

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032377.D
 Acq On : 02 Jul 2024 00:21
 Operator : MA/JU
 Sample : P2934-13DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 01:30:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8225	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	23644	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12238	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.007	188	22850m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	18539m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	22550	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	6154	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1528	0.043	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2790	0.050	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	13964	0.223	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	4111	0.099	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	3171	0.074	ng/ul	100
10) Acenaphthylene	13.975	152	4412	0.087	ng/ul#	88
11) Acenaphthene	14.318	153	17221	0.436	ng/ul	99
12) Fluorene	15.312	166	14303	0.304	ng/ul	99
15) Phenanthrene	17.050	178	255076m	4.072	ng/ul	
16) Anthracene	17.143	178	35315m	0.632	ng/ul	
19) Fluoranthene	19.078	202	331311	4.693	ng/ul	100
20) Pyrene	19.440	202	228124	3.092	ng/ul	99
21) Benzo(a)anthracene	21.194	228	120487	1.801	ng/ul	97
22) Chrysene	21.246	228	129204	1.759	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	169594m	1.731	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	57393m	0.603	ng/ul	
26) Benzo(a)pyrene	23.330	252	59332	0.870	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.659	276	51574	0.483	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.663	278	18012	0.227	ng/ul#	74
29) Benzo(g,h,i)perylene	26.350	276	7871	0.093	ng/ul#	64

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

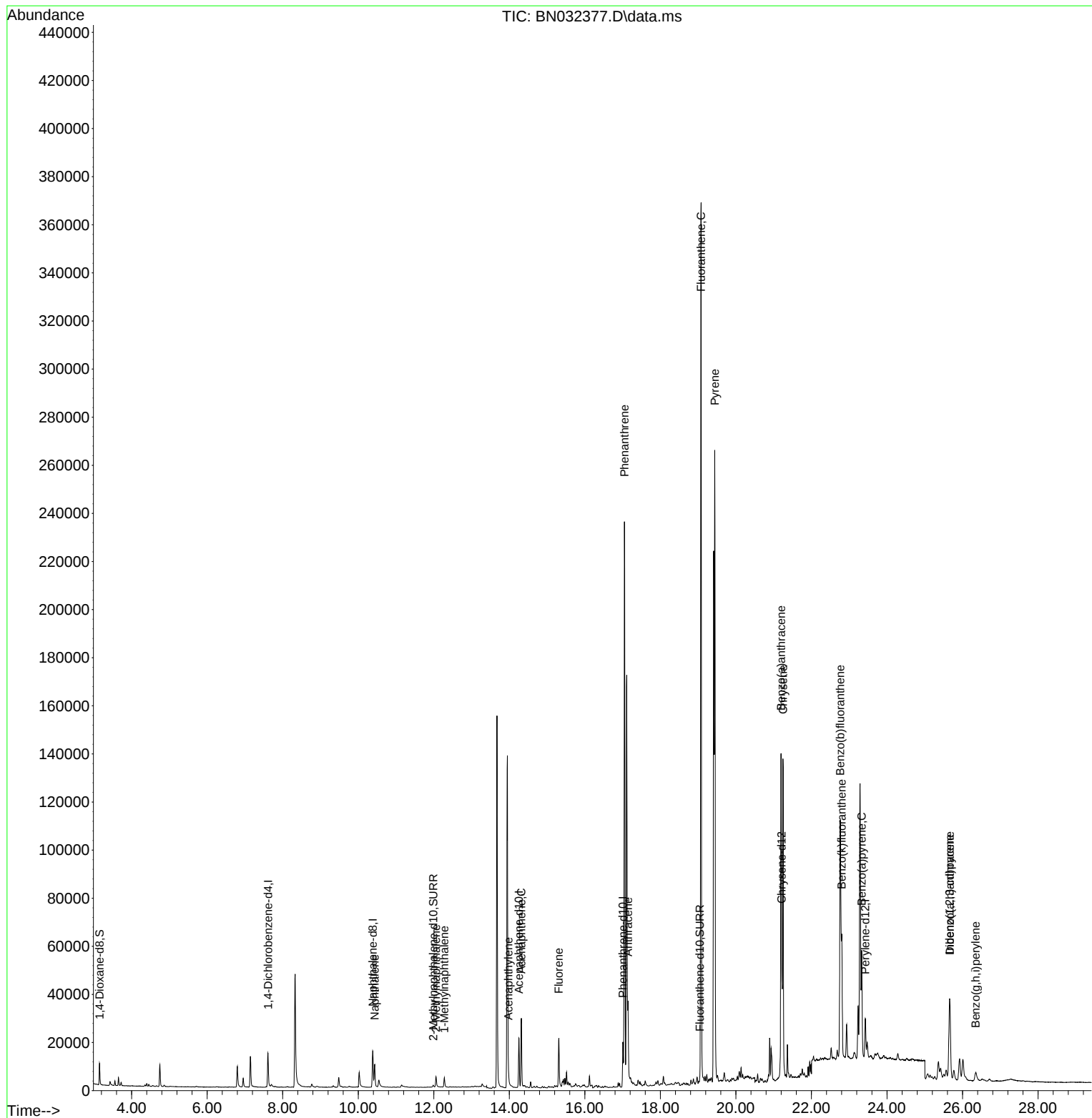
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
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ALS Vial : 22 Sample Multiplier: 1

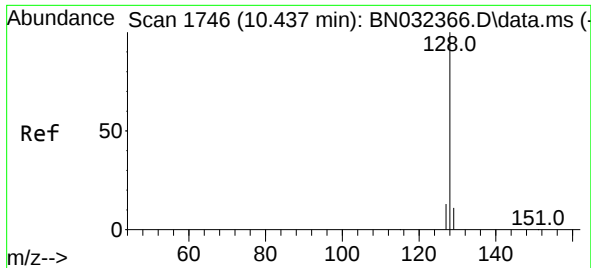
Instrument :
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A4CP9DL

