

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 05:07:58 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	3111	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.251	136	11295	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	13094	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.903	188	18046m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	21541m	0.400	ng/ul	-0.03
23) Perylene-d12	23.305	264	19971m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	5054	1.284	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.851	152	1439	0.078	ng/ul	-0.06
18) Fluoranthene-d10	18.944	212	4071m	0.067	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.295	128	160626	5.538	ng/ul#	93
7) 2-Methylnaphthalene	11.923	142	112744	5.738	ng/ul	94
8) 1-Methylnaphthalene	12.148	142	36408	1.713	ng/ul	100
10) Acenaphthylene	13.852	152	1548620	28.899	ng/ul	97
11) Acenaphthene	14.199	153	56911	1.412	ng/ul	97
12) Fluorene	15.198	166	391261	8.328	ng/ul#	95
15) Phenanthrene	16.941	178	208666m	4.311	ng/ul	
16) Anthracene	17.034	178	1286439m	29.560	ng/ul	
19) Fluoranthene	18.977	202	180572m	2.546	ng/ul	
20) Pyrene	19.344	202	79797m	1.049	ng/ul	
21) Benzo(a)anthracene	21.110	228	224308m	3.053	ng/ul	
22) Chrysene	21.163	228	22865m	0.267	ng/ul	
24) Benzo(b)fluoranthene	22.659	252	31518m	0.540	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	15101m	0.216	ng/ul	
26) Benzo(a)pyrene	23.215	252	31895m	0.581	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.497	276	7631m	0.091	ng/ul	
28) Dibenzo(a,h)anthracene	25.477	278	7131m	0.108	ng/ul	

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

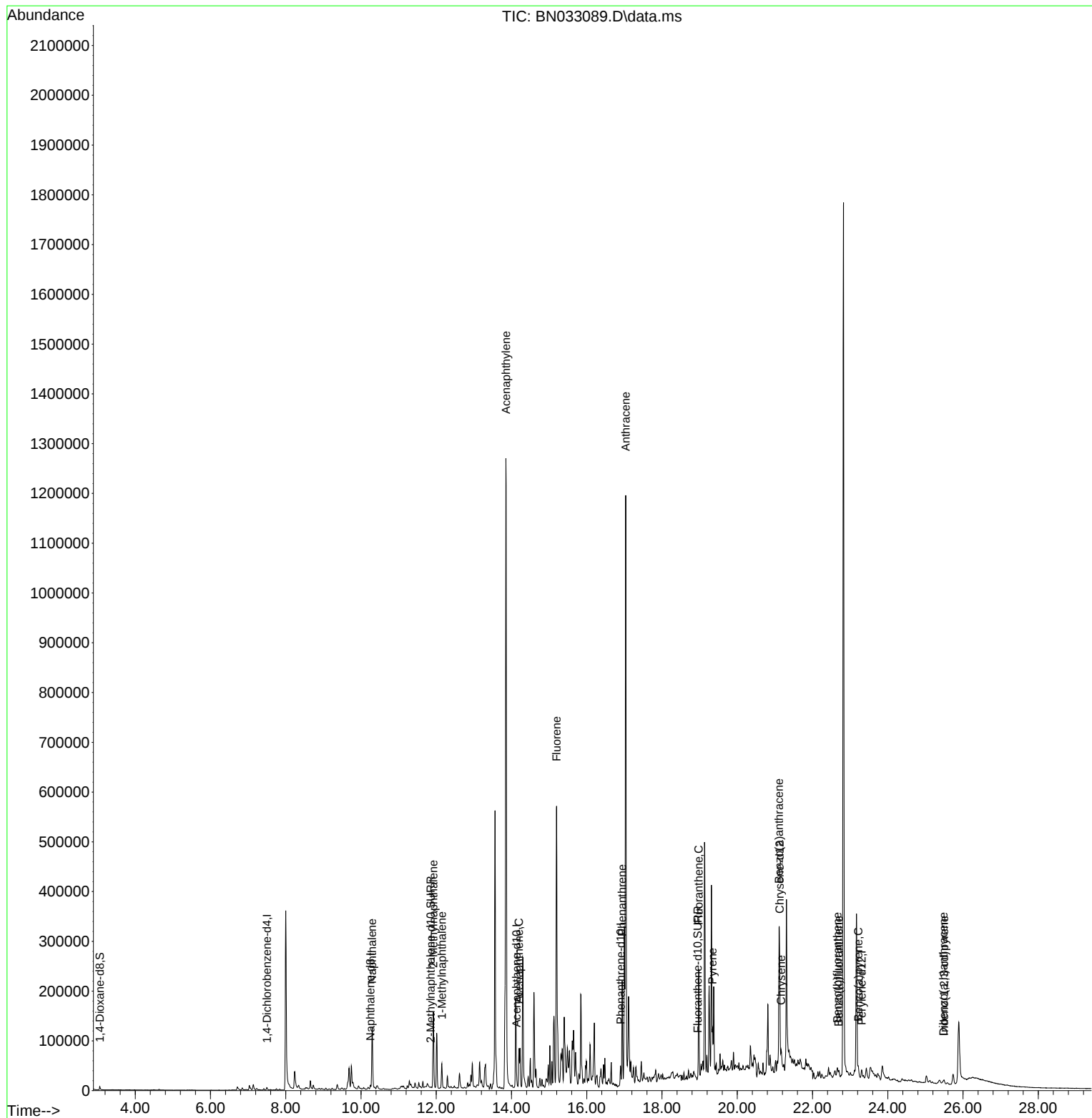
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
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ALS Vial : 23 Sample Multiplier: 1

