

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032847.D
 Acq On : 19 Jul 2024 18:49
 Operator : MA/JU
 Sample : P3178-19MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:19:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	3618	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.305	136	11463	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.184	164	6140	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.948	188	10343	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	9031	0.400	ng/ul	#-0.01
23) Perylene-d12	23.354	264	11247	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	1753	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	4508	0.260	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	7308	0.248	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	4648	0.939	ng/ul	88
5) Naphthalene	10.354	128	16805	0.546	ng/ul	98
7) 2-Methylnaphthalene	11.982	142	7433	0.387	ng/ul	98
8) 1-Methylnaphthalene	12.202	142	6613	0.333	ng/ul	99
10) Acenaphthylene	13.906	152	7449	0.300	ng/ul	98
11) Acenaphthene	14.248	153	10949	0.534	ng/ul	99
12) Fluorene	15.252	166	11741	0.501	ng/ul	99
14) Pentachlorophenol	16.632	266	903	0.498	ng/ul	97
15) Phenanthrene	16.986	178	91551	3.250	ng/ul	99
16) Anthracene	17.088	178	19106	0.830	ng/ul	98
19) Fluoranthene	19.017	202	95651	2.605	ng/ul	98
20) Pyrene	19.384	202	78329	2.061	ng/ul	98
21) Benzo(a)anthracene	21.144	228	39703	1.381	ng/ul	98
22) Chrysene	21.197	228	39364	0.947	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	43231m	1.089	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	25007m	0.517	ng/ul	
26) Benzo(a)pyrene	23.260	252	34127	0.994	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.562	276	28027	0.603	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.566	278	12608	0.350	ng/ul#	85
29) Benzo(g,h,i)perylene	26.240	276	24675	0.635	ng/ul	96

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

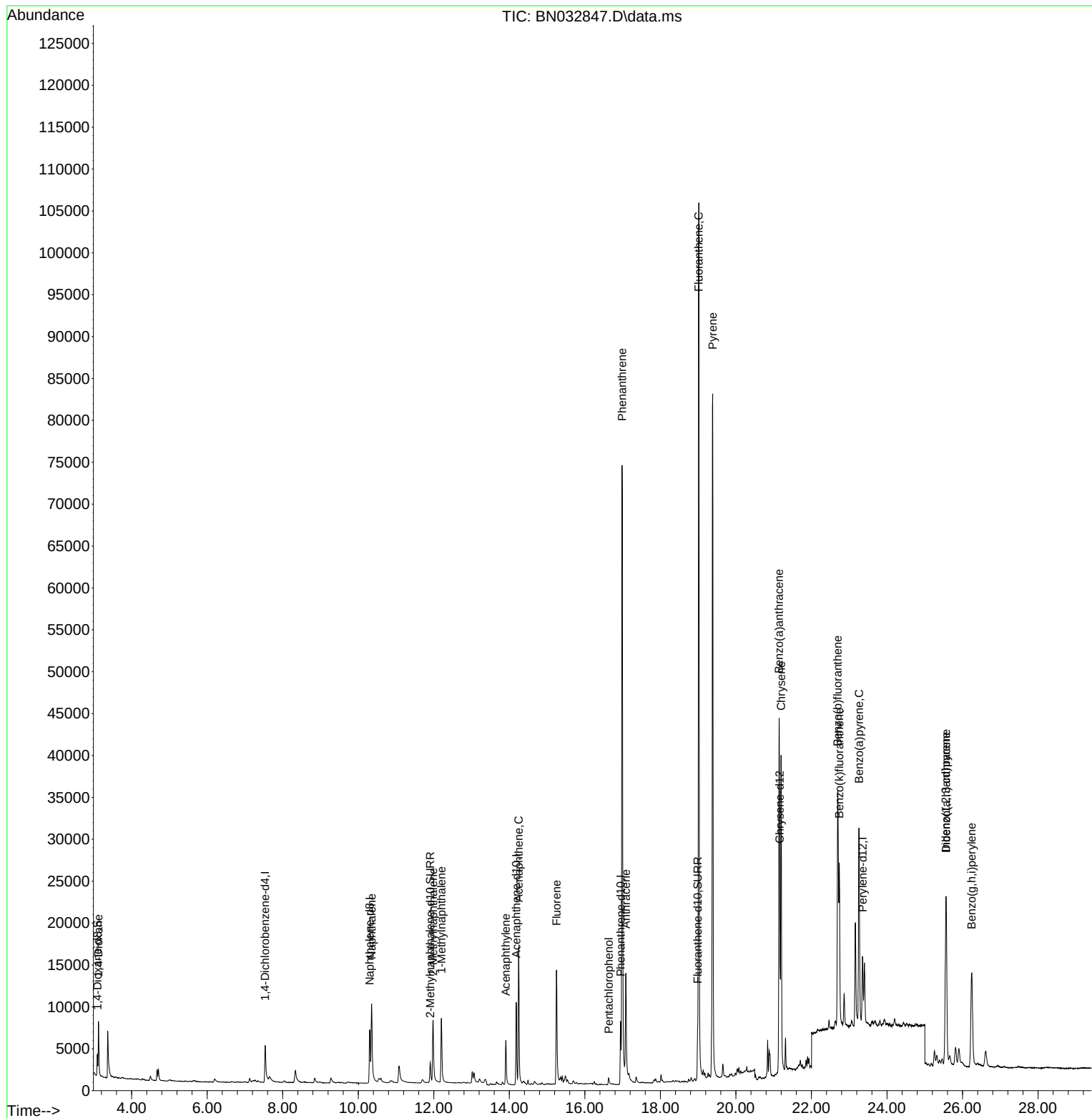
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032847.D
Acq On : 19 Jul 2024 18:49
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ALS Vial : 10 Sample Multiplier: 1

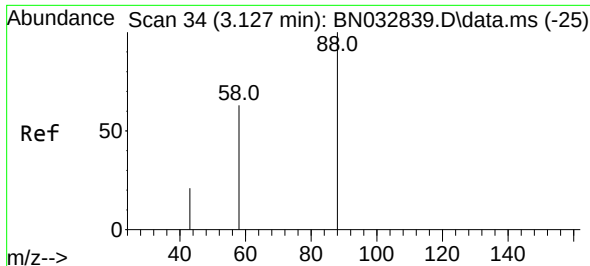
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD

