

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032049.D
 Acq On : 18 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2696-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BM5

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 19:15:04 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	7.650	152	10093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	36640	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	24170	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.041	188	55877	0.400	ng/ul	0.00
17) Chrysene-d12	21.235	240	41286	0.400	ng/ul	0.00
23) Perylene-d12	23.459	264	32634m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	40140	3.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	15270	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	40267	0.323	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	7265	0.075	ng/ul	96
7) 2-Methylnaphthalene	12.098	142	2638	0.039	ng/ul	97
8) 1-Methylnaphthalene	12.318	142	2324	0.033	ng/ul	96
10) Acenaphthylene	14.013	152	10822	0.105	ng/ul	97
11) Acenaphthene	14.355	153	9565	0.124	ng/ul	100
12) Fluorene	15.345	166	11803	0.125	ng/ul	99
15) Phenanthrene	17.079	178	327068	2.076	ng/ul	99
16) Anthracene	17.172	178	45854	0.323	ng/ul	99
19) Fluoranthene	19.101	202	762759	5.015	ng/ul	99
20) Pyrene	19.468	202	473193	2.970	ng/ul	99
21) Benzo(a)anthracene	21.217	228	287339	1.815	ng/ul	98
22) Chrysene	21.270	228	327799	2.076	ng/ul	98
24) Benzo(b)fluoranthene	22.787	252	374316m	2.611	ng/ul	
25) Benzo(k)fluoranthene	22.828	252	148023m	1.075	ng/ul	
26) Benzo(a)pyrene	23.363	252	115568	1.135	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.700	276	105570	0.768	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.710	278	37641	0.355	ng/ul	93
29) Benzo(g,h,i)perylene	26.394	276	15859	0.145	ng/ul#	86

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

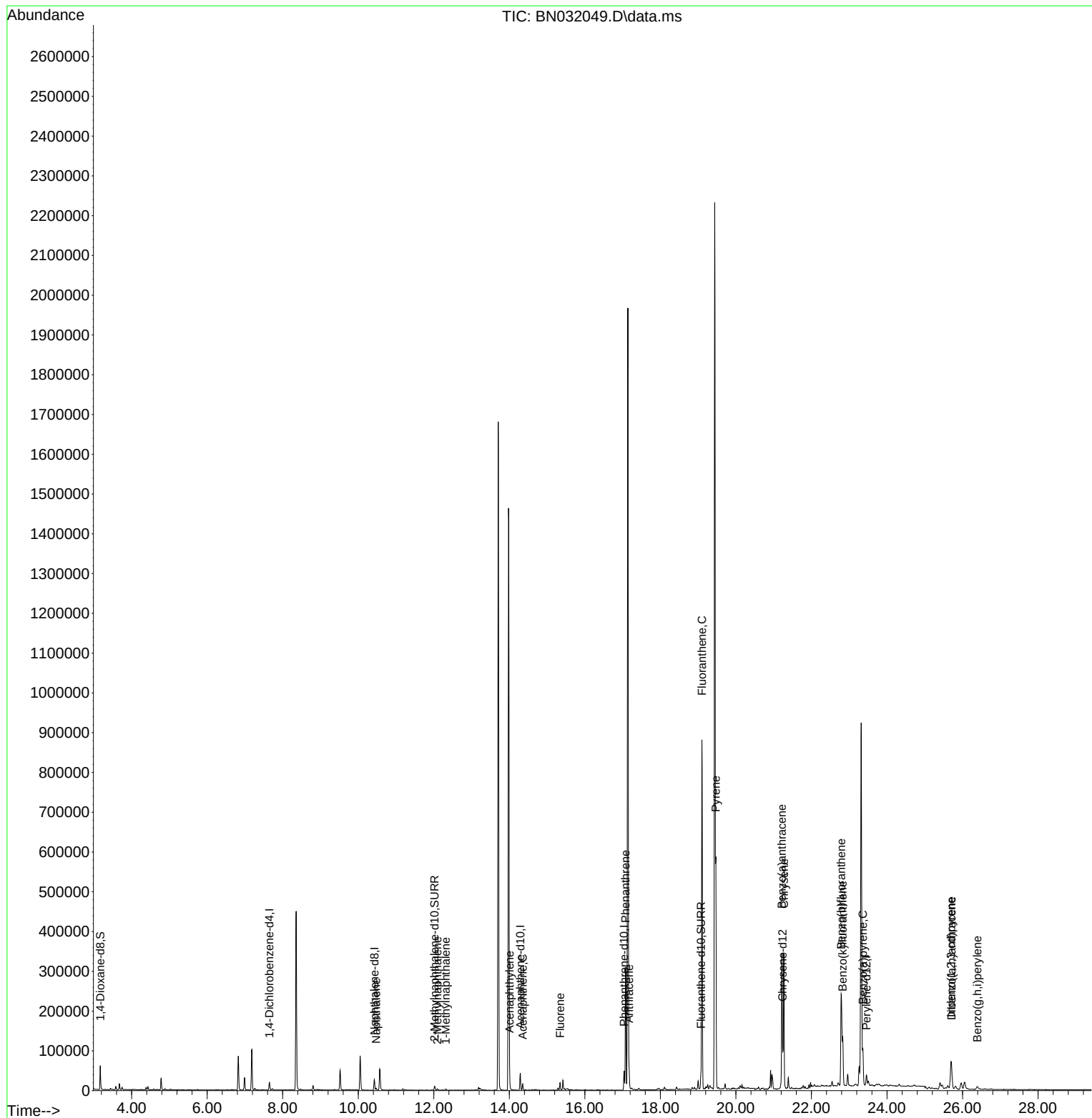
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032049.D
Acq On : 18 Jun 2024 17:53
Operator : MA/JU
Sample : P2696-24
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ALS Vial : 6 Sample Multiplier: 1