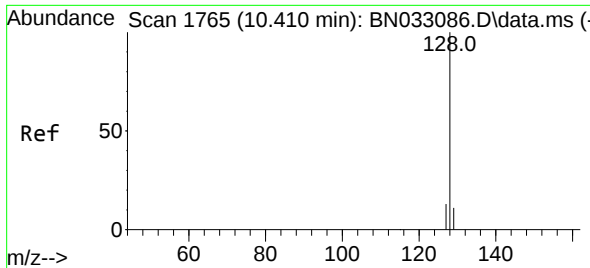
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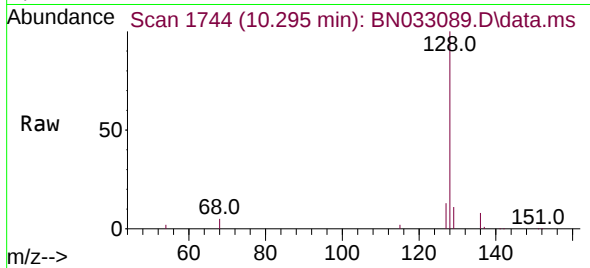
Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 5.538 ng/ul
RT: 10.295 min Scan# 1765
Delta R.T. -0.055 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

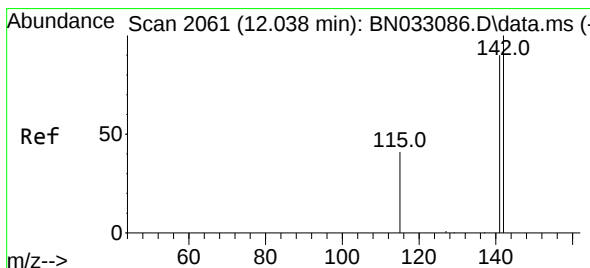
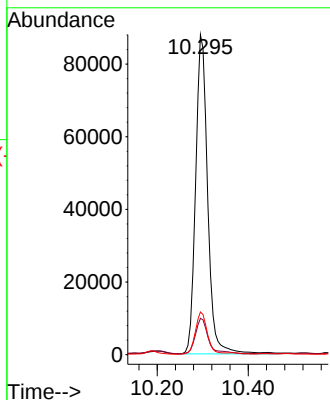
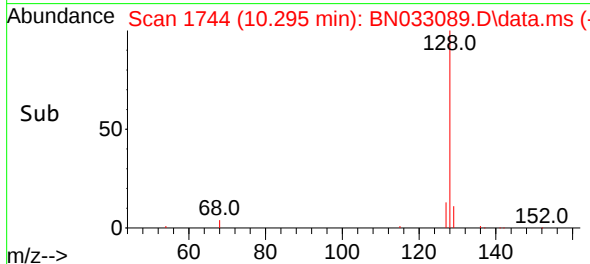
Instrument :
BNA_N
ClientSampleId :
F7E00



Tgt Ion:128 Resp: 160620
Ion Ratio Lower Upper
128 100
129 11.4 12.0 18.0
127 13.3 12.7 19.1

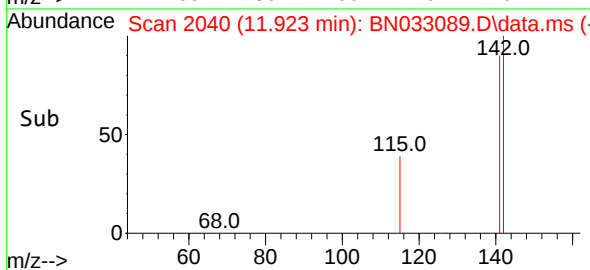
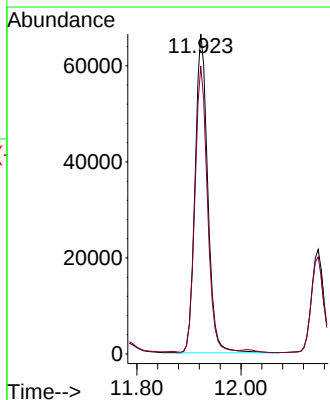
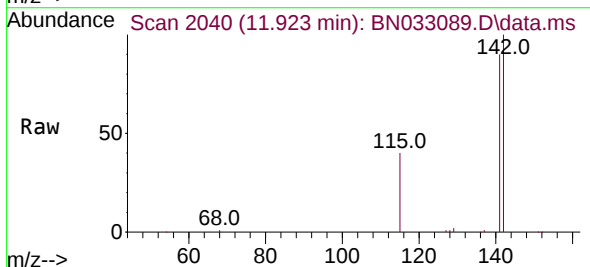
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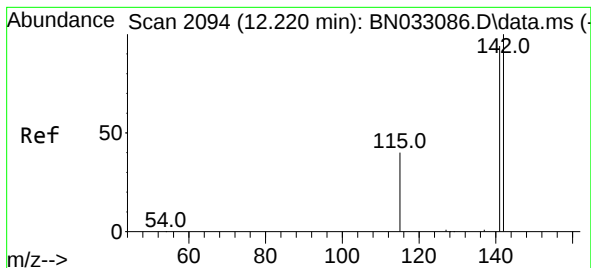
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 5.738 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.060 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

Tgt Ion:142 Resp: 112744
Ion Ratio Lower Upper
142 100
141 88.5 75.2 112.8





#8

1-Methylnaphthalene

Concen: 1.713 ng/ul

RT: 12.148 min Scan# 2094

Delta R.T. -0.049 min

Lab File: BN033089.D

Acq: 30 Jul 2024 04:42

Instrument :

BNA_N

ClientSampleId :

