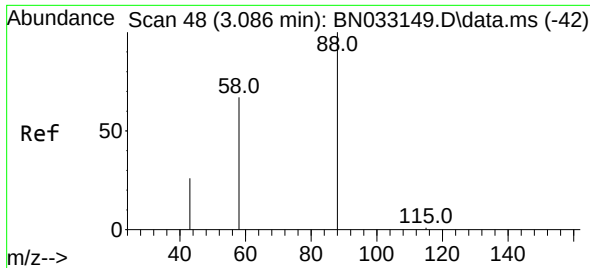
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD

Manual Integrations
APPROVED

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

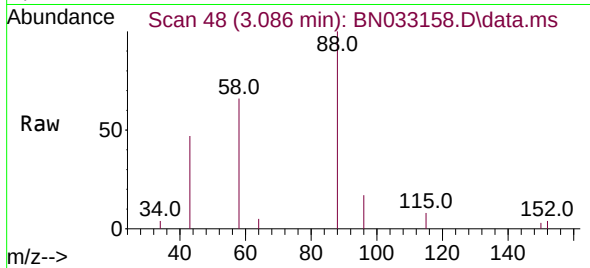
Quant Time: Aug 01 08:57:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.074 ng/ul
RT: 3.086 min Scan# 48
Delta R.T. -0.008 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

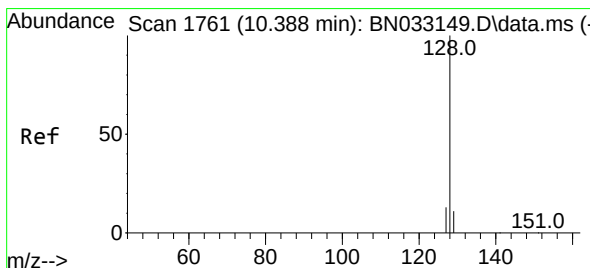
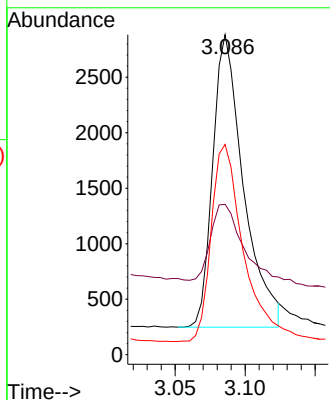
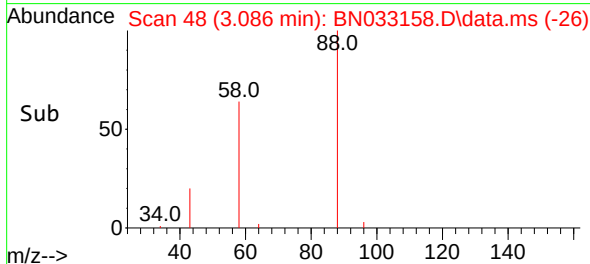
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



Tgt Ion: 88 Resp: 401
Ion Ratio Lower Upper
88 100
43 47.0 63.4 95.2
58 65.7 49.4 74.0

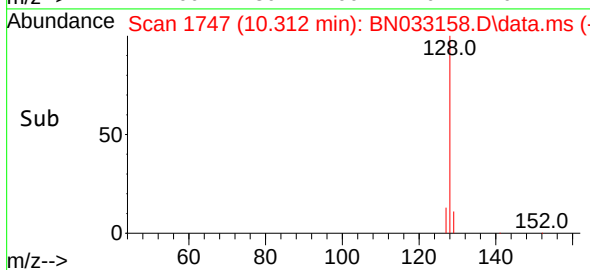
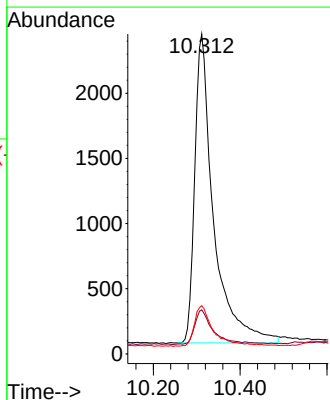
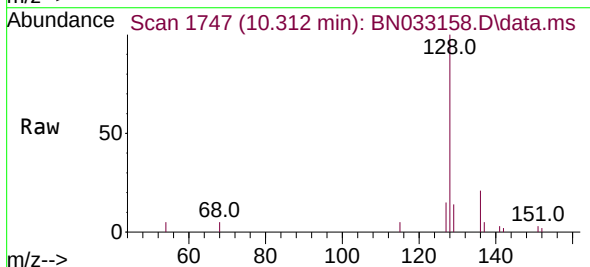
Manual Integrations
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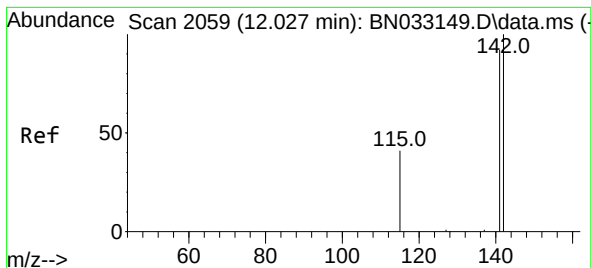
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.312 min Scan# 1747
Delta R.T. -0.066 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

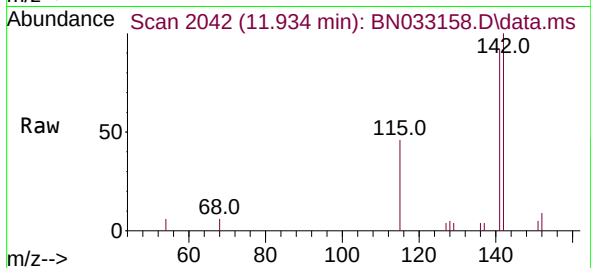
Tgt Ion:128 Resp: 7153
Ion Ratio Lower Upper
128 100
129 13.8 12.0 18.0
127 15.1 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

