

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032379.D
 Acq On : 02 Jul 2024 01:33
 Operator : MA/JU
 Sample : P2934-01DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B58DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:17:56 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	7.607	152	8139	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	23525	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	12062	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	22286	0.400	ng/ul	-0.02
17) Chrysene-d12	21.208	240	18835	0.400	ng/ul	-0.02
23) Perylene-d12	23.427	264	22213	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6546	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	1582	0.045	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	2969	0.052	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.431	128	7055	0.113	ng/ul#	95
7) 2-Methylnaphthalene	12.059	142	2635	0.064	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	2279	0.053	ng/ul	98
10) Acenaphthylene	13.975	152	7638	0.152	ng/ul#	95
11) Acenaphthene	14.318	153	8815	0.226	ng/ul	99
12) Fluorene	15.312	166	8870	0.191	ng/ul	98
15) Phenanthrene	17.050	178	152808	2.501	ng/ul	99
16) Anthracene	17.142	178	29416	0.540	ng/ul	98
19) Fluoranthene	19.073	202	229394	3.198	ng/ul	98
20) Pyrene	19.440	202	178301	2.379	ng/ul	98
21) Benzo(a)anthracene	21.194	228	103911	1.529	ng/ul	98
22) Chrysene	21.246	228	106128	1.422	ng/ul	97
24) Benzo(b)fluoranthene	22.760	252	143590m	1.488	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	53055m	0.566	ng/ul	
26) Benzo(a)pyrene	23.327	252	61058	0.909	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.656	276	54726	0.521	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.659	278	17615	0.225	ng/ul#	81
29) Benzo(g,h,i)perylene	26.347	276	8250	0.099	ng/ul#	73

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

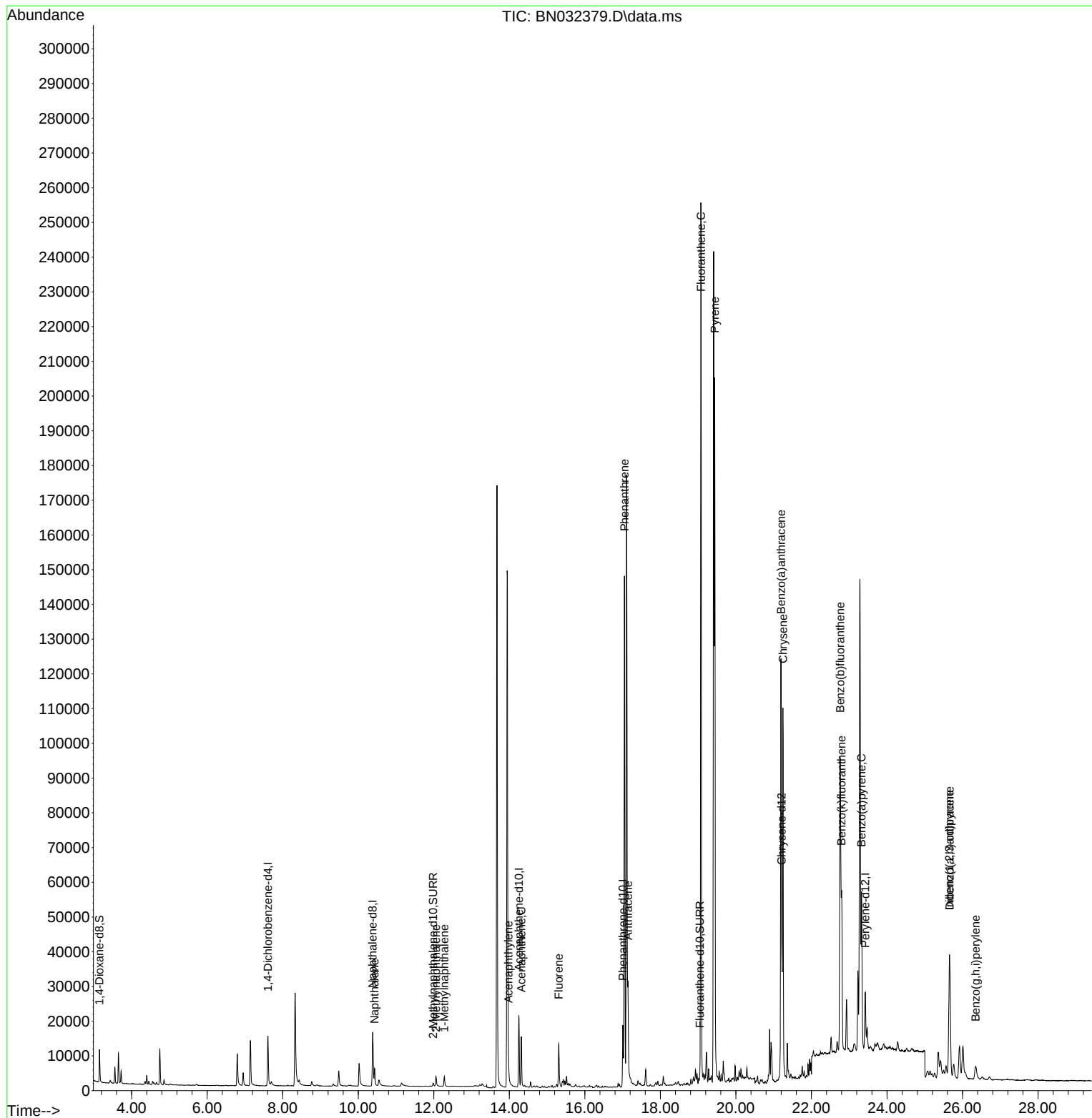
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032379.D
Acq On : 02 Jul 2024 01:33
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Misc :
ALS Vial : 24 Sample Multiplier: 1

