

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032942.D
 Acq On : 24 Jul 2024 11:10
 Operator : MA/JU
 Sample : P3215-23DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 12:32:45 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	5775	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.293	136	19313	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.173	164	10953	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	17860	0.400	ng/ul	-0.02
17) Chrysene-d12	21.158	240	13731	0.400	ng/ul	# 0.00
23) Perylene-d12	23.355	264	16579	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3811	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	1296	0.044	ng/ul	-0.03
18) Fluoranthene-d10	18.979	212	1986	0.044	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	5521	0.106	ng/ul	97
7) 2-Methylnaphthalene	11.975	142	2575	0.080	ng/ul	97
8) 1-Methylnaphthalene	12.195	142	1775	0.053	ng/ul	99
10) Acenaphthylene	13.895	152	9237	0.209	ng/ul	97
11) Acenaphthene	14.238	153	4791	0.131	ng/ul	100
12) Fluorene	15.237	166	4834	0.116	ng/ul#	98
14) Pentachlorophenol	16.622	266	115	0.037	ng/ul#	83
15) Phenanthrene	16.981	178	88047	1.810	ng/ul	99
16) Anthracene	17.074	178	19985	0.503	ng/ul	99
19) Fluoranthene	19.011	202	144221	2.583	ng/ul	99
20) Pyrene	19.379	202	111562	1.931	ng/ul	99
21) Benzo(a)anthracene	21.140	228	67792	1.551	ng/ul	98
22) Chrysene	21.195	228	77215	1.221	ng/ul	97
24) Benzo(b)fluoranthene	22.697	252	105731m	1.807	ng/ul	
25) Benzo(k)fluoranthene	22.735	252	35295m	0.495	ng/ul	
26) Benzo(a)pyrene	23.259	252	39822	0.787	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.564	276	40830	0.596	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.558	278	13263	0.250	ng/ul#	54
29) Benzo(g,h,i)perylene	26.245	276	6116	0.107	ng/ul#	27

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

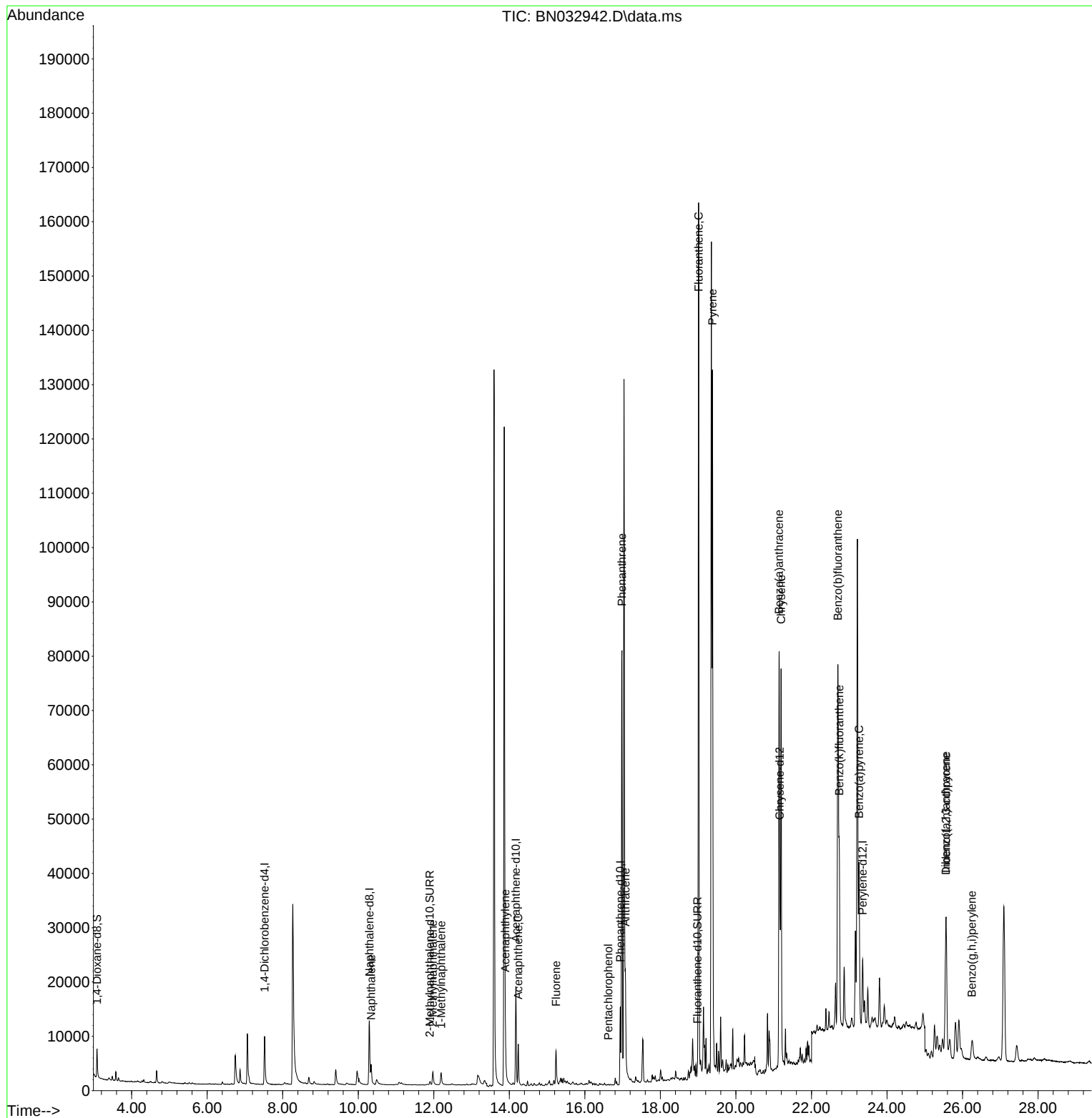
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032942.D
Acq On : 24 Jul 2024 11:10
Operator : MA/JU
Sample : P3215-23DL 5X
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ALS Vial : 53 Sample Multiplier: 1

