

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032056.D
 Acq On : 18 Jun 2024 22:08
 Operator : MA/JU
 Sample : P2696-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 22:56:42 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 18 14:06:13 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	8442	0.400	ng/ul	0.00
4) Naphthalene-d8	10.425	136	30012	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.289	164	19825	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.040	188	44419	0.400	ng/ul	0.00
17) Chrysene-d12	21.233	240	30888	0.400	ng/ul	# 0.00
23) Perylene-d12	23.455	264	33349	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	31733	3.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.025	152	11794	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.072	212	32483	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.474	128	34743	0.435	ng/ul	99
7) 2-Methylnaphthalene	12.096	142	26595	0.478	ng/ul	97
8) 1-Methylnaphthalene	12.316	142	32823	0.570	ng/ul	97
10) Acenaphthylene	14.011	152	19040	0.225	ng/ul#	87
11) Acenaphthene	14.354	153	184735	2.921	ng/ul	99
12) Fluorene	15.344	166	215961	2.796	ng/ul	98
15) Phenanthrene	17.082	178	3883566	31.009	ng/ul	99
16) Anthracene	17.171	178	574337	5.096	ng/ul	100
19) Fluoranthene	19.104	202	3430661	30.150	ng/ul	99
20) Pyrene	19.472	202	3243462	27.215	ng/ul	99
21) Benzo(a)anthracene	21.219	228	1484258	12.529	ng/ul	98
22) Chrysene	21.271	228	1582955	13.402	ng/ul	98
24) Benzo(b)fluoranthene	22.788	252	1295316m	8.841	ng/ul	
25) Benzo(k)fluoranthene	22.829	252	421151m	2.994	ng/ul	
26) Benzo(a)pyrene	23.358	252	510333	4.902	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.695	276	326087	2.322	ng/ul	95
28) Dibenzo(a,h)anthracene	25.705	278	128560	1.186	ng/ul	97
29) Benzo(g,h,i)perylene	26.386	276	48571	0.435	ng/ul	91

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

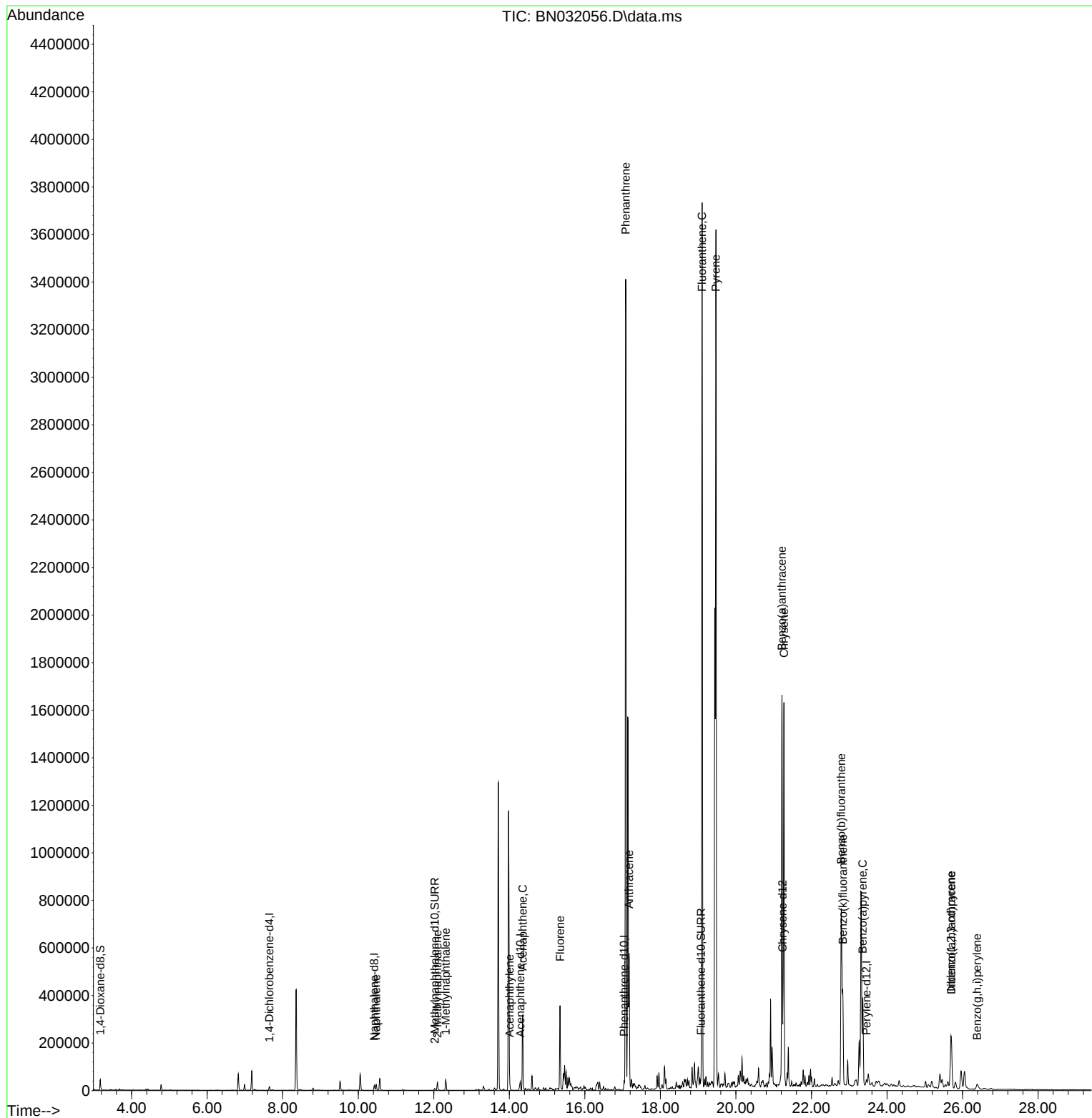
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032056.D
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ALS Vial : 13 Sample Multiplier: 1