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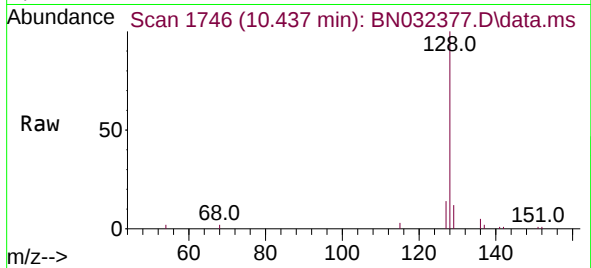
Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.223 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

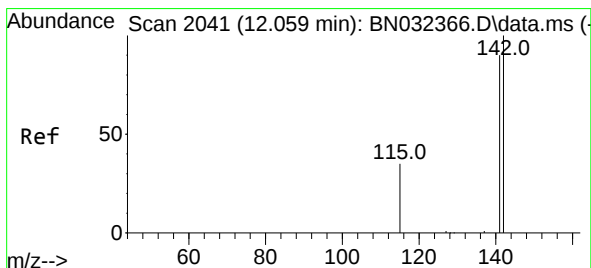
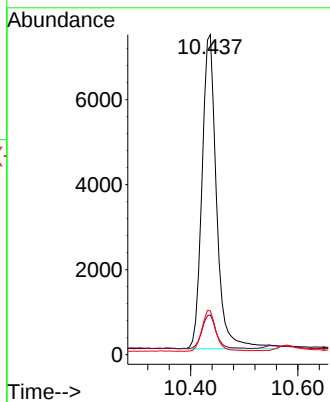
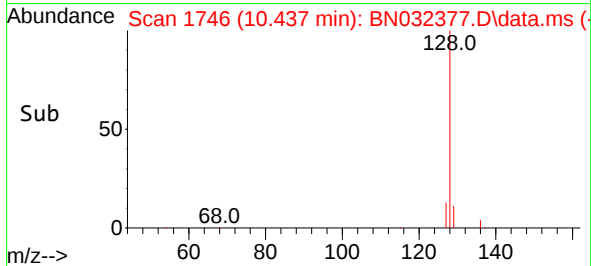
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



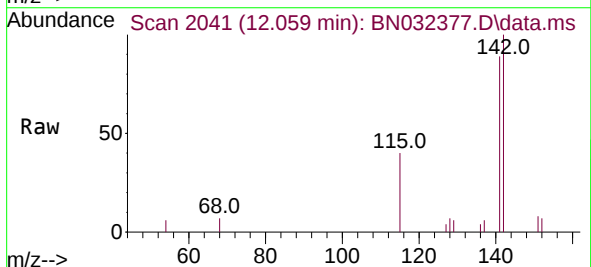
Tgt Ion:128 Resp: 13964
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.7 10.8 16.2

Manual Integrations
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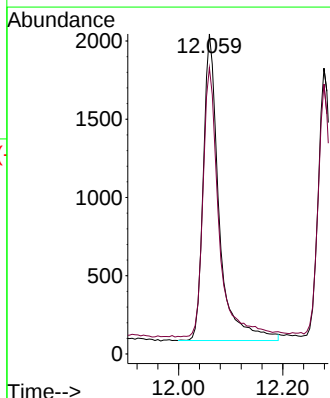
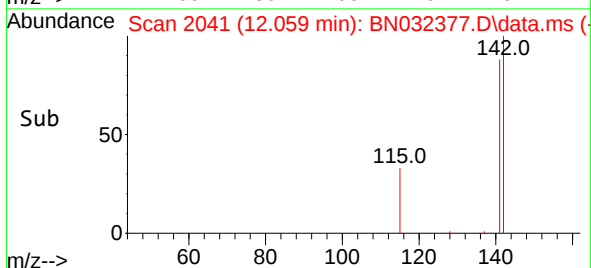
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

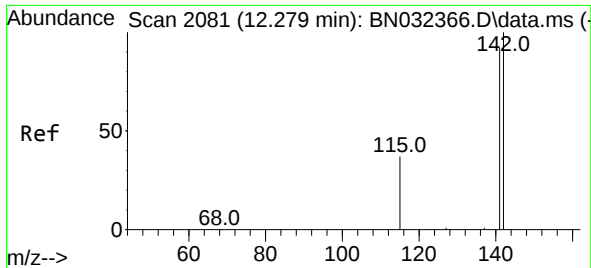


#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21



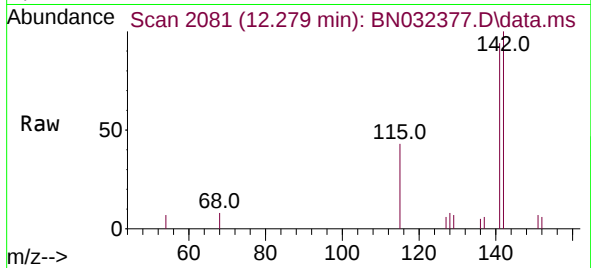
Tgt Ion:142 Resp: 4111
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

