

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035239.D
 Acq On : 22 Nov 2024 13:11
 Operator : RC/JU
 Sample : P4872-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 13:40:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.322	152	4201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.070	136	11068	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.981	164	7178	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	16412	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.991	240	13804	0.400	ng/ul	# 0.00
23) Perylene-d12	23.095	264	11517m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	9678	2.521	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	2759	0.170	ng/ul	0.00
18) Fluoranthene-d10	18.800	212	8352	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.010	88	318	0.076	ng/ul#	53
5) Naphthalene	10.119	128	599	0.021	ng/ul#	71
7) 2-Methylnaphthalene	11.747	142	414	0.021	ng/ul	89
8) 1-Methylnaphthalene	11.972	142	419	0.021	ng/ul	96
10) Acenaphthylene	13.694	152	10429	0.366	ng/ul	99
11) Acenaphthene	14.046	153	565	0.026	ng/ul	93
12) Fluorene	15.045	166	1299	0.051	ng/ul#	95
14) Pentachlorophenol	16.405	266	116	0.030	ng/ul	98
15) Phenanthrene	16.789	178	11525	0.266	ng/ul	98
16) Anthracene	16.882	178	6295	0.156	ng/ul	97
19) Fluoranthene	18.828	202	58106	1.209	ng/ul#	93
20) Pyrene	19.200	202	49963	0.999	ng/ul#	93
21) Benzo(a)anthracene	20.976	228	36886	0.770	ng/ul	94
22) Chrysene	21.029	228	33336	0.692	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	42556m	1.118	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	17196m	0.438	ng/ul	
26) Benzo(a)pyrene	23.004	252	28519	0.820	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.145	276	17802	0.379	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.158	278	4112	0.112	ng/ul#	71
29) Benzo(g,h,i)perylene	25.765	276	14853	0.401	ng/ul#	93

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

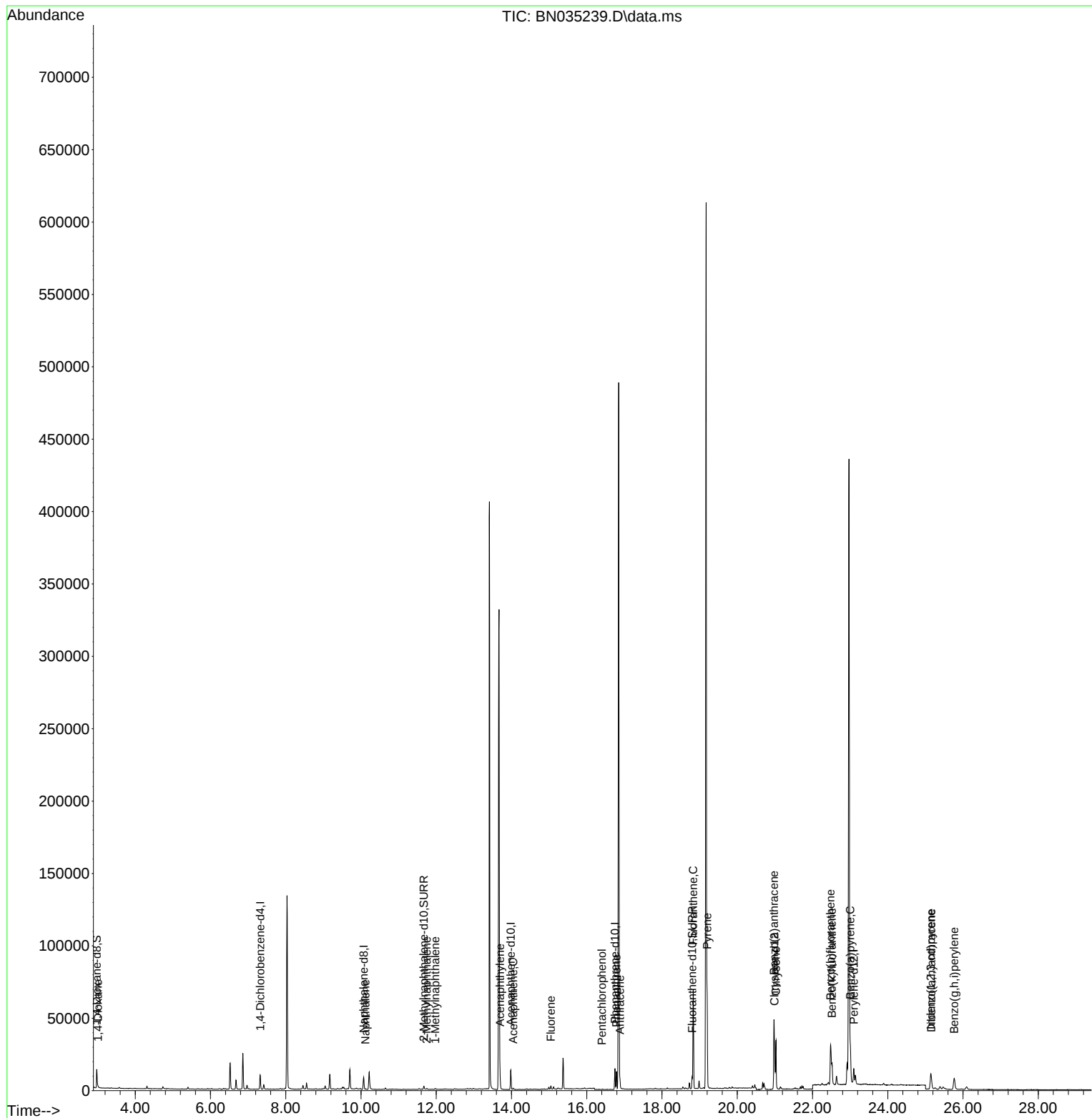
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035239.D
Acq On : 22 Nov 2024 13:11
Operator : RC/JU
Sample : P4872-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

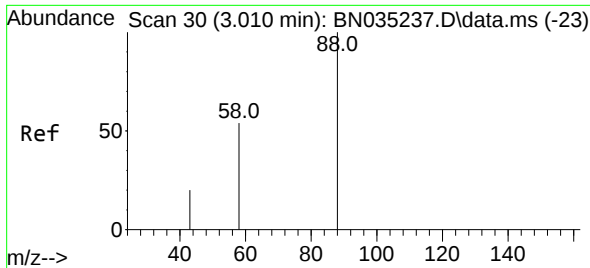
Instrument :
BNA_N
ClientSampleId :
E29X1

