

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033189.D
 Acq On : 02 Aug 2024 05:08
 Operator : MA/JU
 Sample : P3265-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D39

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 05:40:24 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	7.470	152	4301m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.229	136	13064	0.400	ng/ul	#-0.09
9) Acenaphthene-d10	14.115	164	6861	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.882	188	13845	0.400	ng/ul	-0.06
17) Chrysene-d12	21.107	240	10701m	0.400	ng/ul	-0.04
23) Perylene-d12	23.285	264	14271	0.400	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	10399	1.911	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2571	0.121	ng/ul	-0.09
18) Fluoranthene-d10	18.926	212	4919	0.162	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.278	128	23712	0.707	ng/ul#	94
7) 2-Methylnaphthalene	11.917	142	8608	0.379	ng/ul	96
8) 1-Methylnaphthalene	12.137	142	6582	0.268	ng/ul	100
10) Acenaphthylene	13.838	152	47610	1.696	ng/ul	98
11) Acenaphthene	14.180	153	27598	1.307	ng/ul	99
12) Fluorene	15.179	166	29794	1.210	ng/ul	100
14) Pentachlorophenol	16.565	266	271	0.096	ng/ul	94
15) Phenanthrene	16.924	178	645377	17.379	ng/ul	97
16) Anthracene	17.017	178	125652	3.763	ng/ul	98
19) Fluoranthene	18.958	202	1330657	37.766	ng/ul	97
20) Pyrene	19.325	202	1056865	27.971	ng/ul	97
21) Benzo(a)anthracene	21.090	228	624135	17.099	ng/ul	100
22) Chrysene	21.145	228	696951m	16.361	ng/ul	
24) Benzo(b)fluoranthene	22.636	252	1067758m	25.613	ng/ul	
25) Benzo(k)fluoranthene	22.671	252	335272m	6.711	ng/ul	
26) Benzo(a)pyrene	23.185	252	505558m	12.885	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.457	276	462319	7.749	ng/ul	90
28) Dibenzo(a,h)anthracene	25.450	278	136503m	2.887	ng/ul	
29) Benzo(g,h,i)perylene	26.131	276	75440	1.591	ng/ul	97

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

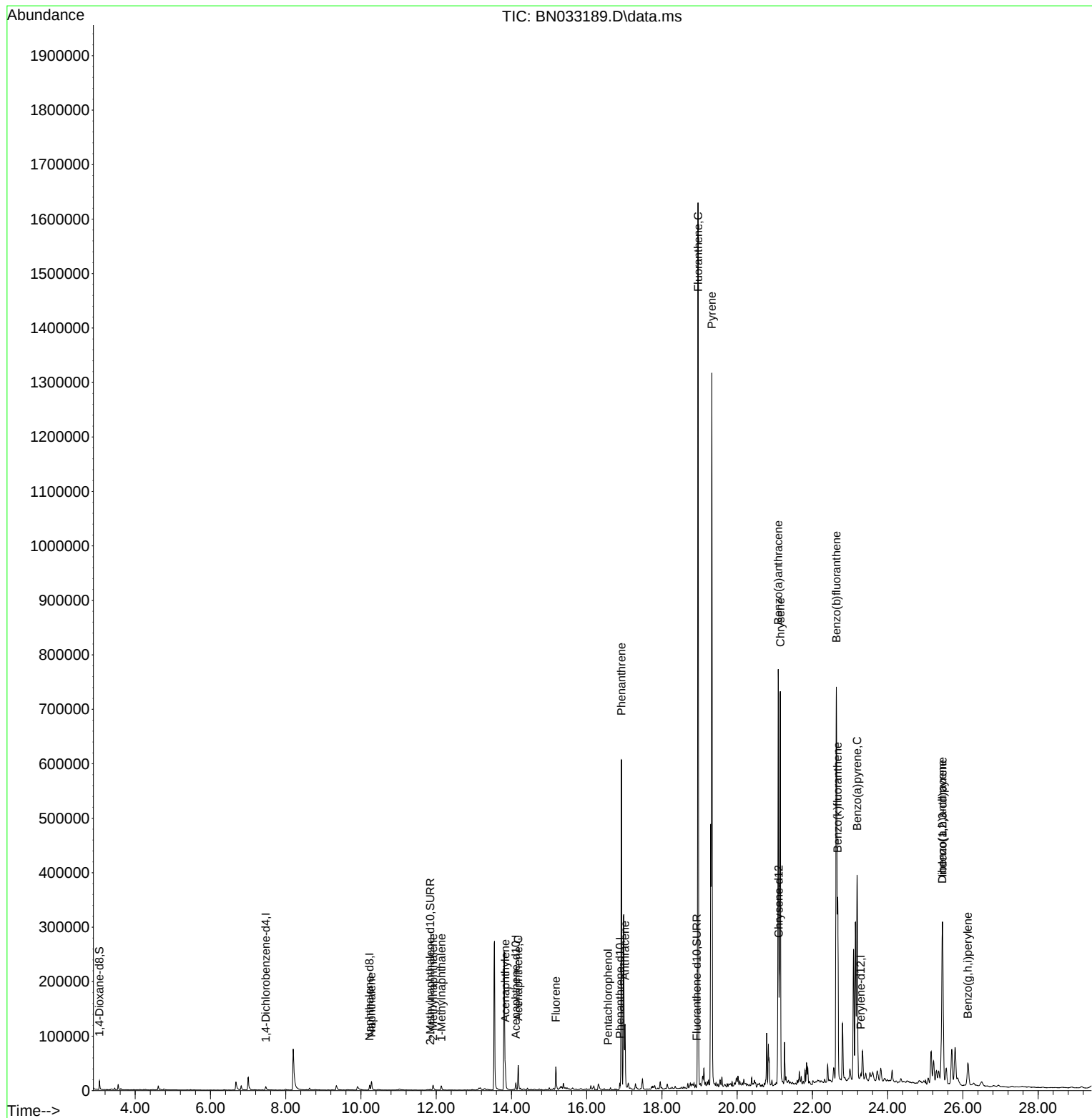
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033189.D
Acq On : 02 Aug 2024 05:08
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ALS Vial : 23 Sample Multiplier: 1