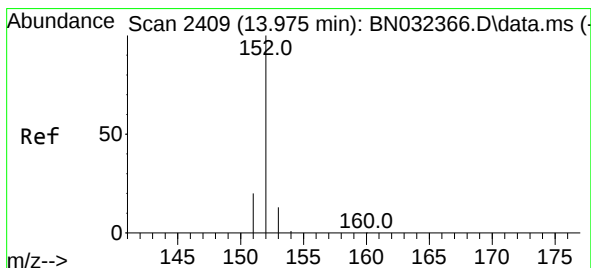
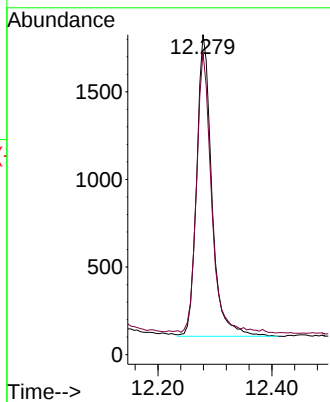
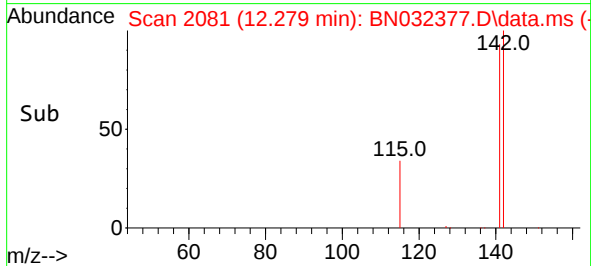
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



Tgt Ion:142 Resp: 317
Ion Ratio Lower Upper
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141 92.0 73.4 110.0

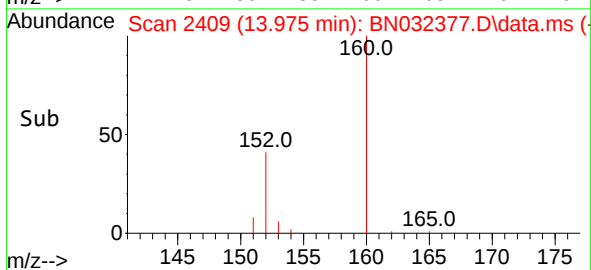
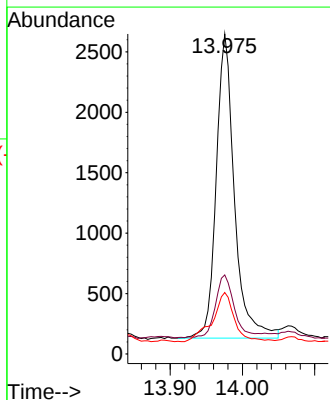
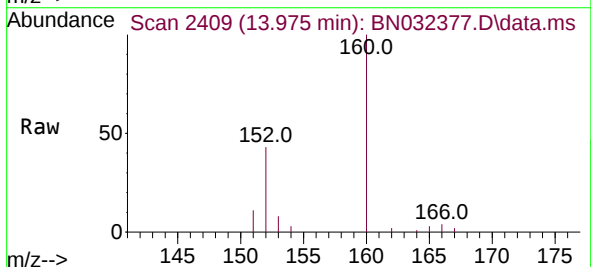
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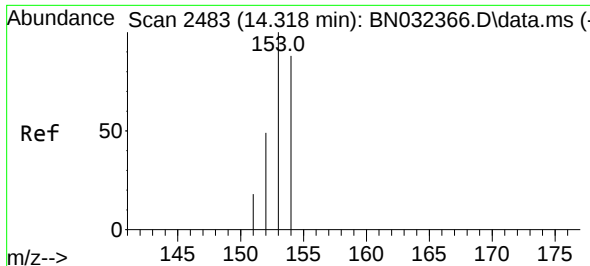
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

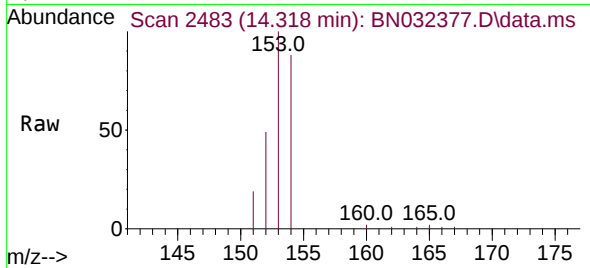
Tgt Ion:152 Resp: 4412
Ion Ratio Lower Upper
152 100
151 24.7 15.7 23.5#
153 19.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

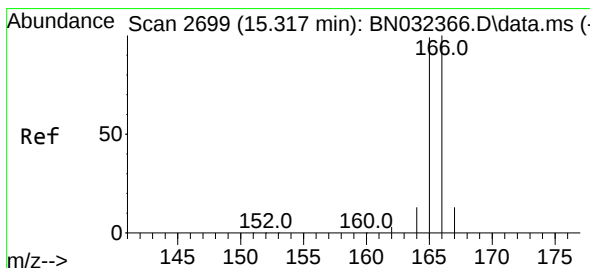
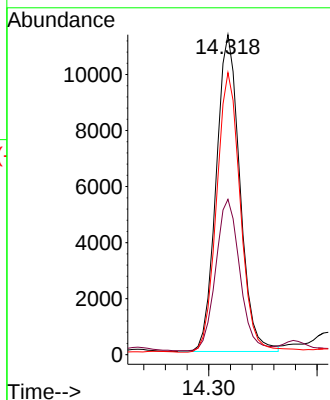
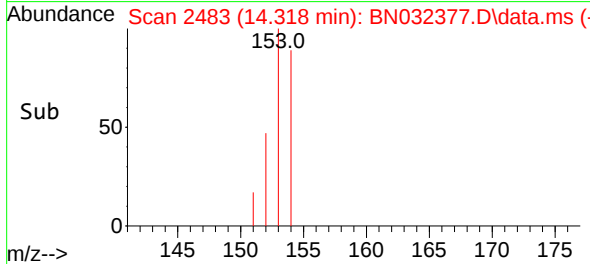
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