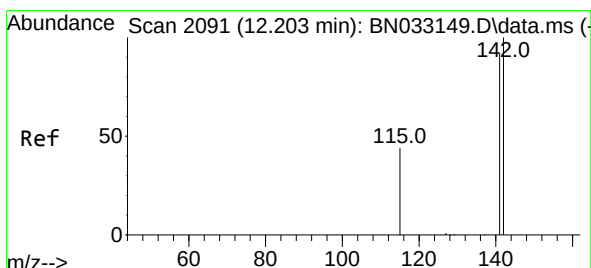
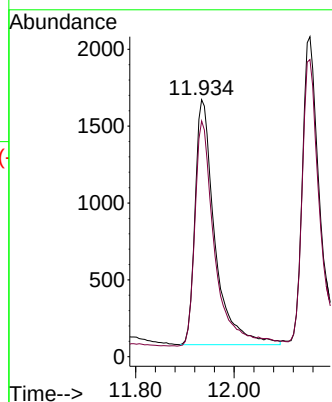
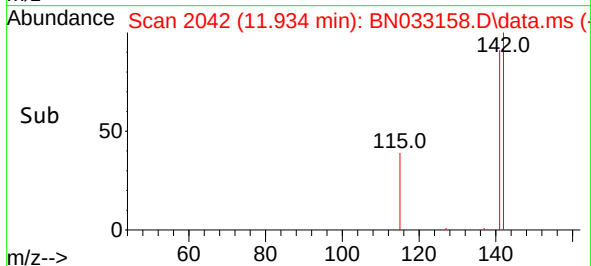
Instrument :
BNA_N
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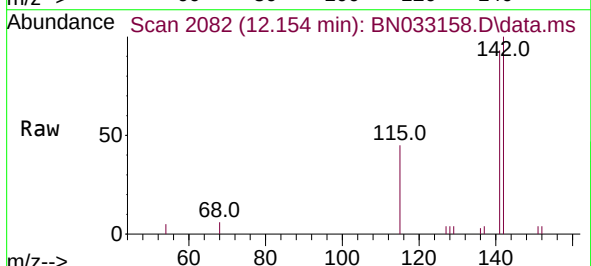
Tgt Ion:142 Resp: 4440
Ion Ratio Lower Upper
142 100
141 93.3 75.2 112.8

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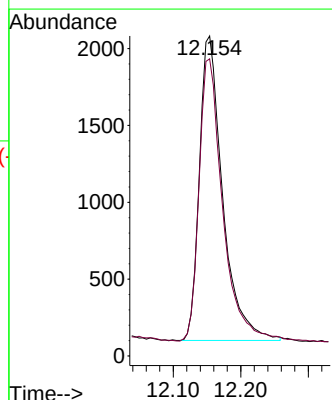
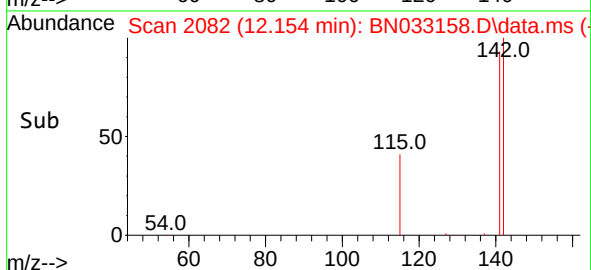
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

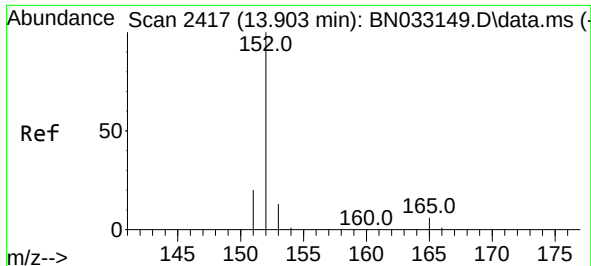


#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.154 min Scan# 2082
Delta R.T. -0.044 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19



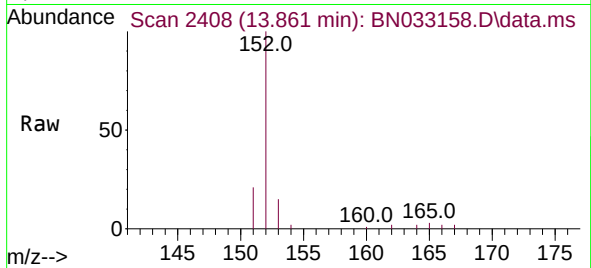
Tgt Ion:142 Resp: 4731
Ion Ratio Lower Upper
142 100
141 94.2 74.3 111.5





#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 13.861 min Scan# 2408
Delta R.T. -0.037 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

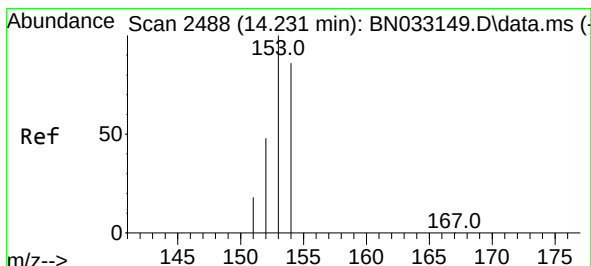
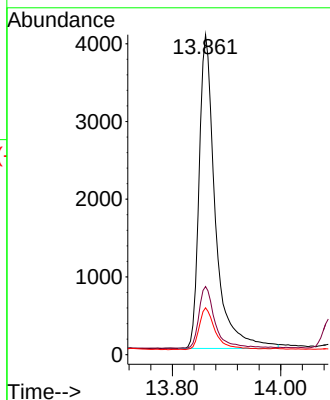
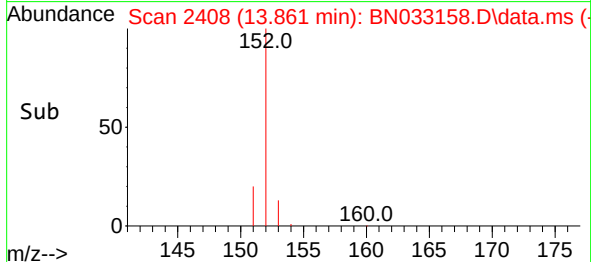
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