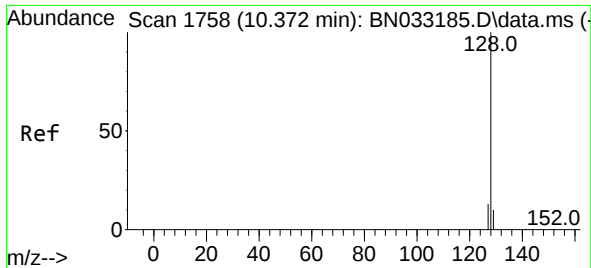
Instrument :
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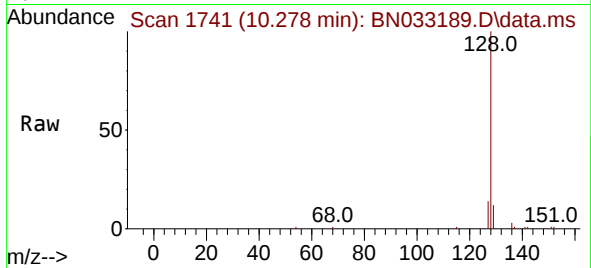
Quant Time: Aug 02 05:40:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.707 ng/ul
RT: 10.278 min Scan# 1758
Delta R.T. -0.099 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

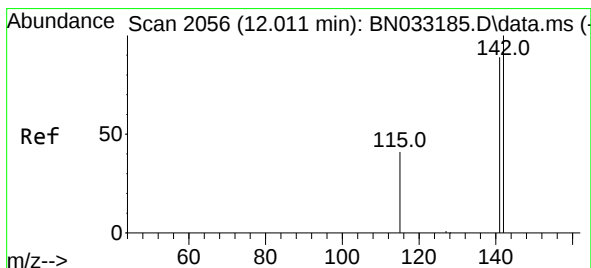
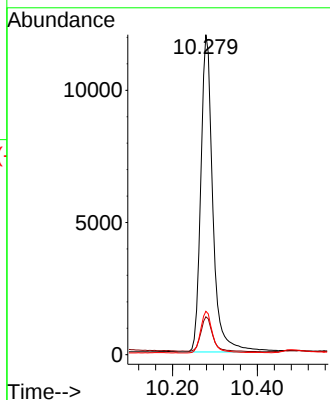
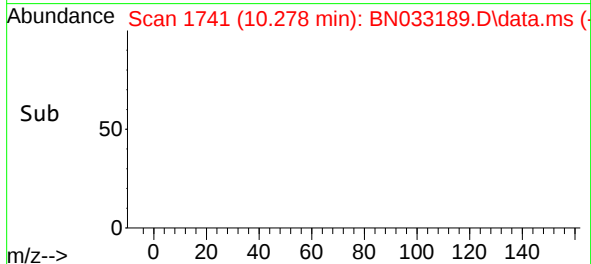
Instrument :
BNA_N
ClientSampleId :
A4D39



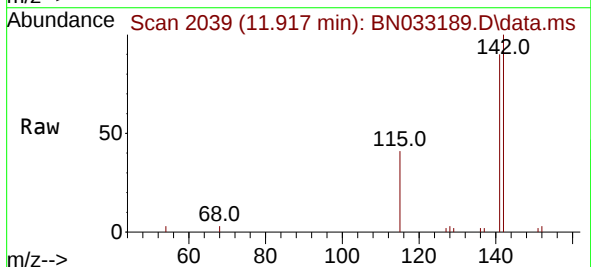
Tgt Ion:128 Resp: 23712
Ion Ratio Lower Upper
128 100
129 11.9 12.0 18.0
127 13.6 12.7 19.1

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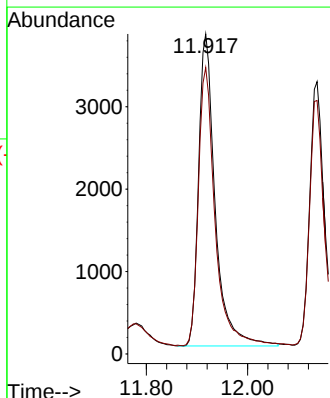
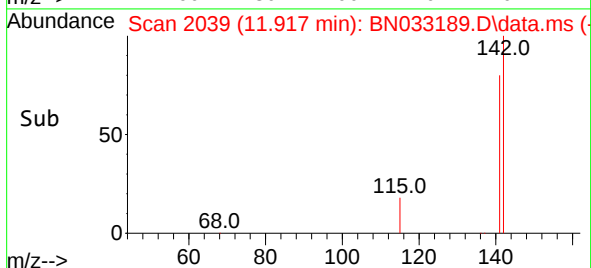
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

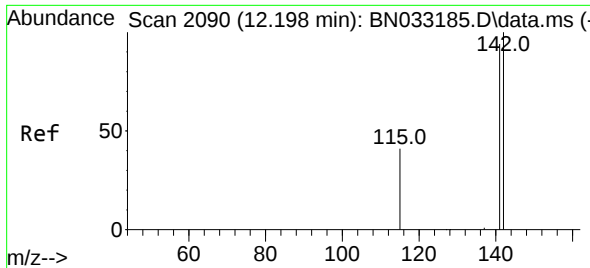


#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.917 min Scan# 2039
Delta R.T. -0.088 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08



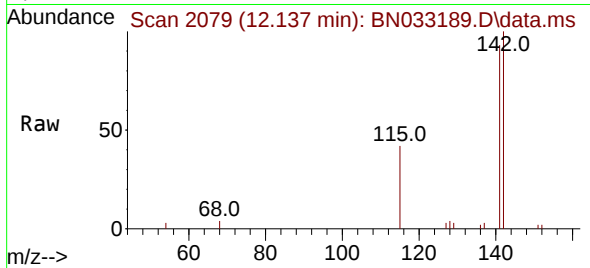
Tgt Ion:142 Resp: 8608
Ion Ratio Lower Upper
142 100
141 89.9 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.137 min Scan# 2090
Delta R.T. -0.060 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