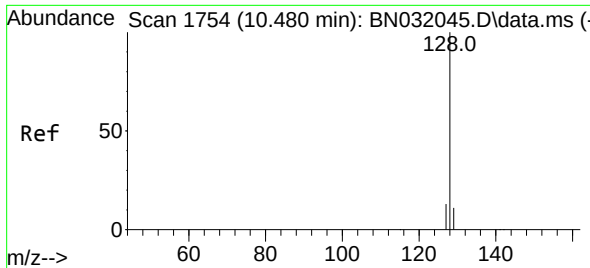
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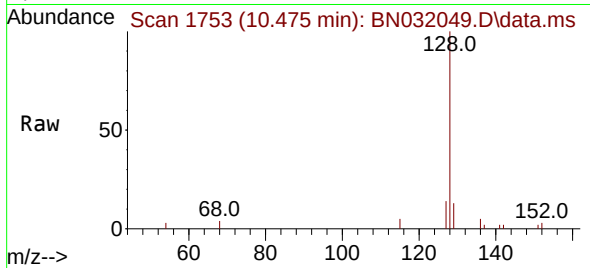
Quant Time: Jun 18 19:15:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

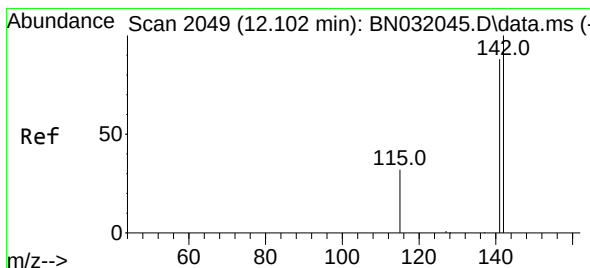
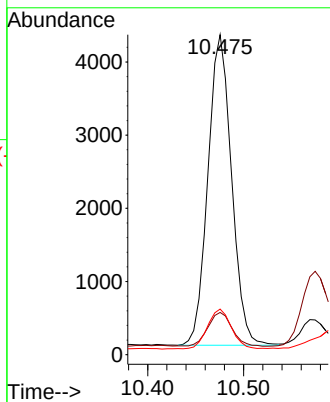
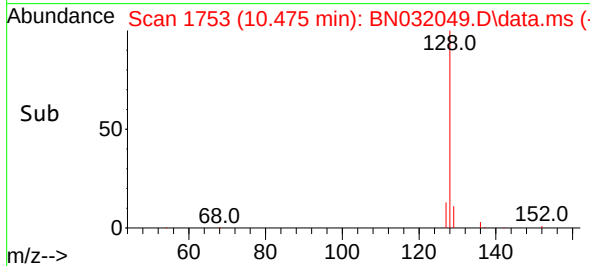
Instrument :
BNA_N
ClientSampleId :
A4BM5



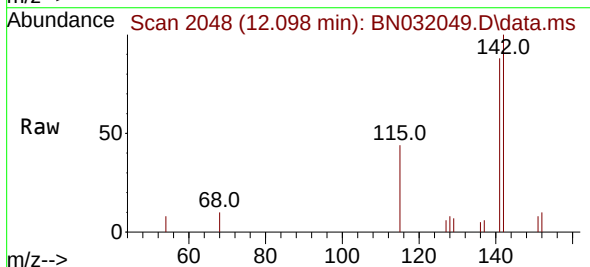
Tgt Ion:128 Resp: 7268
Ion Ratio Lower Upper
128 100
129 13.2 9.3 13.9
127 14.3 10.3 15.5

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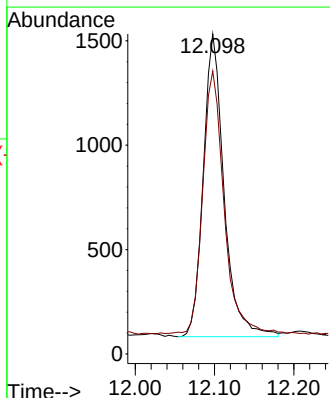
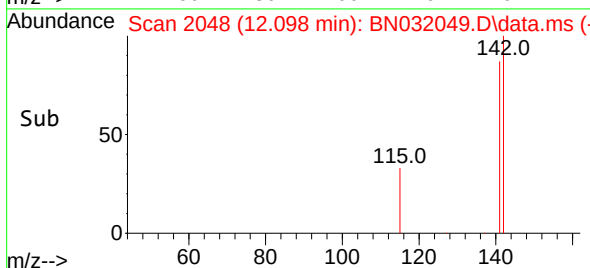
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

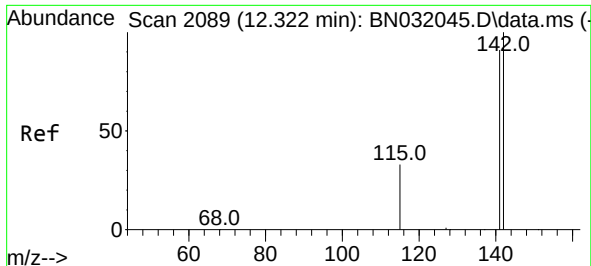


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.098 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53



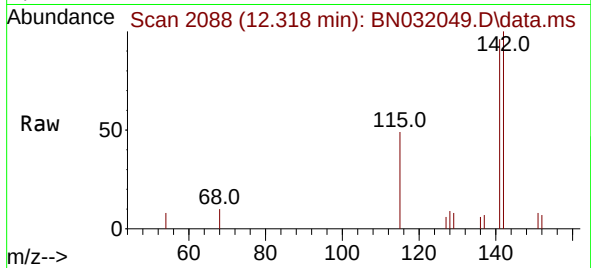
Tgt Ion:142 Resp: 2638
Ion Ratio Lower Upper
142 100
141 89.4 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.318 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