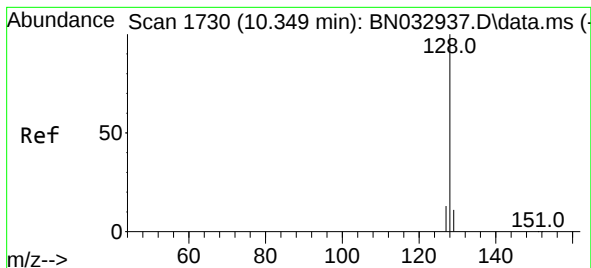
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL

Manual Integrations
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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 12:32:45 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.106 ng/ul

RT: 10.342 min Scan# 1729

Delta R.T. -0.022 min

Lab File: BN032942.D

Acq: 24 Jul 2024 11:10

Instrument :

BNA_N

ClientSampleId :

A4CJ8DL

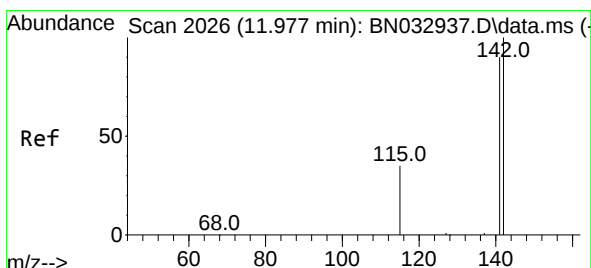
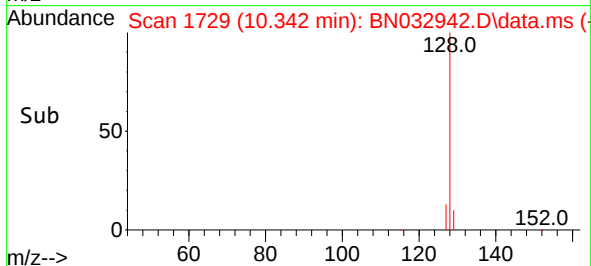
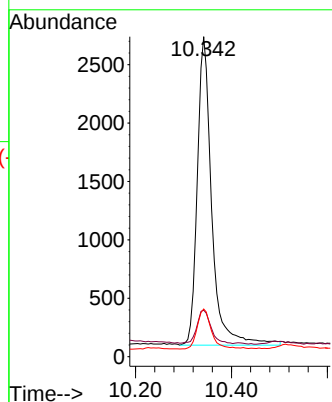
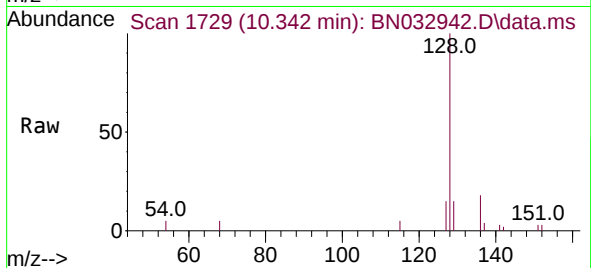
Tgt Ion:	128	Resp:	552
Ion Ratio	Lower	Upper	
128	100		
129	14.6	10.0	15.0
127	14.9	11.6	17.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#7