F7E00

Tgt Ion:142 Resp: 36408

Ion Ratio Lower Upper

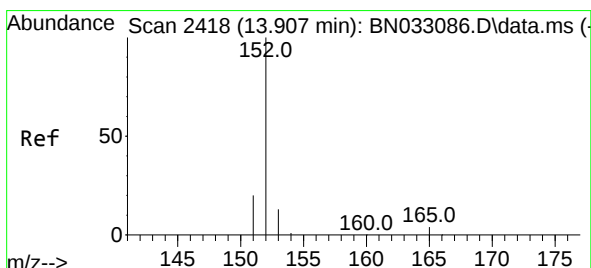
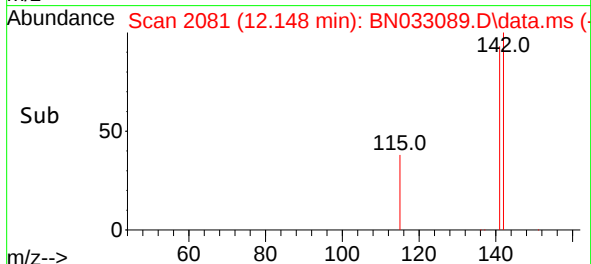
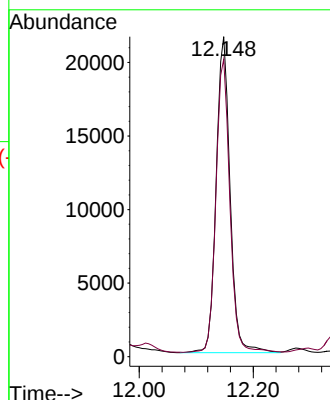
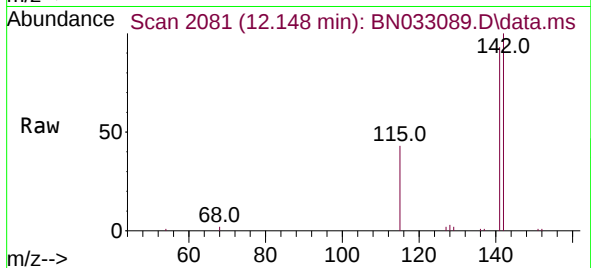
142 100

141 92.7 74.3 111.5

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#10

Acenaphthylene

Concen: 28.899 ng/ul

RT: 13.852 min Scan# 2406

Delta R.T. -0.046 min

Lab File: BN033089.D

Acq: 30 Jul 2024 04:42

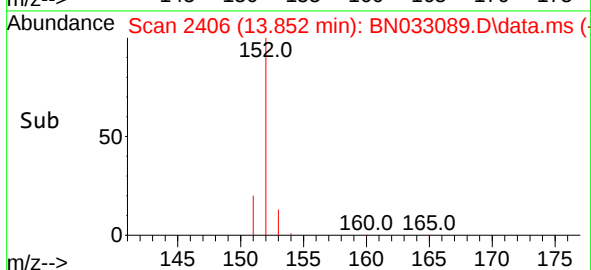
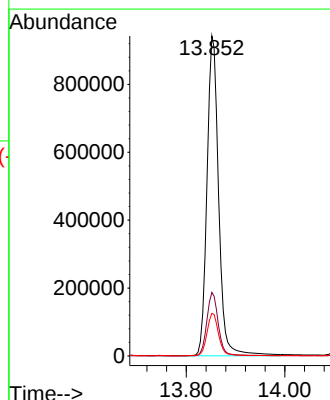
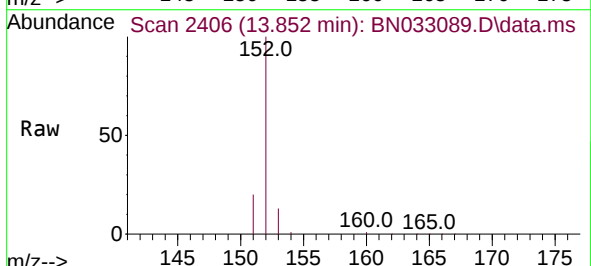
Tgt Ion:152 Resp: 1548620

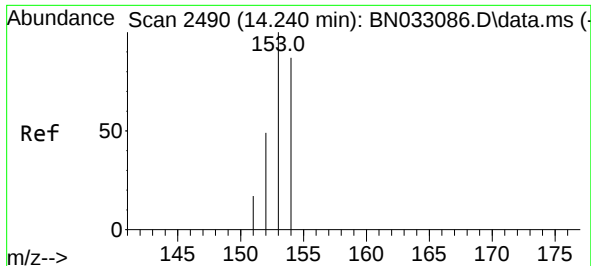
Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

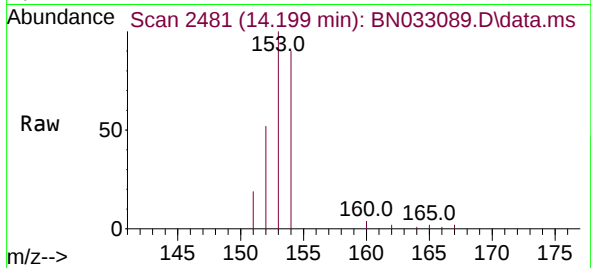
153 13.3 11.9 17.9





#11
Acenaphthene
Concen: 1.412 ng/ul
RT: 14.199 min Scan# 2490
Delta R.T. -0.037 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