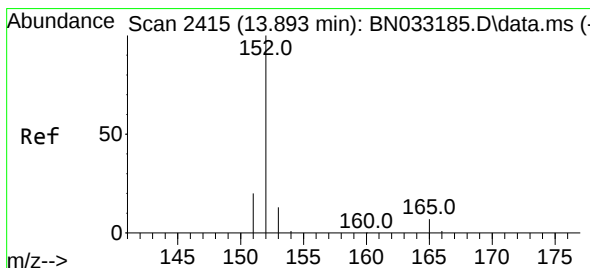
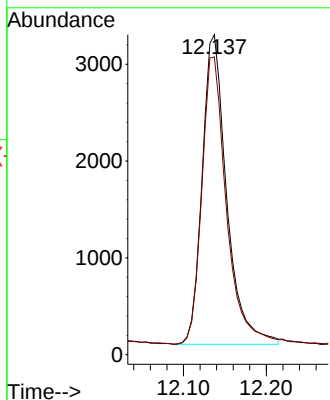
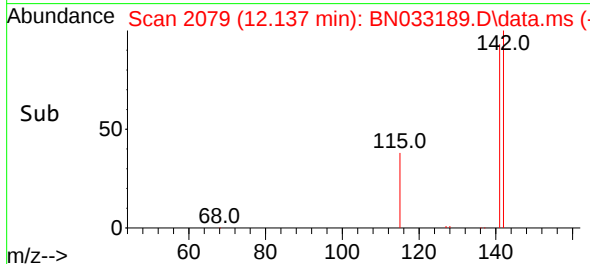
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 6582
Ion Ratio Lower Upper
142 100
141 93.2 74.3 111.5

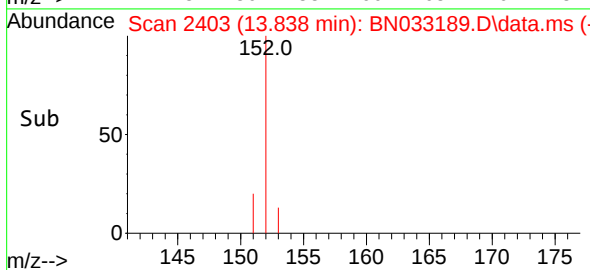
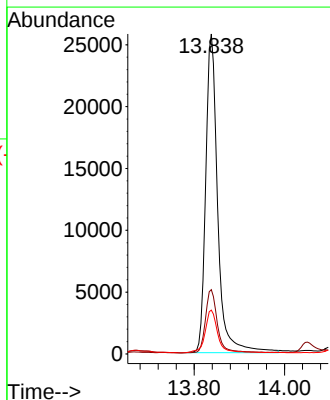
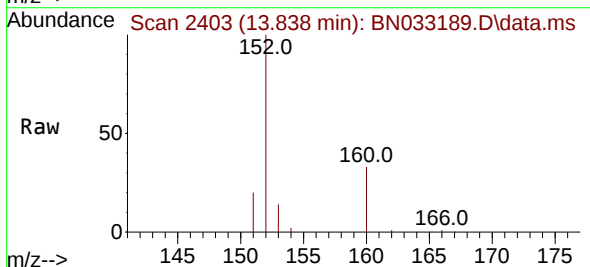
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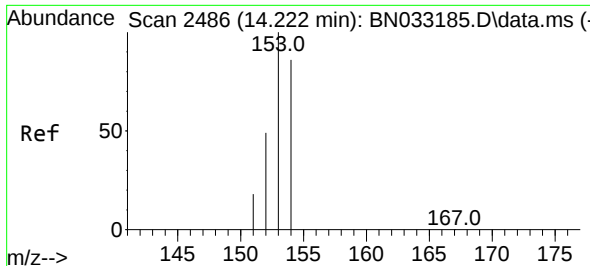
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 1.696 ng/ul
RT: 13.838 min Scan# 2403
Delta R.T. -0.060 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

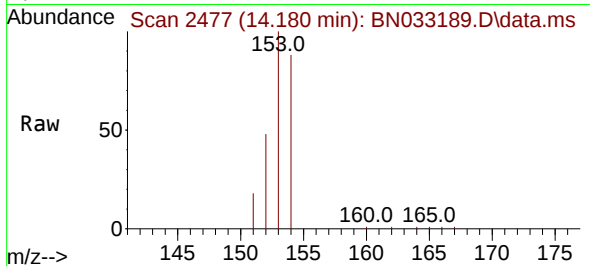
Tgt Ion:152 Resp: 47610
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.7 11.9 17.9





#11
Acenaphthene
Concen: 1.307 ng/ul
RT: 14.180 min Scan# 2477
Delta R.T. -0.046 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

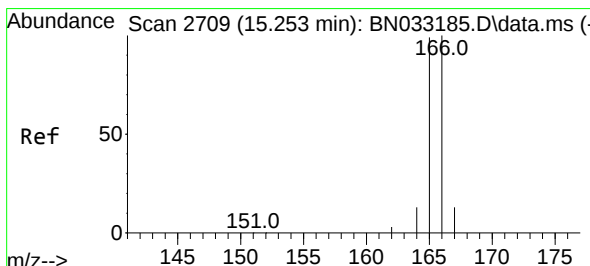
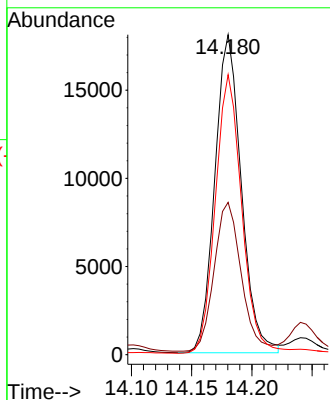
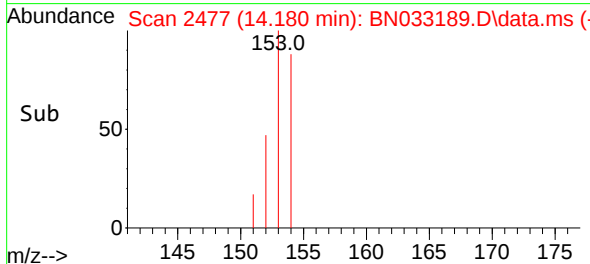
Instrument :
BNA_N
ClientSampleId :
A4D39



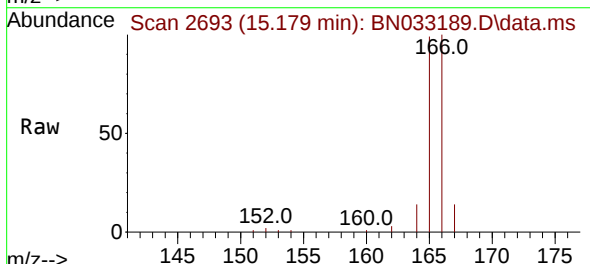
Tgt Ion:153 Resp: 27598
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 87.5 70.1 105.1