Tgt Ion:153 Resp: 1722
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 88.2 71.7 107.5

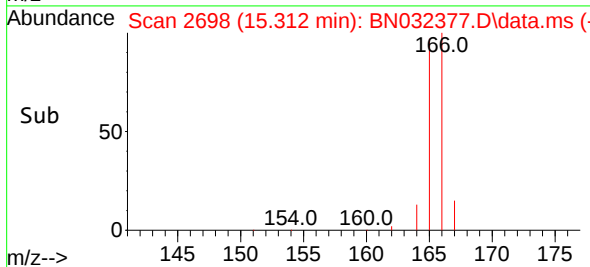
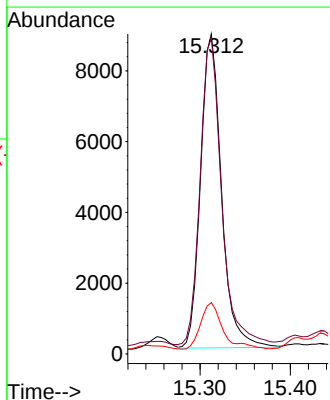
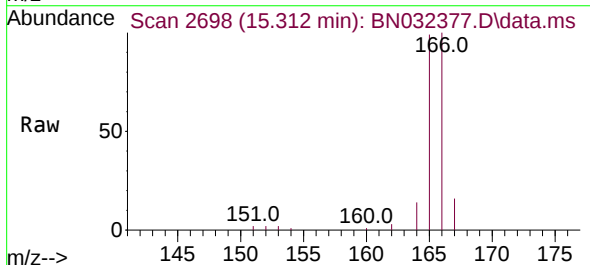
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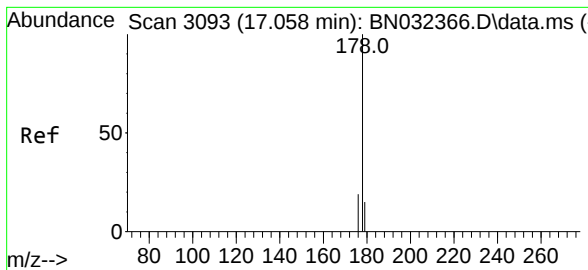
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

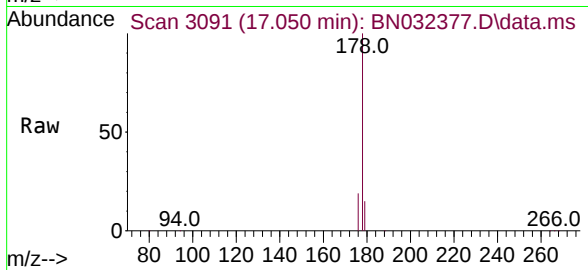
Tgt Ion:166 Resp: 14303
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 16.0 11.0 16.6





#15
Phenanthrene
Concen: 4.072 ng/ul m
RT: 17.050 min Scan# 3093
Delta R.T. -0.017 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

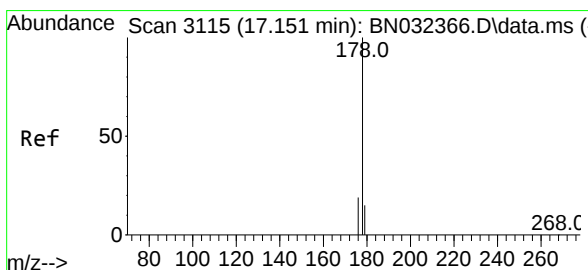
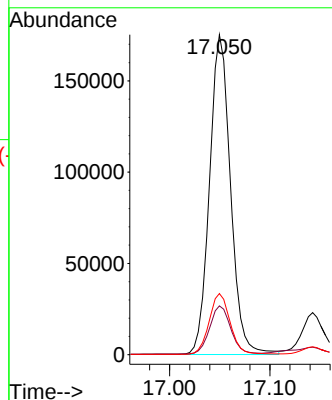
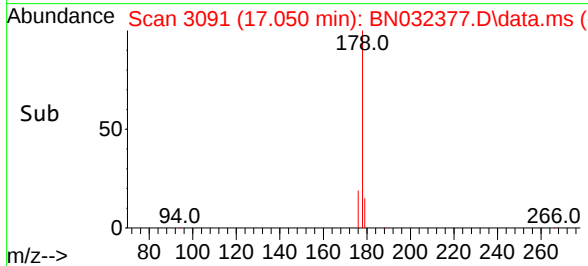
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



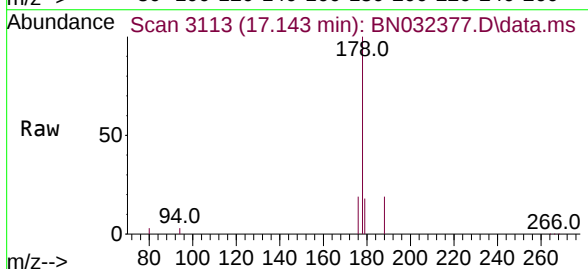
Tgt Ion:178 Resp: 255070
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.1 15.6 23.4

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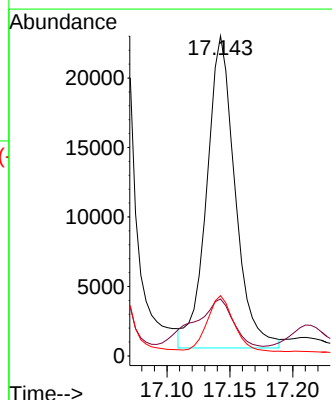
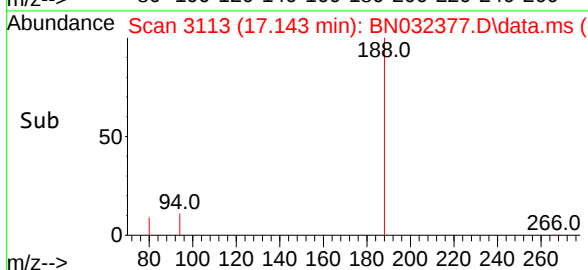
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