Quant Time: Jul 19 23:19:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Manual Integrations
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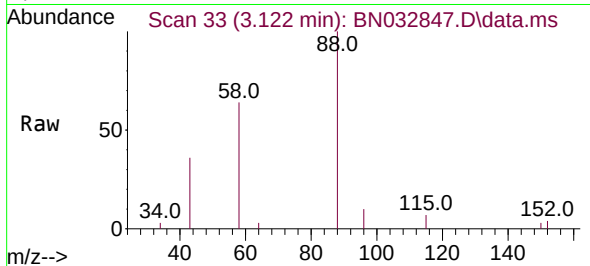
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024





#2
1,4-Dioxane
Concen: 0.939 ng/ul
RT: 3.122 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

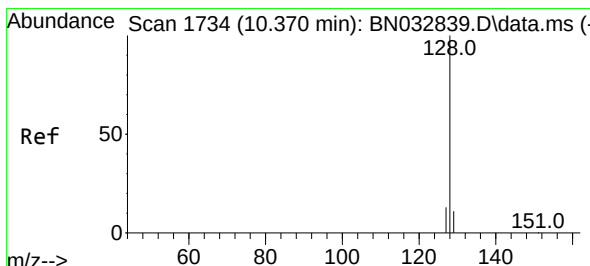
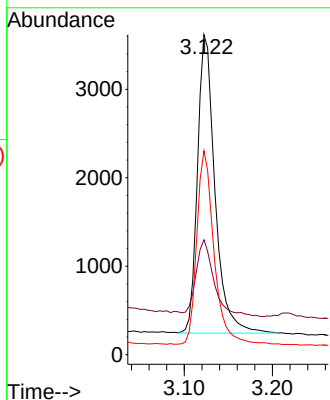
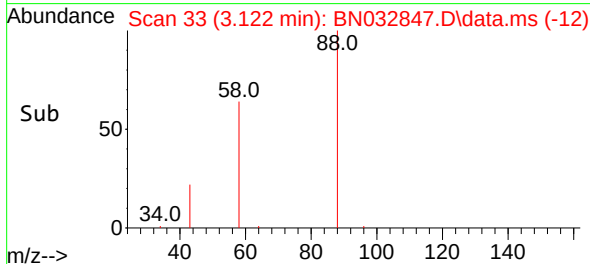
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



Tgt Ion: 88 Resp: 464
Ion Ratio Lower Upper
88 100
43 35.9 24.0 36.0
58 63.7 43.3 64.9

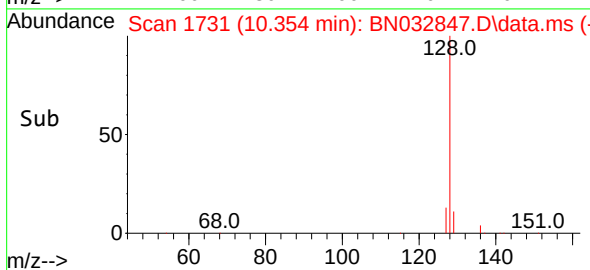
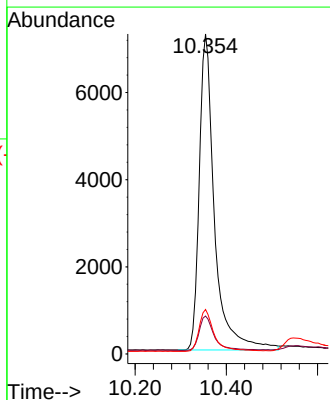
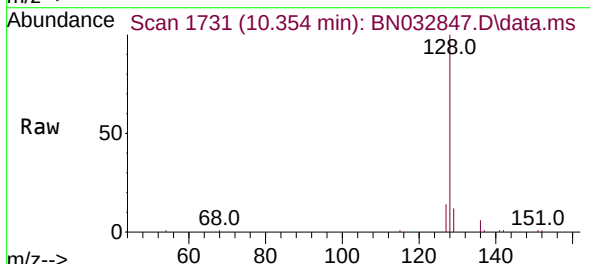
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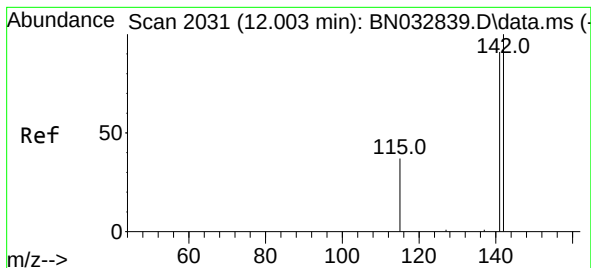
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#5
Naphthalene
Concen: 0.546 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.017 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

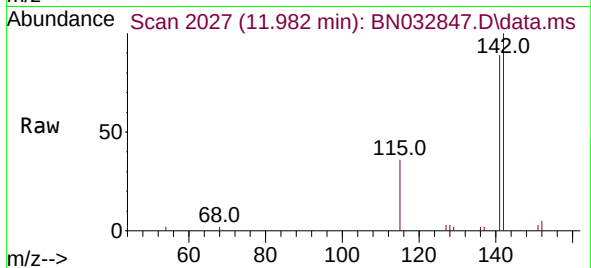
Tgt Ion:128 Resp: 16805
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.9 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 11.982 min Scan# 2031
Delta R.T. -0.022 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

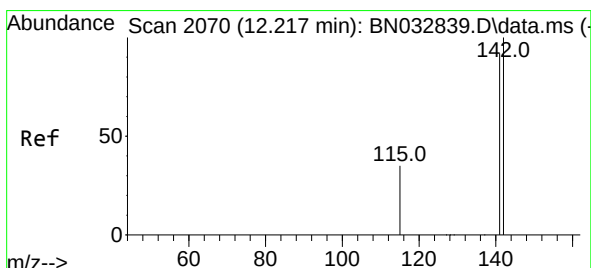
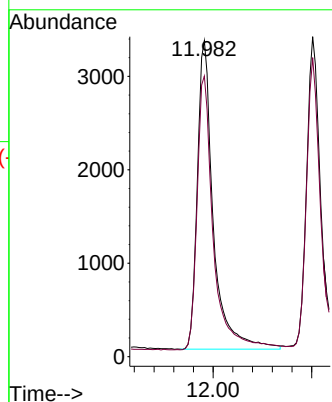
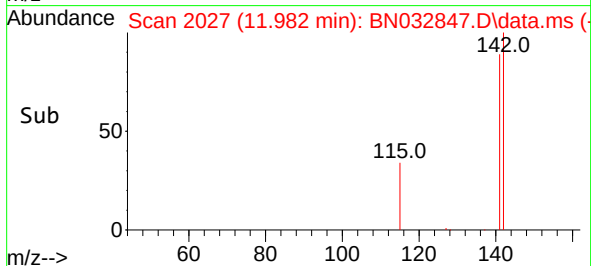
Instrument :
BNA_N
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A4BT2MSD