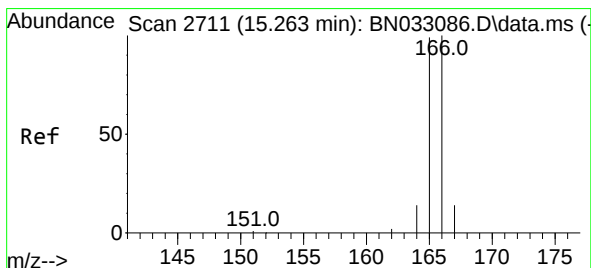
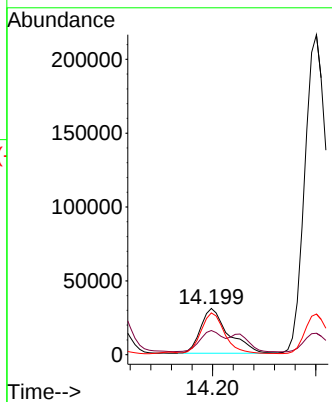
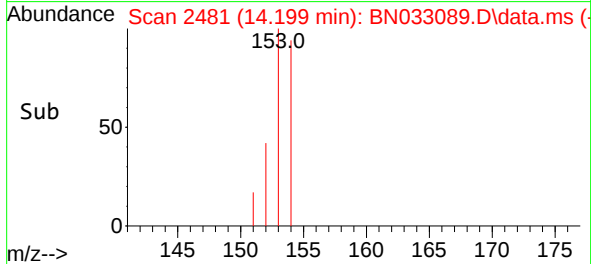
Instrument :
BNA_N
ClientSampleId :
F7E00



Tgt Ion:153 Resp: 5691
Ion Ratio Lower Upper
153 100
152 52.1 40.0 60.0
154 90.4 70.1 105.1

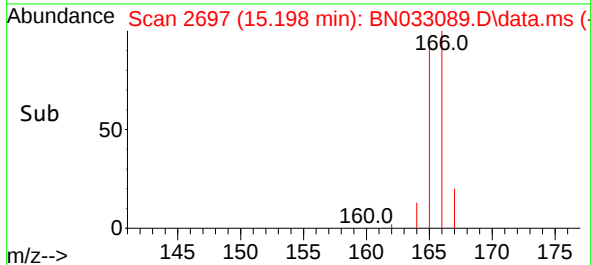
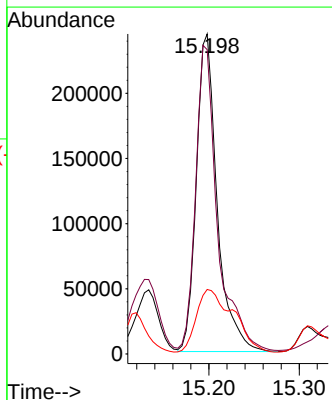
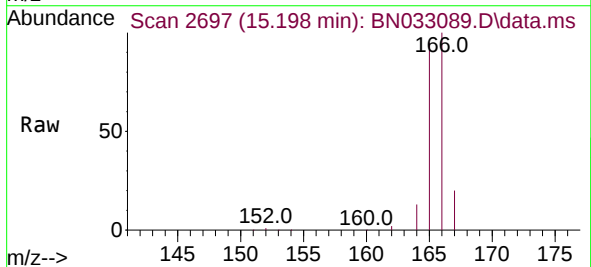
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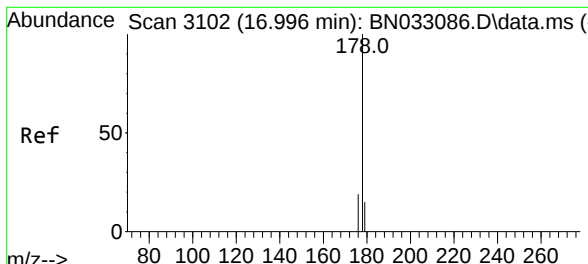
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 8.328 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.046 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

Tgt Ion:166 Resp: 391261
Ion Ratio Lower Upper
166 100
165 95.1 79.6 119.4
167 20.2 12.2 18.4#





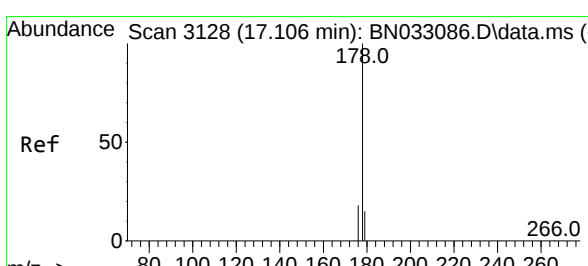
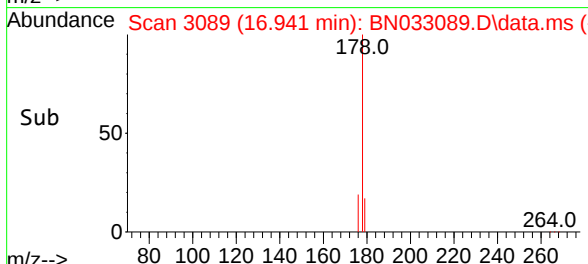
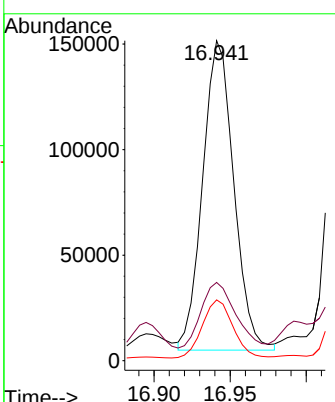
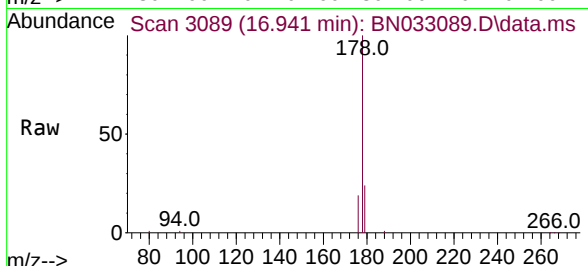
#15
 Phenanthrene
 Concen: 4.311 ng/ul m
 RT: 16.941 min Scan# 3089
 Delta R.T. -0.046 min
 Lab File: BN033089.D
 Acq: 30 Jul 2024 04:42