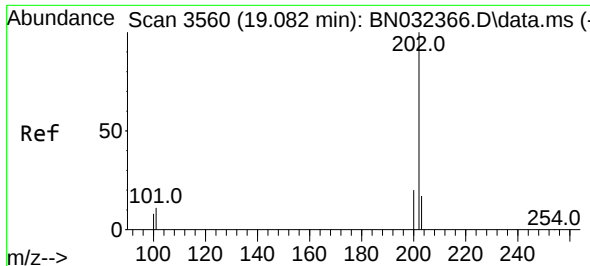


#16
Anthracene
Concen: 0.632 ng/ul m
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21



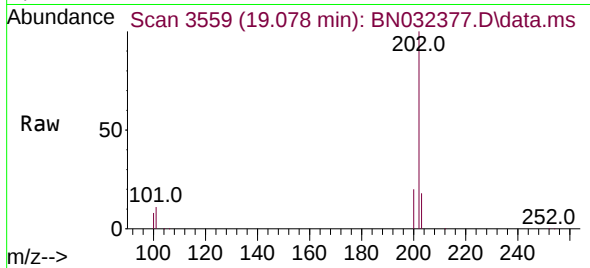
Tgt Ion:178 Resp: 35315
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 4.693 ng/u1
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

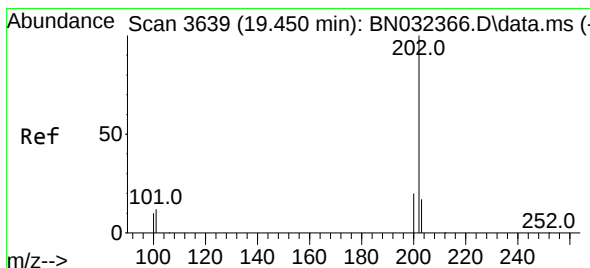
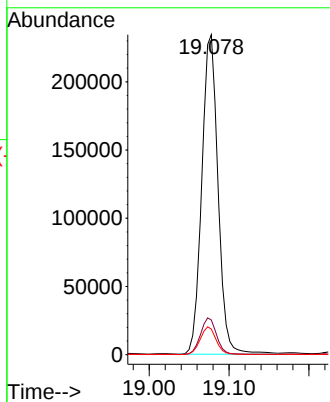
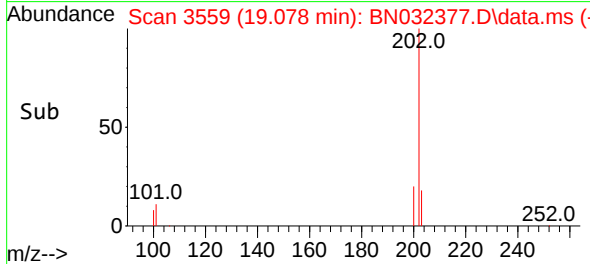
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



Tgt Ion:202 Resp: 33131
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.0 6.4 9.6

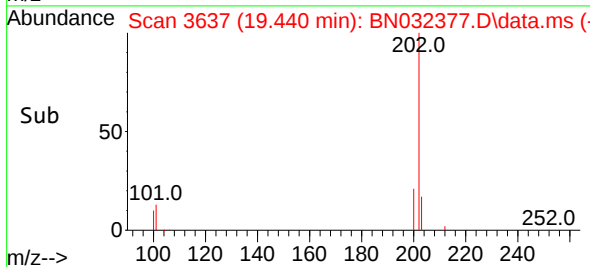
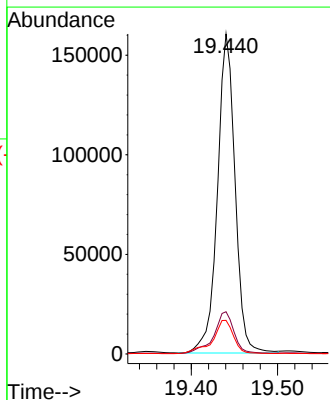
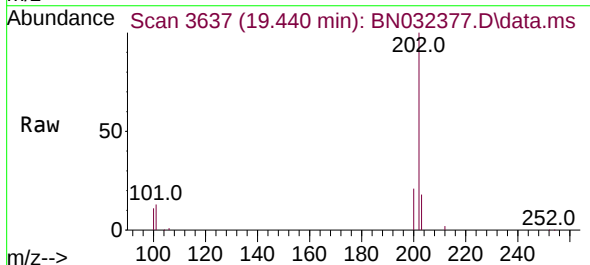
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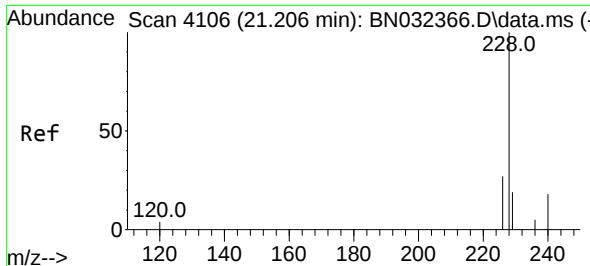
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 3.092 ng/u1
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