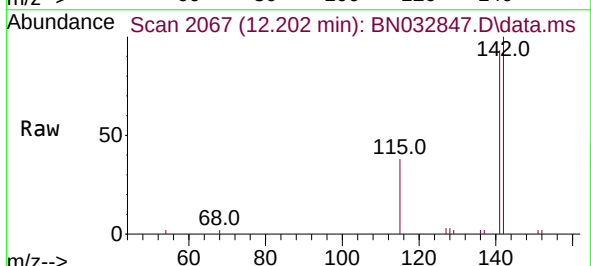
Tgt Ion:142 Resp: 7438
Ion Ratio Lower Upper
142 100
141 90.9 74.0 111.0

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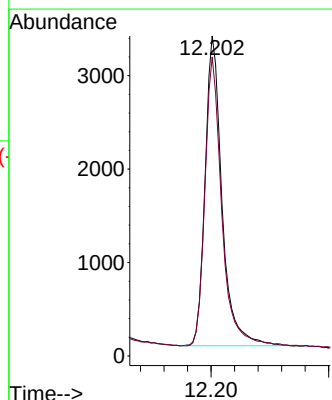
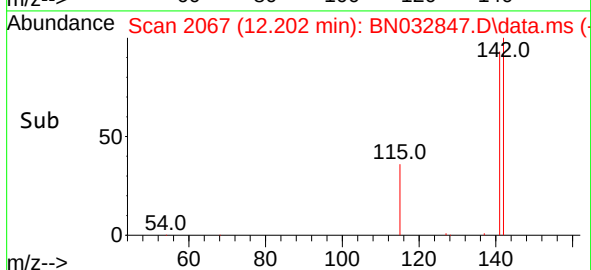
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

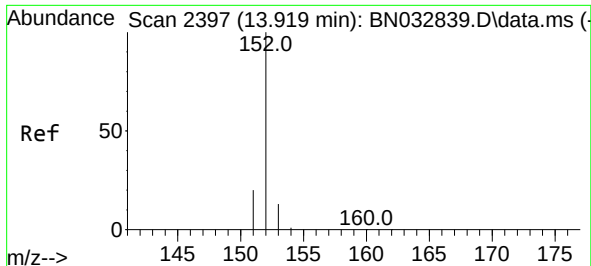


#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.017 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49



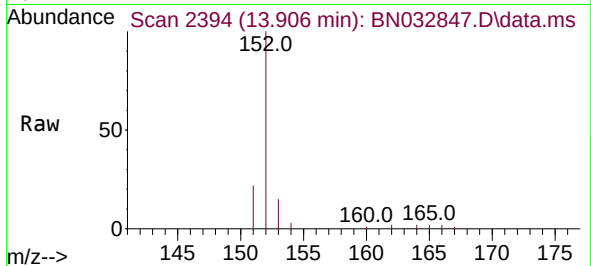
Tgt Ion:142 Resp: 6613
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4





#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 13.906 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

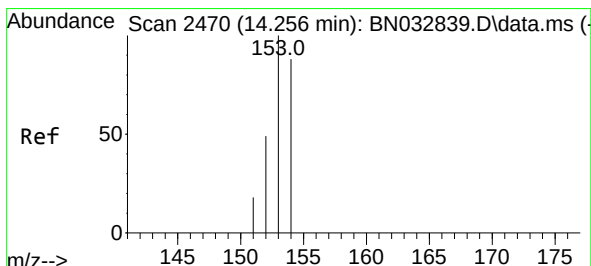
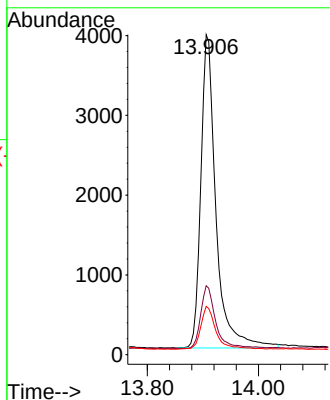
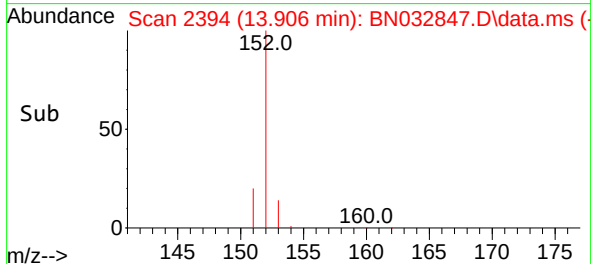
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



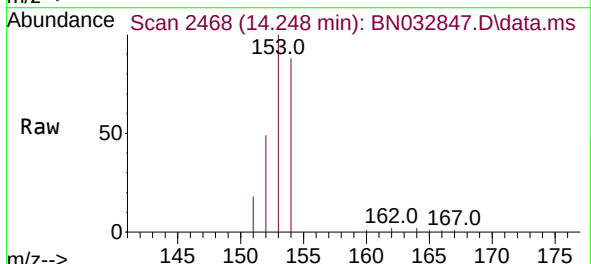
Tgt Ion:152 Resp: 7449
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.1 11.3 16.9

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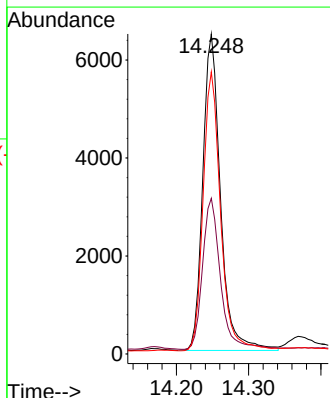
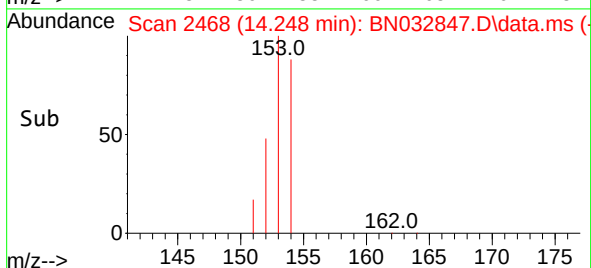
Reviewed By :Yogesh Patel 07/20/2024
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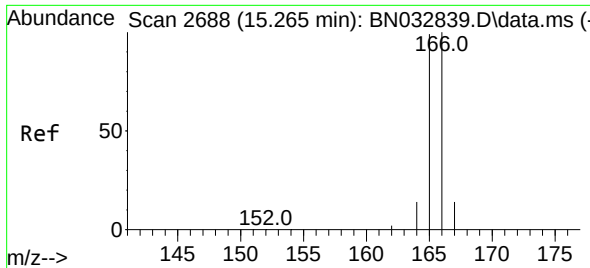