Manual Integrations
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Supervised By :mohammad ahmed 11/27/2024

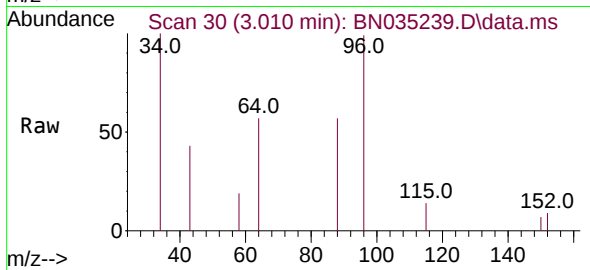
Quant Time: Nov 22 13:40:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.076 ng/ul
RT: 3.010 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

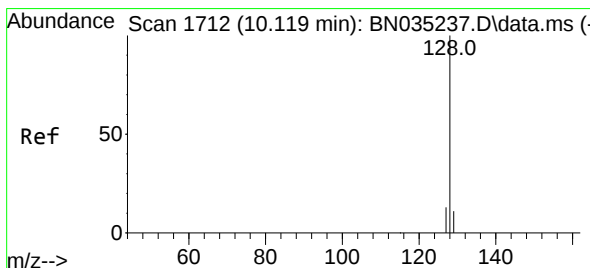
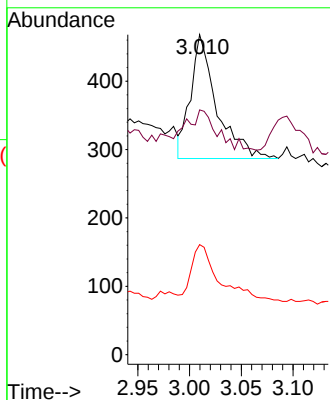
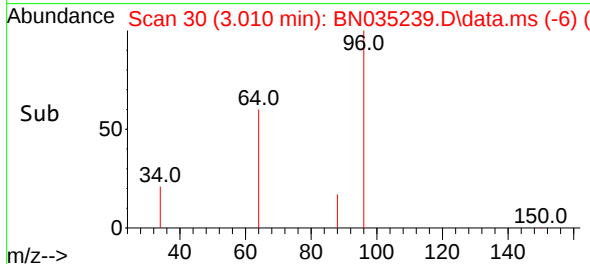
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion: 88 Resp: 318
Ion Ratio Lower Upper
88 100
43 76.5 20.6 31.0#
58 34.4 36.2 54.4#

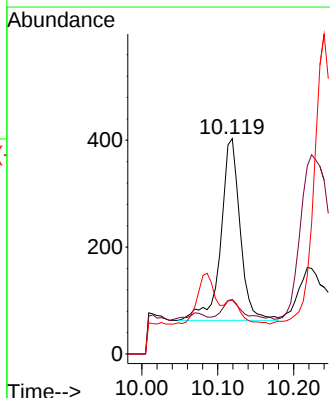
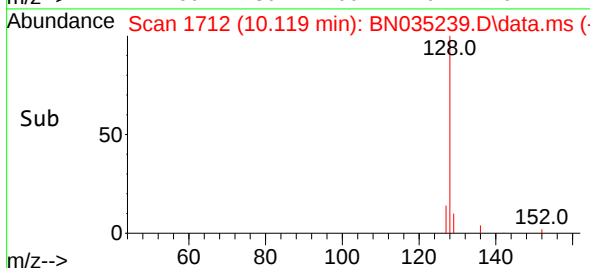
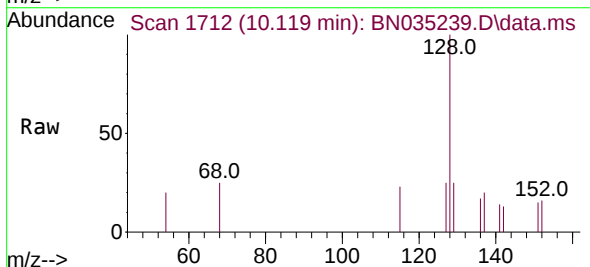
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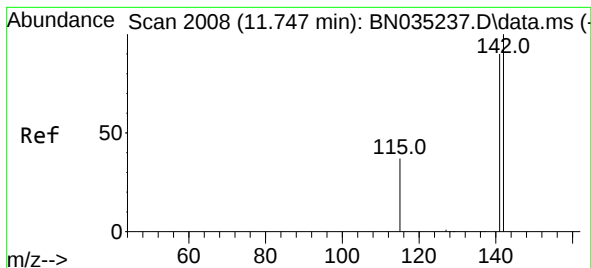
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.119 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

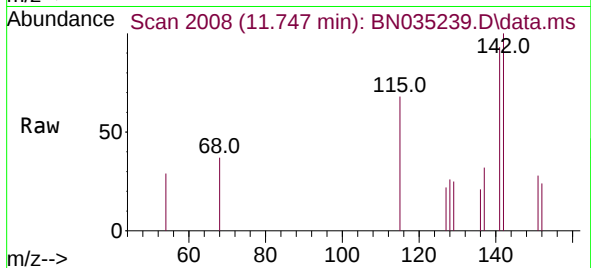
Tgt Ion:128 Resp: 599
Ion Ratio Lower Upper
128 100
129 25.1 9.9 14.9#
127 25.3 11.4 17.2#





#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.747 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

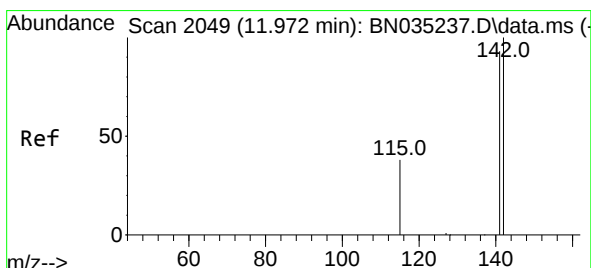
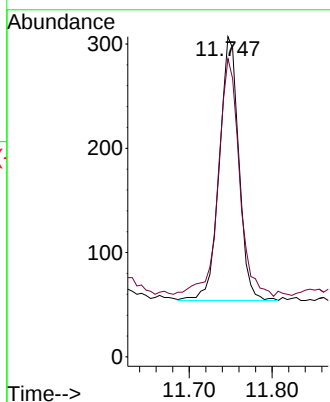
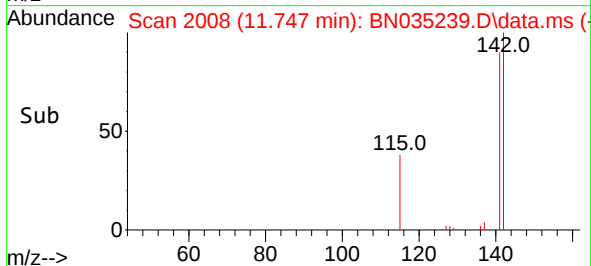
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
141 98.3 70.4 105.6