Tgt Ion:152 Resp: 836
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.6 11.9 17.9

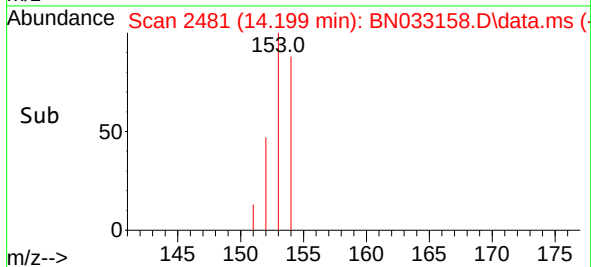
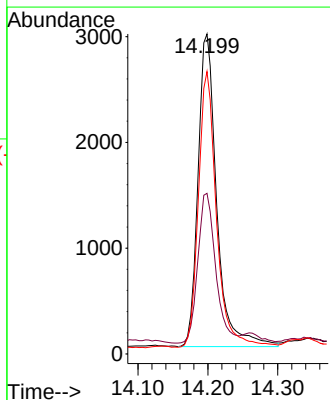
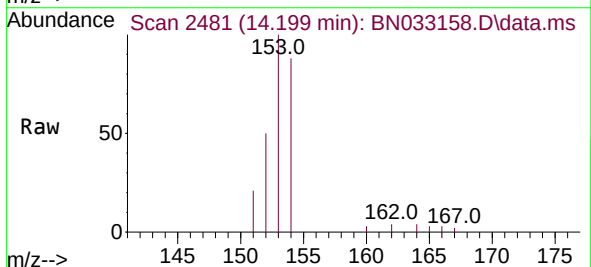
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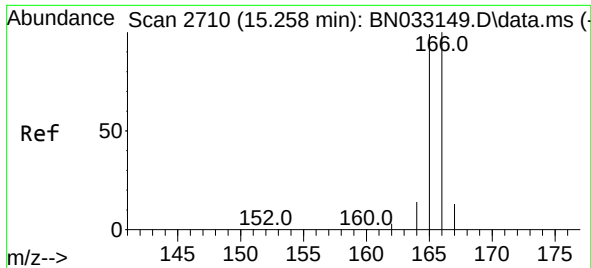
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.027 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

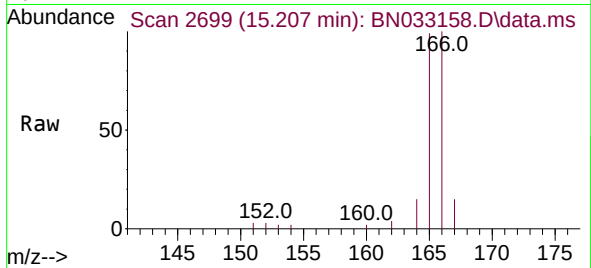
Tgt Ion:153 Resp: 5484
Ion Ratio Lower Upper
153 100
152 50.2 40.0 60.0
154 88.3 70.1 105.1





#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.207 min Scan# 20
Delta R.T. -0.041 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

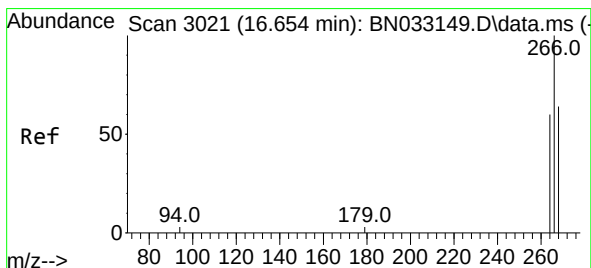
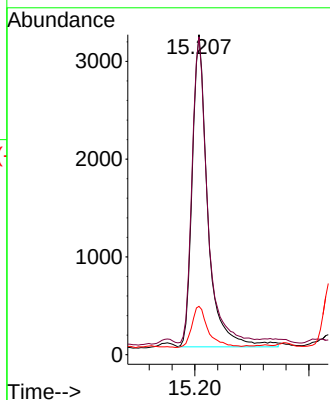
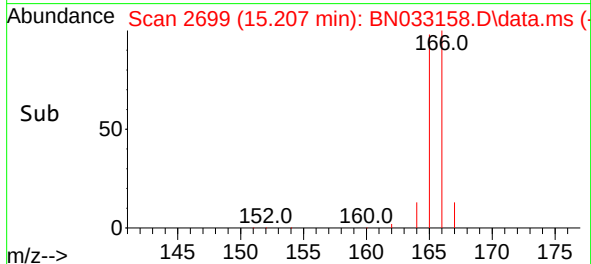
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



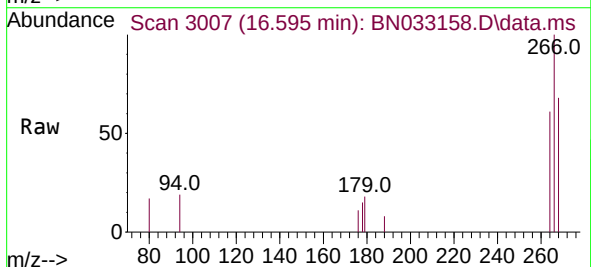
Tgt Ion:166 Resp: 6028
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 15.1 12.2 18.4