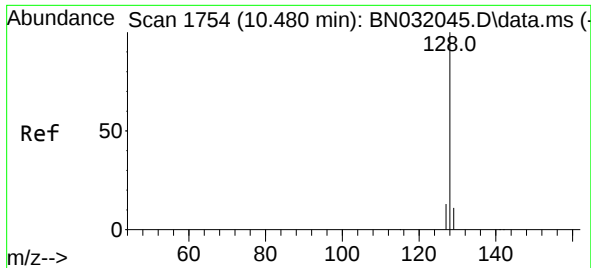
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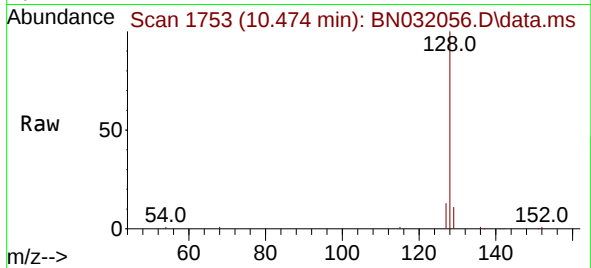
Quant Time: Jun 18 22:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.435 ng/ul
RT: 10.474 min Scan# 1753
Delta R.T. -0.007 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

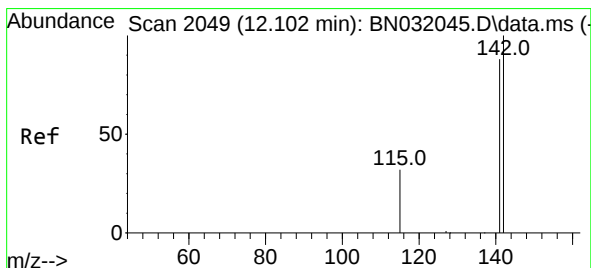
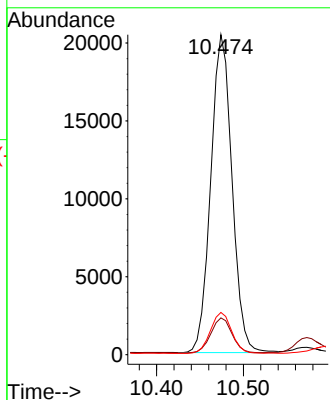
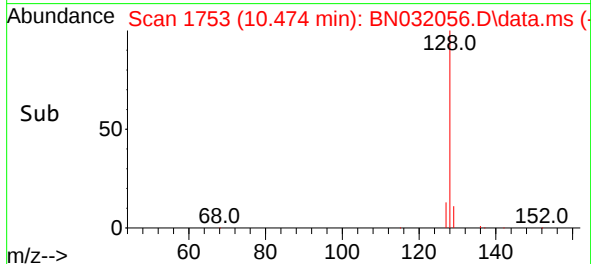
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:128 Resp: 3474
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.3 15.5

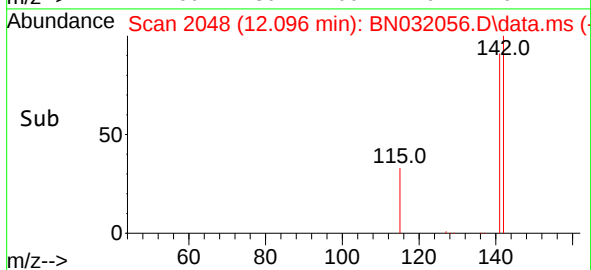
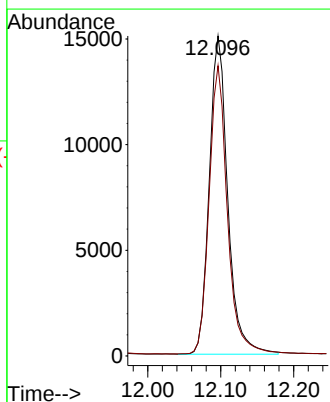
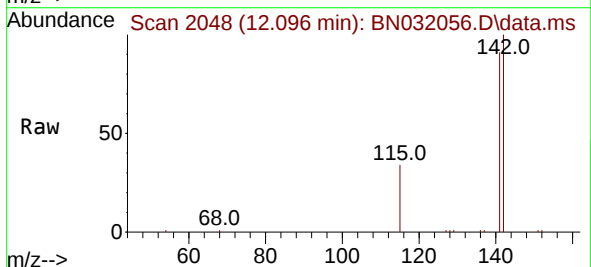
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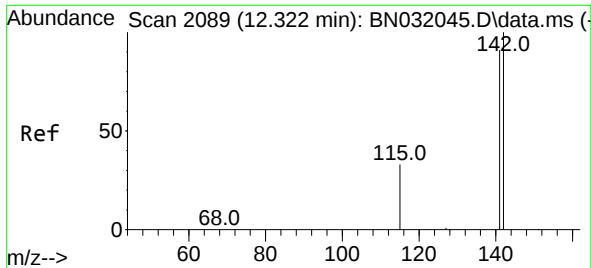
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.096 min Scan# 2048
Delta R.T. -0.007 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

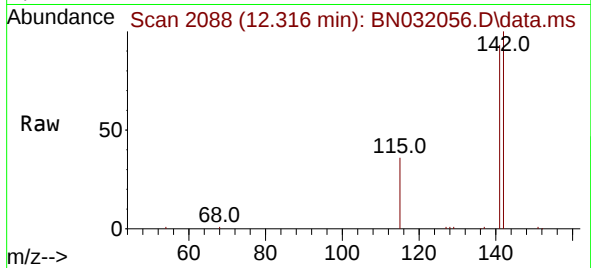
Tgt Ion:142 Resp: 26595
Ion Ratio Lower Upper
142 100
141 89.5 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.570 ng/ul
RT: 12.316 min Scan# 2088
Delta R.T. -0.007 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