Instrument : BNA_N
 ClientSampleId : F7E00

Tgt Ion:178 Resp: 208660

Ion	Ratio	Lower	Upper
178	100		
179	24.5	13.7	20.5
176	19.0	15.9	23.9

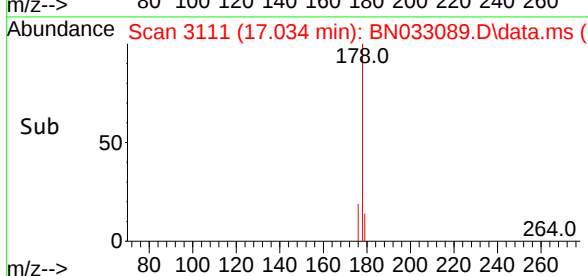
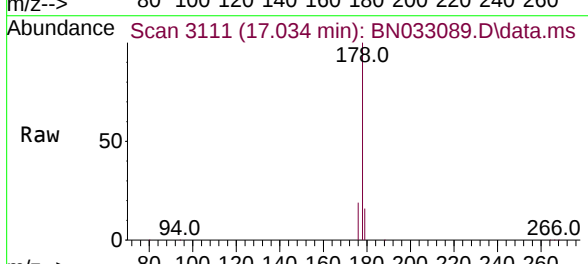
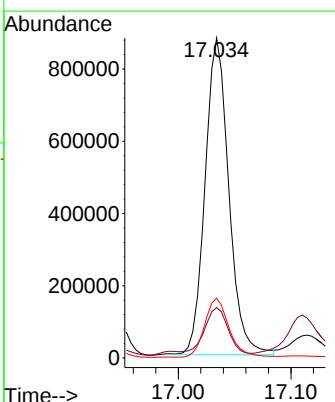
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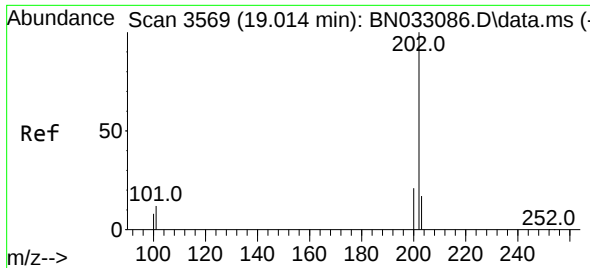


#16
 Anthracene
 Concen: 29.560 ng/ul m
 RT: 17.034 min Scan# 3111
 Delta R.T. -0.050 min
 Lab File: BN033089.D
 Acq: 30 Jul 2024 04:42

Tgt Ion:178 Resp: 1286439

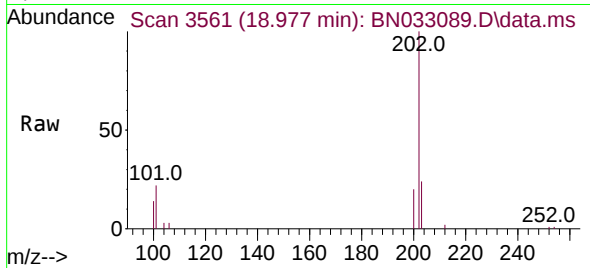
Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.3	21.5
176	18.7	15.8	23.8





#19
Fluoranthene
Concen: 2.546 ng/ul m
RT: 18.977 min Scan# 3569
Delta R.T. -0.037 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

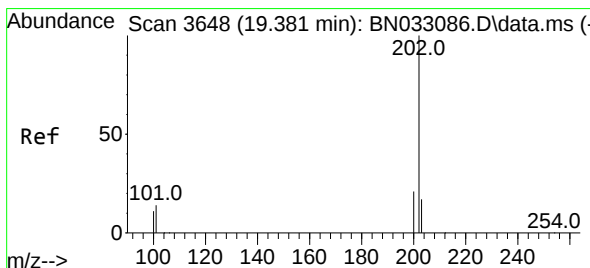
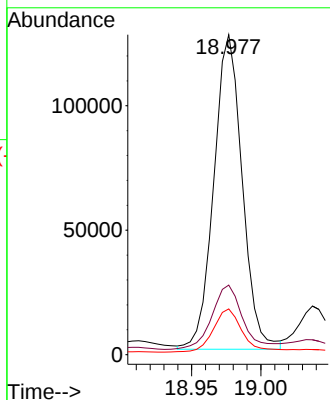
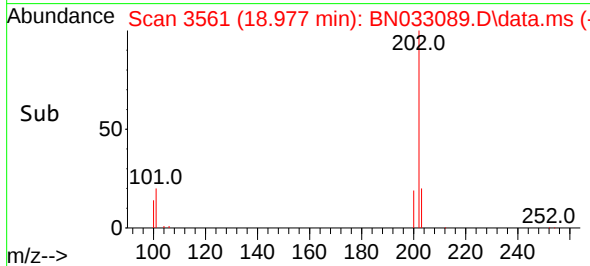
Instrument :
BNA_N
ClientSampleId :
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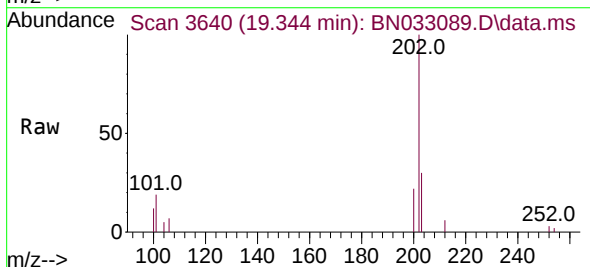
Tgt Ion:202 Resp: 180572
Ion Ratio Lower Upper
202 100
101 21.8 10.7 16.1
100 14.3 8.3 12.5