Manual Integrations
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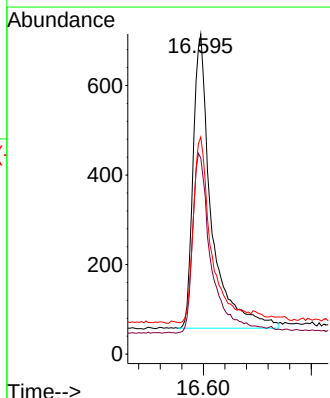
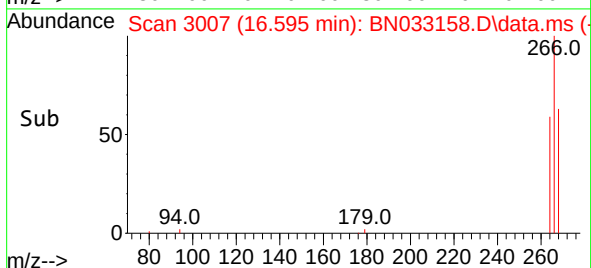
Reviewed By :Jagrut Upadhyay 08/01/2024
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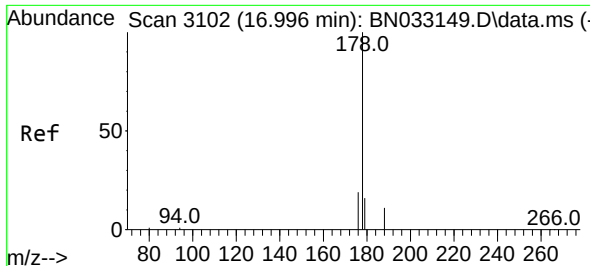


#14
Pentachlorophenol
Concen: 0.676 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.046 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19



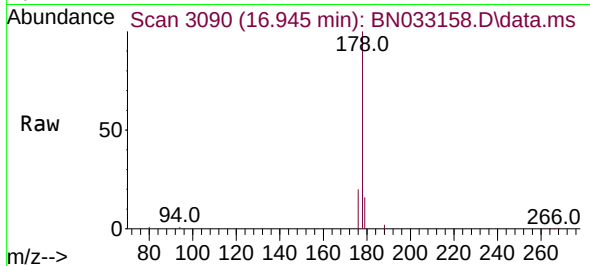
Tgt Ion:266 Resp: 1543
Ion Ratio Lower Upper
266 100
264 63.6 49.3 73.9
268 65.4 51.8 77.8





#15
Phenanthrene
Concen: 0.984 ng/u1
RT: 16.945 min Scan# 3090
Delta R.T. -0.038 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

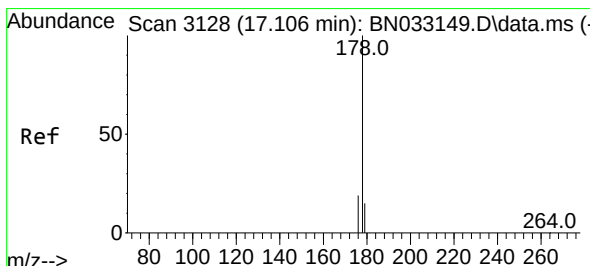
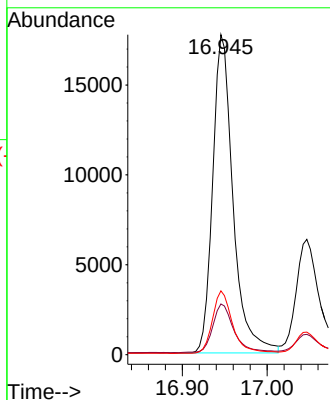
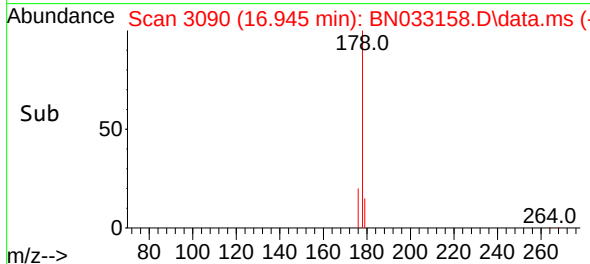
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



Tgt Ion:178 Resp: 2955
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 20.0 15.9 23.9

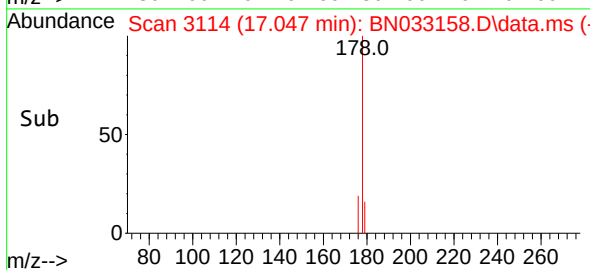
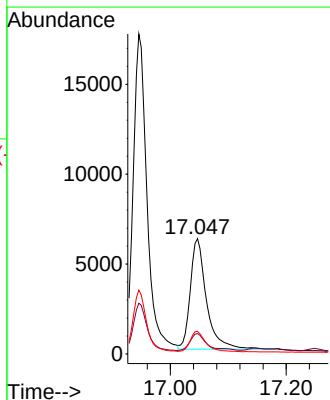
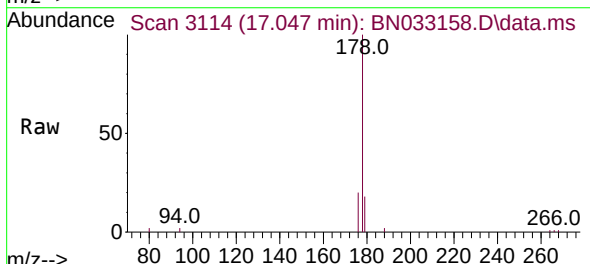
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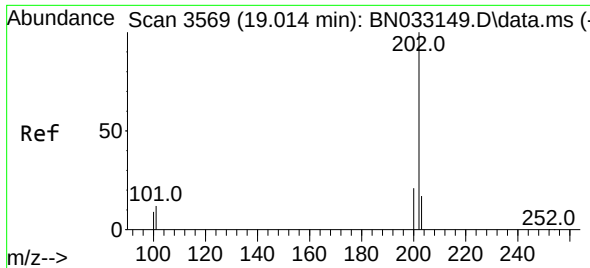
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#16
Anthracene
Concen: 0.442 ng/u1
RT: 17.047 min Scan# 3114
Delta R.T. -0.042 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