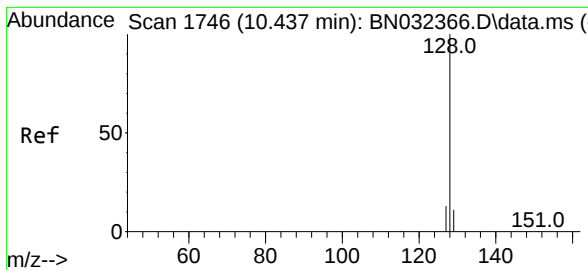
Instrument :
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ClientSampleId :
A4B58DL

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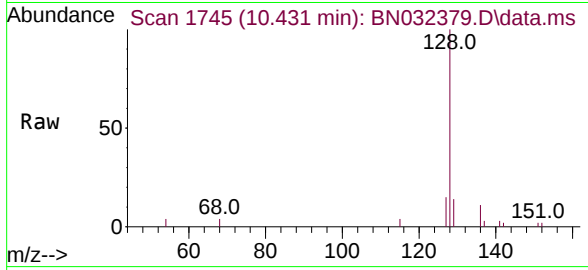
Quant Time: Jul 02 02:17:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

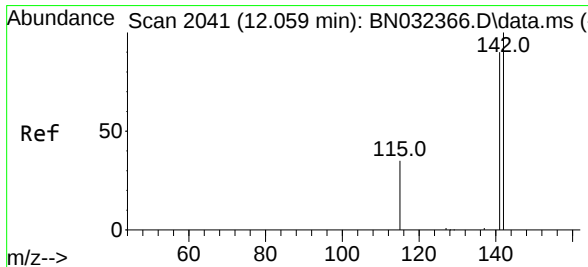
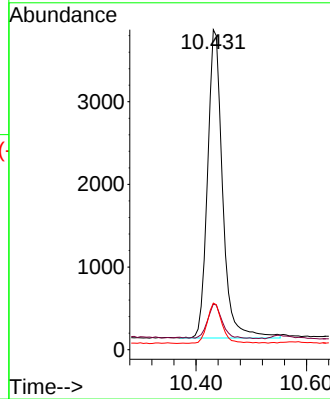
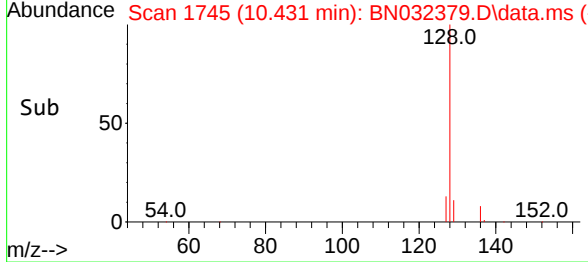
Instrument :
BNA_N
ClientSampleId :
A4B58DL



Tgt Ion:128 Resp: 705
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8
127 14.6 10.8 16.2

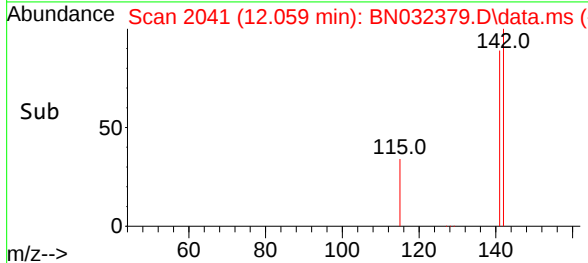
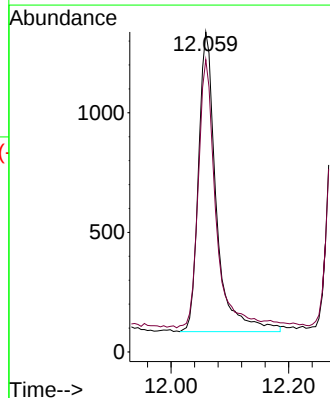
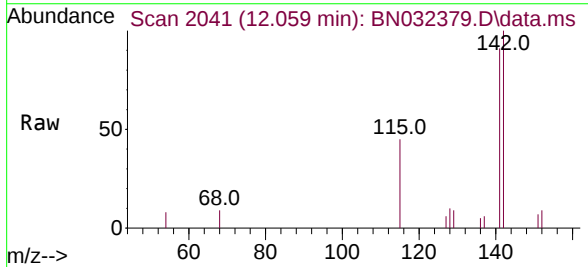
Manual Integrations
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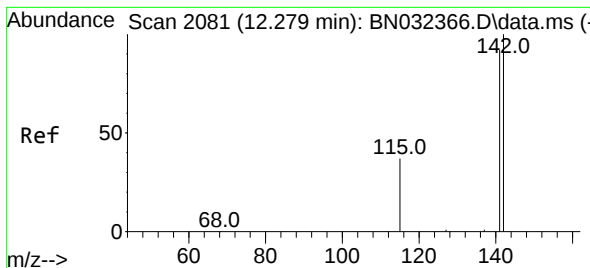
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

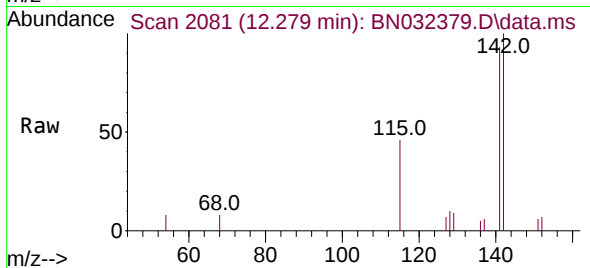
Tgt Ion:142 Resp: 2635
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