#11
Acenaphthene
Concen: 0.534 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49



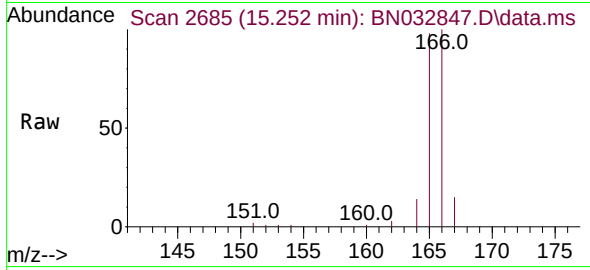
Tgt Ion:153 Resp: 10949
Ion Ratio Lower Upper
153 100
152 48.7 40.0 60.0
154 88.1 70.2 105.4





#12
Fluorene
Concen: 0.501 ng/ul
RT: 15.252 min Scan# 2092
Delta R.T. -0.014 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

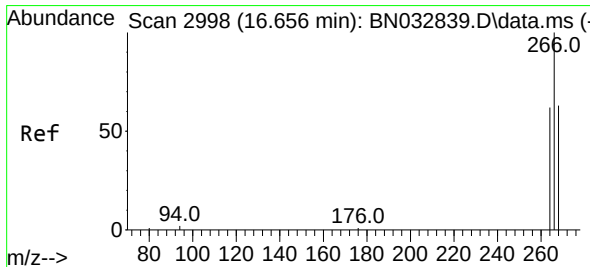
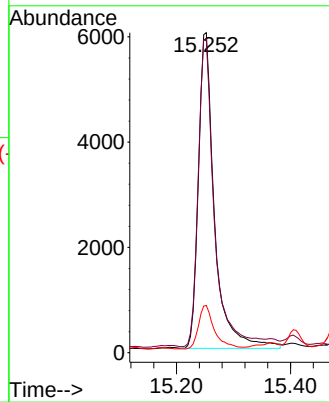
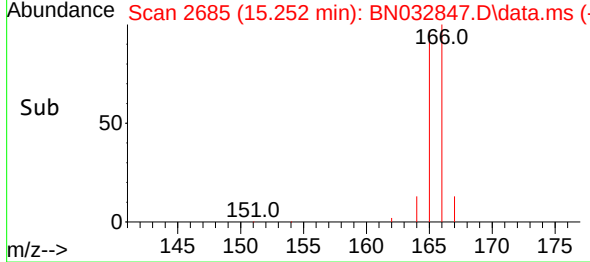
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



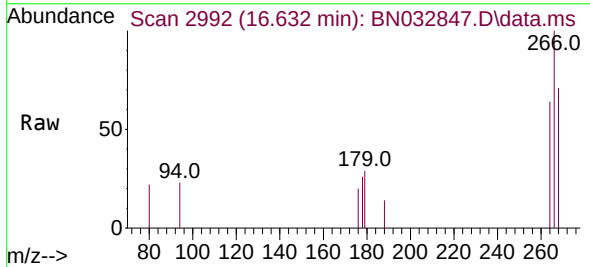
Tgt Ion:166 Resp: 1174
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 14.7 11.4 17.2

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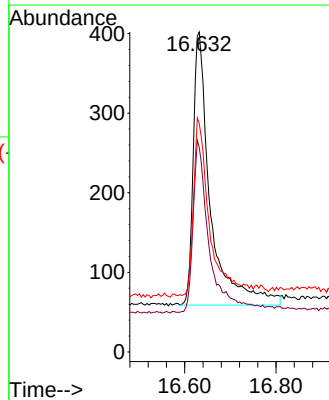
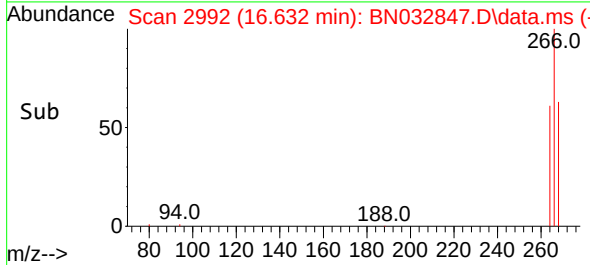
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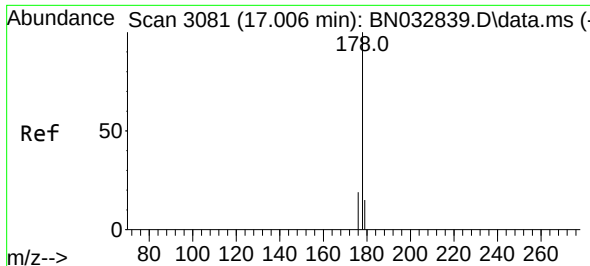


#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 16.632 min Scan# 2992
Delta R.T. -0.017 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49



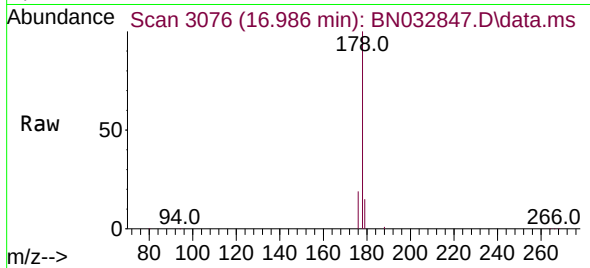
Tgt Ion:266 Resp: 903
Ion Ratio Lower Upper
266 100
264 60.0 49.4 74.2
268 62.3 51.6 77.4





#15
Phenanthrene
Concen: 3.250 ng/ul
RT: 16.986 min Scan# 3081
Delta R.T. -0.021 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