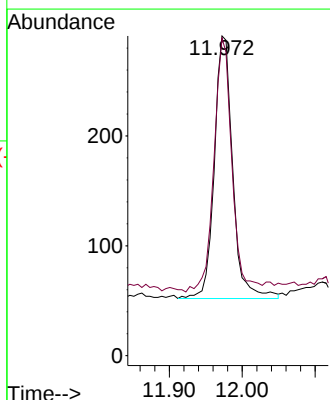
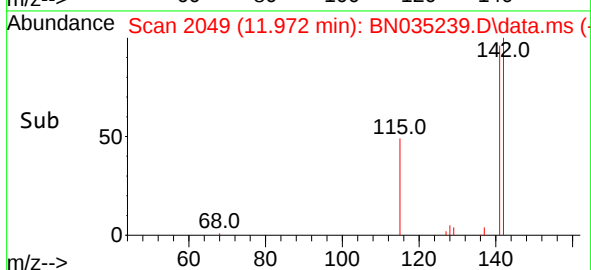
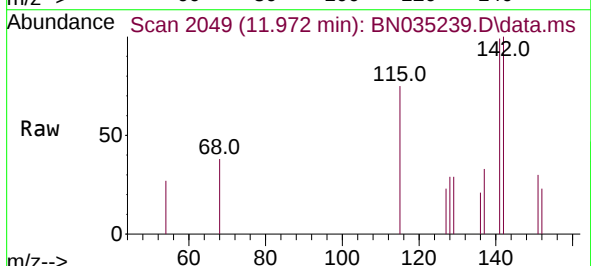
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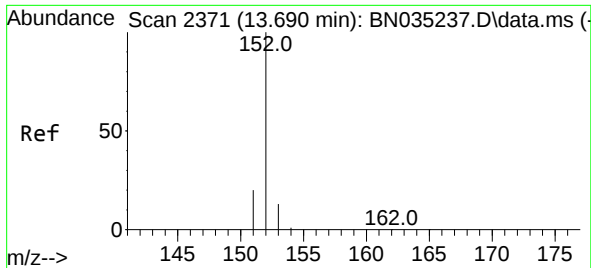
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

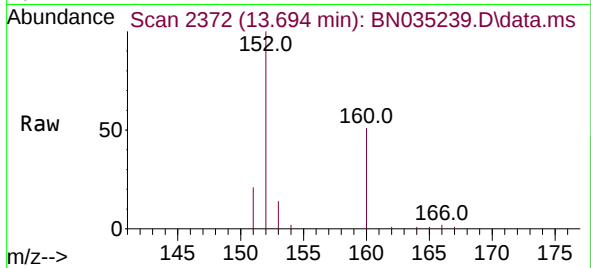
Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
141 94.7 73.1 109.7





#10
Acenaphthylene
Concen: 0.366 ng/u1
RT: 13.694 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

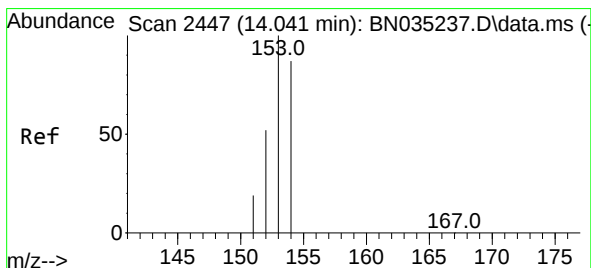
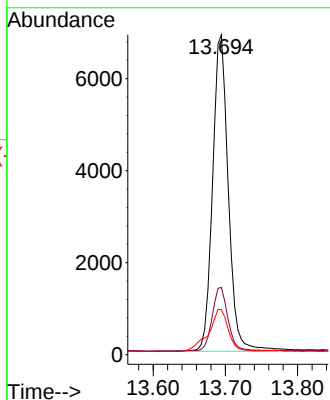
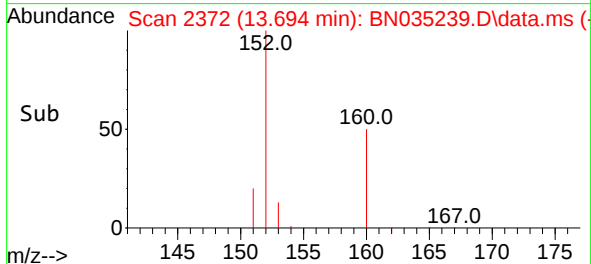
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion:152 Resp: 10429
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.0 11.1 16.7

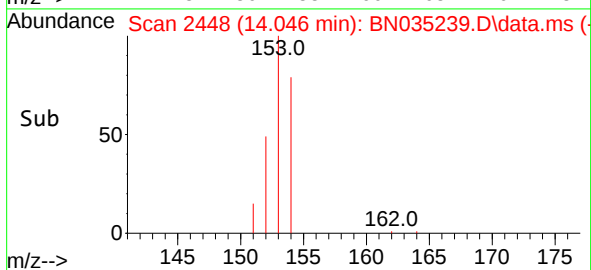
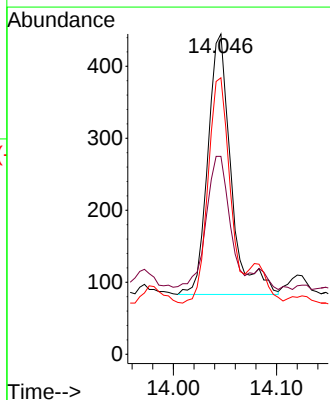
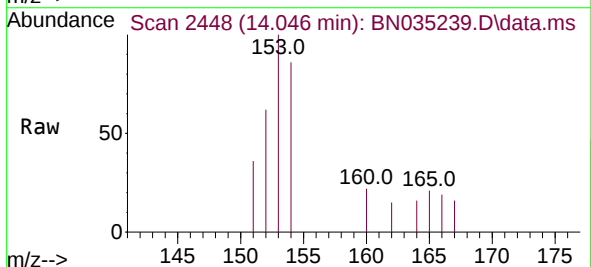
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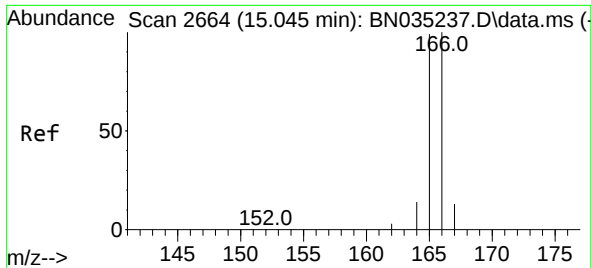
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.046 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