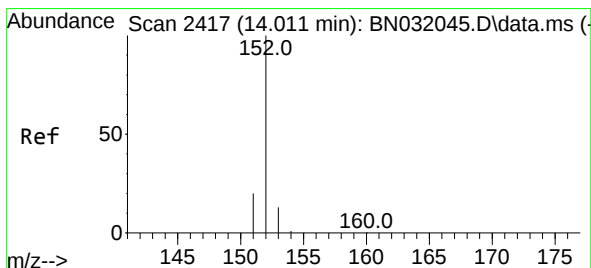
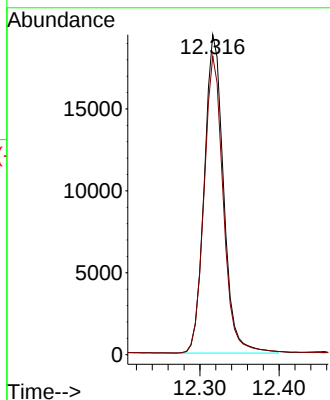
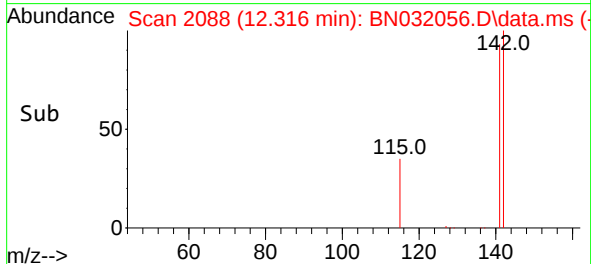
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:142 Resp: 3282
Ion Ratio Lower Upper
142 100
141 92.8 71.7 107.5

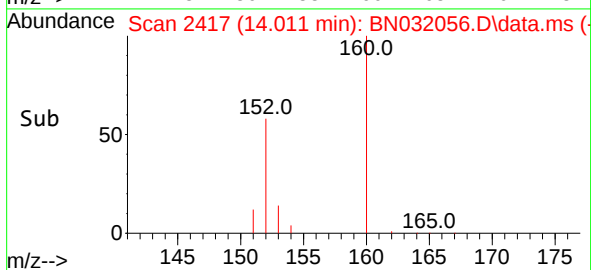
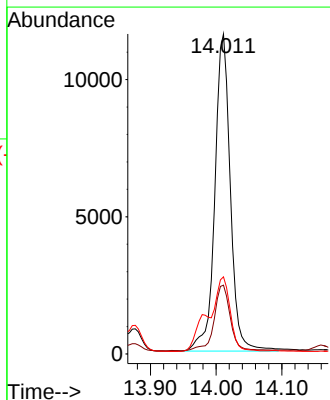
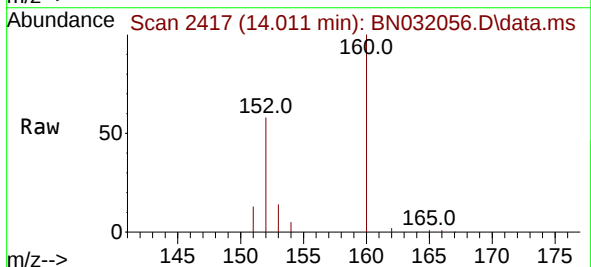
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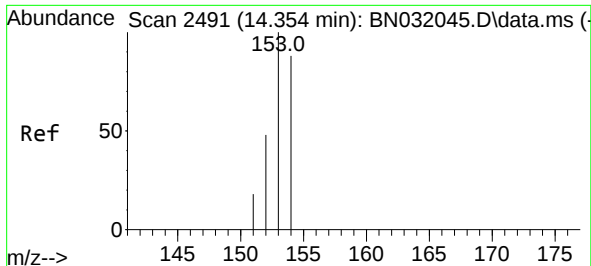
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.225 ng/ul
RT: 14.011 min Scan# 2417
Delta R.T. -0.001 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

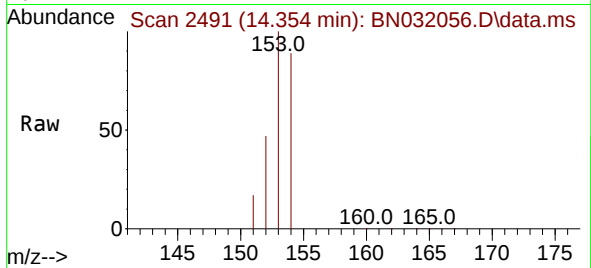
Tgt Ion:152 Resp: 19040
Ion Ratio Lower Upper
152 100
151 21.5 16.1 24.1
153 24.1 10.6 16.0#





#11
Acenaphthene
Concen: 2.921 ng/ul
RT: 14.354 min Scan# 2491
Delta R.T. -0.001 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

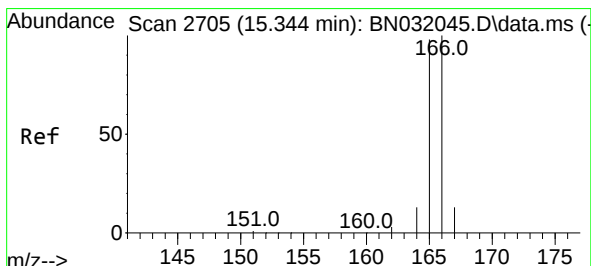
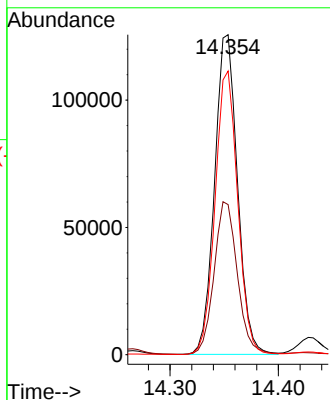
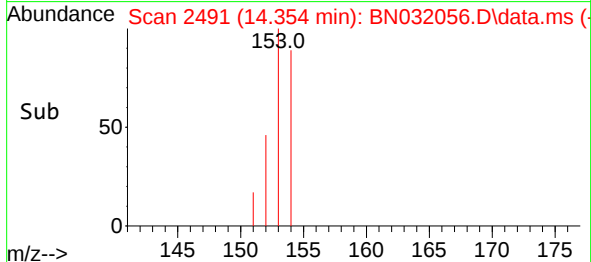
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:153 Resp: 184735
Ion Ratio Lower Upper
153 100
152 46.9 39.4 59.2
154 88.7 71.2 106.8