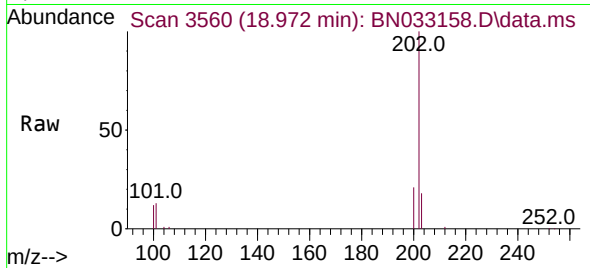
Tgt Ion:178 Resp: 11932
Ion Ratio Lower Upper
178 100
179 17.6 14.3 21.5
176 19.5 15.8 23.8





#19
Fluoranthene
Concen: 1.882 ng/u1
RT: 18.972 min Scan# 3569
Delta R.T. -0.032 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

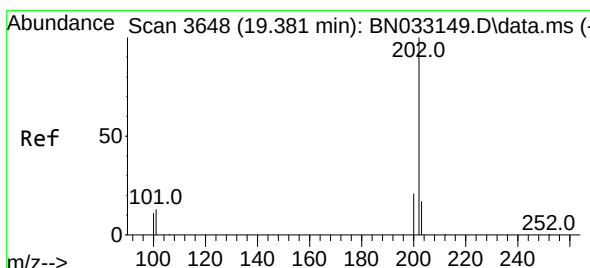
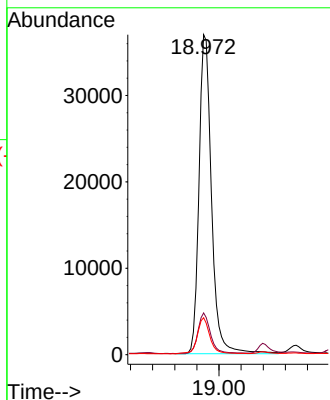
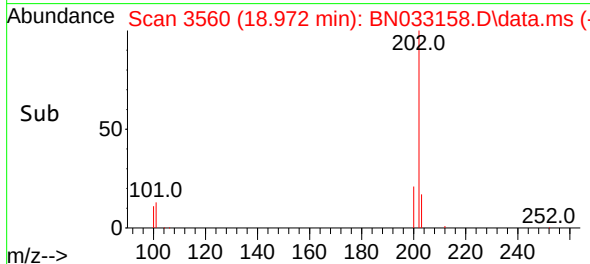
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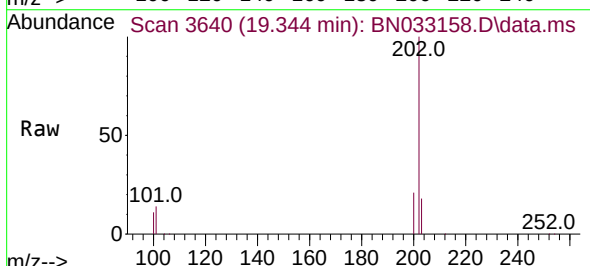
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Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 11.6 8.3 12.5

Manual Integrations
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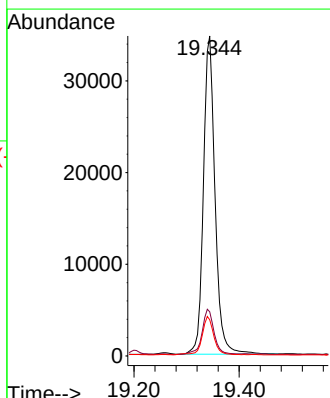
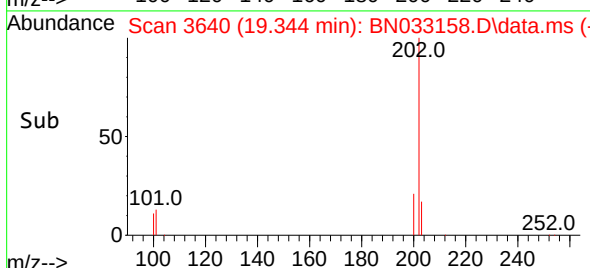
Reviewed By :Jagrut Upadhyay 08/01/2024
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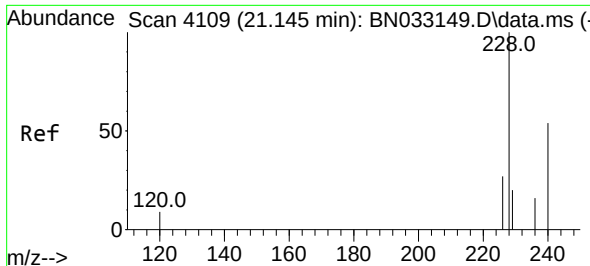


#20
Pyrene
Concen: 1.603 ng/u1
RT: 19.344 min Scan# 3640
Delta R.T. -0.028 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19