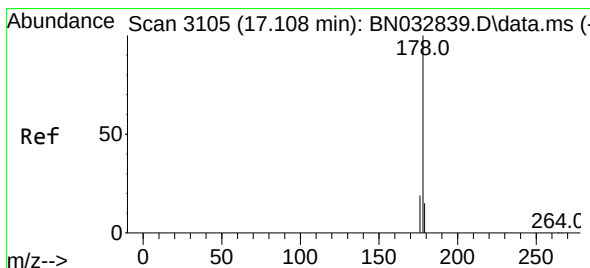
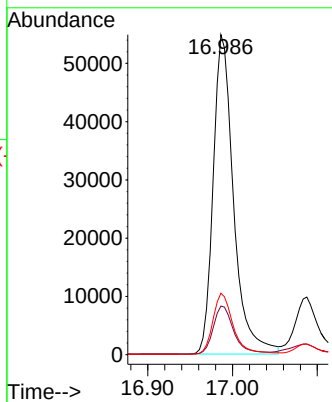
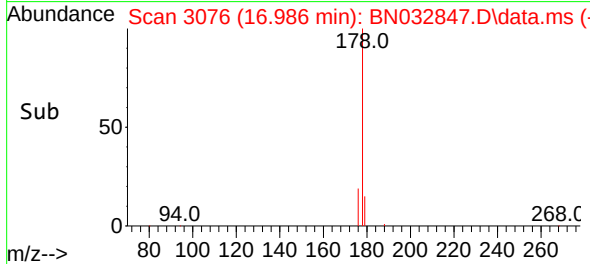
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



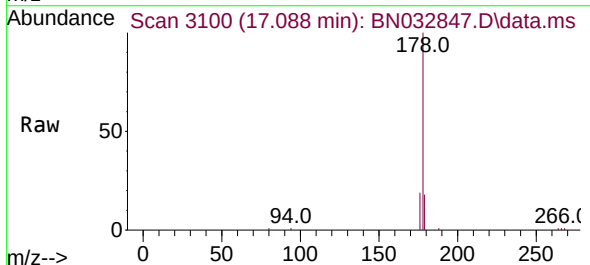
Tgt Ion:178 Resp: 9155
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.4
176 19.2 15.6 23.4

Manual Integrations
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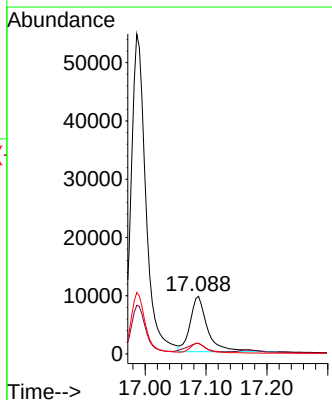
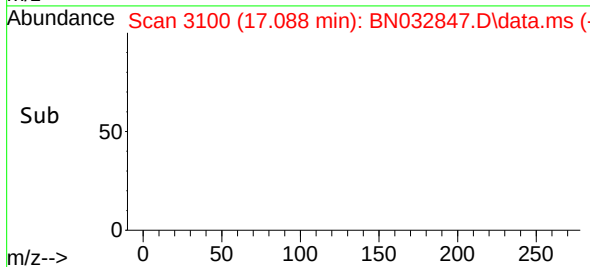
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

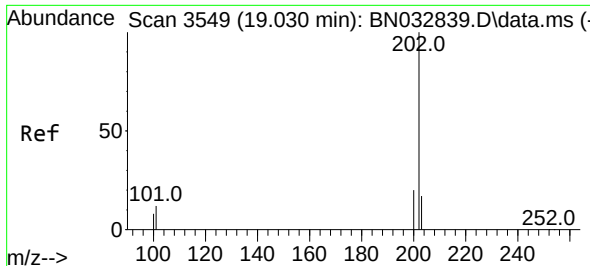


#16
Anthracene
Concen: 0.830 ng/ul
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49



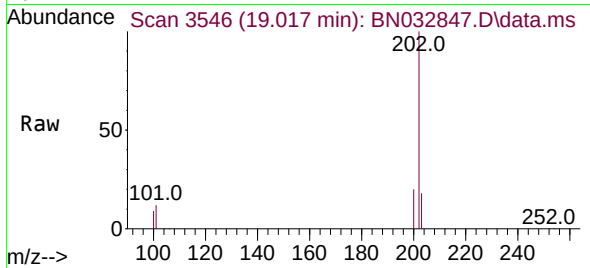
Tgt Ion:178 Resp: 19106
Ion Ratio Lower Upper
178 100
179 18.3 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 2.605 ng/u1
RT: 19.017 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

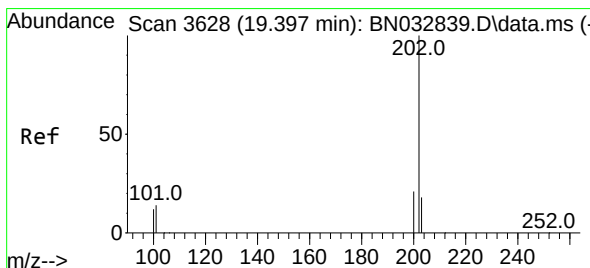
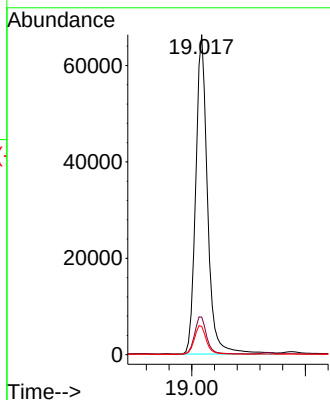
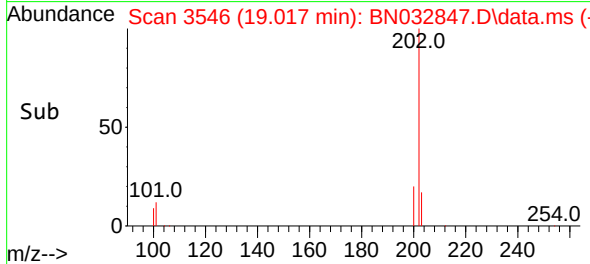
Instrument :
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Tgt Ion:202 Resp: 9565
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.8 7.9 11.9