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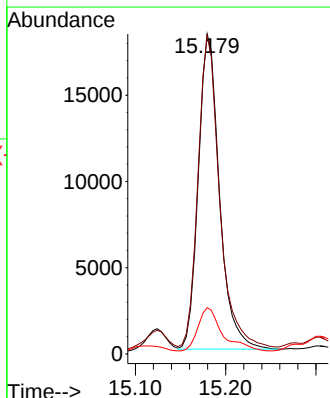
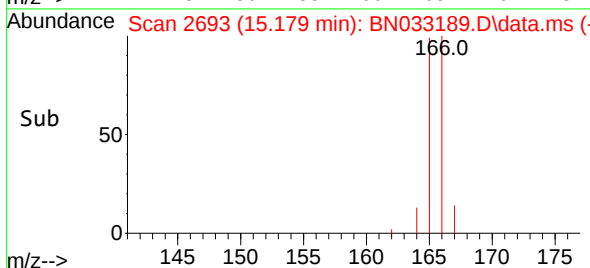
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

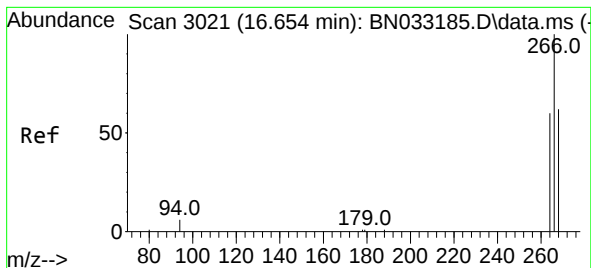


#12
Fluorene
Concen: 1.210 ng/ul
RT: 15.179 min Scan# 2693
Delta R.T. -0.069 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08



Tgt Ion:166 Resp: 29794
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 14.5 12.2 18.4





#14

Pentachlorophenol

Concen: 0.096 ng/u1

RT: 16.565 min Scan# 3000

Delta R.T. -0.076 min

Lab File: BN033189.D

Acq: 02 Aug 2024 05:08

Instrument :

BNA_N

ClientSampleId :

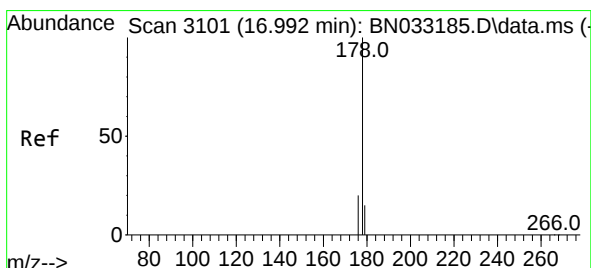
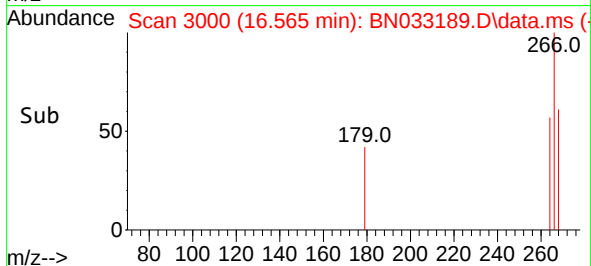
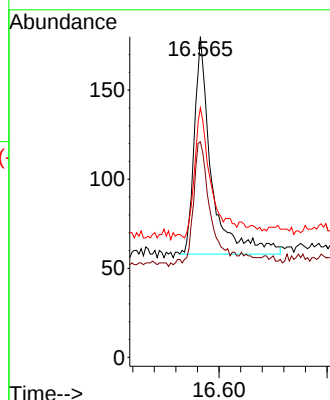
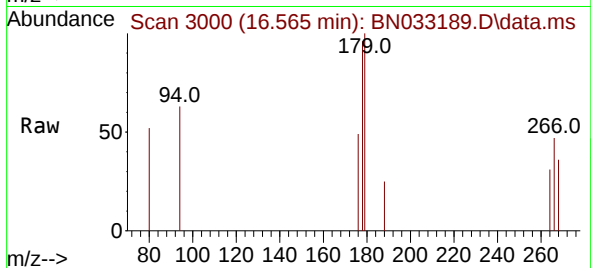
A4D39

Tgt Ion:	266	Resp:	27
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.3	73.9
268	56.5	51.8	77.8

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#15

Phenanthrene

Concen: 17.379 ng/u1

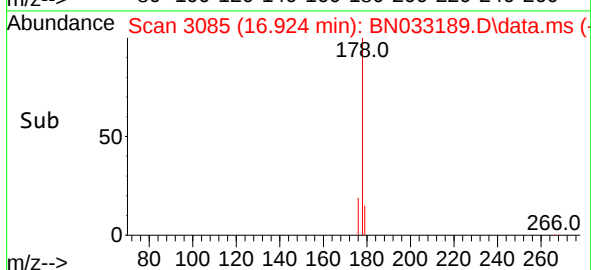
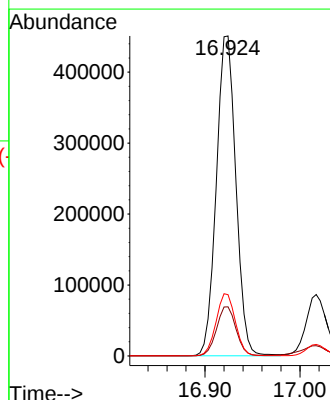
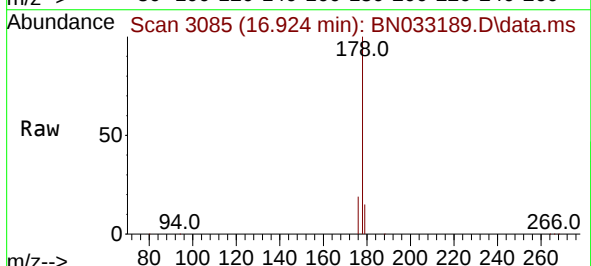
RT: 16.924 min Scan# 3085