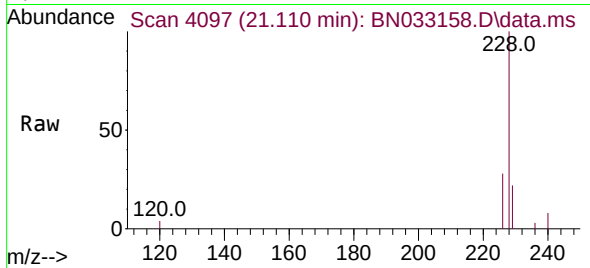
Tgt Ion:202 Resp: 53245
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.3 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.934 ng/ul
RT: 21.110 min Scan# 4109
Delta R.T. -0.026 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

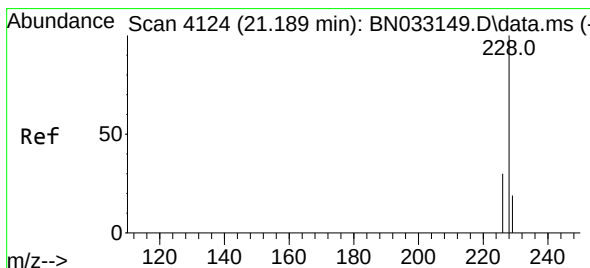
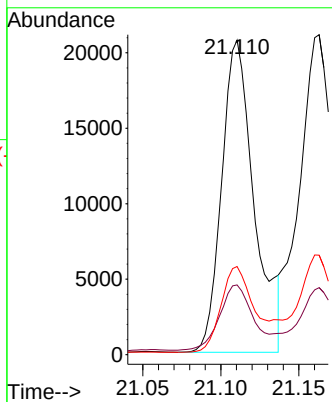
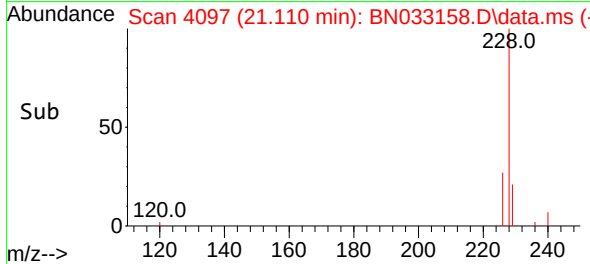
Instrument :
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Tgt Ion:228 Resp: 2996
Ion Ratio Lower Upper
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229 22.2 17.1 25.7
226 28.0 22.4 33.6

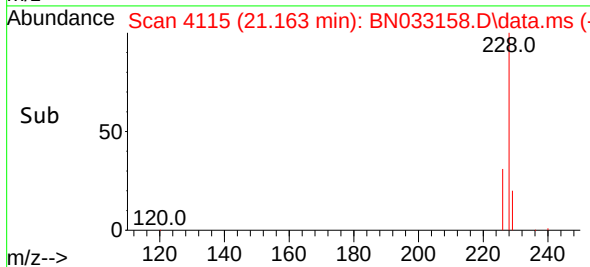
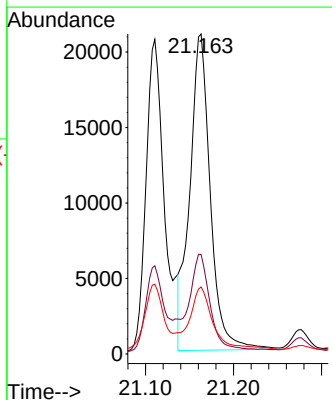
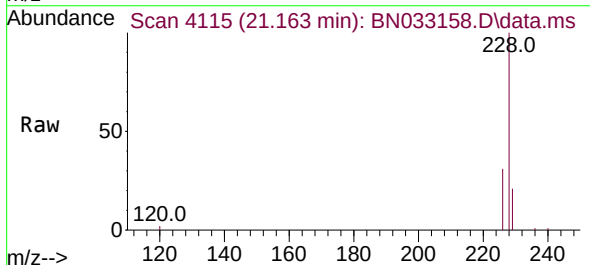
Manual Integrations
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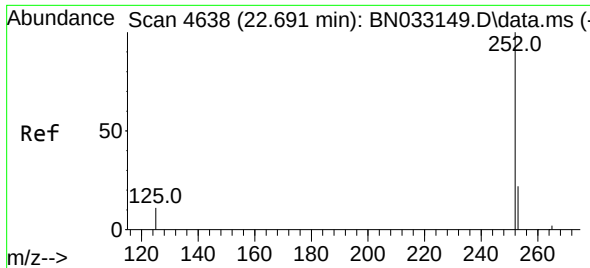
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 0.912 ng/ul
RT: 21.163 min Scan# 4115
Delta R.T. -0.026 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

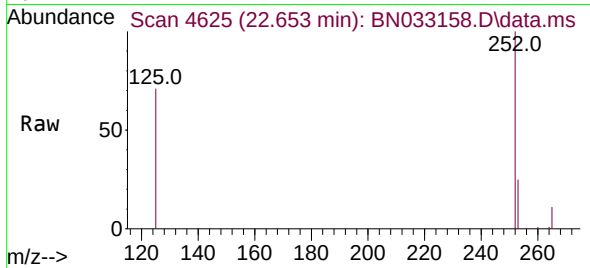
Tgt Ion:228 Resp: 34152
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 21.0 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 1.516 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.029 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