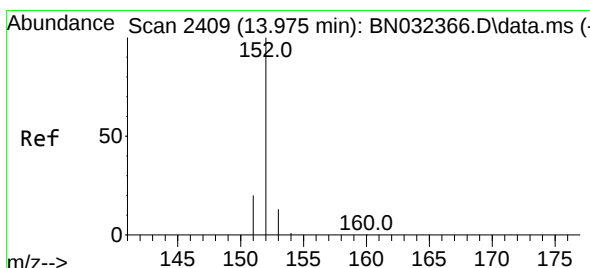
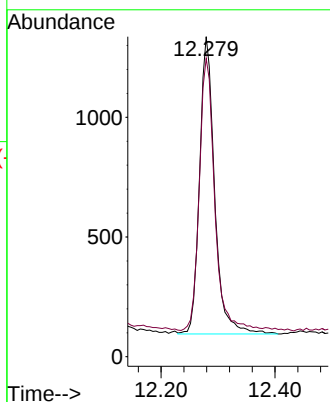
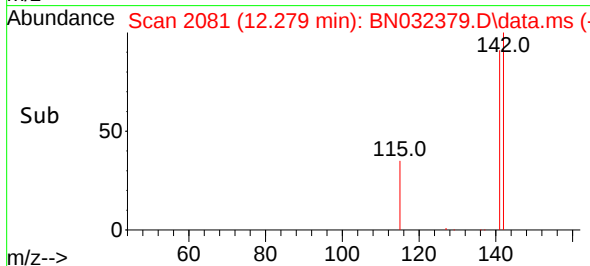
Instrument :
BNA_N
ClientSampleId :
A4B58DL



Tgt Ion:142 Resp: 2279
Ion Ratio Lower Upper
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141 93.7 73.4 110.0

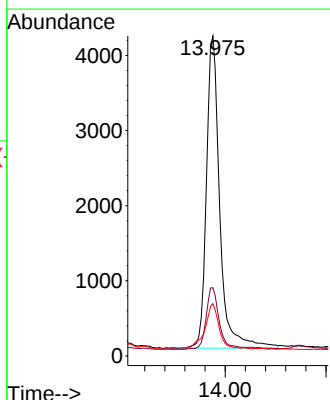
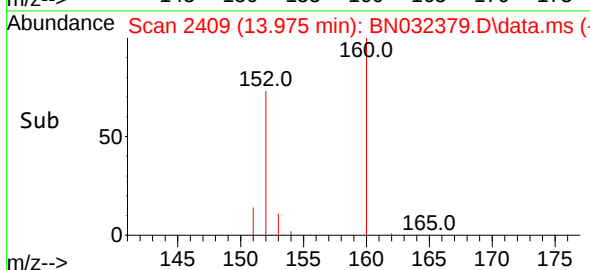
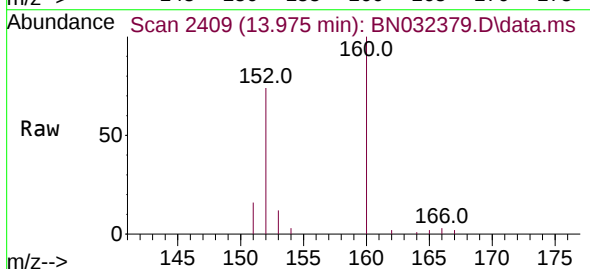
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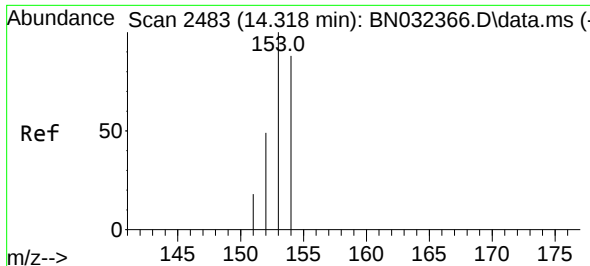
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

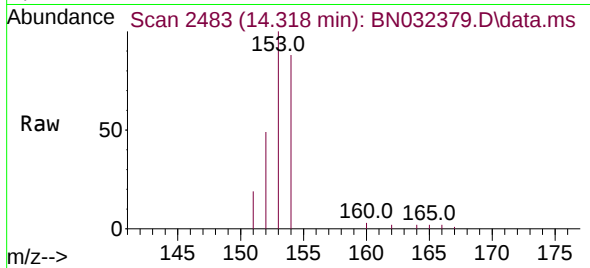
Tgt Ion:152 Resp: 7638
Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 16.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.226 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

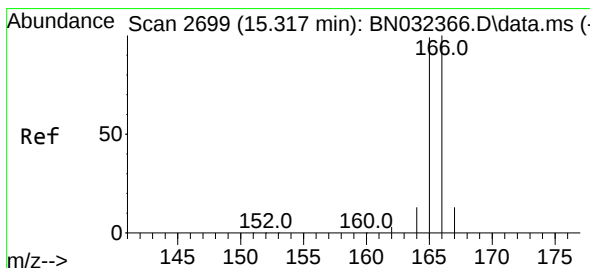
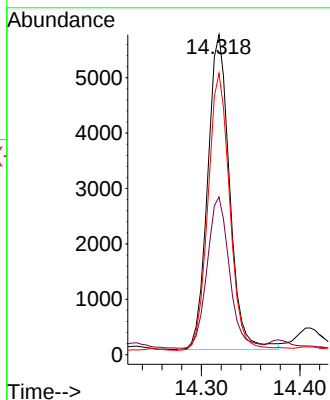
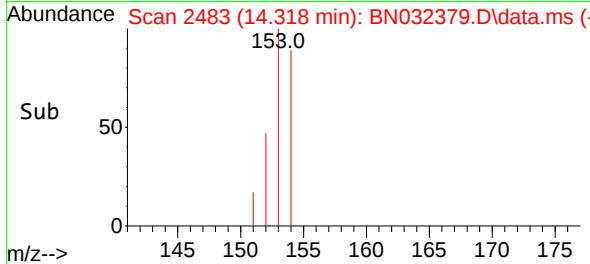
Instrument :
BNA_N
ClientSampleId :
A4B58DL