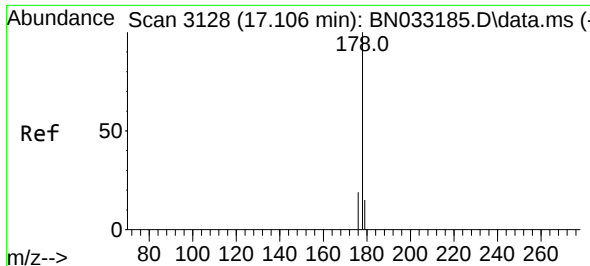
Delta R.T. -0.059 min

Lab File: BN033189.D

Acq: 02 Aug 2024 05:08

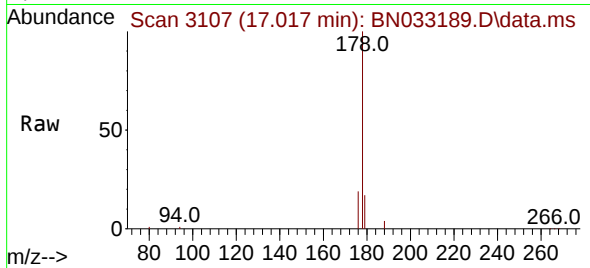
Tgt Ion:	178	Resp:	645377
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.7	20.5
176	19.1	15.9	23.9





#16
 Anthracene
 Concen: 3.763 ng/ul
 RT: 17.017 min Scan# 3128
 Delta R.T. -0.072 min
 Lab File: BN033189.D
 Acq: 02 Aug 2024 05:08

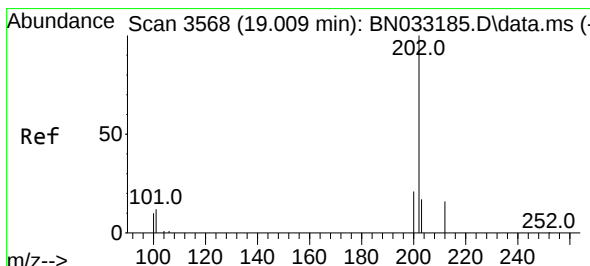
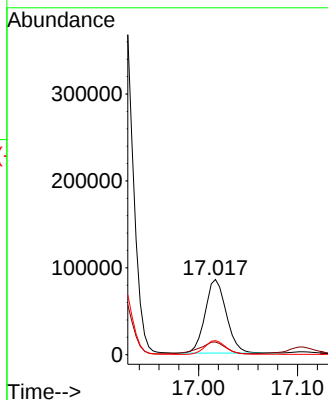
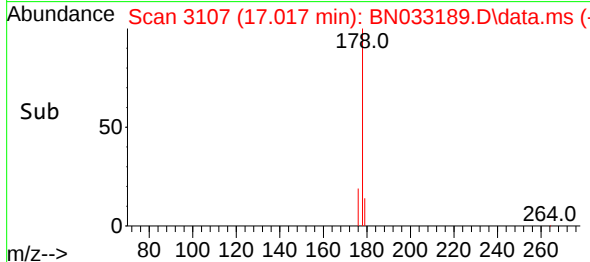
Instrument :
 BNA_N
 ClientSampleId :
 A4D39



Tgt Ion:178 Resp: 125652
 Ion Ratio Lower Upper
 178 100
 179 16.8 14.3 21.5
 176 18.8 15.8 23.8

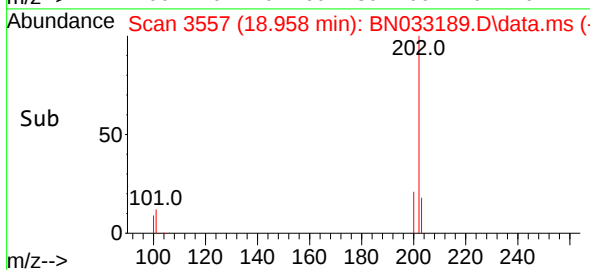
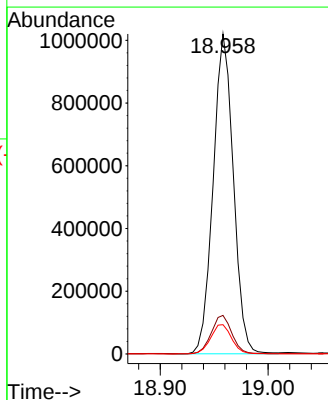
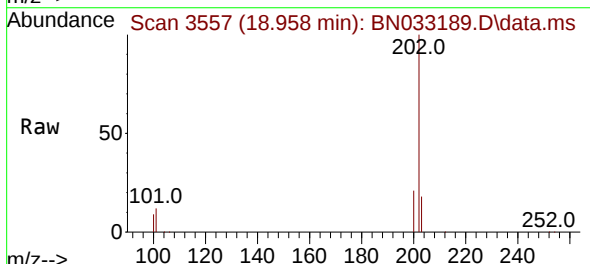
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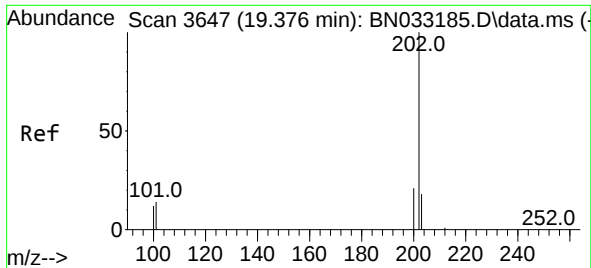
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#19
 Fluoranthene
 Concen: 37.766 ng/ul
 RT: 18.958 min Scan# 3557
 Delta R.T. -0.046 min
 Lab File: BN033189.D
 Acq: 02 Aug 2024 05:08

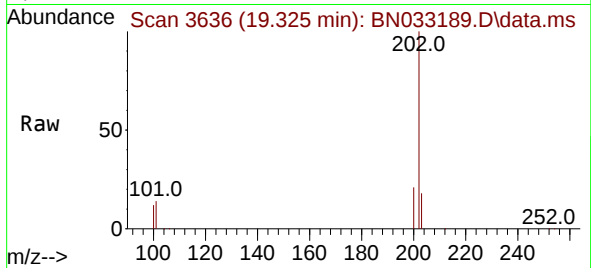
Tgt Ion:202 Resp: 1330657
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.7 16.1
 100 9.2 8.3 12.5





#20
Pyrene
Concen: 27.971 ng/ul
RT: 19.325 min Scan# 30
Delta R.T. -0.046 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