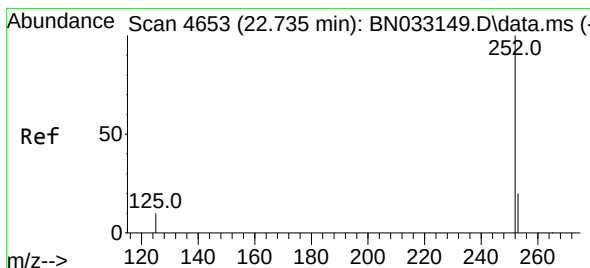
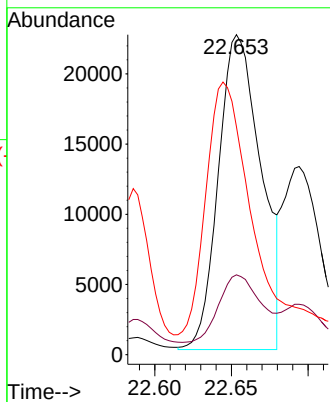
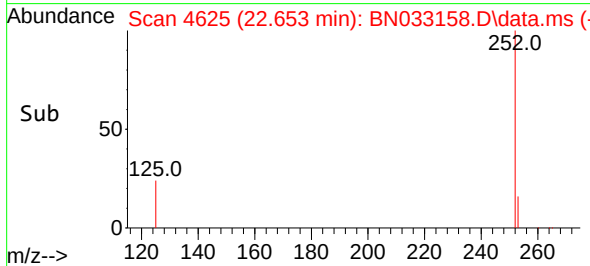
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



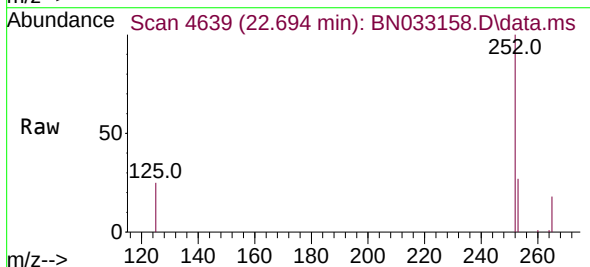
Tgt Ion:252 Resp: 43490
Ion Ratio Lower Upper
252 100
253 24.9 0.0 60.6
125 71.2 0.0 51.0

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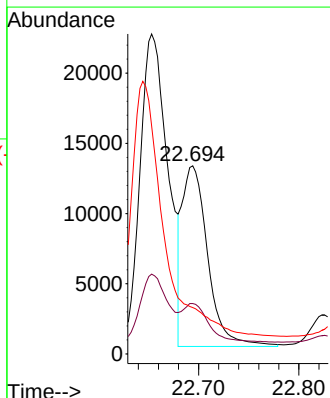
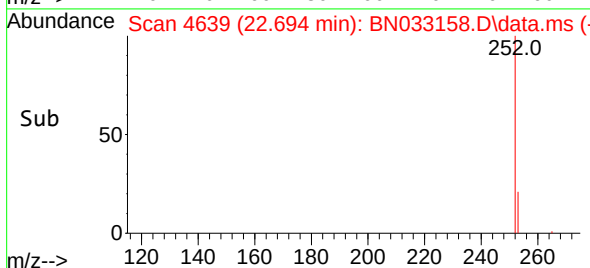
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

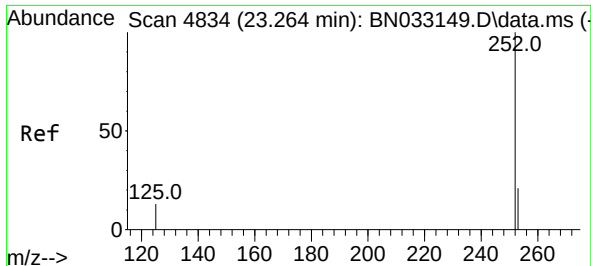


#25
Benzo(k)fluoranthene
Concen: 0.663 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.032 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19



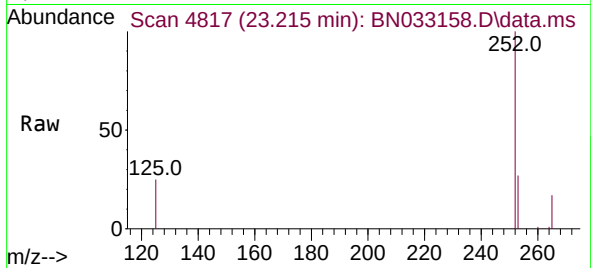
Tgt Ion:252 Resp: 22796
Ion Ratio Lower Upper
252 100
253 26.8 24.9 37.3
125 24.6 20.9 31.3





#26
Benzo(a)pyrene
Concen: 1.018 ng/ul
RT: 23.215 min Scan# 4817
Delta R.T. -0.035 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

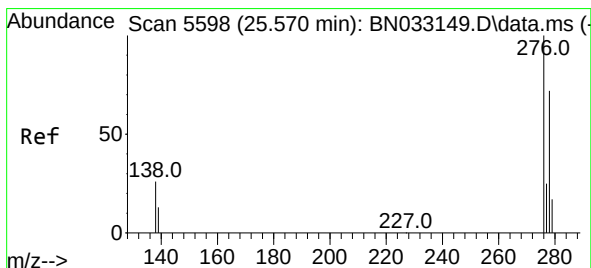
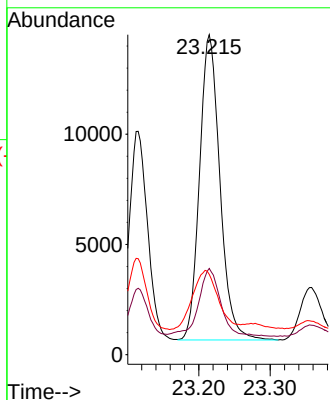
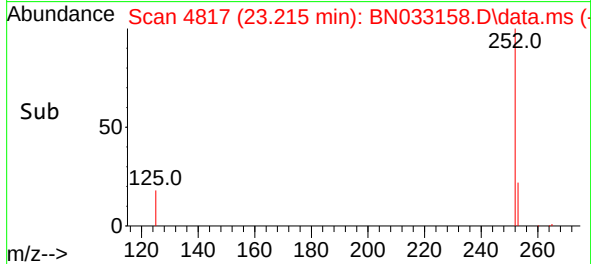
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