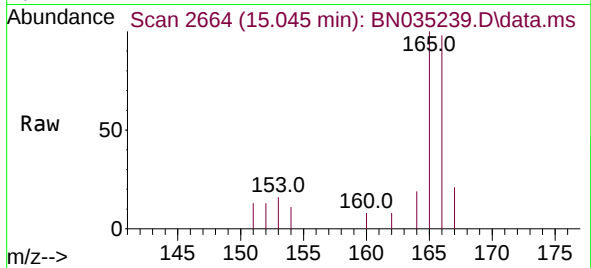
Tgt Ion:153 Resp: 565
Ion Ratio Lower Upper
153 100
152 61.8 41.4 62.0
154 86.3 71.2 106.8





#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.045 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

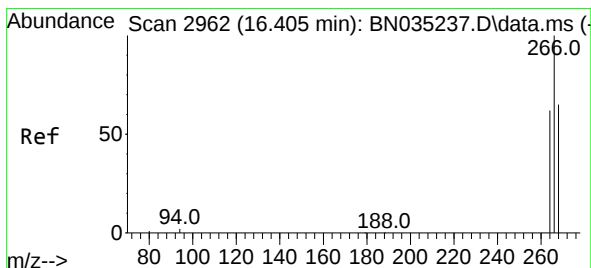
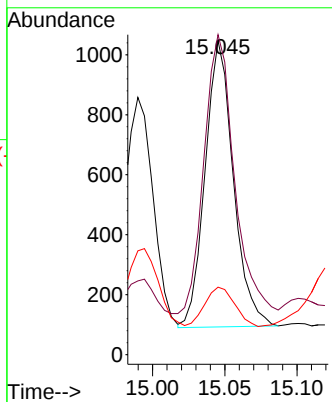
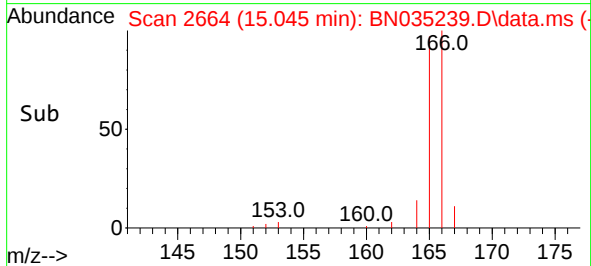
Instrument :
BNA_N
ClientSampleId :
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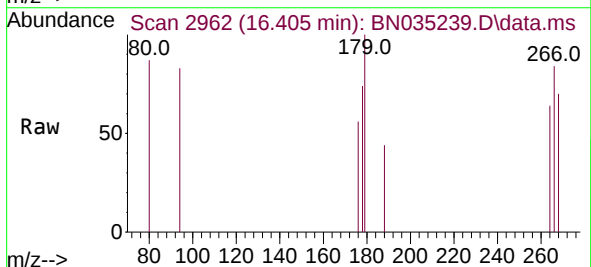
Tgt Ion:166 Resp: 129
Ion Ratio Lower Upper
166 100
165 101.9 78.6 118.0
167 21.5 11.8 17.6

Manual Integrations
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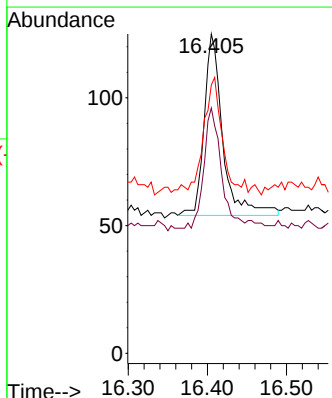
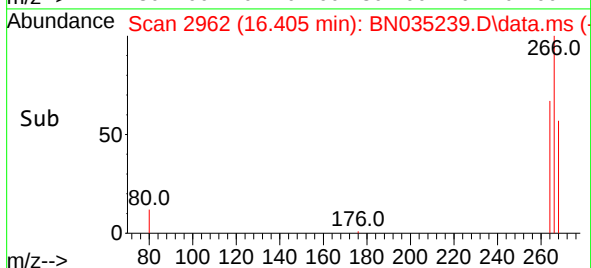
Reviewed By :Jagrut Upadhyay 11/26/2024
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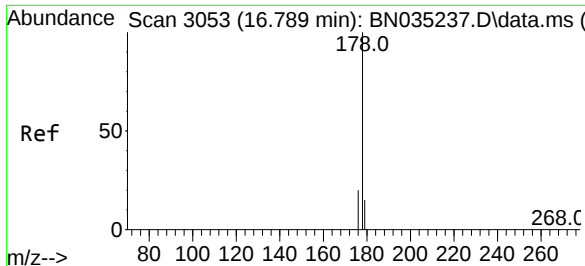


#14
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.405 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11



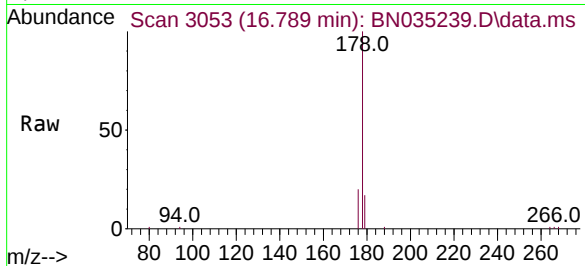
Tgt Ion:266 Resp: 116
Ion Ratio Lower Upper
266 100
264 63.8 51.8 77.6
268 66.4 51.3 76.9





#15
Phenanthrene
Concen: 0.266 ng/ul
RT: 16.789 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