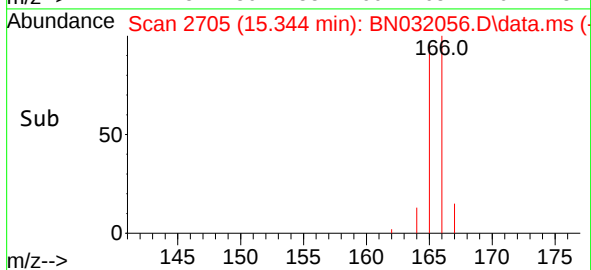
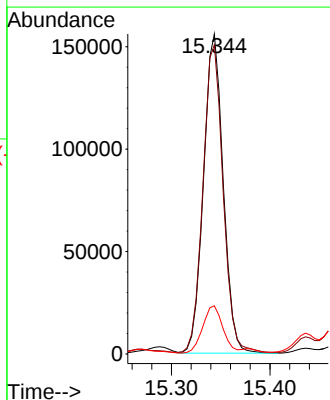
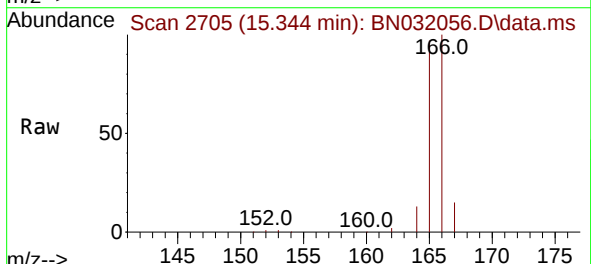
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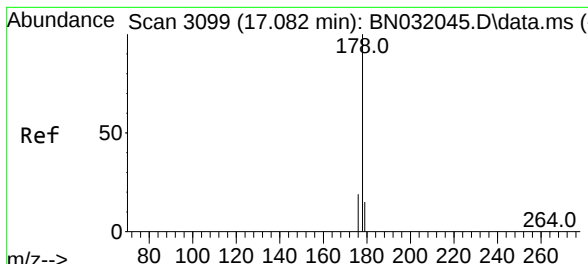
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 2.796 ng/ul
RT: 15.344 min Scan# 2705
Delta R.T. -0.001 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

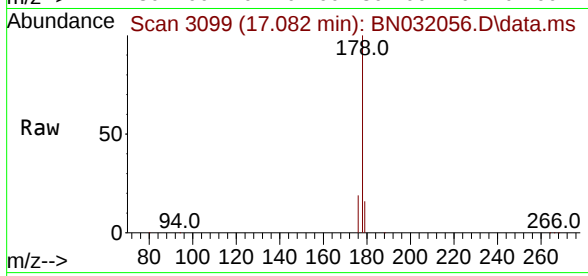
Tgt Ion:166 Resp: 215961
Ion Ratio Lower Upper
166 100
165 96.6 79.0 118.6
167 15.0 11.0 16.6





#15
 Phenanthrene
 Concen: 31.009 ng/u1
 RT: 17.082 min Scan# 3099
 Delta R.T. -0.001 min
 Lab File: BN032056.D
 Acq: 18 Jun 2024 22:08

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1

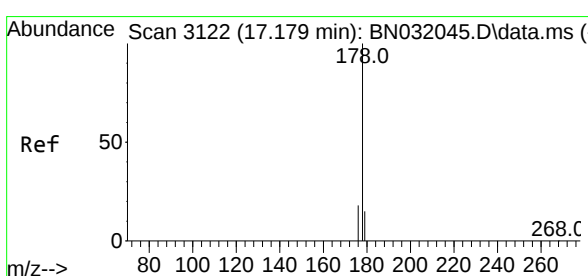
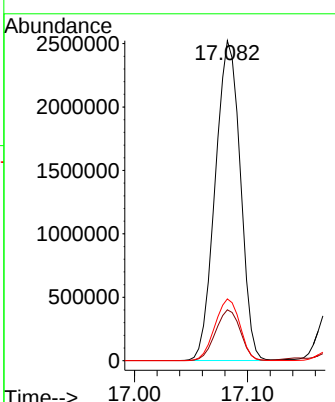


Tgt Ion:178 Resp: 388356

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.3	15.3	22.9

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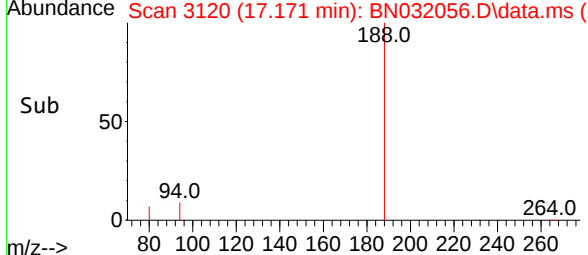
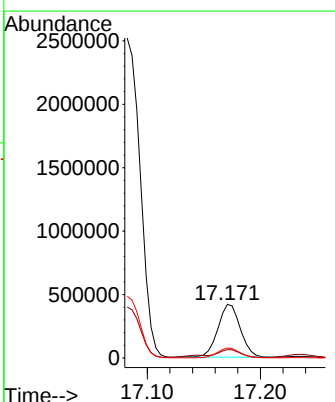
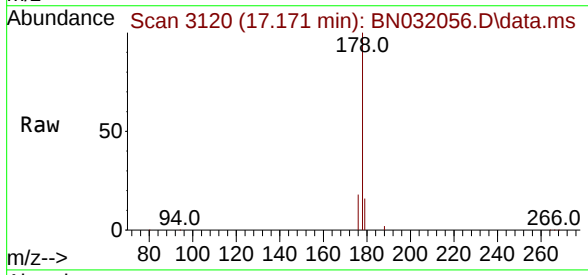
Reviewed By :Jagrut Upadhyay 06/19/2024
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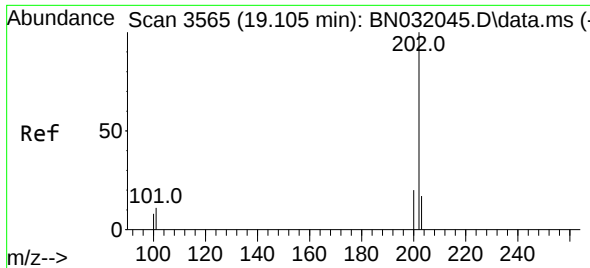