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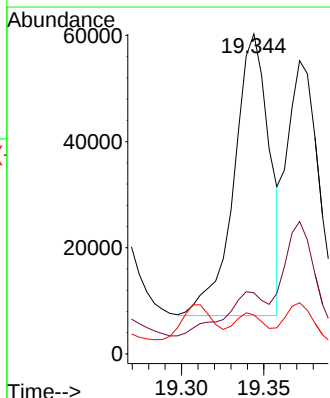
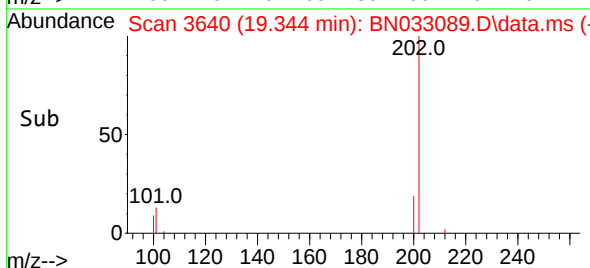
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

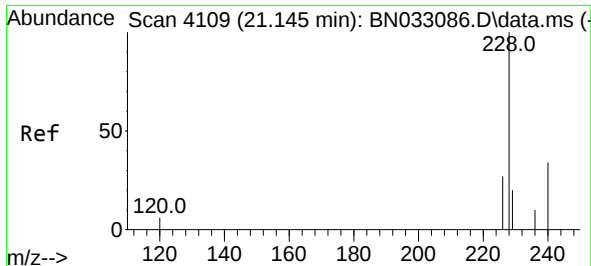


#20
Pyrene
Concen: 1.049 ng/ul m
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42



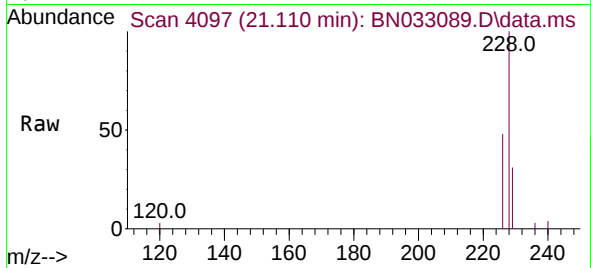
Tgt Ion:202 Resp: 79797
Ion Ratio Lower Upper
202 100
101 19.1 12.6 18.8
100 12.2 9.9 14.9





#21
Benzo(a)anthracene
Concen: 3.053 ng/ul m
RT: 21.110 min Scan# 4097
Delta R.T. -0.035 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

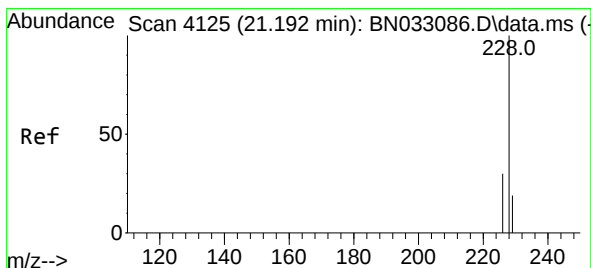
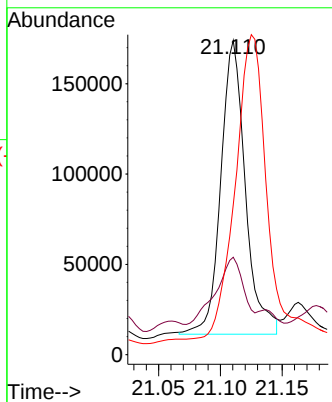
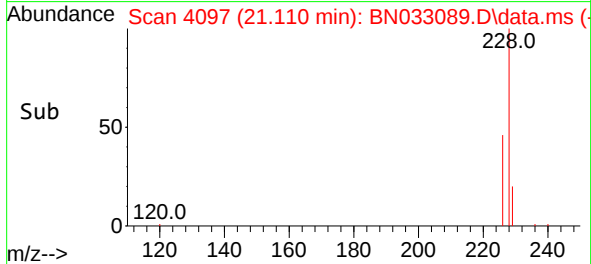
Instrument :
BNA_N
ClientSampleId :
F7E00



Tgt Ion:228 Resp: 224308
Ion Ratio Lower Upper
228 100
229 31.0 17.1 25.7
226 47.7 22.4 33.6

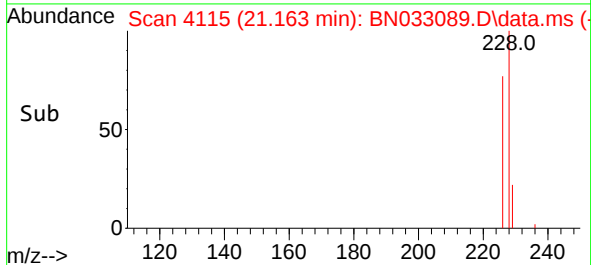
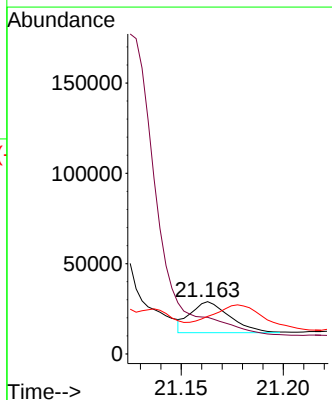
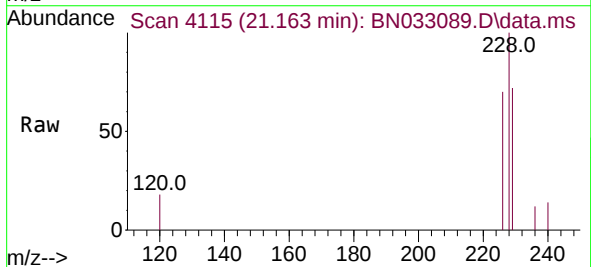
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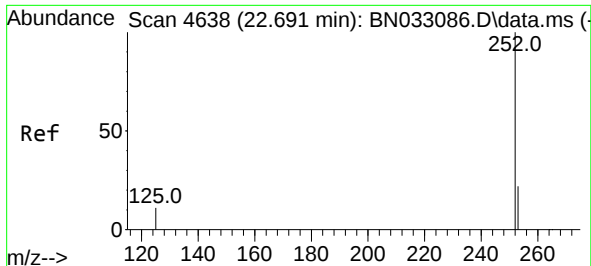
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.267 ng/ul m
RT: 21.163 min Scan# 4115
Delta R.T. -0.032 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