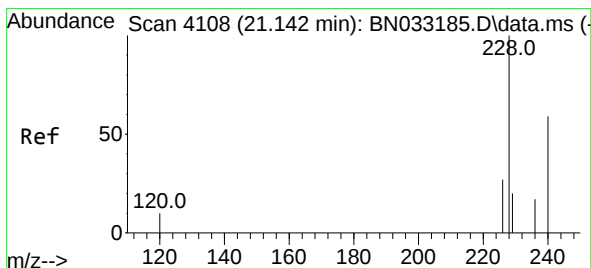
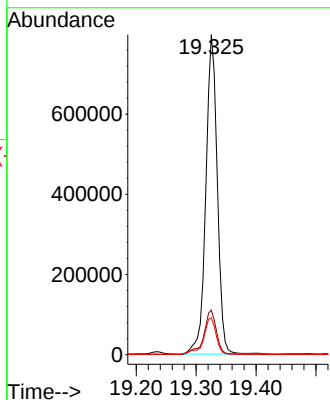
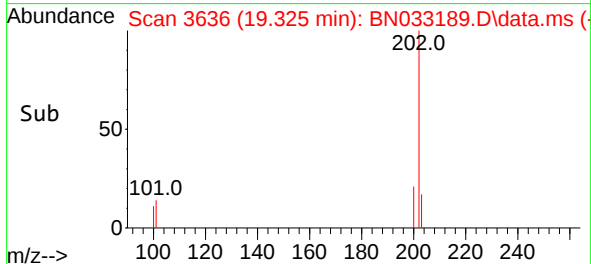
Instrument :
BNA_N
ClientSampleId :
A4D39



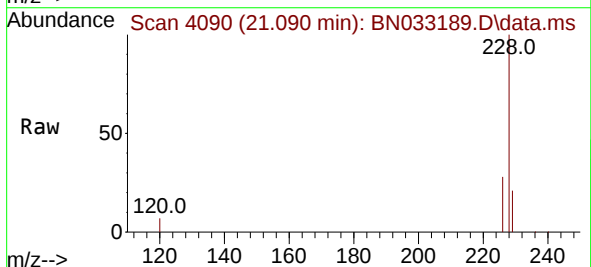
Tgt Ion:202 Resp: 105686
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.5 9.9 14.9

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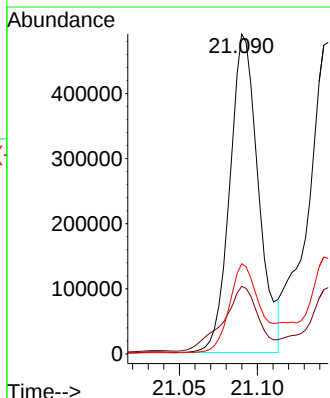
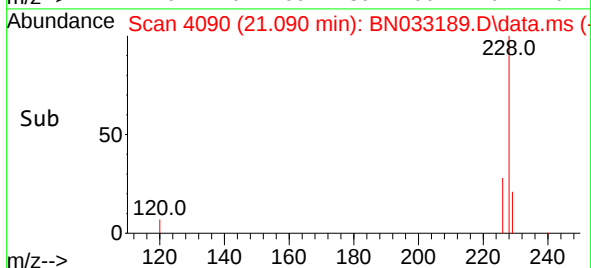
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

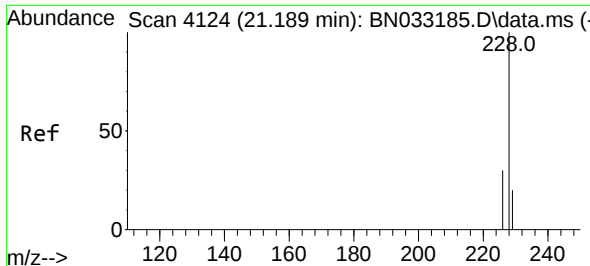


#21
Benzo(a)anthracene
Concen: 17.099 ng/ul
RT: 21.090 min Scan# 4090
Delta R.T. -0.046 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08



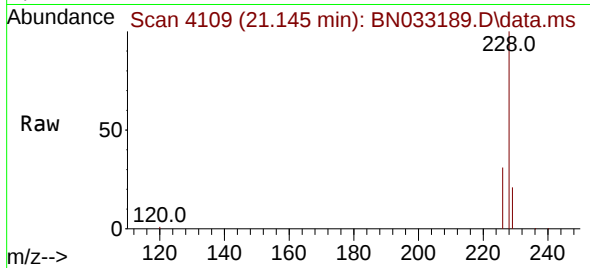
Tgt Ion:228 Resp: 624135
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.2 22.4 33.6





#22
Chrysene
Concen: 16.361 ng/ul m
RT: 21.145 min Scan# 4109
Delta R.T. -0.044 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

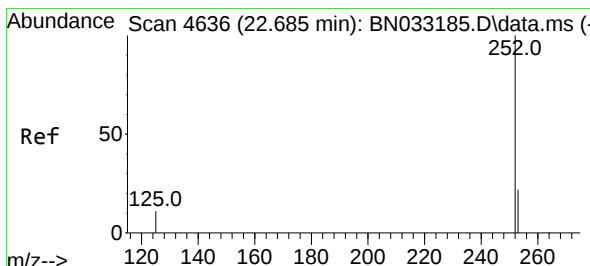
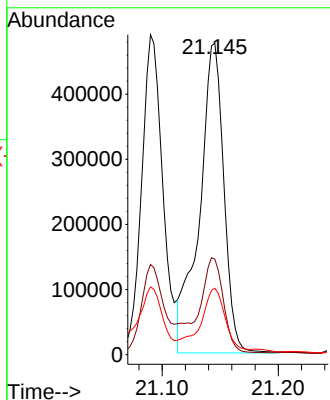
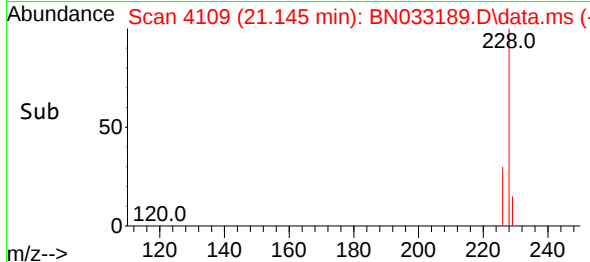
Instrument :
BNA_N
ClientSampleId :
A4D39



Tgt Ion:228 Resp: 69695
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 21.3 17.0 25.6