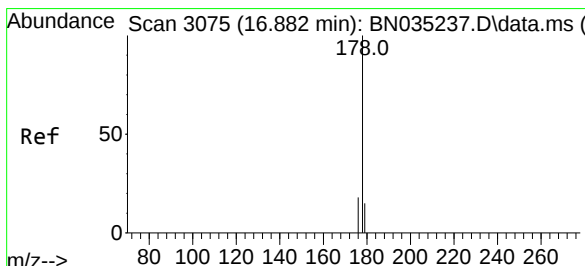
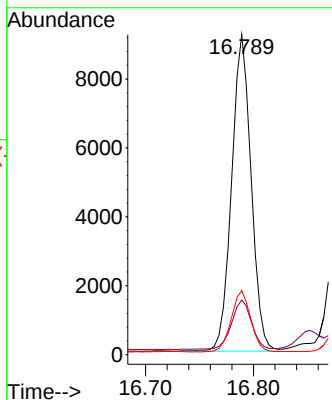
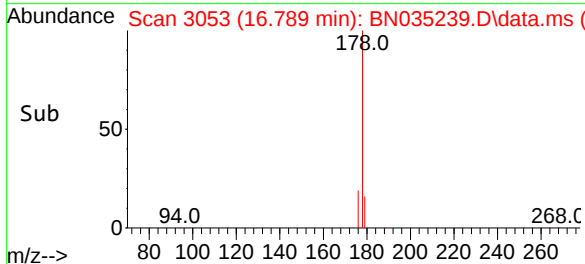
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion:178 Resp: 1152
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.0 15.6 23.4

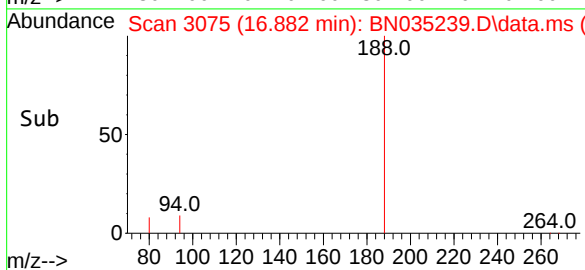
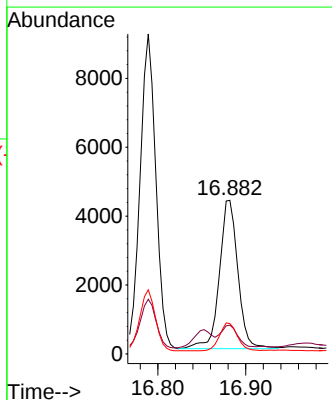
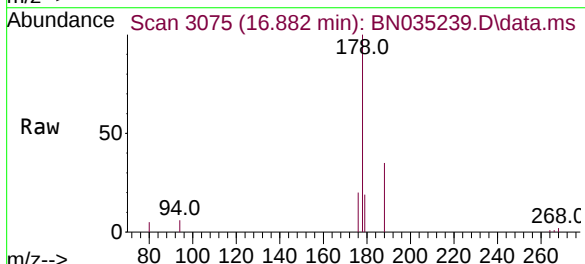
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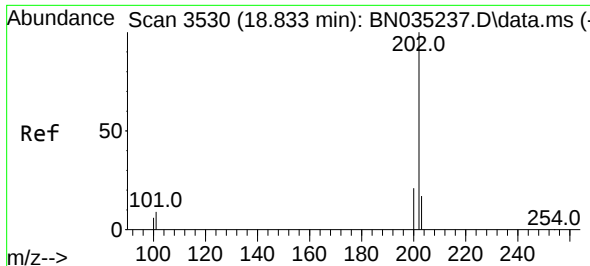
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#16
Anthracene
Concen: 0.156 ng/ul
RT: 16.882 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

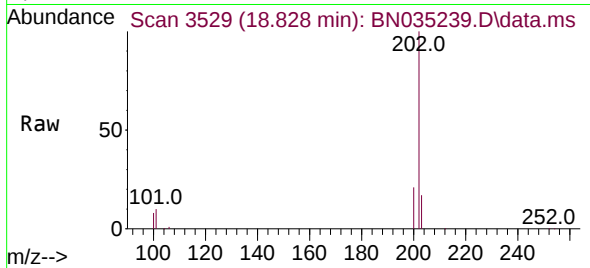
Tgt Ion:178 Resp: 6295
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 19.8 15.4 23.2





#19
Fluoranthene
Concen: 1.209 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

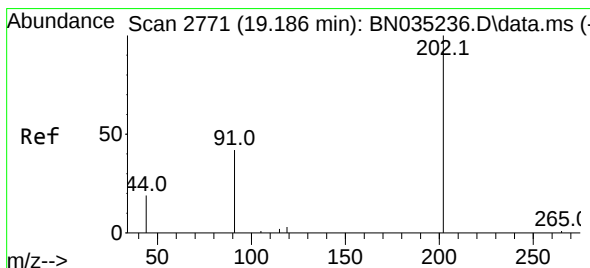
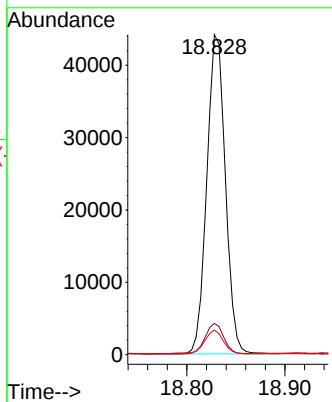
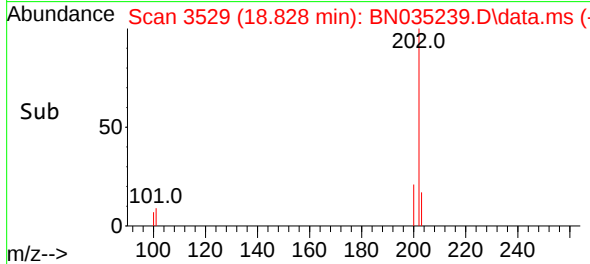
Instrument :
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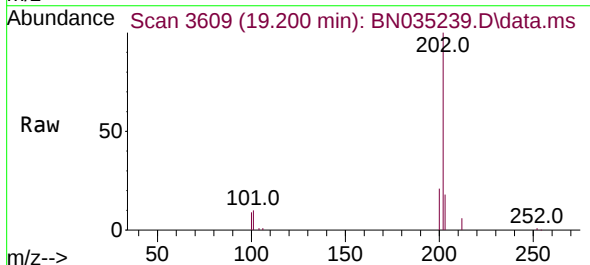
Tgt Ion:202 Resp: 58100
Ion Ratio Lower Upper
202 100
101 9.8 5.8 8.6#
100 7.7 4.5 6.7#