Tgt Ion:153 Resp: 8815
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 88.0 71.7 107.5

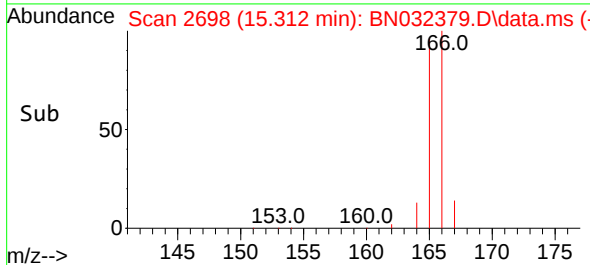
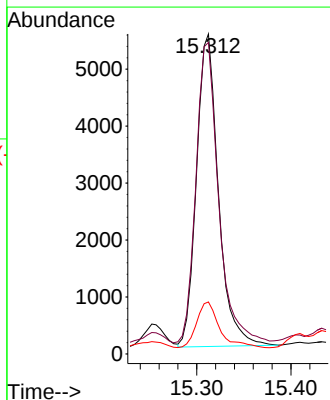
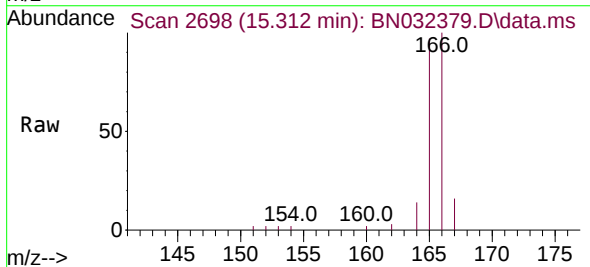
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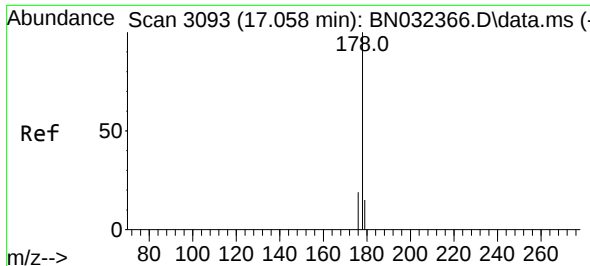
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.191 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

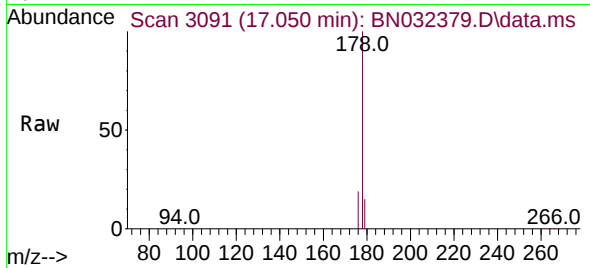
Tgt Ion:166 Resp: 8870
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 16.2 11.0 16.6





#15
Phenanthrene
Concen: 2.501 ng/u1
RT: 17.050 min Scan# 3093
Delta R.T. -0.017 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

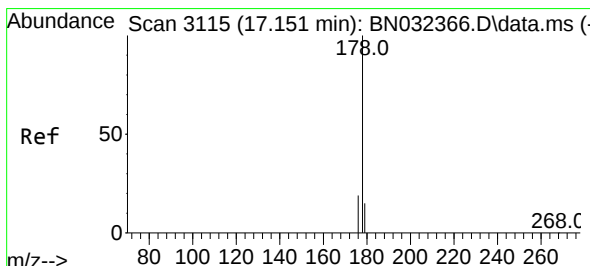
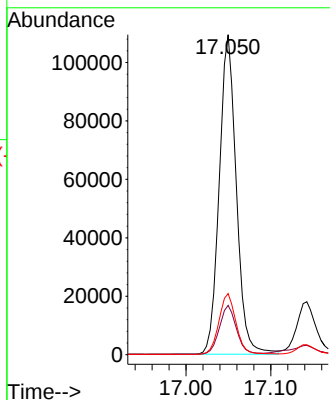
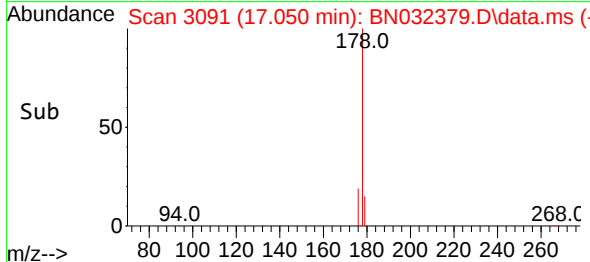
Instrument :
BNA_N
ClientSampleId :
A4B58DL



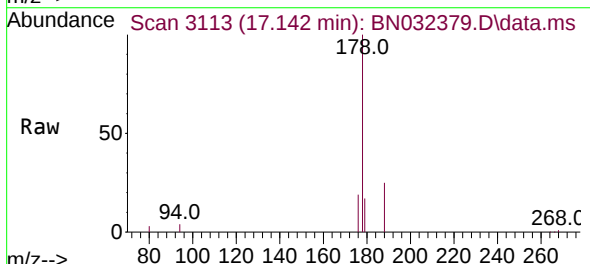
Tgt Ion:178 Resp: 152808
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