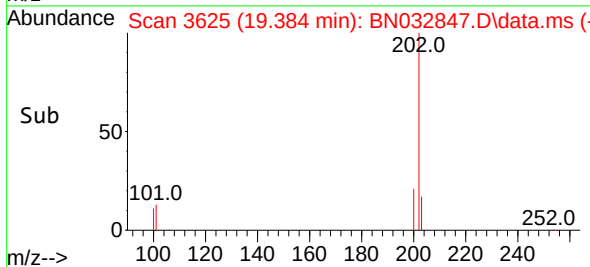
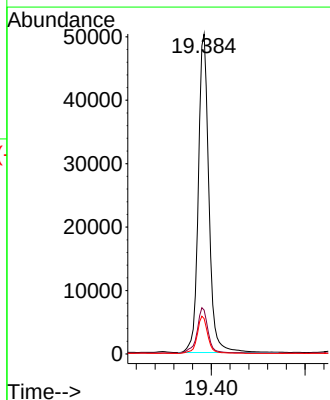
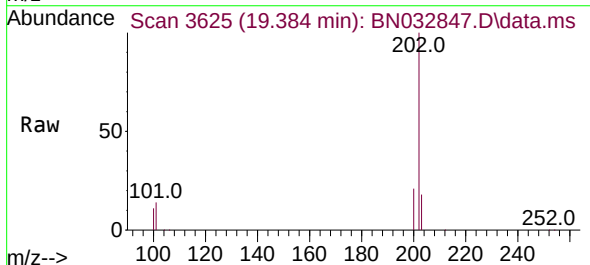
Manual Integrations
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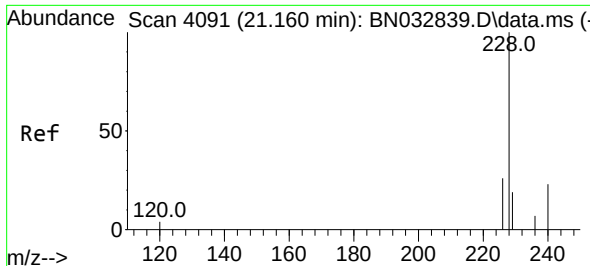
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 2.061 ng/u1
RT: 19.384 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

Tgt Ion:202 Resp: 78329
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 11.1 9.6 14.4





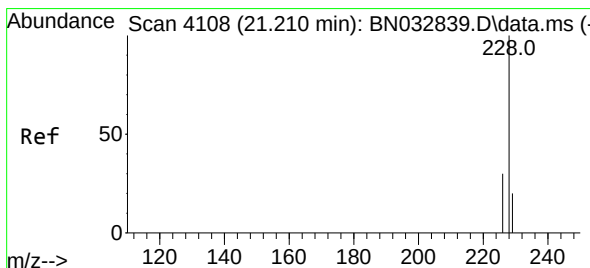
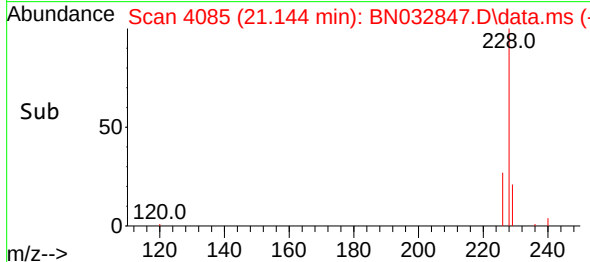
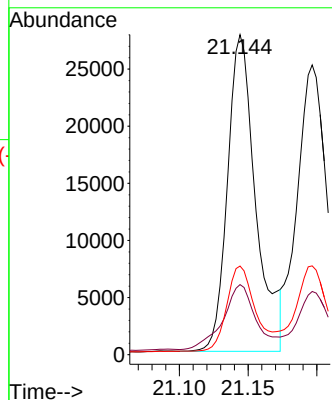
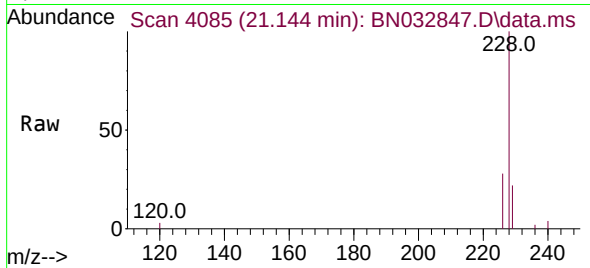
#21
Benzo(a)anthracene
Concen: 1.381 ng/ul
RT: 21.144 min Scan# 4091
Delta R.T. -0.015 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

Instrument :
BNA_N
ClientSampleId :
A4BT2MSD

Tgt Ion:228 Resp: 39700
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 27.7 21.9 32.9

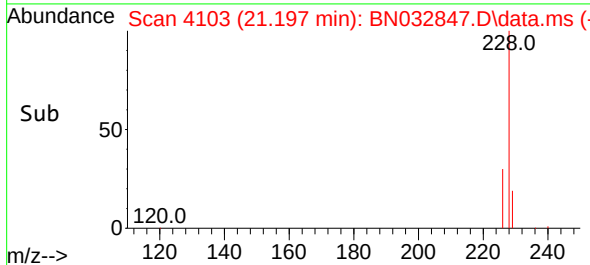
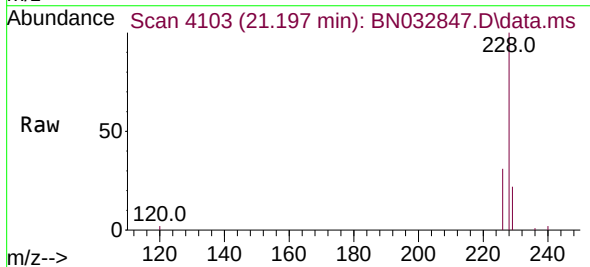
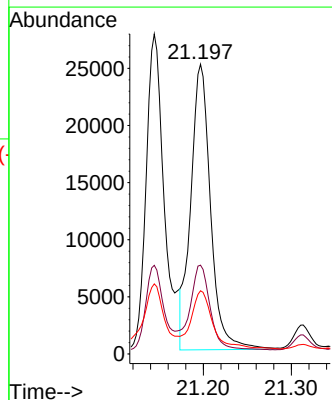
Manual Integrations
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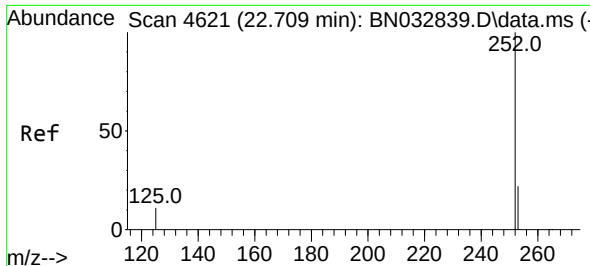
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 0.947 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