Tgt Ion:252 Resp: 27475
Ion Ratio Lower Upper
252 100
253 27.0 27.5 41.3
125 25.1 27.0 40.6

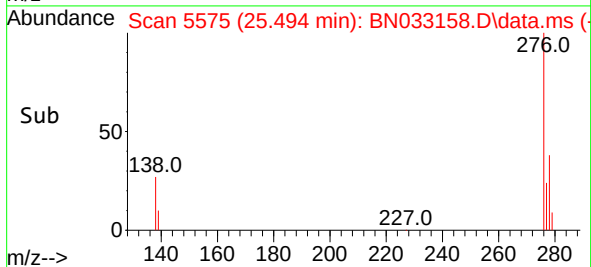
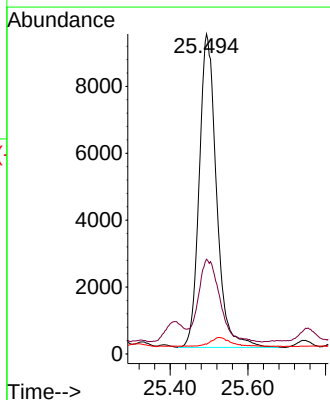
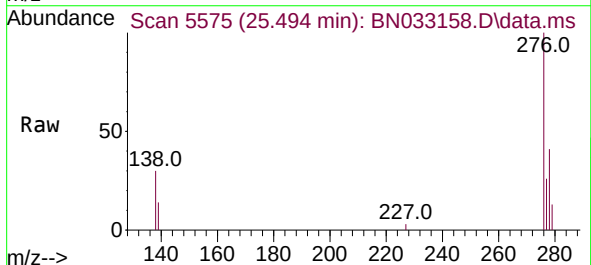
Manual Integrations
APPROVED

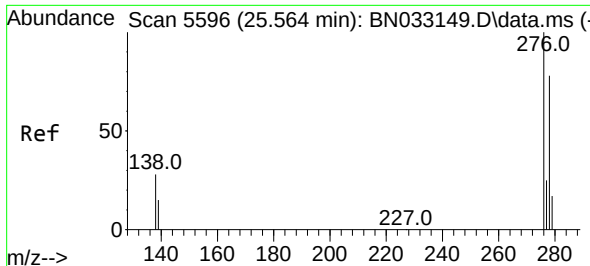
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.706 ng/ul
RT: 25.494 min Scan# 5575
Delta R.T. -0.047 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

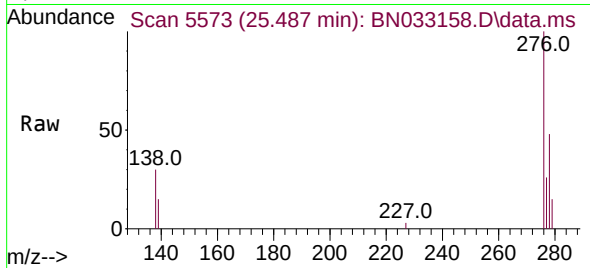
Tgt Ion:276 Resp: 28973
Ion Ratio Lower Upper
276 100
138 32.4 21.8 32.8
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. -0.053 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19

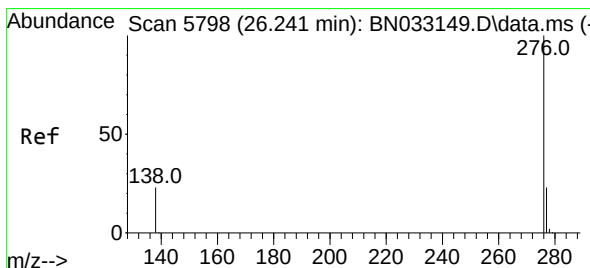
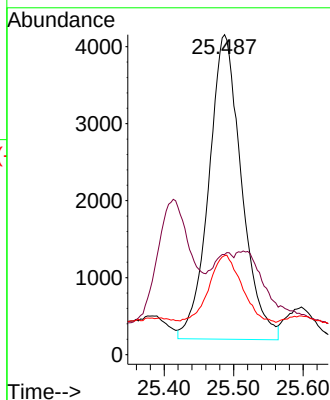
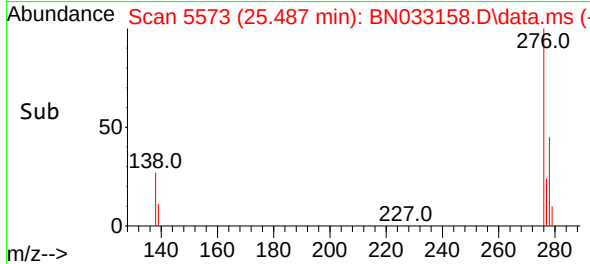
Instrument :
BNA_N
ClientSampleId :
A4CM2MSD



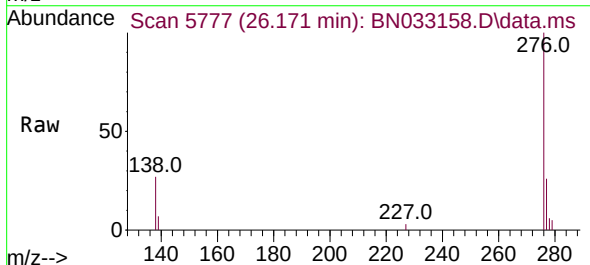
Tgt Ion: 278 Resp: 1294
Ion Ratio Lower Upper
278 100
139 31.3 22.5 33.7
279 31.0 25.5 38.3

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



#29
Benzo(g,h,i)perylene
Concen: 0.781 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.047 min
Lab File: BN033158.D
Acq: 01 Aug 2024 08:19



Tgt Ion: 276 Resp: 25474
Ion Ratio Lower Upper
276 100
138 27.3 24.6 37.0
277 26.1 22.6 34.0