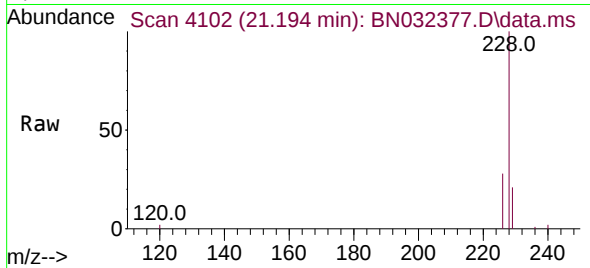
Tgt Ion:202 Resp: 228124
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.801 ng/ul
RT: 21.194 min Scan# 4106
Delta R.T. -0.021 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

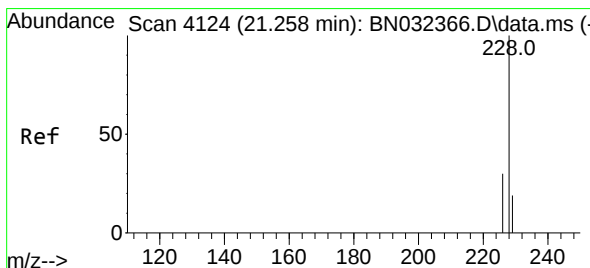
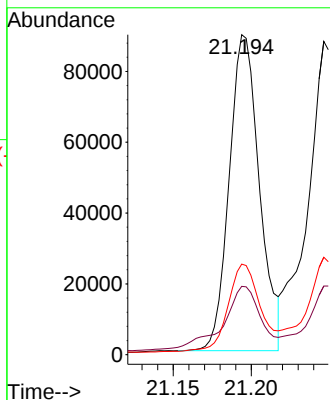
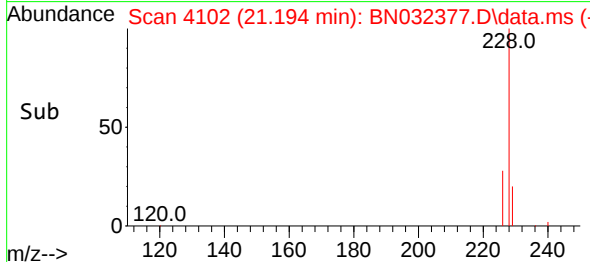
Instrument :
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A4CP9DL



Tgt Ion:228 Resp: 120485
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.3 21.8 32.8

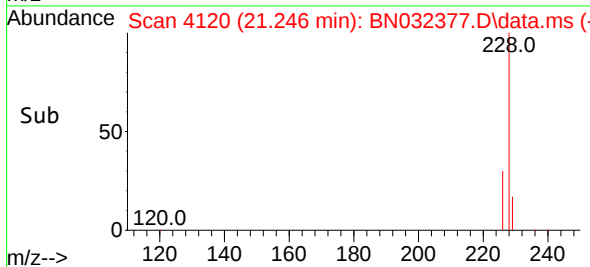
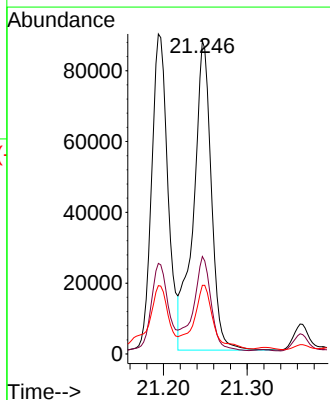
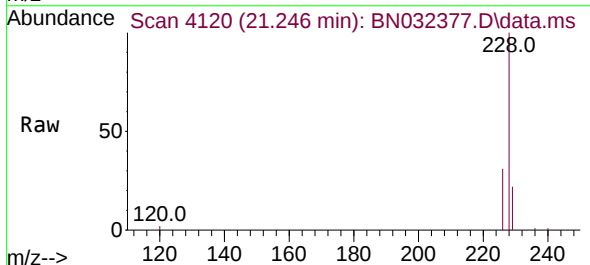
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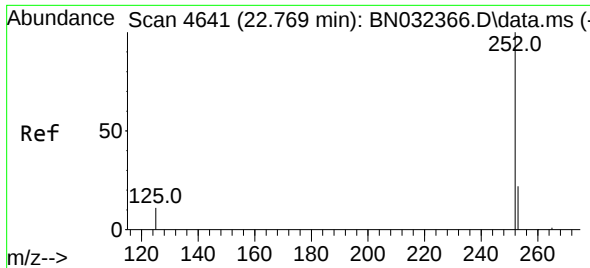
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 1.759 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

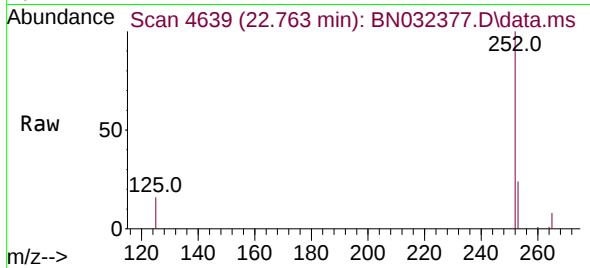
Tgt Ion:228 Resp: 129204
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.731 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