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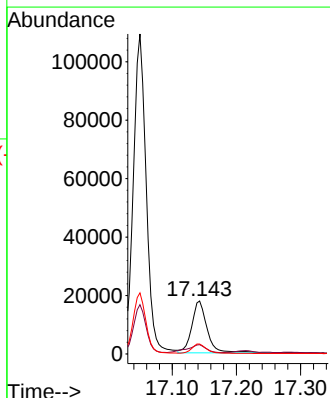
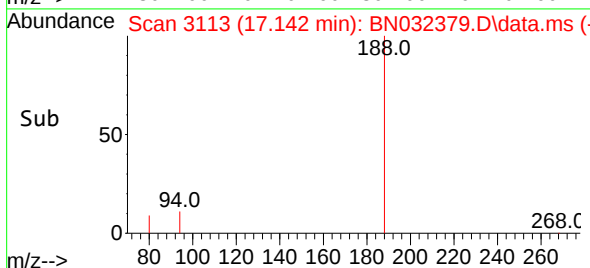
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

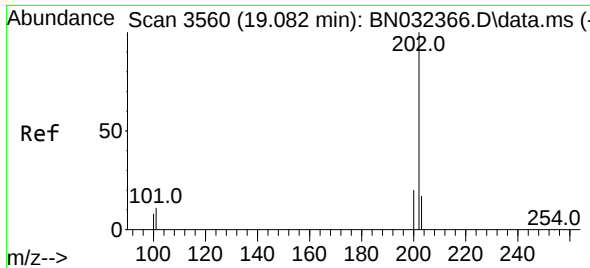


#16
Anthracene
Concen: 0.540 ng/u1
RT: 17.142 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33



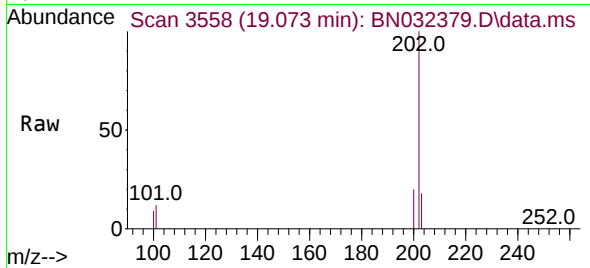
Tgt Ion:178 Resp: 29416
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 3.198 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

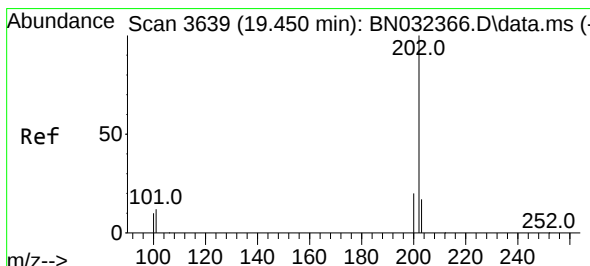
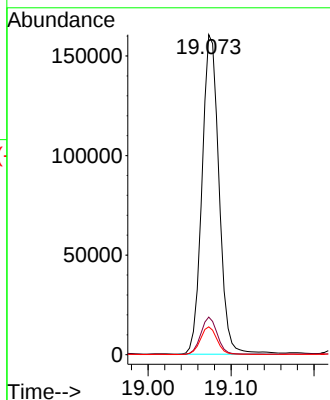
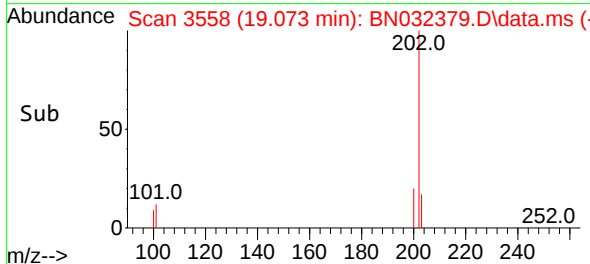
Instrument :
BNA_N
ClientSampleId :
A4B58DL



Tgt Ion:202 Resp: 229394
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.7 6.4 9.6

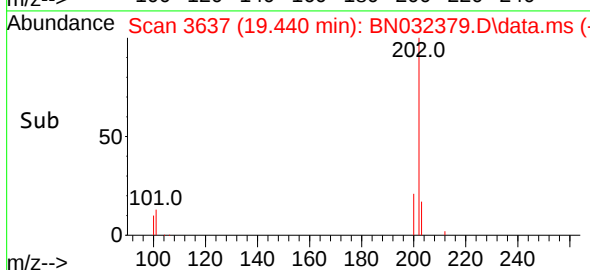
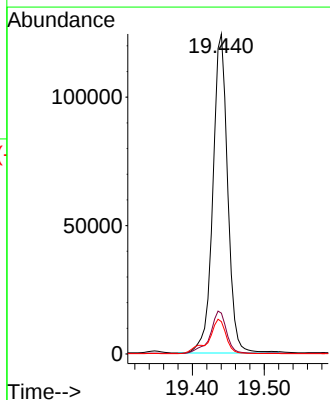
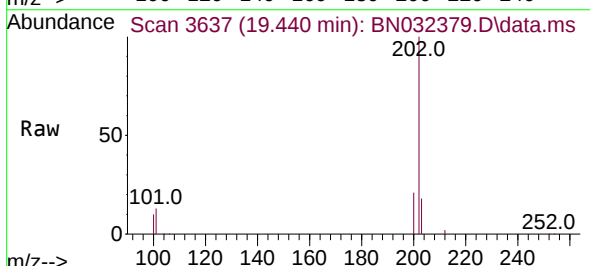
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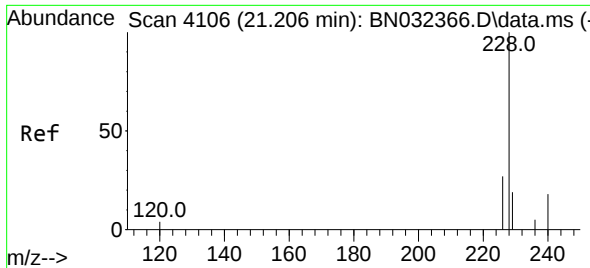
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 2.379 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