#16
 Anthracene
 Concen: 5.096 ng/u1
 RT: 17.171 min Scan# 3120
 Delta R.T. -0.005 min
 Lab File: BN032056.D
 Acq: 18 Jun 2024 22:08

Tgt Ion:178 Resp: 574337

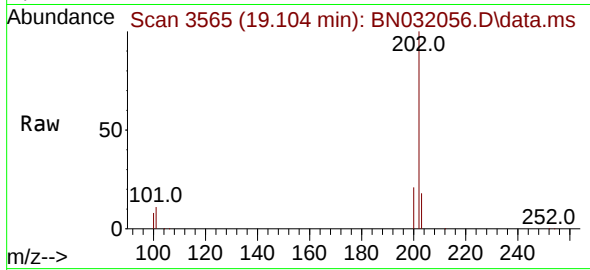
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	18.5	14.8	22.2





#19
Fluoranthene
Concen: 30.150 ng/ul
RT: 19.104 min Scan# 3565
Delta R.T. -0.001 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

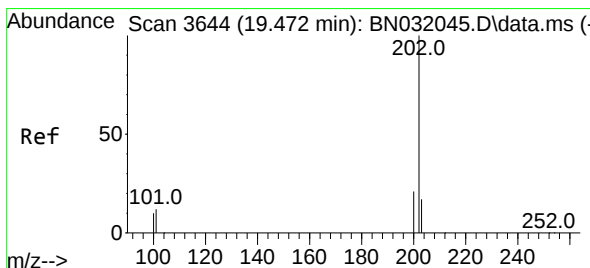
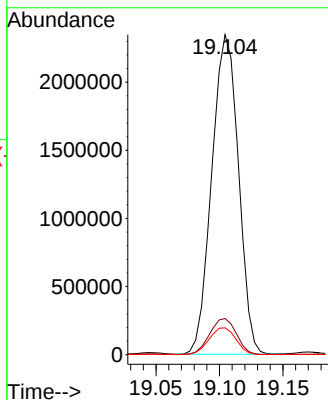
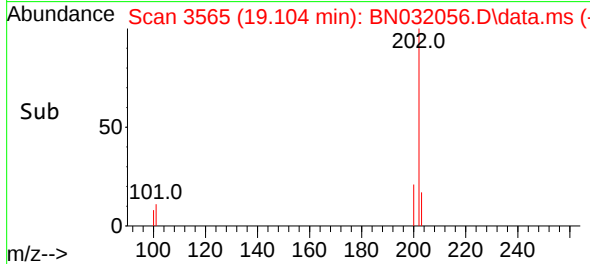
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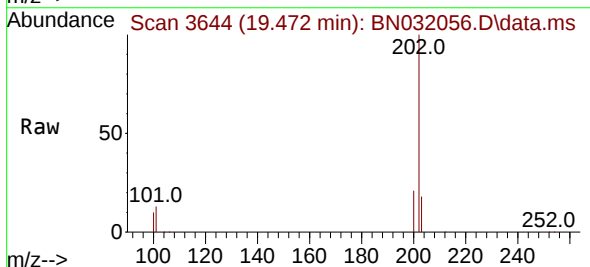
Tgt Ion:202 Resp: 343066
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.4 6.6 9.8

Manual Integrations
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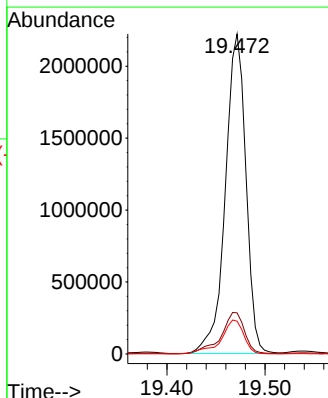
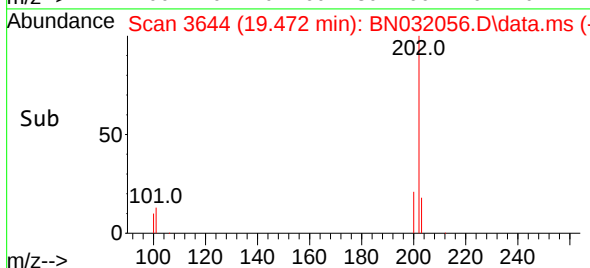
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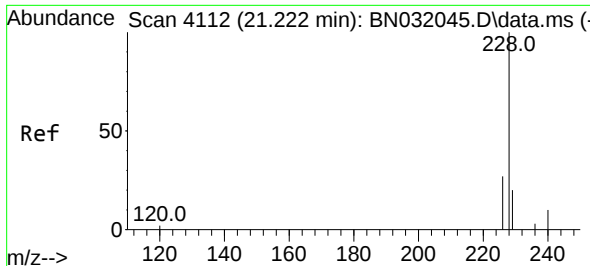


#20
Pyrene
Concen: 27.215 ng/ul
RT: 19.472 min Scan# 3644
Delta R.T. 0.003 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08