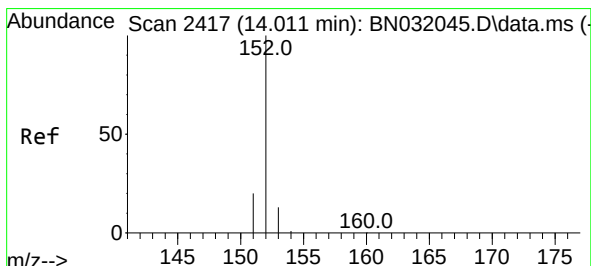
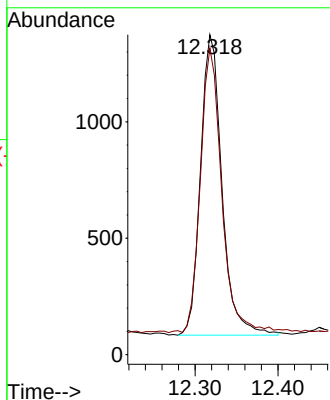
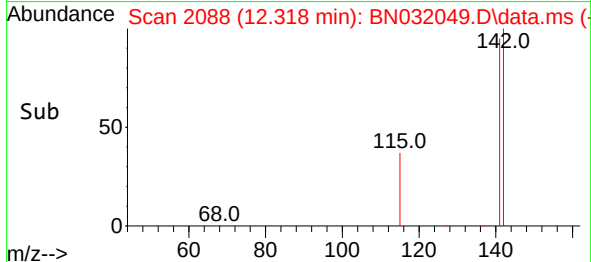
Instrument :
BNA_N
ClientSampleId :
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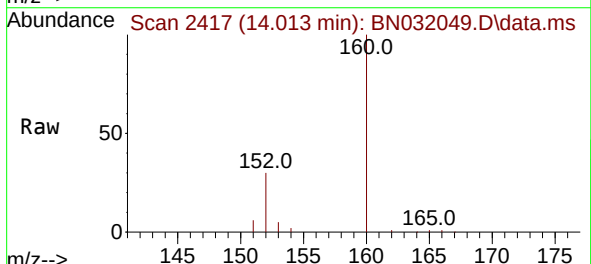
Tgt Ion:142 Resp: 2324
Ion Ratio Lower Upper
142 100
141 93.5 71.7 107.5

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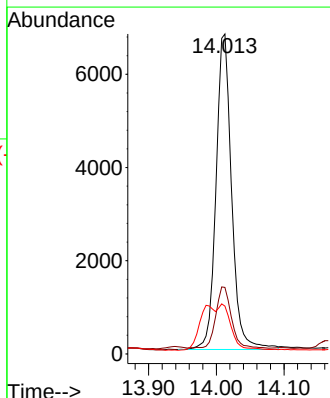
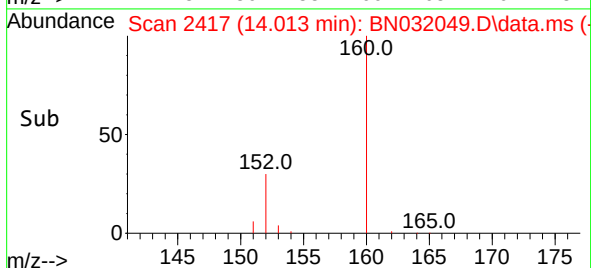
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

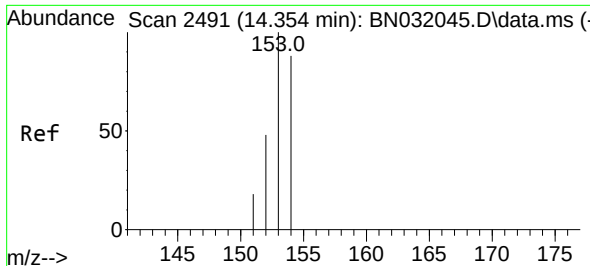


#10
Acenaphthylene
Concen: 0.105 ng/ul
RT: 14.013 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53



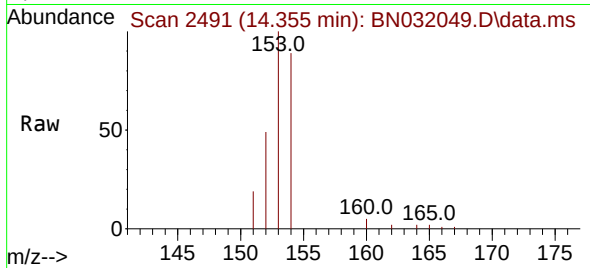
Tgt Ion:152 Resp: 10822
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 15.0 10.6 16.0





#11
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.355 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

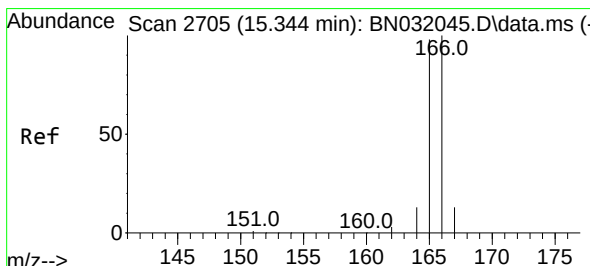
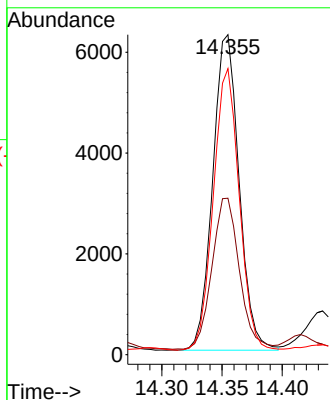
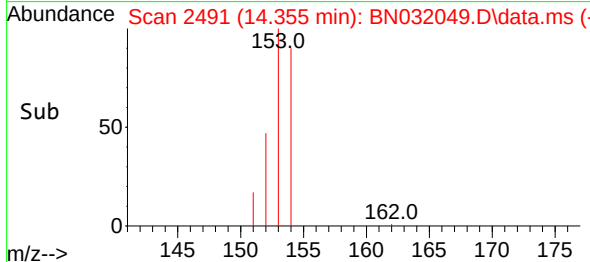
Instrument :
BNA_N
ClientSampleId :
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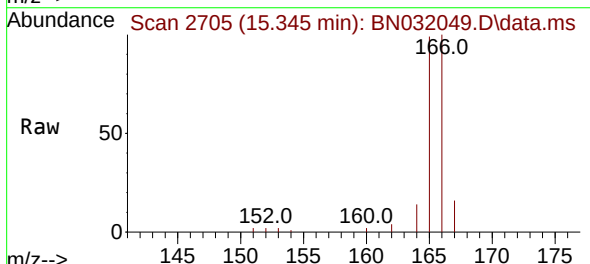
Tgt Ion:153 Resp: 956
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.2
154 89.4 71.2 106.8