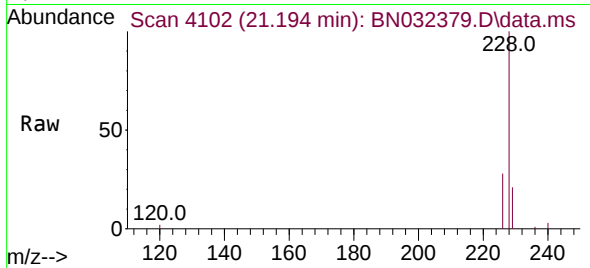
Tgt Ion:202 Resp: 178301
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.529 ng/ul
RT: 21.194 min Scan# 4106
Delta R.T. -0.021 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

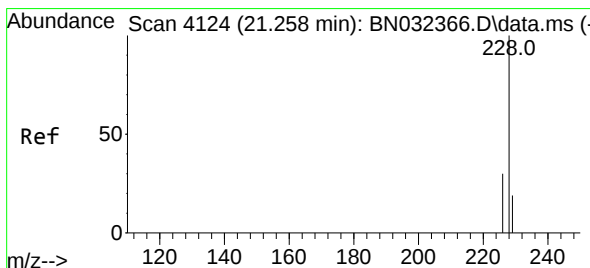
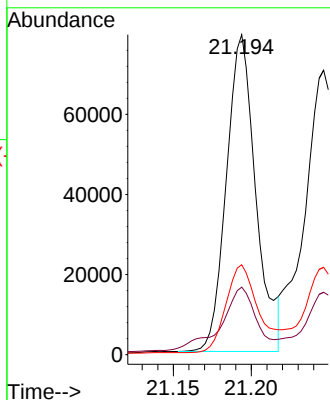
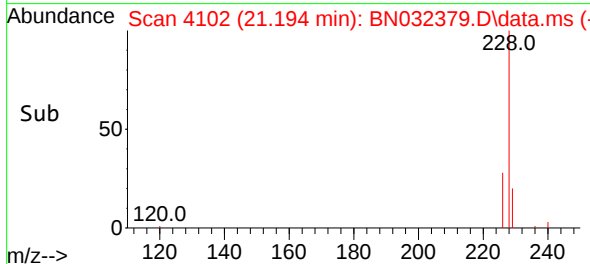
Instrument :
BNA_N
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A4B58DL



Tgt Ion:228 Resp: 10391
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.1 21.8 32.8

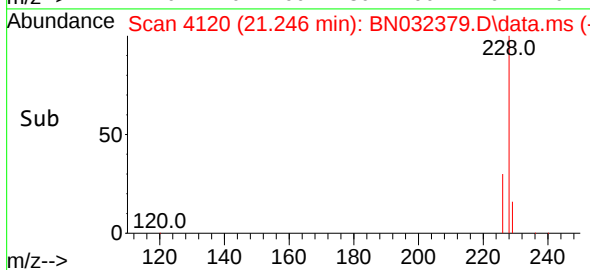
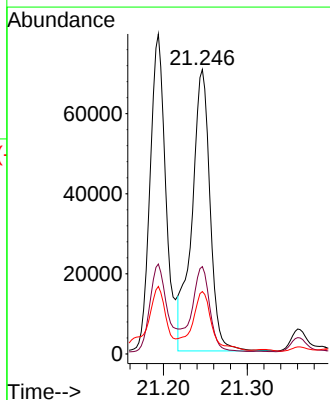
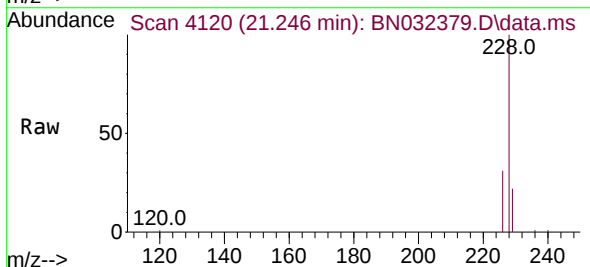
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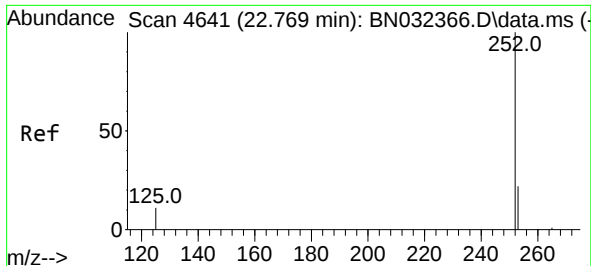
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 1.422 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

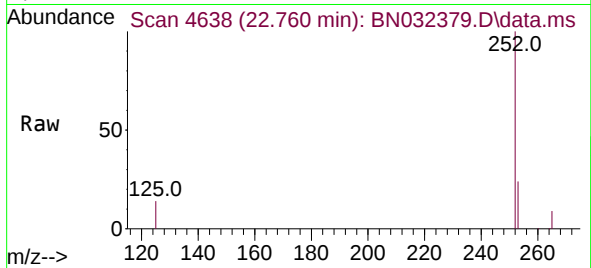
Tgt Ion:228 Resp: 106128
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.488 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. -0.024 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