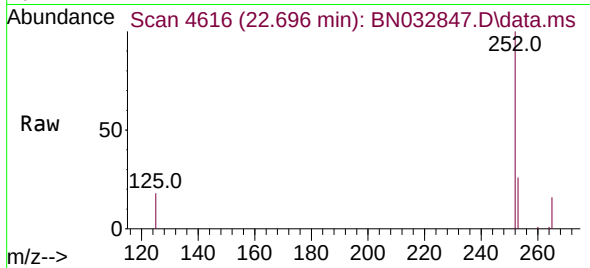
Tgt Ion:228 Resp: 39364
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.089 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

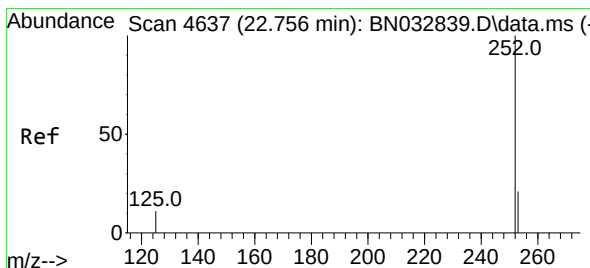
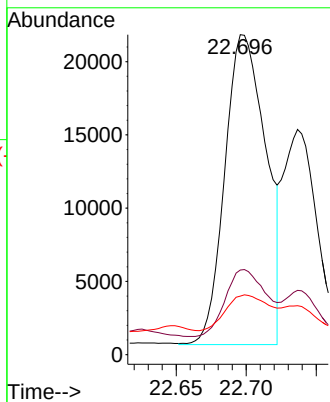
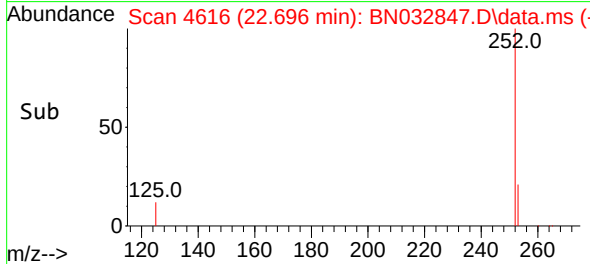
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



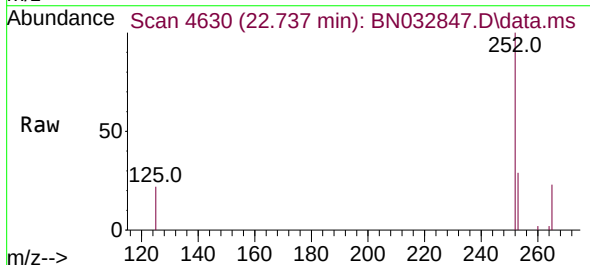
Tgt Ion:252 Resp: 4323
Ion Ratio Lower Upper
252 100
253 26.5 0.0 54.0
125 18.3 0.0 36.0

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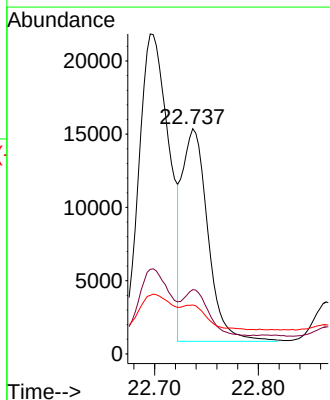
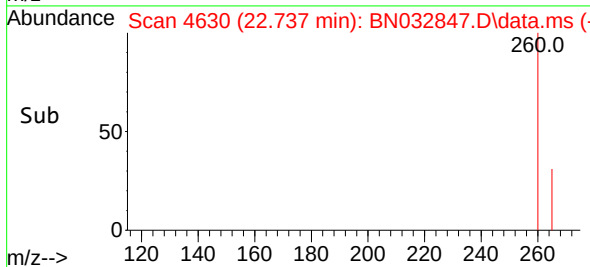
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

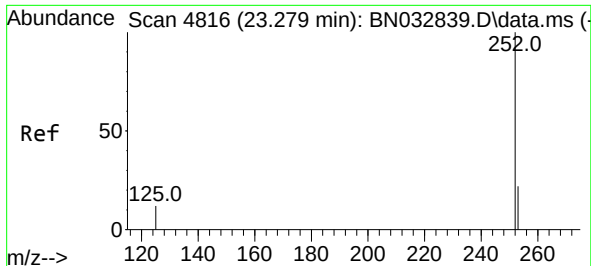


#25
Benzo(k)fluoranthene
Concen: 0.517 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.018 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49



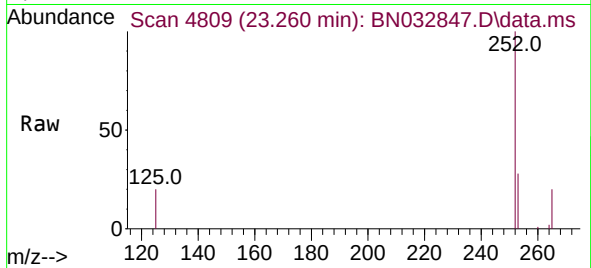
Tgt Ion:252 Resp: 25007
Ion Ratio Lower Upper
252 100
253 28.5 21.2 31.8
125 21.7 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.994 ng/ul
RT: 23.260 min Scan# 4809
Delta R.T. -0.018 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

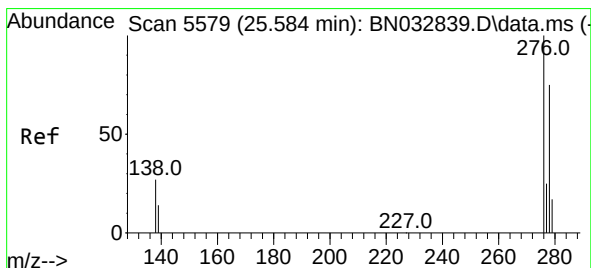
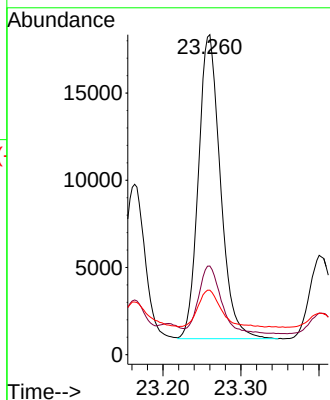
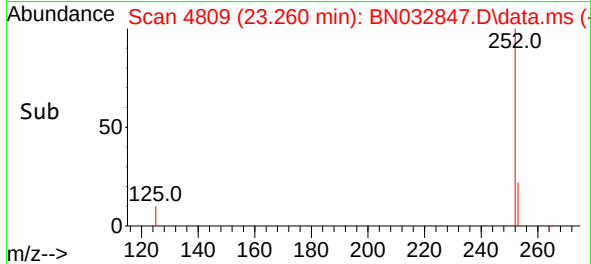
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