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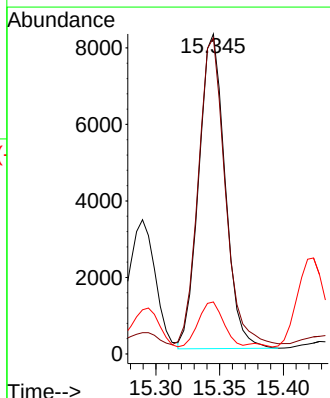
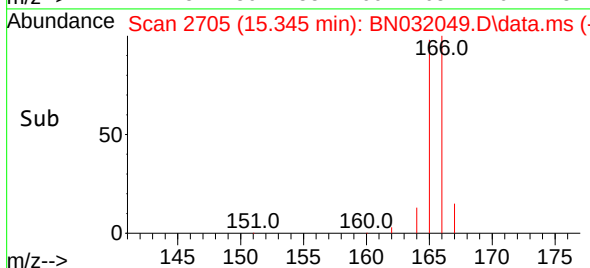
Reviewed By :Jagrut Upadhyay 06/19/2024
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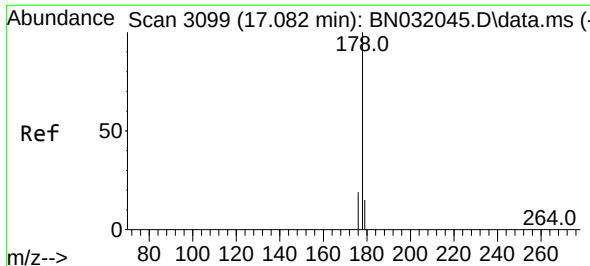


#12
Fluorene
Concen: 0.125 ng/ul
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53



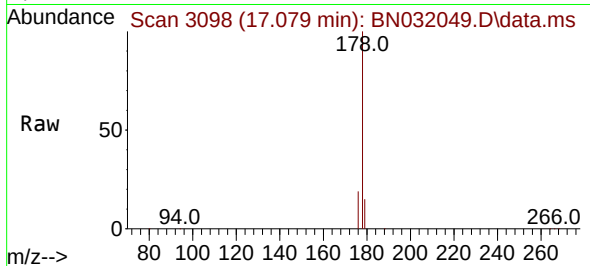
Tgt Ion:166 Resp: 11803
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 16.2 11.0 16.6





#15
Phenanthrene
Concen: 2.076 ng/u1
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

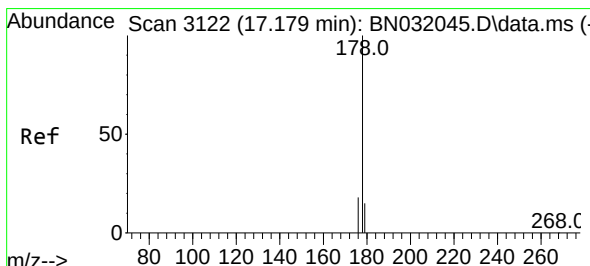
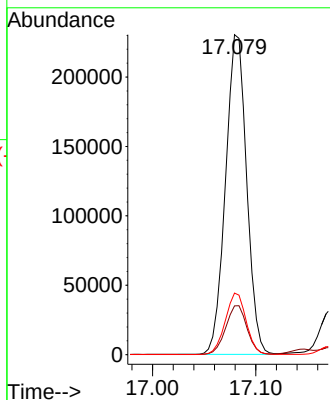
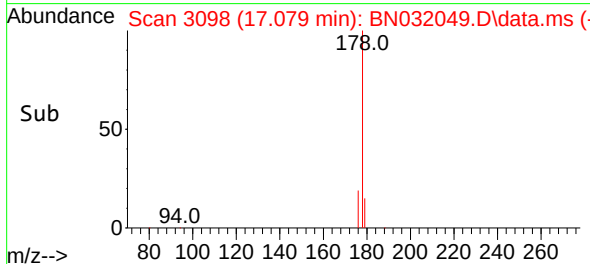
Instrument :
BNA_N
ClientSampleId :
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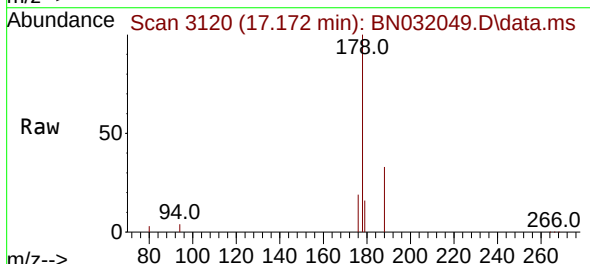
Tgt Ion:178 Resp: 327068
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.3 15.3 22.9