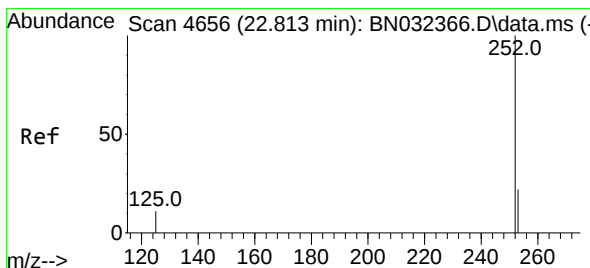
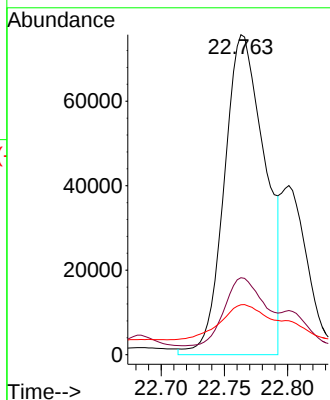
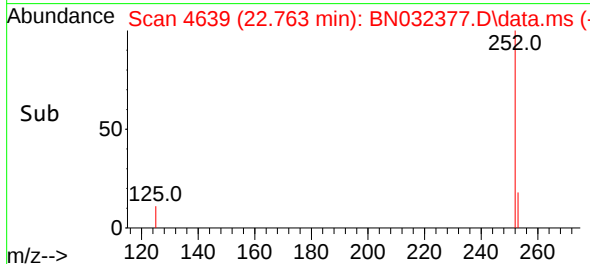
Instrument :
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ClientSampleId :
A4CP9DL



Tgt Ion:252 Resp: 169594
Ion Ratio Lower Upper
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253 24.0 0.0 50.2
125 15.6 0.0 32.0

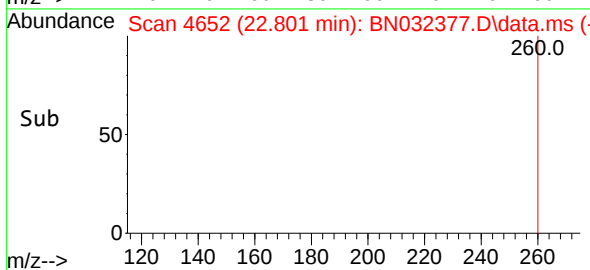
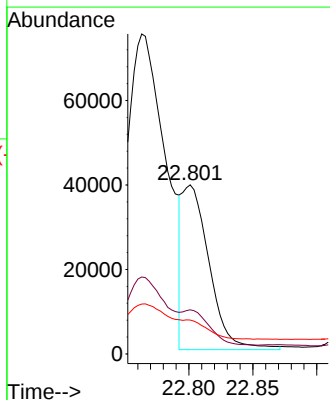
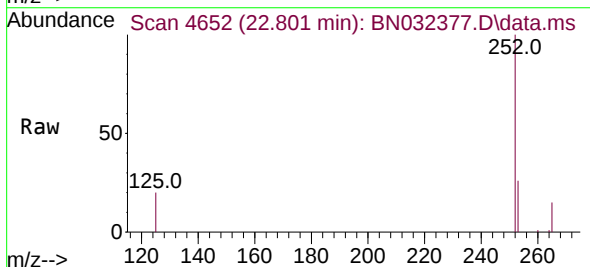
Manual Integrations
APPROVED

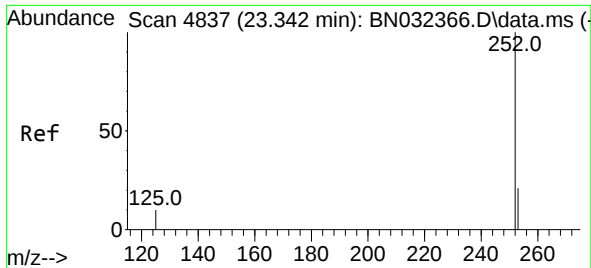
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.603 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.027 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

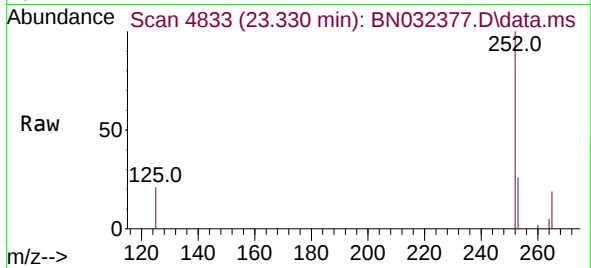
Tgt Ion:252 Resp: 57393
Ion Ratio Lower Upper
252 100
253 26.1 20.3 30.5
125 20.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.870 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

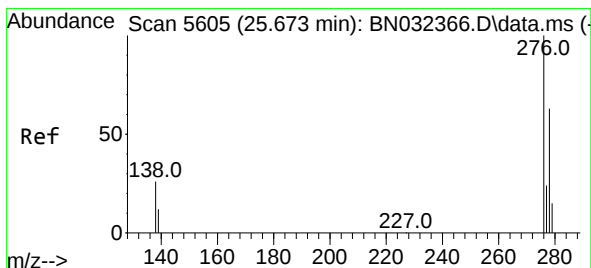
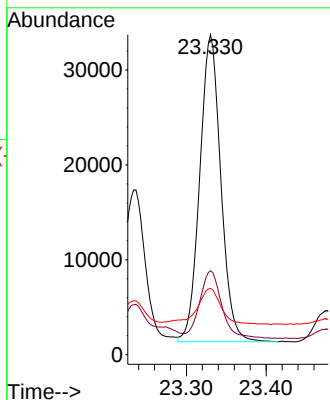
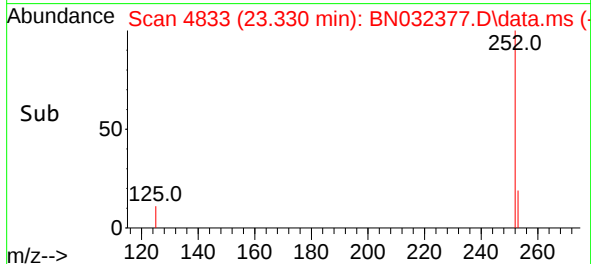
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