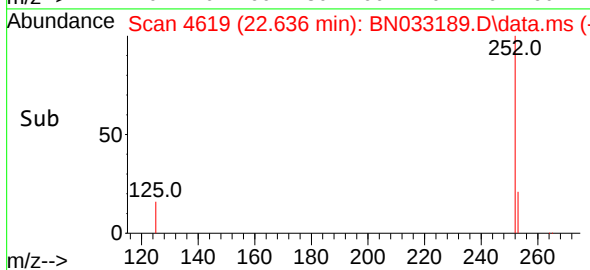
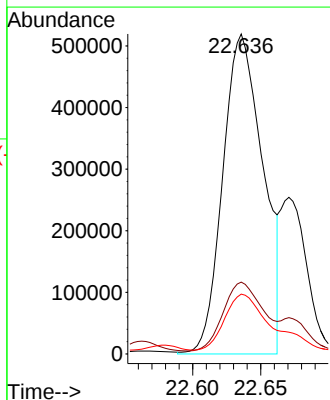
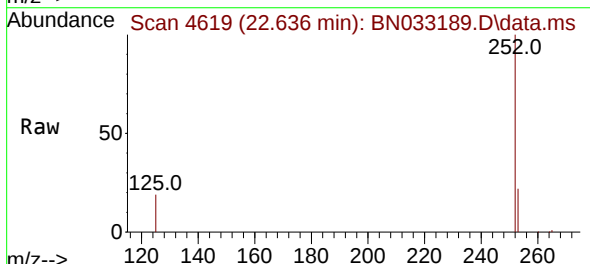
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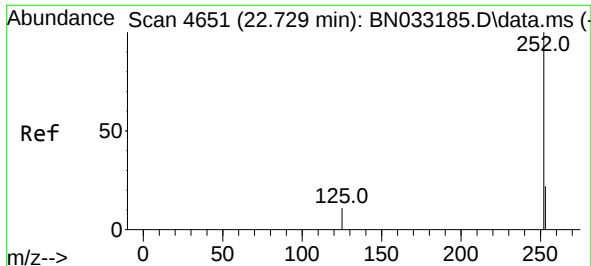
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#24
Benzo(b)fluoranthene
Concen: 25.613 ng/ul m
RT: 22.636 min Scan# 4619
Delta R.T. -0.047 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

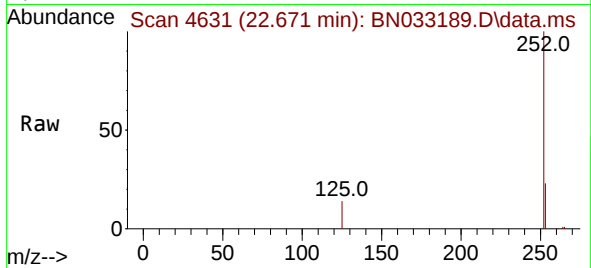
Tgt Ion:252 Resp: 1067758
Ion Ratio Lower Upper
252 100
253 22.5 0.0 60.6
125 18.7 0.0 51.0





#25
Benzo(k)fluoranthene
Concen: 6.711 ng/ul m
RT: 22.671 min Scan# 4631
Delta R.T. -0.055 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

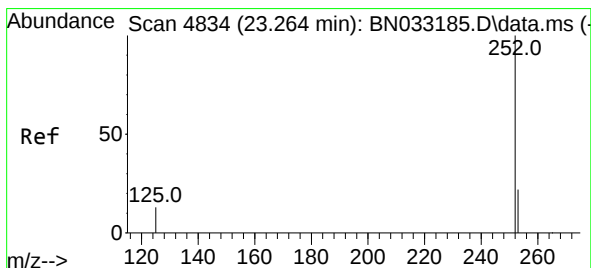
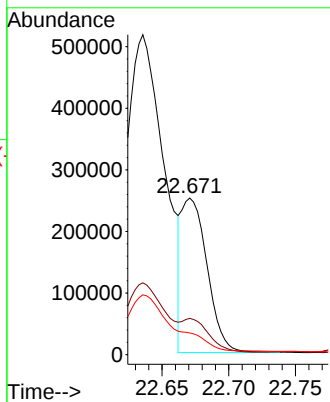
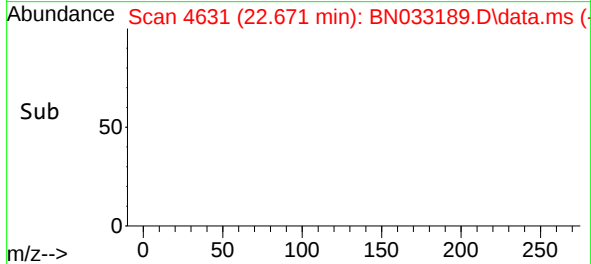
Instrument :
BNA_N
ClientSampleId :
A4D39



Tgt Ion:252 Resp: 335272
Ion Ratio Lower Upper
252 100
253 23.2 24.9 37.3#
125 13.9 20.9 31.3#

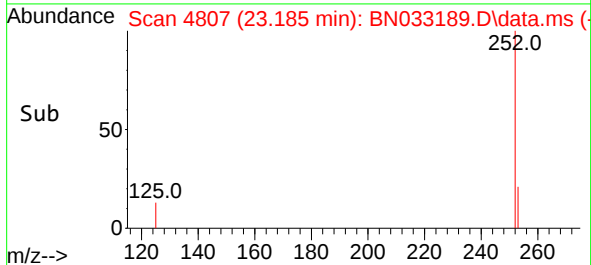
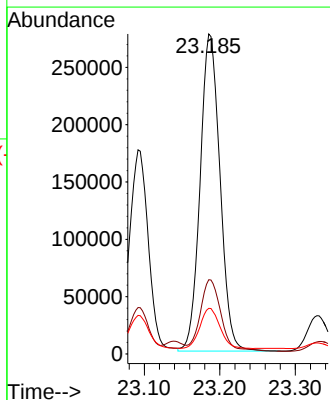
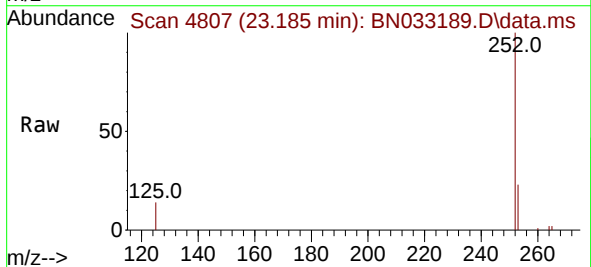
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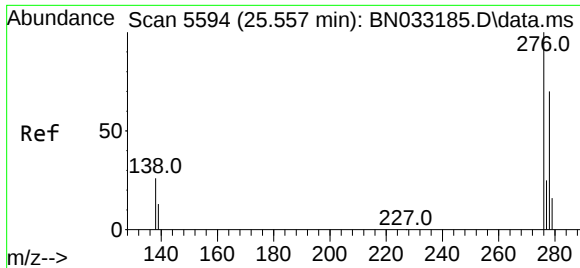
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#26
Benzo(a)pyrene
Concen: 12.885 ng/ul m
RT: 23.185 min Scan# 4807
Delta R.T. -0.064 min
Lab File: BN033189.D
Acq: 02 Aug 2024 05:08