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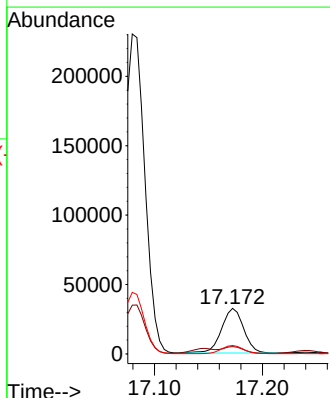
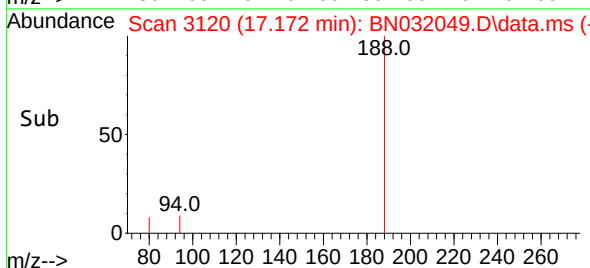
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

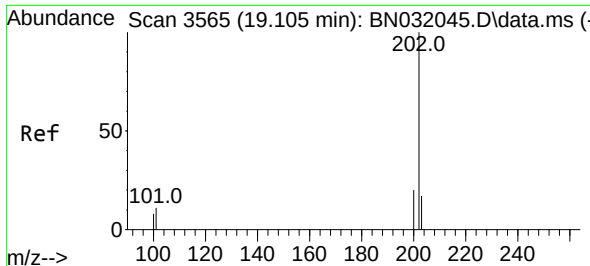


#16
Anthracene
Concen: 0.323 ng/u1
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53



Tgt Ion:178 Resp: 45854
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 18.8 14.8 22.2





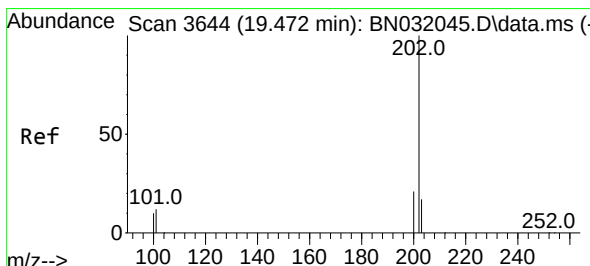
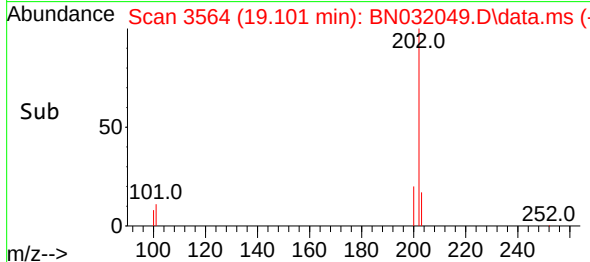
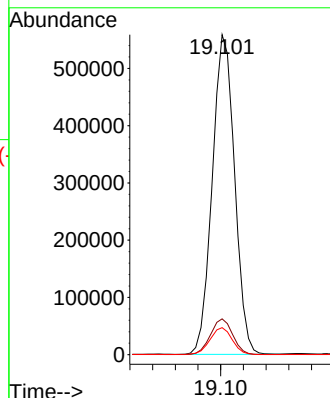
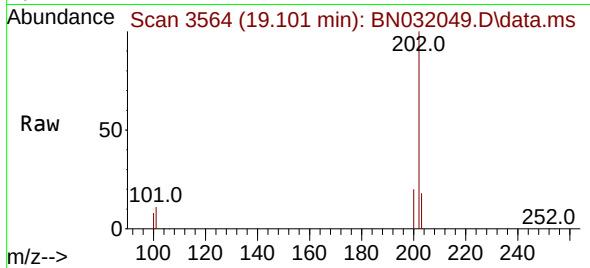
#19
Fluoranthene
Concen: 5.015 ng/uI
RT: 19.101 min Scan# 3564
Delta R.T. -0.004 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

Instrument :
BNA_N
ClientSampleId :
A4BM5

Tgt Ion:202 Resp: 762759
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.4 6.6 9.8

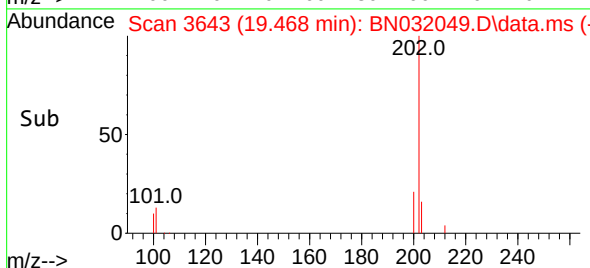
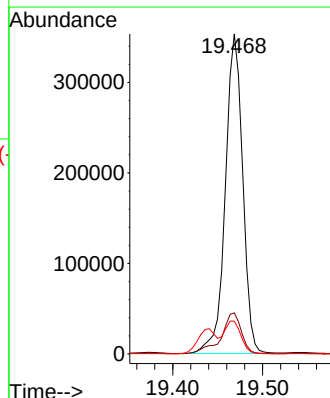
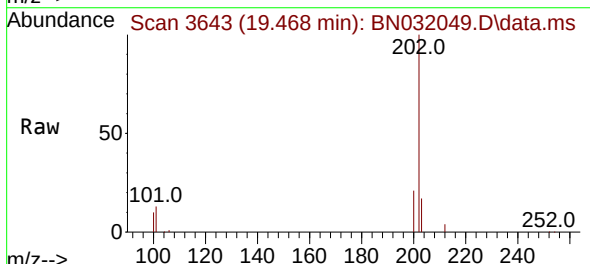
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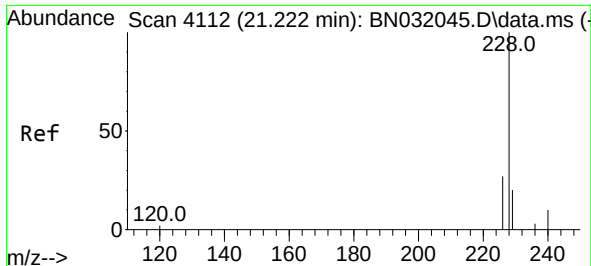
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 2.970 ng/uI
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