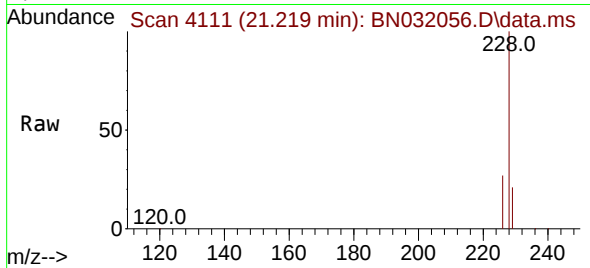
Tgt Ion:202 Resp: 3243462
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.2 8.6 12.8





#21
Benzo(a)anthracene
Concen: 12.529 ng/u1
RT: 21.219 min Scan# 4112
Delta R.T. -0.004 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

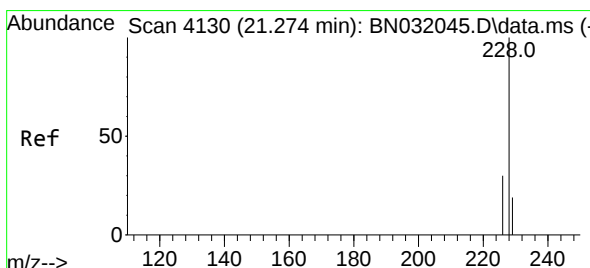
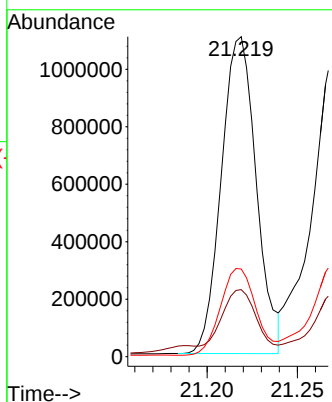
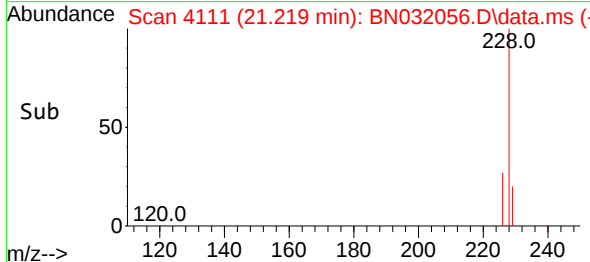
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:228 Resp: 1484258
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 27.4 21.7 32.5

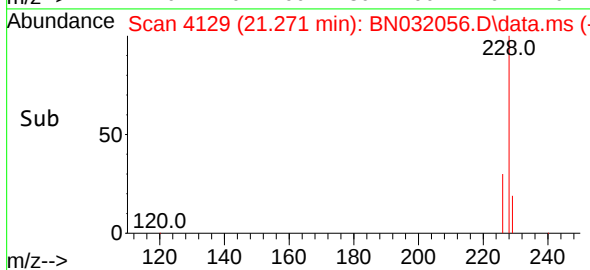
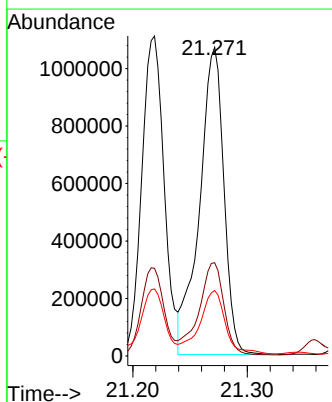
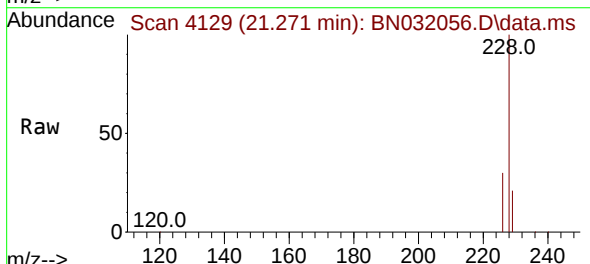
Manual Integrations
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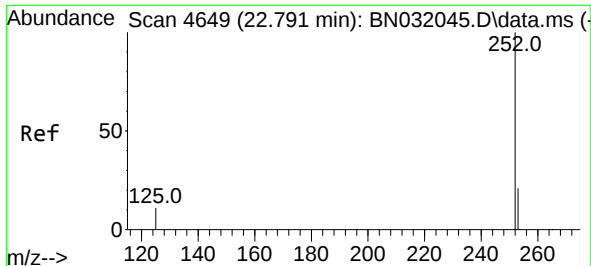
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 13.402 ng/u1
RT: 21.271 min Scan# 4129
Delta R.T. -0.004 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

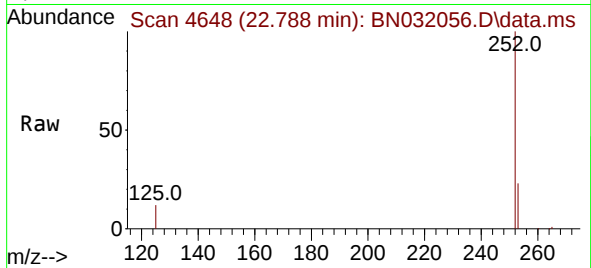
Tgt Ion:228 Resp: 1582955
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.2 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 8.841 ng/ul m
RT: 22.788 min Scan# 4648
Delta R.T. -0.004 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