Manual Integrations
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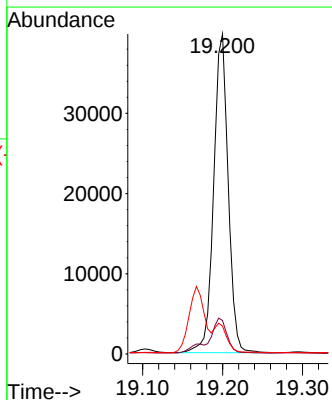
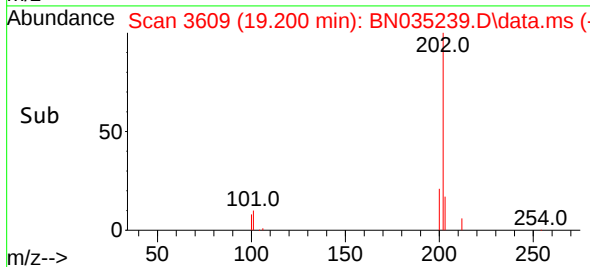
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

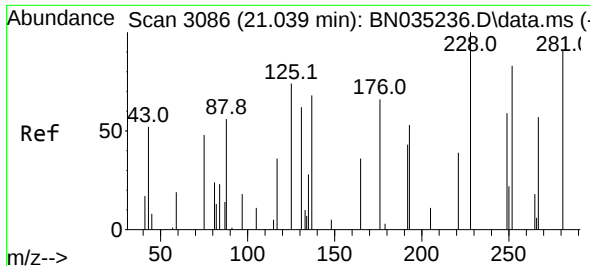


#20
Pyrene
Concen: 0.999 ng/u1
RT: 19.200 min Scan# 3609
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11



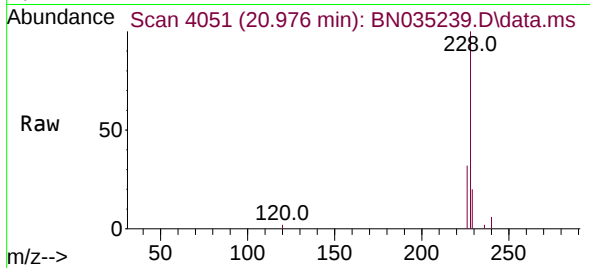
Tgt Ion:202 Resp: 49963
Ion Ratio Lower Upper
202 100
101 10.4 6.2 9.4#
100 8.7 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.770 ng/ul
RT: 20.976 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

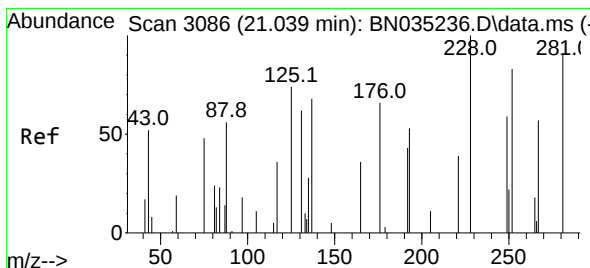
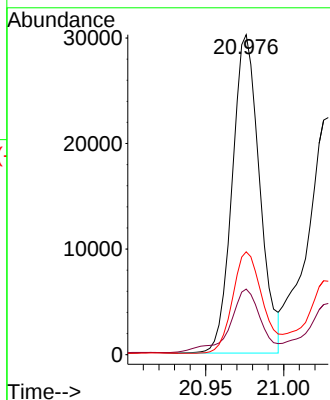
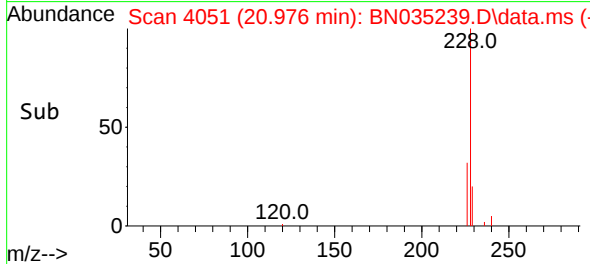
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion:228 Resp: 36880
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 32.1 21.8 32.8

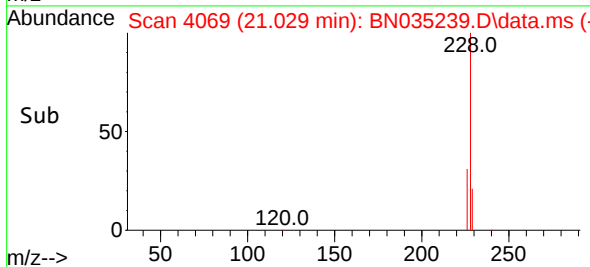
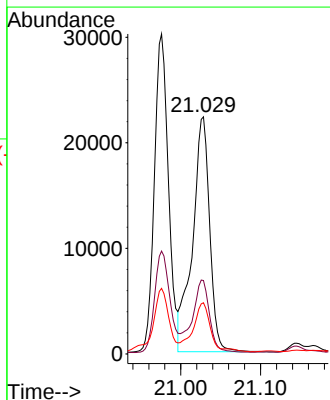
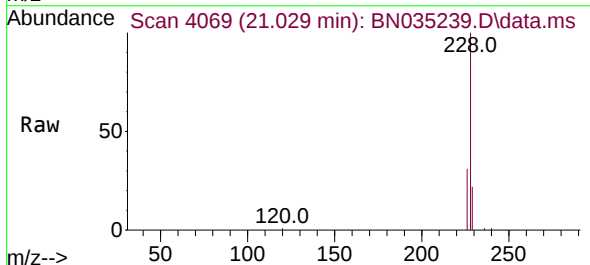
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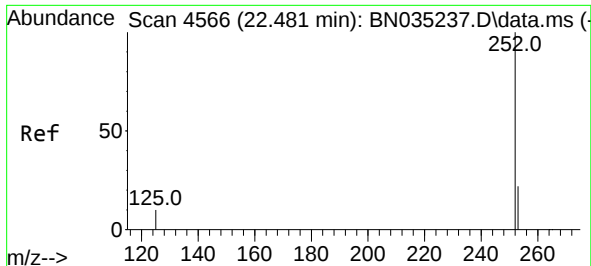
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Chrysene
Concen: 0.692 ng/ul
RT: 21.029 min Scan# 4069
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