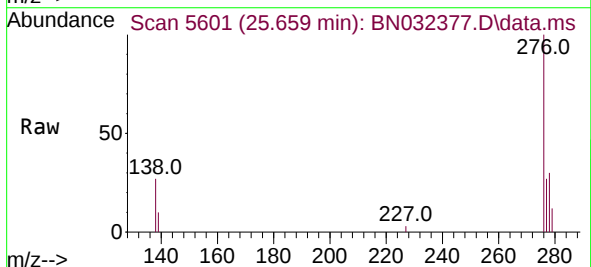
Tgt Ion:252 Resp: 5933
Ion Ratio Lower Upper
252 100
253 26.2 22.2 33.2
125 20.7 16.4 24.6

Manual Integrations
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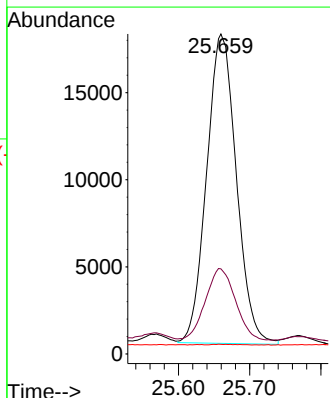
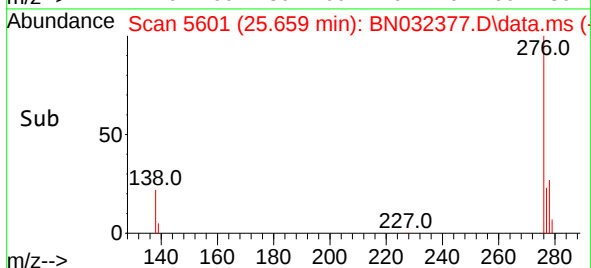
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

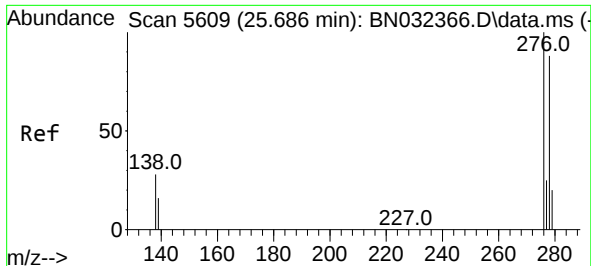


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.483 ng/ul
RT: 25.659 min Scan# 5601
Delta R.T. -0.040 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21



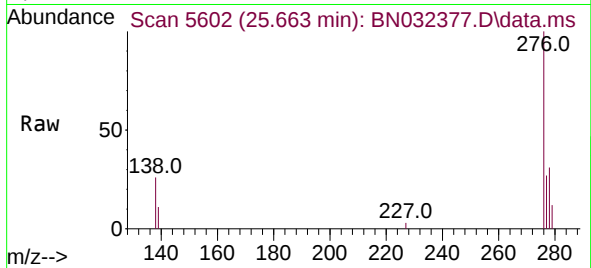
Tgt Ion:276 Resp: 51574
Ion Ratio Lower Upper
276 100
138 23.7 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.227 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21

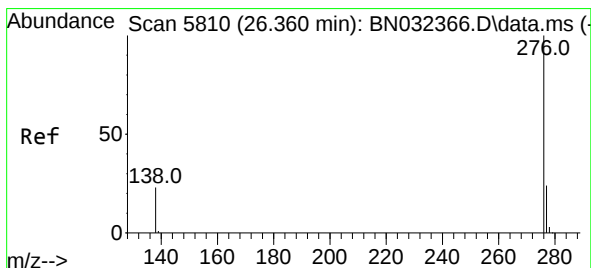
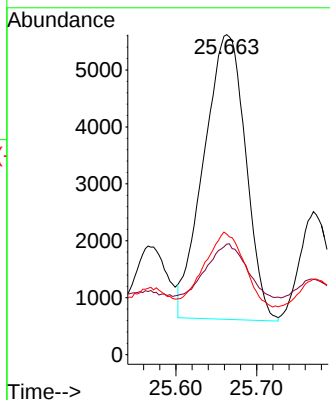
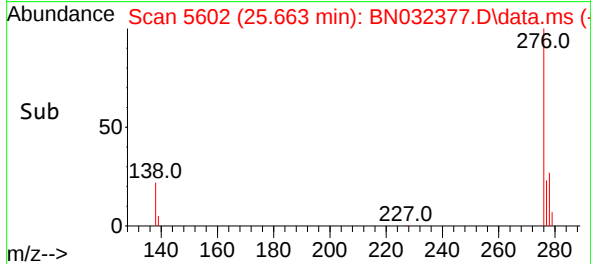
Instrument :
BNA_N
ClientSampleId :
A4CP9DL



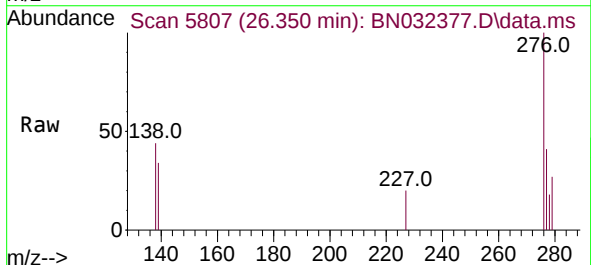
Tgt Ion:278 Resp: 1801
Ion Ratio Lower Upper
278 100
139 34.6 15.9 23.9#
279 37.7 21.1 31.7#

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 26.350 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032377.D
Acq: 02 Jul 2024 00:21



Tgt Ion:276 Resp: 7871
Ion Ratio Lower Upper
276 100
138 44.5 19.8 29.6#
277 41.3 19.8 29.6#