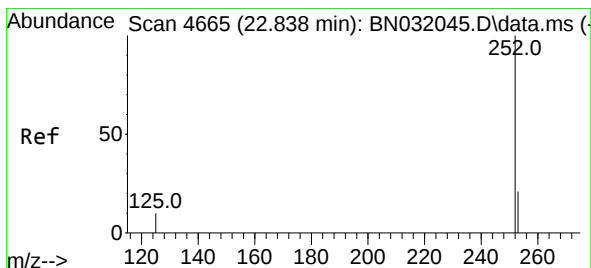
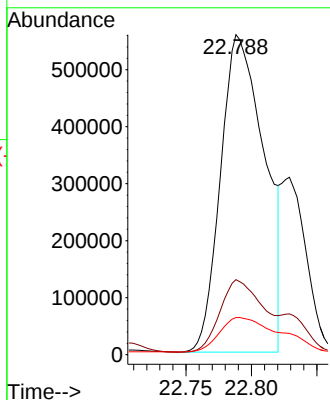
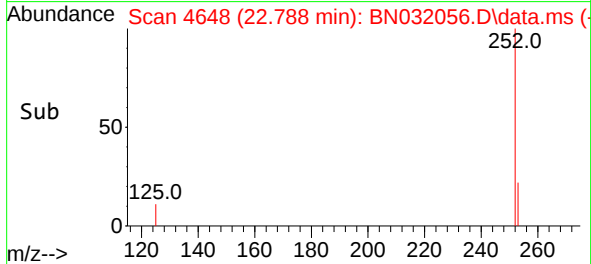
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:252 Resp: 1295310
Ion Ratio Lower Upper
252 100
253 23.5 0.0 47.4
125 11.6 0.0 28.8

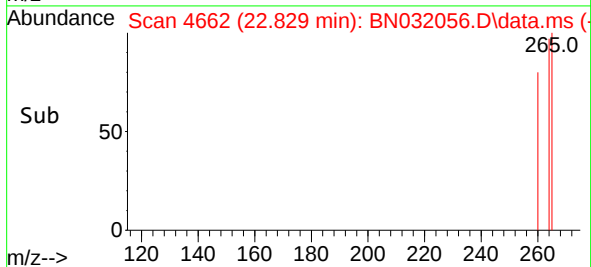
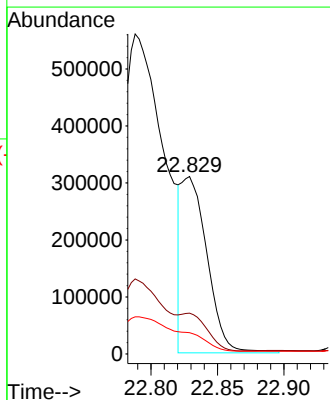
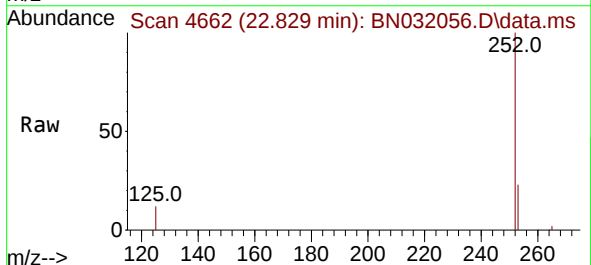
Manual Integrations
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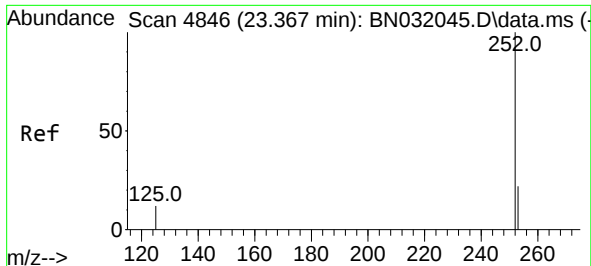
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 2.994 ng/ul m
RT: 22.829 min Scan# 4662
Delta R.T. -0.007 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

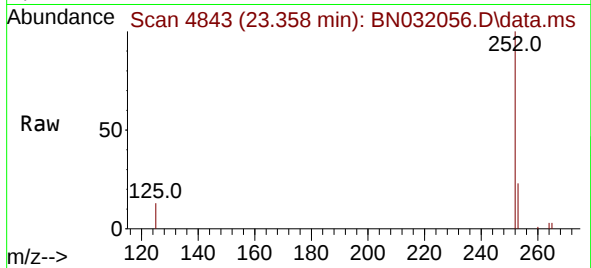
Tgt Ion:252 Resp: 421151
Ion Ratio Lower Upper
252 100
253 23.0 18.8 28.2
125 12.0 11.1 16.7





#26
Benzo(a)pyrene
Concen: 4.902 ng/ul
RT: 23.358 min Scan# 4843
Delta R.T. -0.007 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

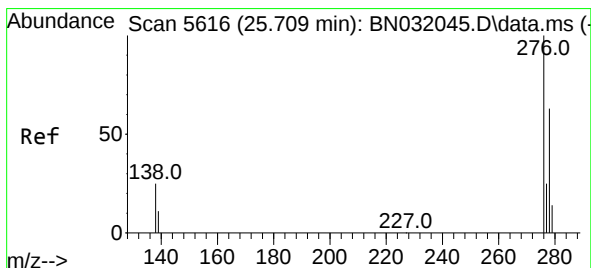
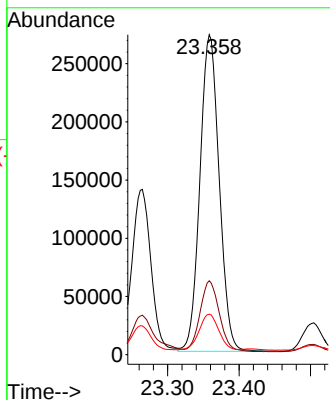
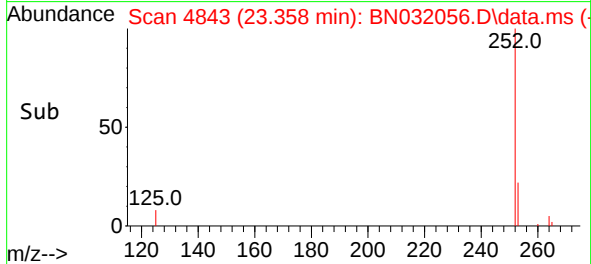
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:252 Resp: 51033
Ion Ratio Lower Upper
252 100
253 23.1 19.9 29.9
125 12.7 13.5 20.3