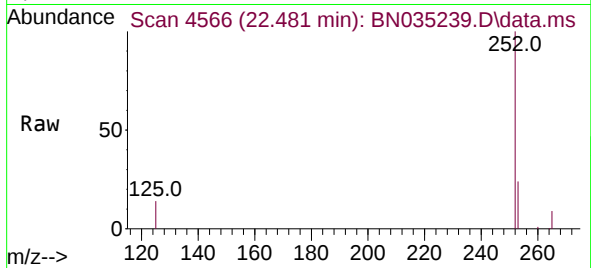
Tgt Ion:228 Resp: 33336
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 21.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.118 ng/ul m
RT: 22.481 min Scan# 4566
Delta R.T. 0.000 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

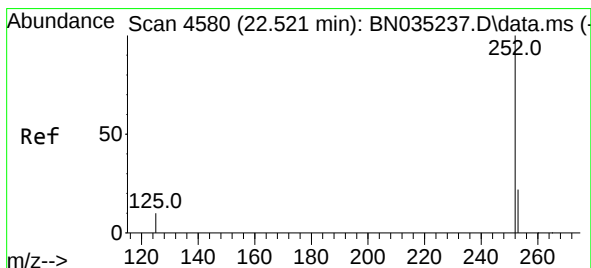
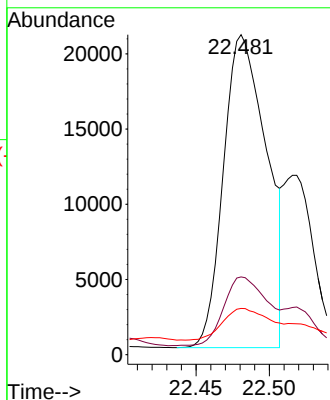
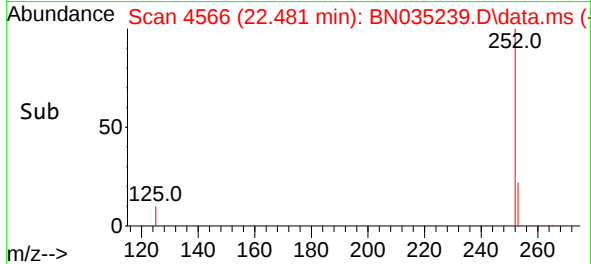
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion:252 Resp: 42550
Ion Ratio Lower Upper
252 100
253 24.3 0.0 54.0
125 14.4 0.0 19.4

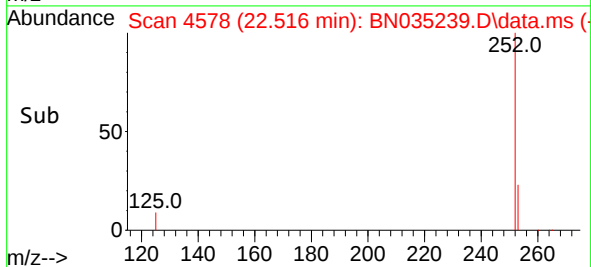
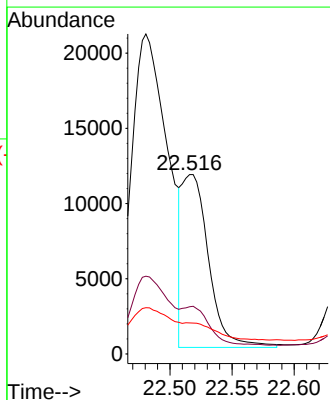
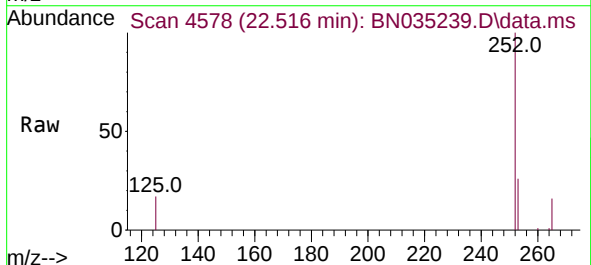
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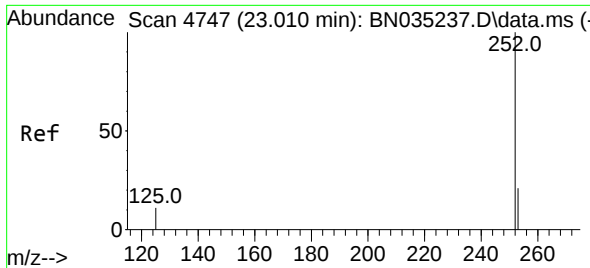
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul m
RT: 22.516 min Scan# 4578
Delta R.T. -0.006 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

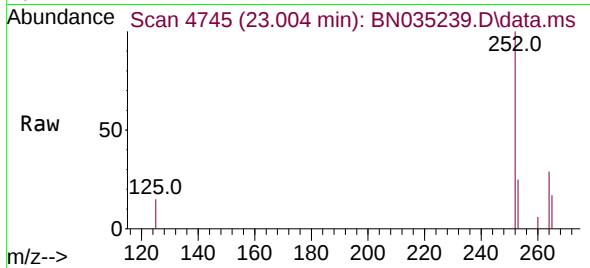
Tgt Ion:252 Resp: 17196
Ion Ratio Lower Upper
252 100
253 26.3 21.8 32.6
125 17.3 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.820 ng/u1
RT: 23.004 min Scan# 4745
Delta R.T. -0.006 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

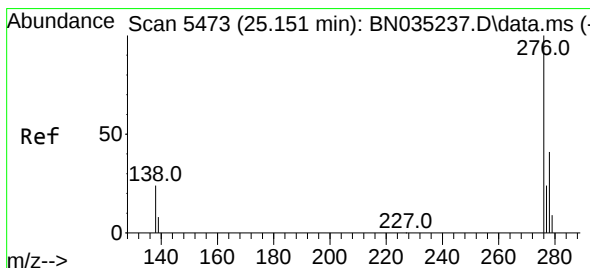
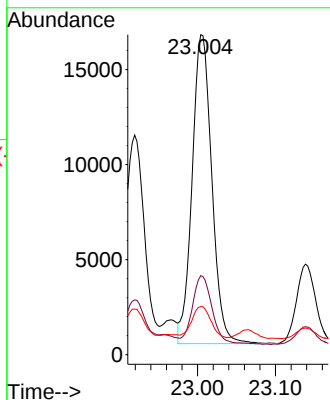
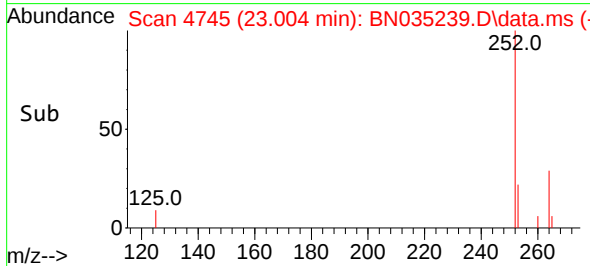
Instrument :
BNA_N
ClientSampleId :
E29X1