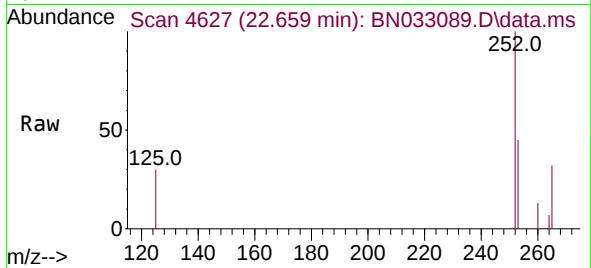
Tgt Ion:228 Resp: 22865
Ion Ratio Lower Upper
228 100
226 70.1 24.7 37.1#
229 71.7 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 0.540 ng/ul m
RT: 22.659 min Scan# 4627
Delta R.T. -0.035 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

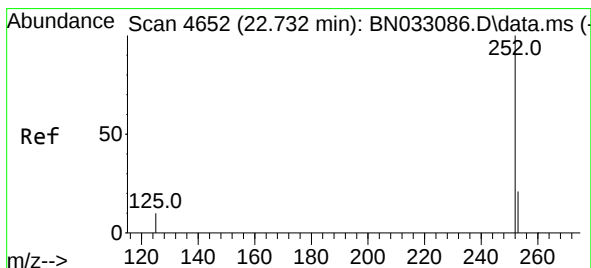
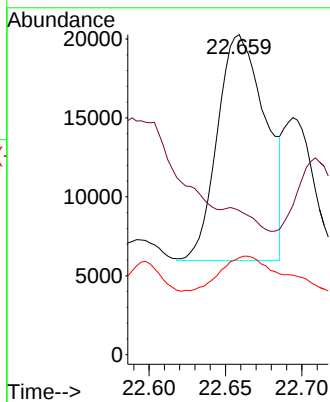
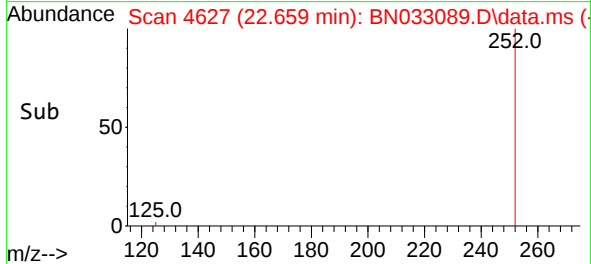
Instrument :
BNA_N
ClientSampleId :
F7E00



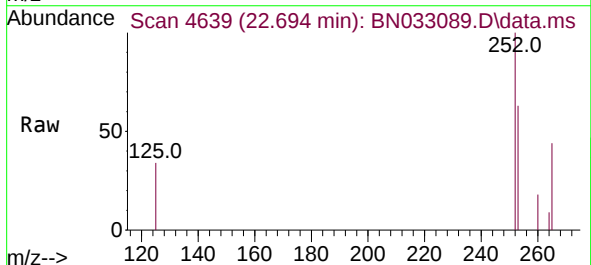
Tgt Ion:252 Resp: 31518
Ion Ratio Lower Upper
252 100
253 45.0 0.0 60.6
125 30.3 0.0 51.0

Manual Integrations
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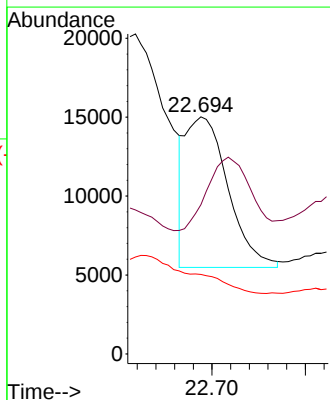
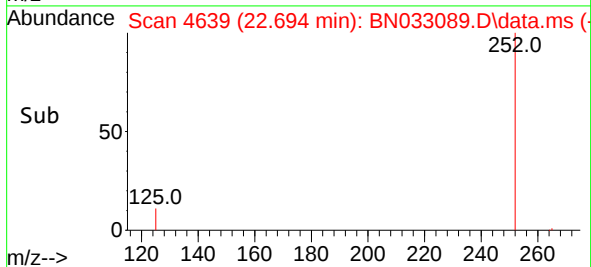
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

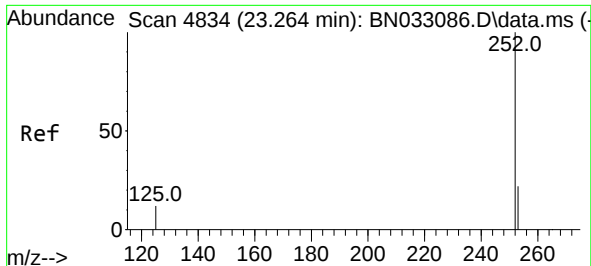


#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.041 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42