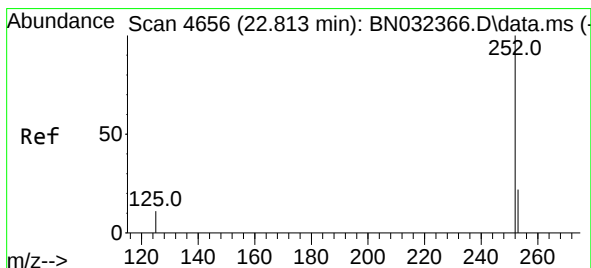
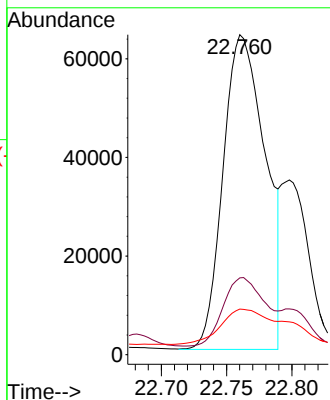
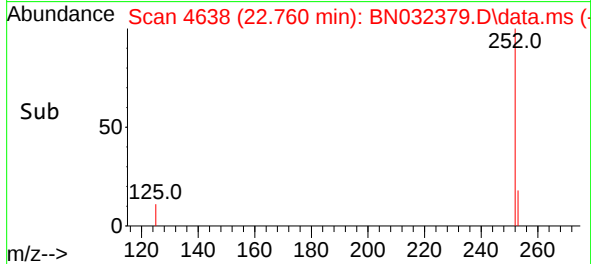
Instrument :
BNA_N
ClientSampleId :
A4B58DL



Tgt Ion:252 Resp: 143590
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 14.2 0.0 32.0

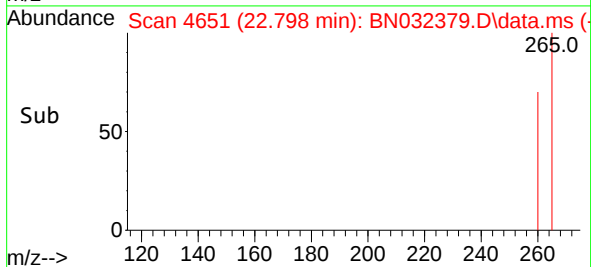
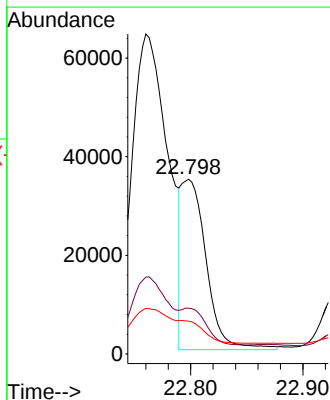
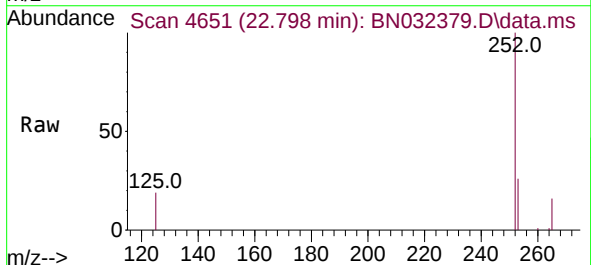
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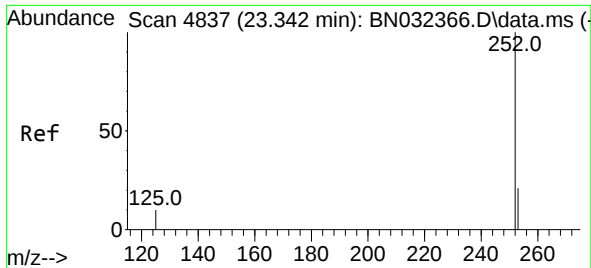
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.566 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.029 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

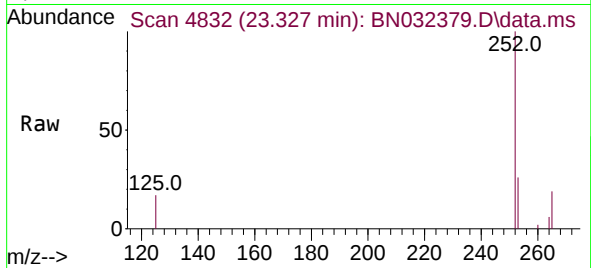
Tgt Ion:252 Resp: 53055
Ion Ratio Lower Upper
252 100
253 26.2 20.3 30.5
125 18.8 12.8 19.2





#26
Benzo(a)pyrene
Concen: 0.909 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

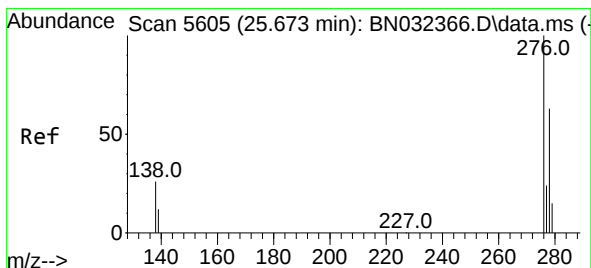
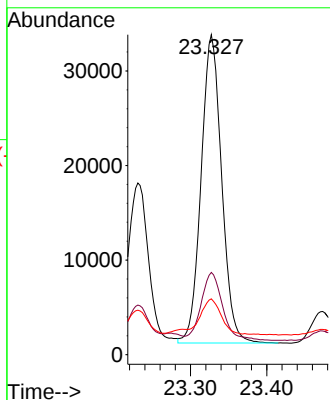
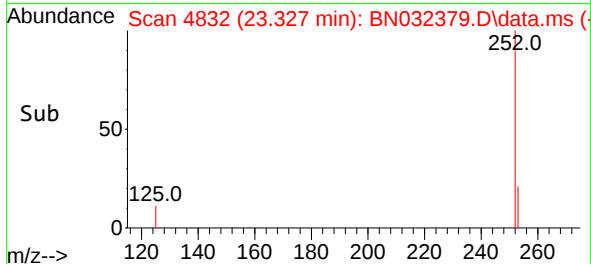
Instrument :
BNA_N
ClientSampleId :
A4B58DL