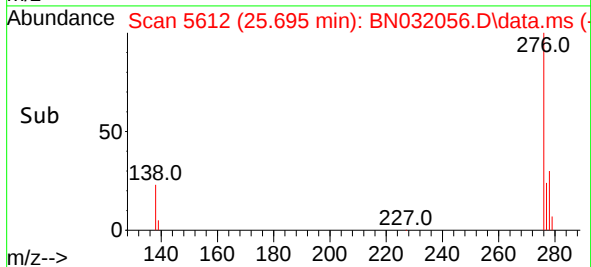
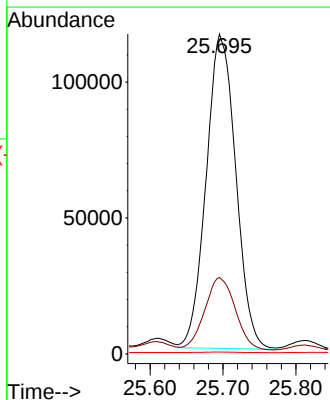
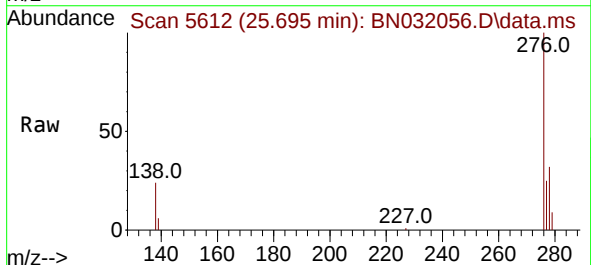
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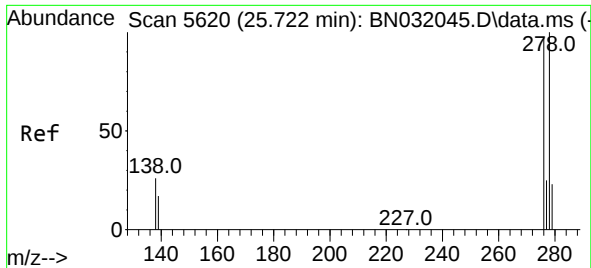
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.322 ng/ul
RT: 25.695 min Scan# 5612
Delta R.T. -0.011 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

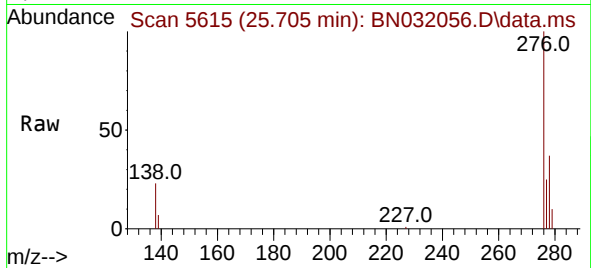
Tgt Ion:276 Resp: 326087
Ion Ratio Lower Upper
276 100
138 23.8 21.0 31.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.186 ng/ul
RT: 25.705 min Scan# 5615
Delta R.T. -0.018 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08

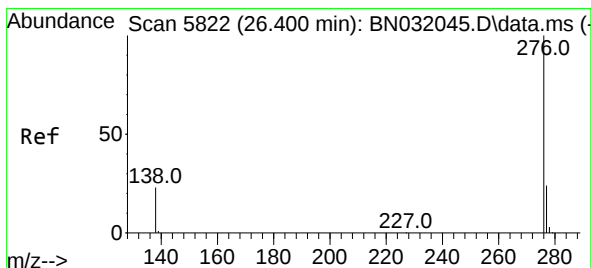
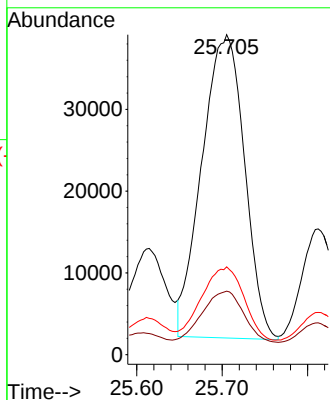
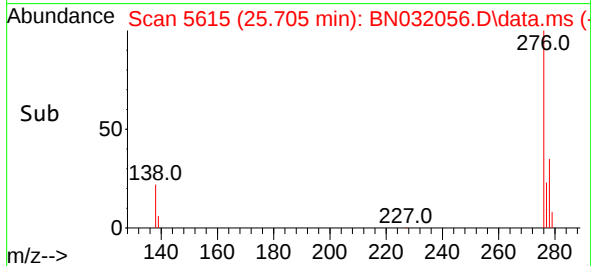
Instrument :
BNA_N
ClientSampleId :
A4BJ1



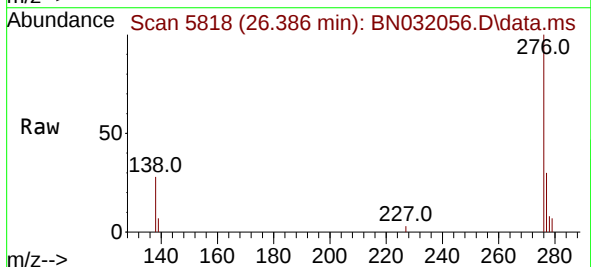
Tgt Ion:278 Resp: 128560
Ion Ratio Lower Upper
278 100
139 19.9 14.9 22.3
279 27.4 20.6 31.0

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul
RT: 26.386 min Scan# 5818
Delta R.T. -0.011 min
Lab File: BN032056.D
Acq: 18 Jun 2024 22:08



Tgt Ion:276 Resp: 48571
Ion Ratio Lower Upper
276 100
138 28.4 19.0 28.4
277 29.7 20.4 30.6