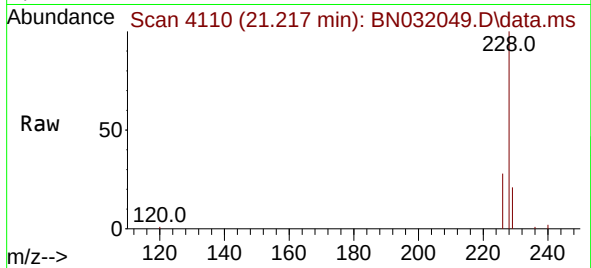
Tgt Ion:202 Resp: 473193
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.3 8.6 12.8





#21
Benzo(a)anthracene
Concen: 1.815 ng/ul
RT: 21.217 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

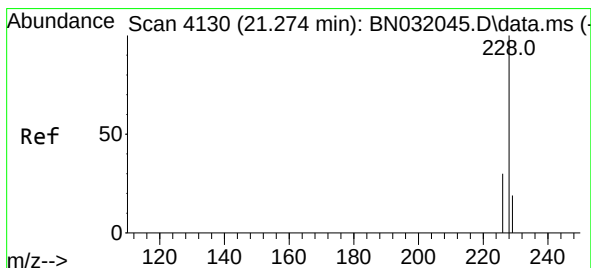
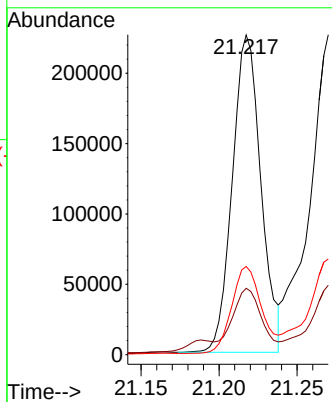
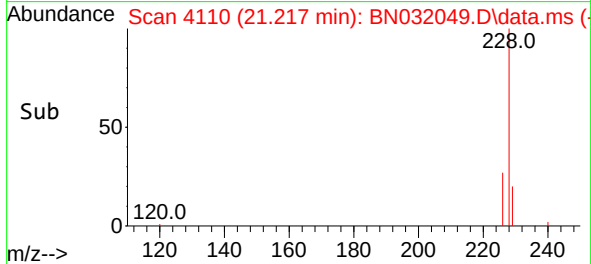
Instrument :
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Tgt Ion:228 Resp: 287339
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.6 21.7 32.5

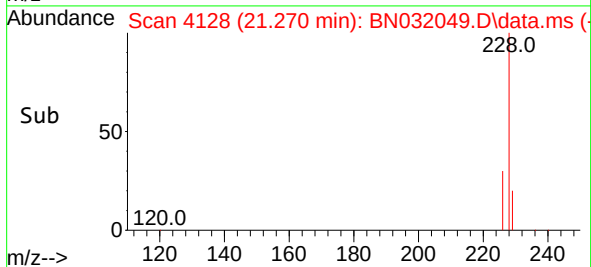
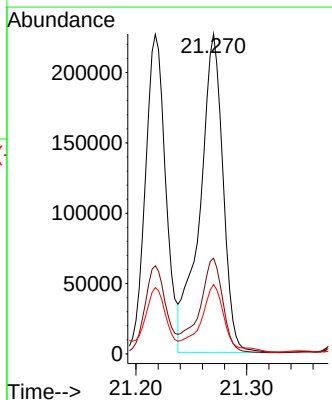
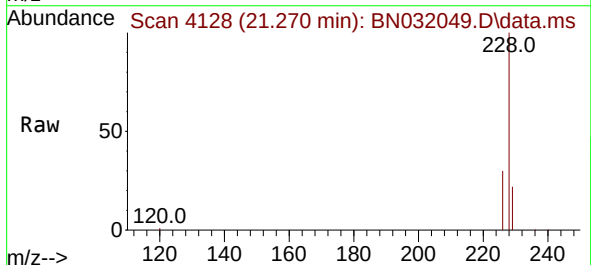
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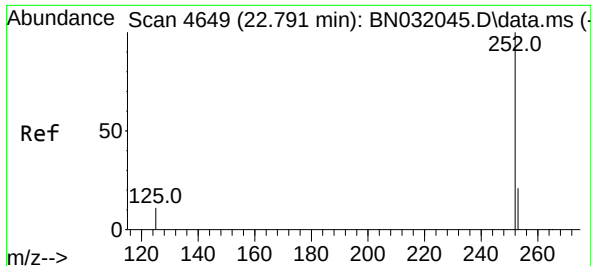
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.076 ng/ul
RT: 21.270 min Scan# 4128
Delta R.T. -0.006 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

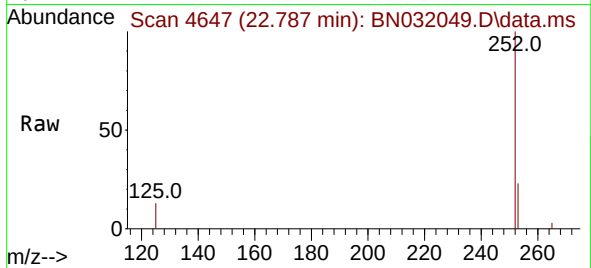
Tgt Ion:228 Resp: 327799
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 21.7 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 2.611 ng/ul m
RT: 22.787 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