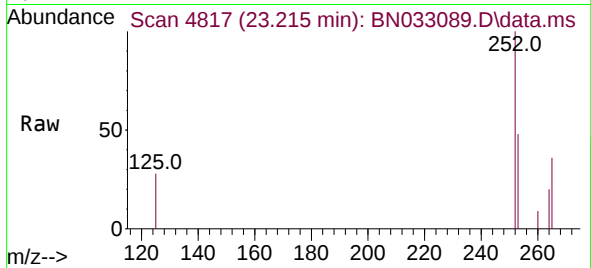
Tgt Ion:252 Resp: 15101
Ion Ratio Lower Upper
252 100
253 62.9 24.9 37.3#
125 33.5 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.581 ng/ul m
RT: 23.215 min Scan# 4834
Delta R.T. -0.047 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

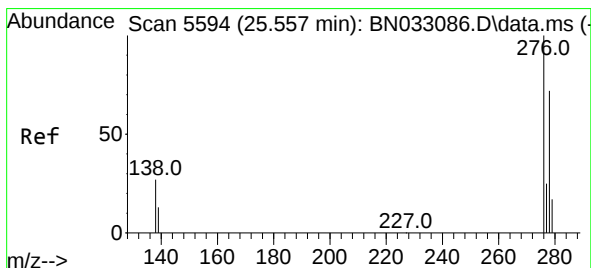
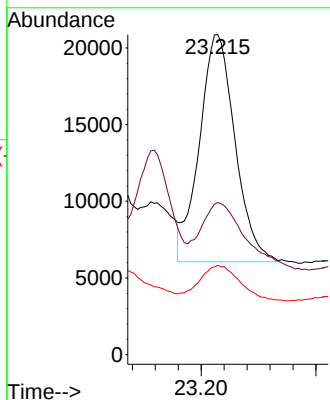
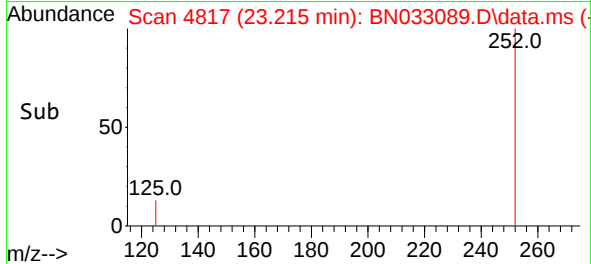
Instrument :
BNA_N
ClientSampleId :
F7E00



Tgt Ion:252 Resp: 3189
Ion Ratio Lower Upper
252 100
253 47.5 27.5 41.3#
125 27.9 27.0 40.6

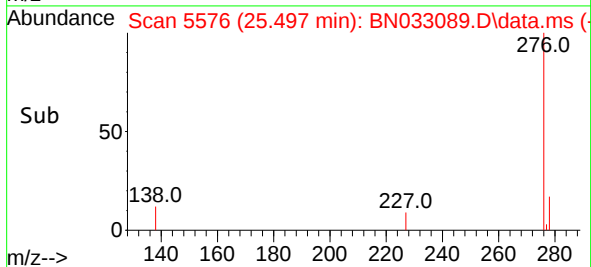
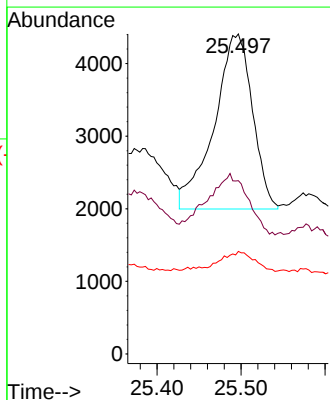
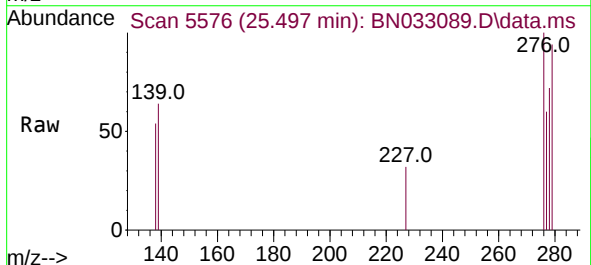
Manual Integrations
APPROVED

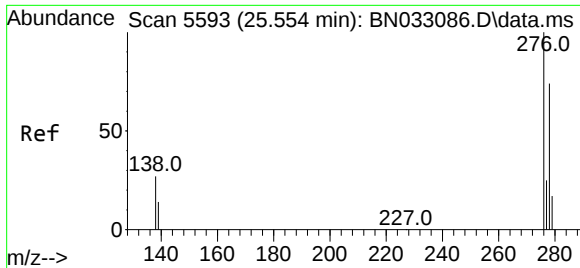
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng/ul m
RT: 25.497 min Scan# 5576
Delta R.T. -0.064 min
Lab File: BN033089.D
Acq: 30 Jul 2024 04:42

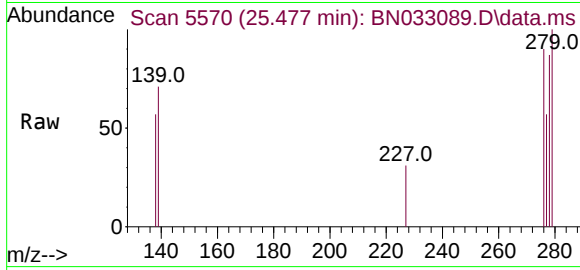
Tgt Ion:276 Resp: 7631
Ion Ratio Lower Upper
276 100
138 7.8 21.8 32.8#
227 1.8 0.2 0.2#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.108 ng/ul m
 RT: 25.477 min Scan# 51
 Delta R.T. -0.084 min
 Lab File: BN033089.D
 Acq: 30 Jul 2024 04:42

Instrument :
 BNA_N
 ClientSampleId :
 F7E00



Tgt Ion:278 Resp: 713
 Ion Ratio Lower Upper
 278 100
 139 80.9 22.5 33.7
 279 114.5 25.5 38.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