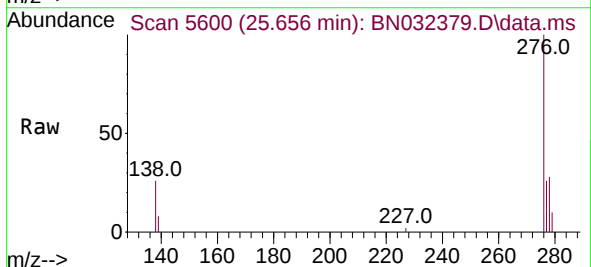
Tgt Ion:252 Resp: 61058
Ion Ratio Lower Upper
252 100
253 25.7 22.2 33.2
125 17.5 16.4 24.6

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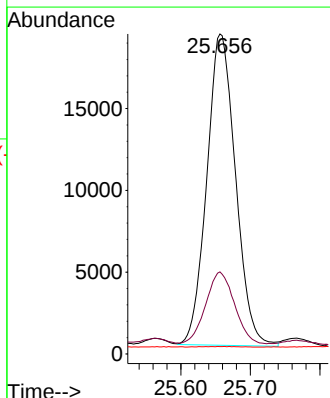
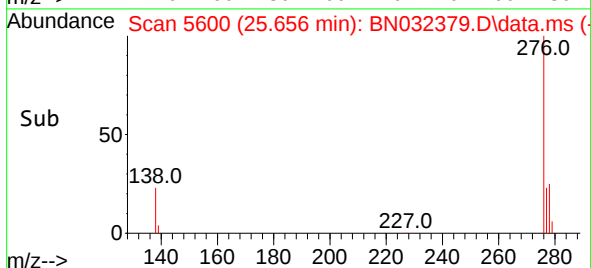
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

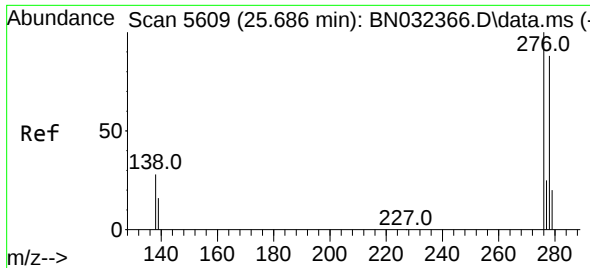


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.521 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.044 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33



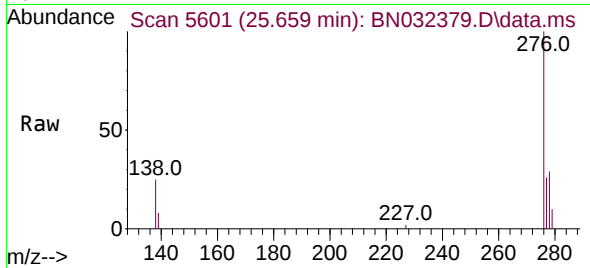
Tgt Ion:276 Resp: 54726
Ion Ratio Lower Upper
276 100
138 23.2 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 25.659 min Scan# 5601
Delta R.T. -0.051 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33

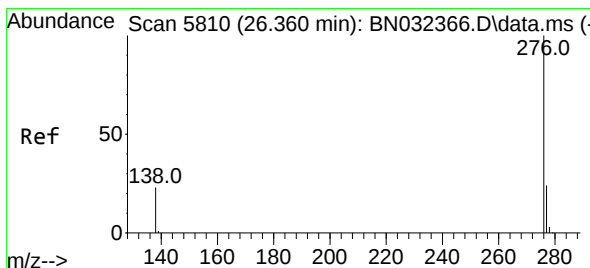
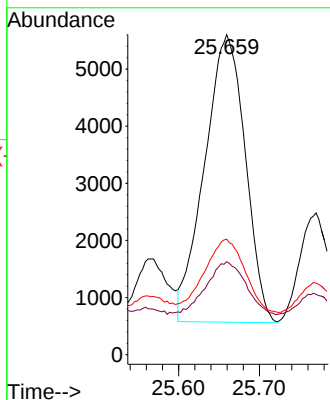
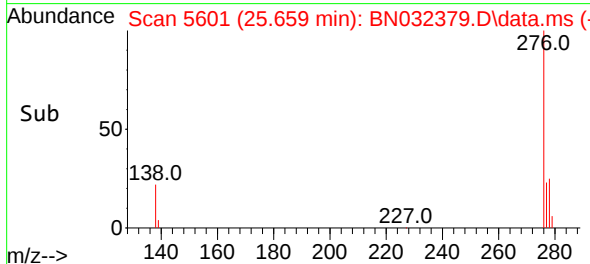
Instrument :
BNA_N
ClientSampleId :
A4B58DL



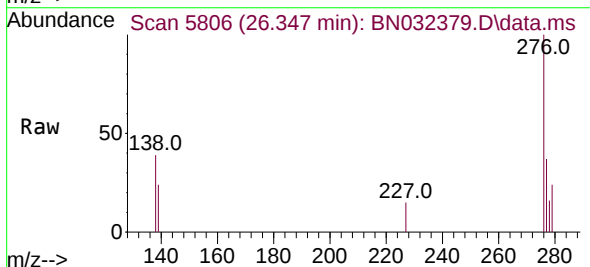
Tgt Ion:278 Resp: 1761
Ion Ratio Lower Upper
278 100
139 29.1 15.9 23.9#
279 36.1 21.1 31.7#

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APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032379.D
Acq: 02 Jul 2024 01:33



Tgt Ion:276 Resp: 8250
Ion Ratio Lower Upper
276 100
138 39.1 19.8 29.6#
277 37.5 19.8 29.6#