Tgt Ion:252 Resp: 3412
Ion Ratio Lower Upper
252 100
253 27.7 25.4 38.0
125 20.2 20.6 30.8

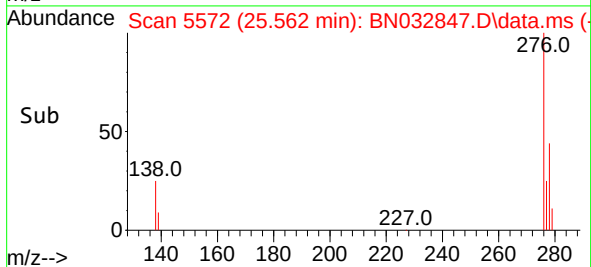
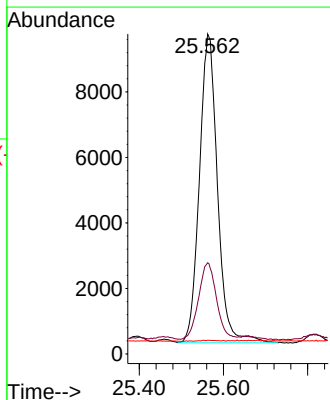
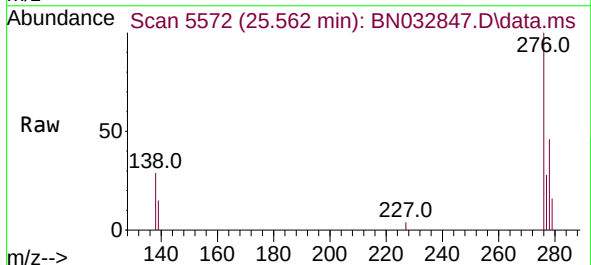
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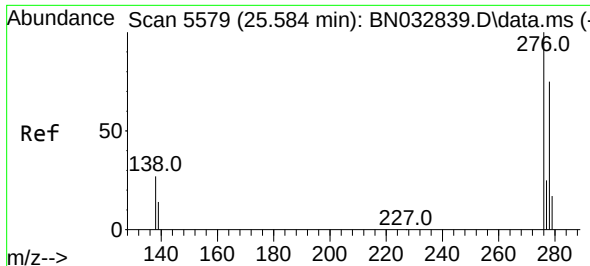
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.603 ng/ul
RT: 25.562 min Scan# 5572
Delta R.T. -0.020 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

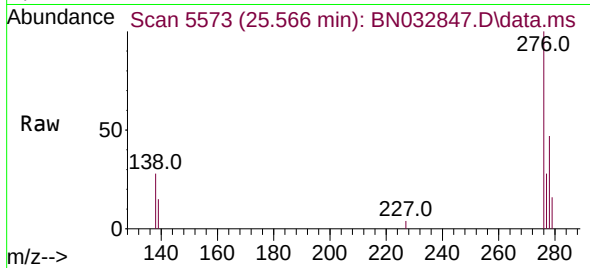
Tgt Ion:276 Resp: 28027
Ion Ratio Lower Upper
276 100
138 24.8 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.566 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49

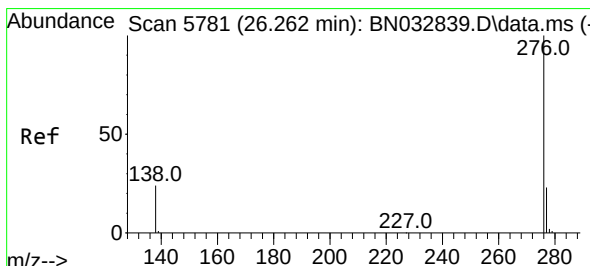
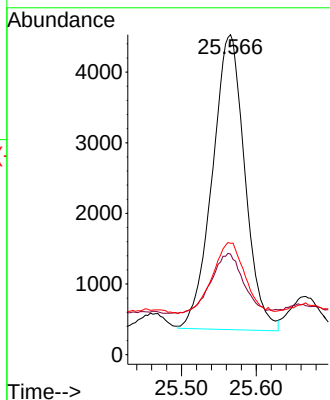
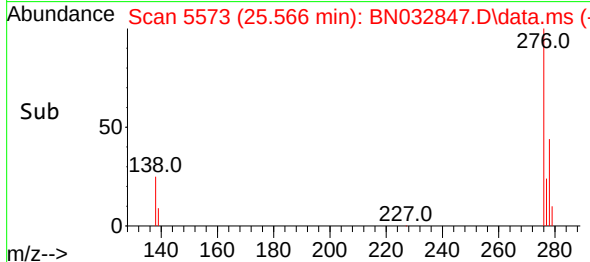
Instrument :
BNA_N
ClientSampleId :
A4BT2MSD



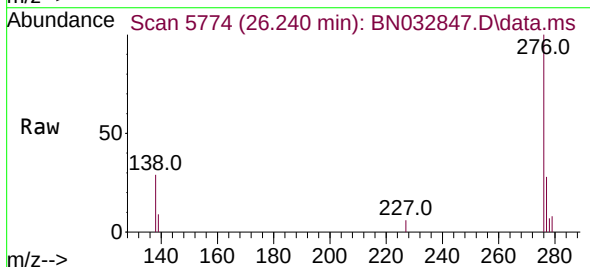
Tgt Ion:278 Resp: 12608
Ion Ratio Lower Upper
278 100
139 31.4 16.6 24.8
279 34.8 23.7 35.5

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.635 ng/ul
RT: 26.240 min Scan# 5774
Delta R.T. -0.020 min
Lab File: BN032847.D
Acq: 19 Jul 2024 18:49



Tgt Ion:276 Resp: 24675
Ion Ratio Lower Upper
276 100
138 28.5 21.0 31.4
277 27.9 20.6 31.0