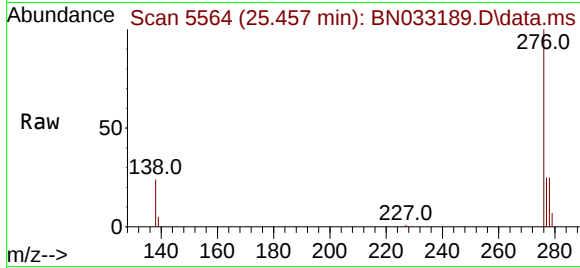
Tgt Ion:252 Resp: 505558
Ion Ratio Lower Upper
252 100
253 23.2 27.5 41.3#
125 14.3 27.0 40.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.749 ng/ul
 RT: 25.457 min Scan# 5564
 Delta R.T. -0.084 min
 Lab File: BN033189.D
 Acq: 02 Aug 2024 05:08

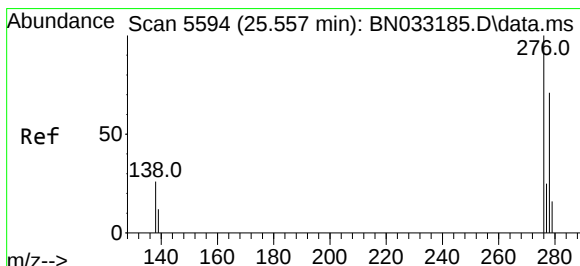
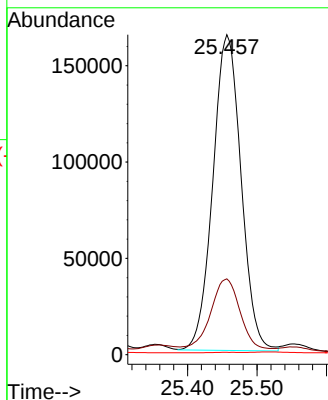
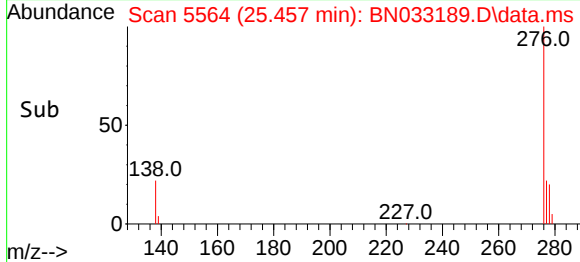
Instrument :
 BNA_N
 ClientSampleId :
 A4D39



Tgt Ion: 276 Resp: 462319
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.8 32.8
 227 0.2 0.2 0.2

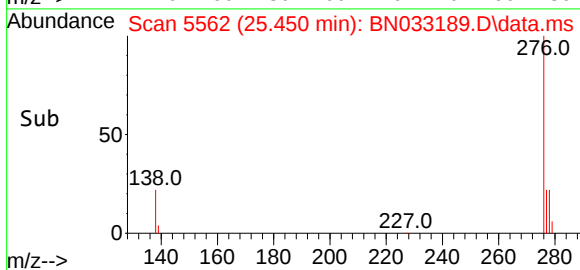
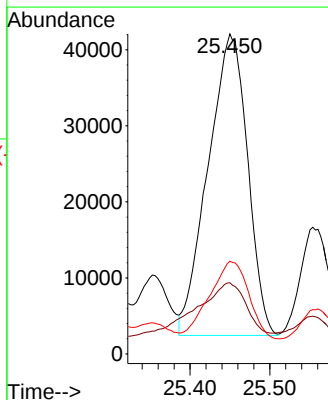
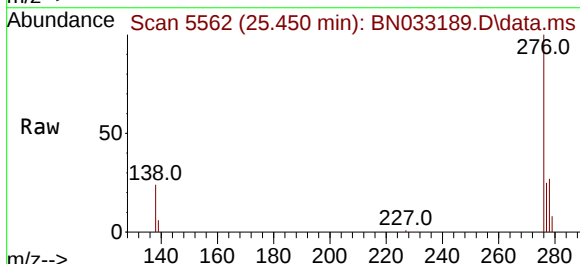
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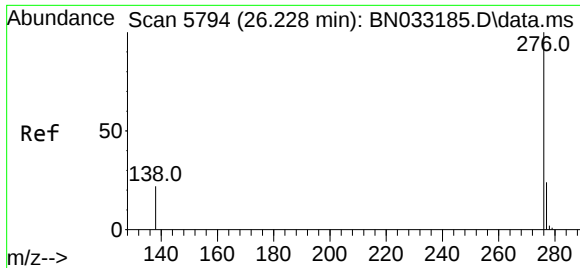
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 2.887 ng/ul m
 RT: 25.450 min Scan# 5562
 Delta R.T. -0.090 min
 Lab File: BN033189.D
 Acq: 02 Aug 2024 05:08

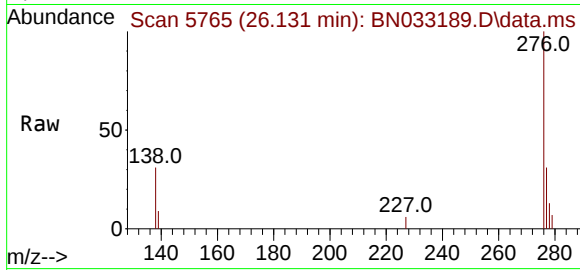
Tgt Ion: 278 Resp: 136503
 Ion Ratio Lower Upper
 278 100
 139 22.3 22.5 33.7#
 279 29.0 25.5 38.3





#29
 Benzo(g,h,i)perylene
 Concen: 1.591 ng/ul
 RT: 26.131 min Scan# 51
 Delta R.T. -0.087 min
 Lab File: BN033189.D
 Acq: 02 Aug 2024 05:08

Instrument :
 BNA_N
 ClientSampleId :
 A4D39



Tgt Ion:276 Resp: 75440
 Ion Ratio Lower Upper
 276 100
 138 31.3 24.6 37.0
 277 30.9 22.6 34.0

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