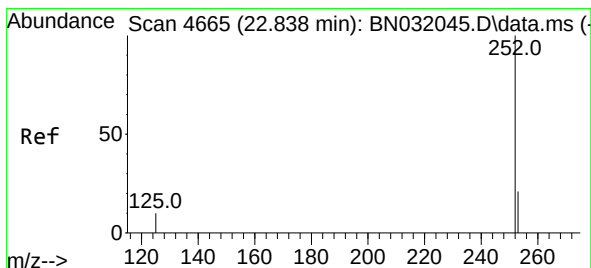
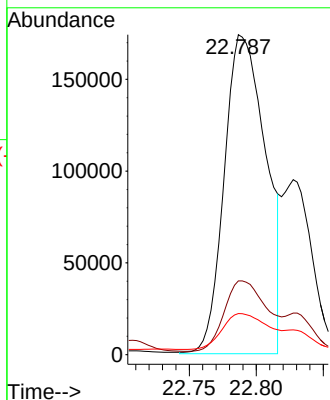
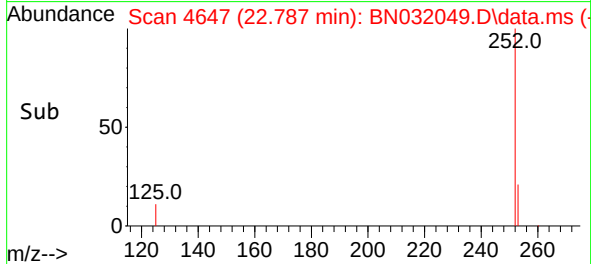
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 374310
Ion Ratio Lower Upper
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253 23.0 0.0 47.4
125 12.9 0.0 28.8

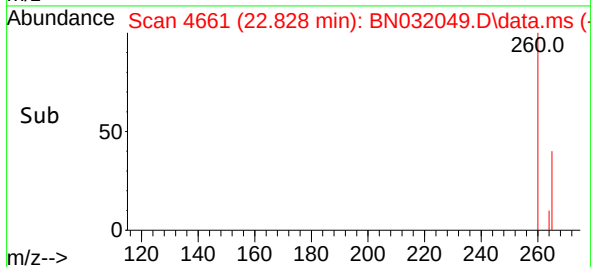
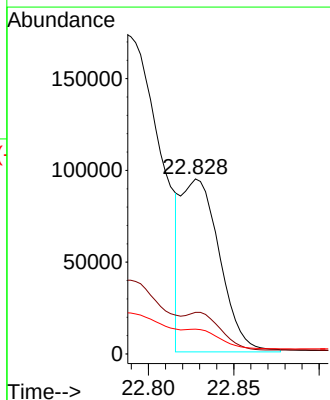
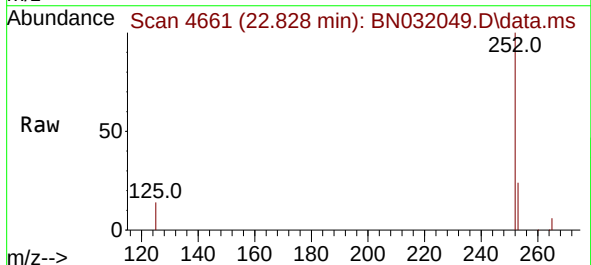
Manual Integrations
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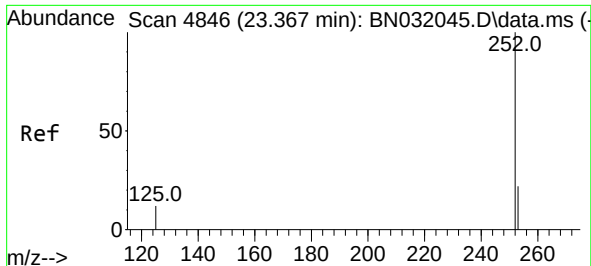
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.075 ng/ul m
RT: 22.828 min Scan# 4661
Delta R.T. -0.009 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

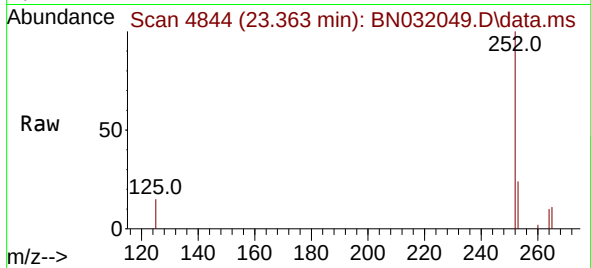
Tgt Ion:252 Resp: 148023
Ion Ratio Lower Upper
252 100
253 23.8 18.8 28.2
125 14.2 11.1 16.7





#26
Benzo(a)pyrene
Concen: 1.135 ng/ul
RT: 23.363 min Scan# 4844
Delta R.T. -0.003 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

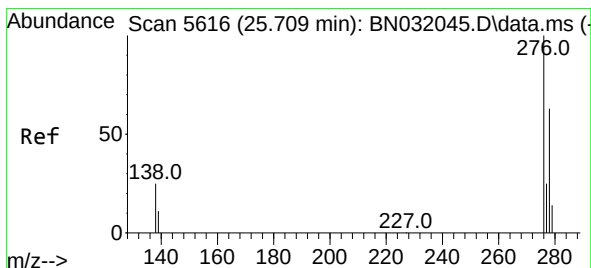
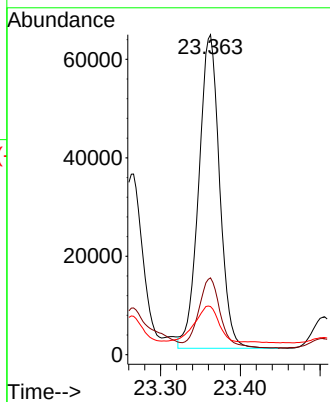
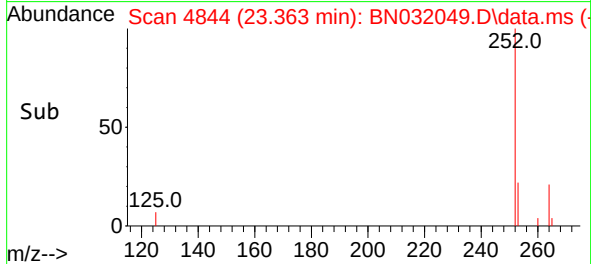
Instrument :
BNA_N
ClientSampleId :
A4BM5