Tgt Ion:252 Resp: 28519
Ion Ratio Lower Upper
252 100
253 24.7 22.9 34.3
125 15.1 9.4 14.2

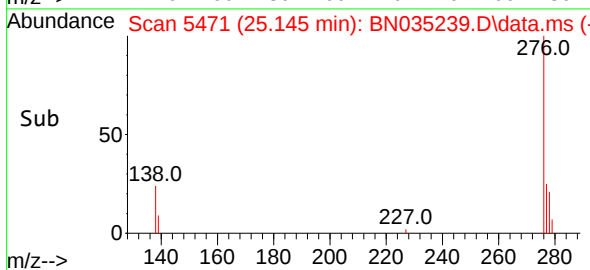
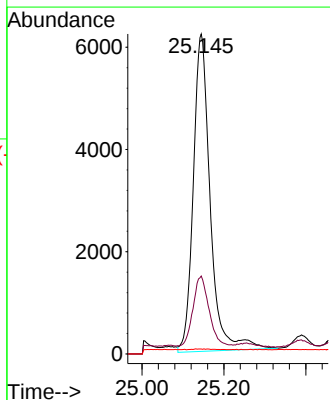
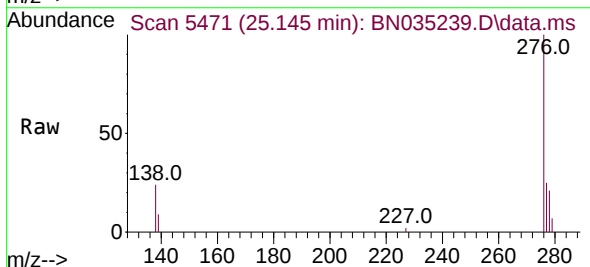
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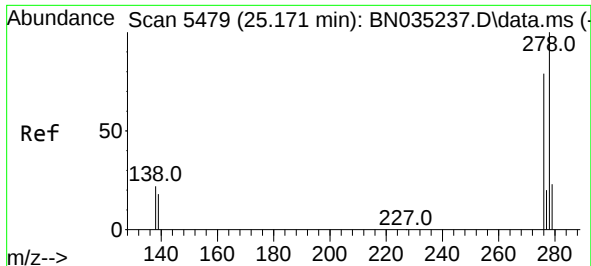
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/u1
RT: 25.145 min Scan# 5471
Delta R.T. -0.007 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

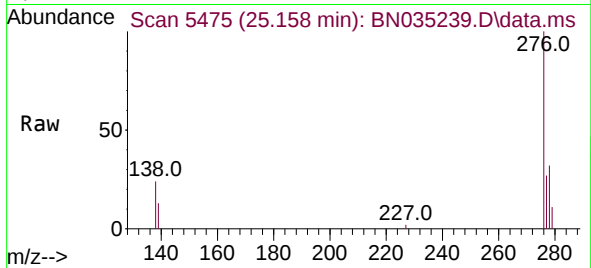
Tgt Ion:276 Resp: 17802
Ion Ratio Lower Upper
276 100
138 26.3 13.8 20.8#
227 9.6 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 25.158 min Scan# 5479
Delta R.T. -0.013 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11

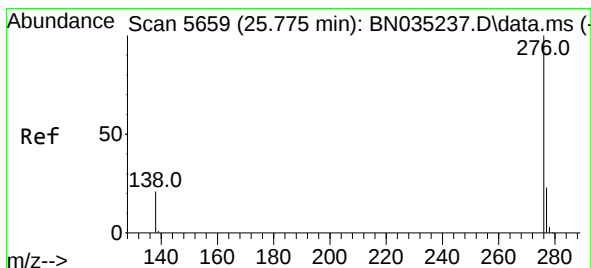
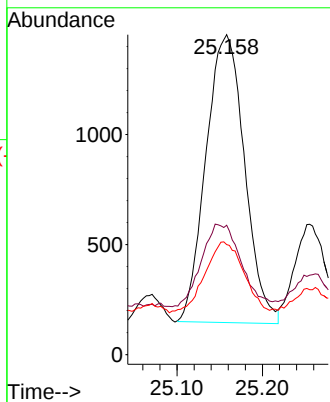
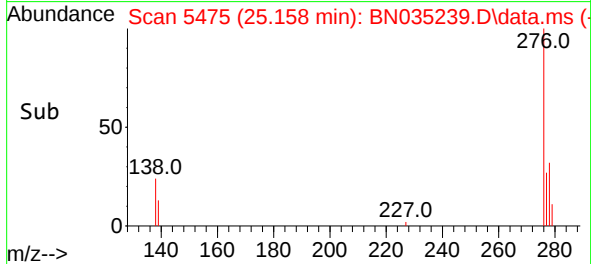
Instrument :
BNA_N
ClientSampleId :
E29X1



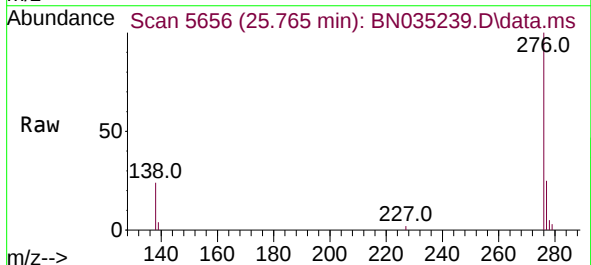
Tgt Ion:278 Resp: 4112
Ion Ratio Lower Upper
278 100
139 40.4 10.7 16.1
279 34.4 22.8 34.2

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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 25.765 min Scan# 5656
Delta R.T. -0.010 min
Lab File: BN035239.D
Acq: 22 Nov 2024 13:11



Tgt Ion:276 Resp: 14853
Ion Ratio Lower Upper
276 100
138 23.8 13.0 19.6
277 25.3 20.5 30.7