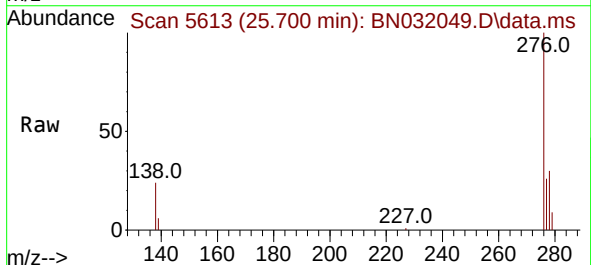
Tgt Ion:252 Resp: 11556
Ion Ratio Lower Upper
252 100
253 24.0 19.9 29.9
125 15.1 13.5 20.3

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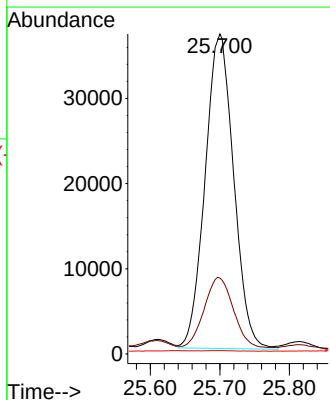
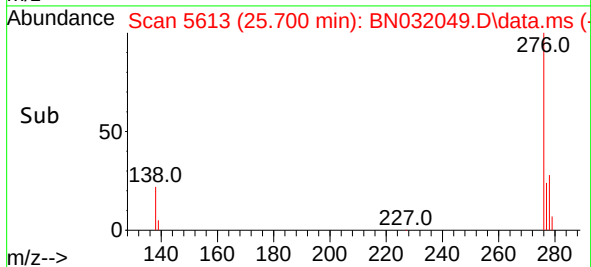
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

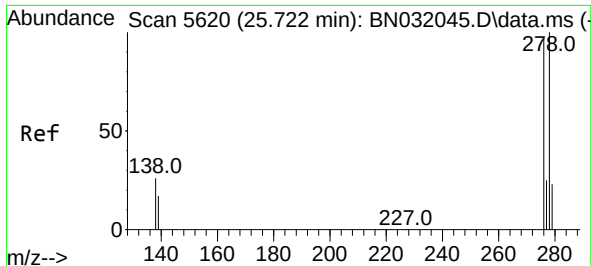


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.768 ng/ul
RT: 25.700 min Scan# 5613
Delta R.T. -0.006 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53



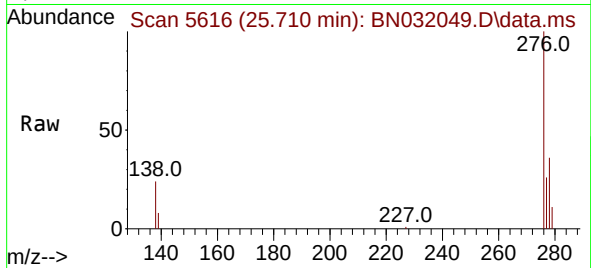
Tgt Ion:276 Resp: 105570
Ion Ratio Lower Upper
276 100
138 22.7 21.0 31.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 25.710 min Scan# 5616
Delta R.T. -0.013 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53

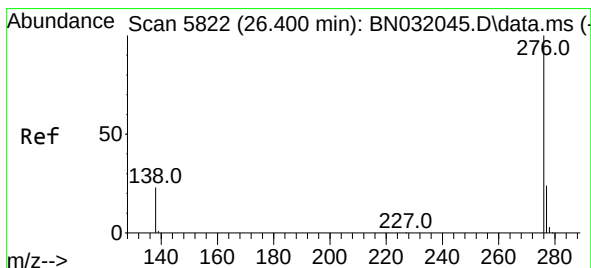
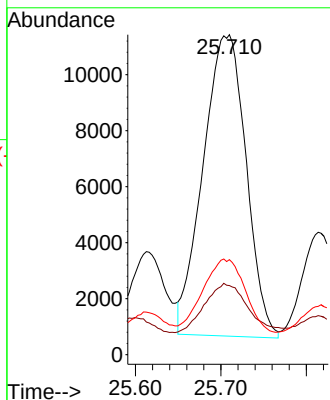
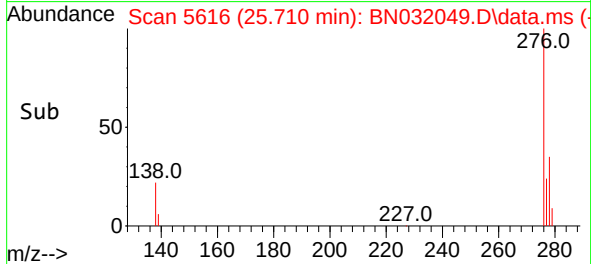
Instrument :
BNA_N
ClientSampleId :
A4BM5



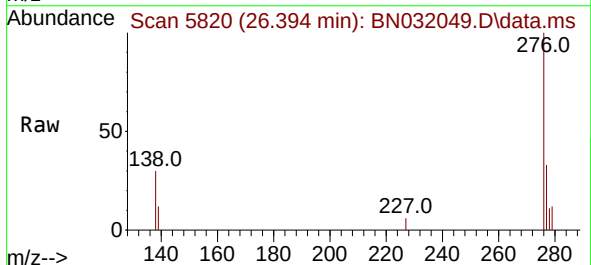
Tgt Ion:278 Resp: 3764
Ion Ratio Lower Upper
278 100
139 21.6 14.9 22.3
279 29.7 20.6 31.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 26.394 min Scan# 5820
Delta R.T. -0.003 min
Lab File: BN032049.D
Acq: 18 Jun 2024 17:53



Tgt Ion:276 Resp: 15859
Ion Ratio Lower Upper
276 100
138 30.0 19.0 28.4#
277 32.7 20.4 30.6#