2-Methylnaphthalene

Concen: 0.080 ng/ul

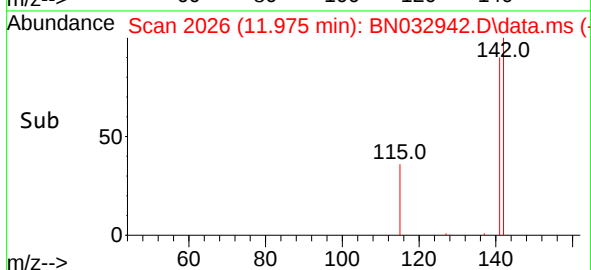
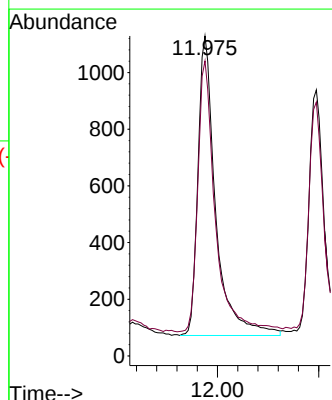
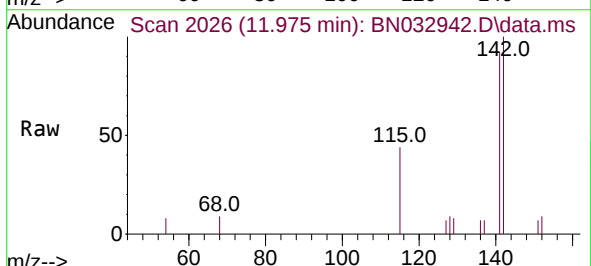
RT: 11.975 min Scan# 2026

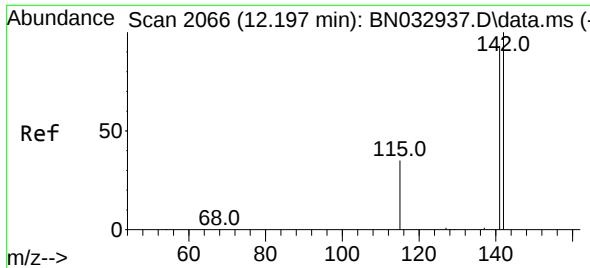
Delta R.T. -0.022 min

Lab File: BN032942.D

Acq: 24 Jul 2024 11:10

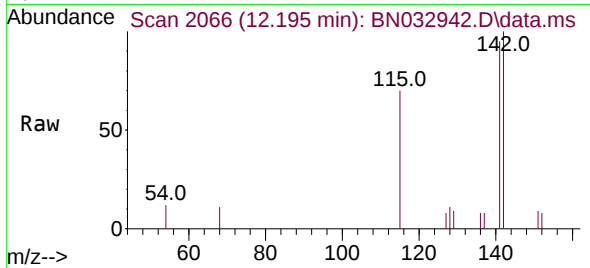
Tgt Ion:	142	Resp:	2575
Ion Ratio	Lower	Upper	
142	100		
141	89.4	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.053 ng/u1
RT: 12.195 min Scan# 2066
Delta R.T. -0.016 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

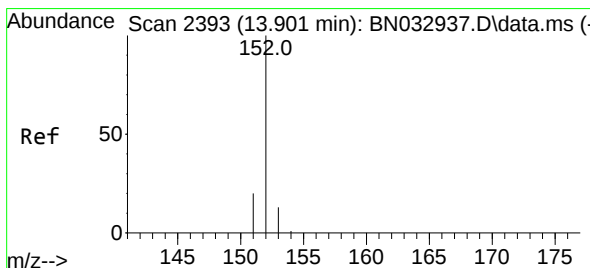
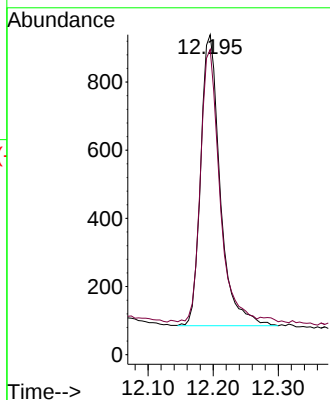
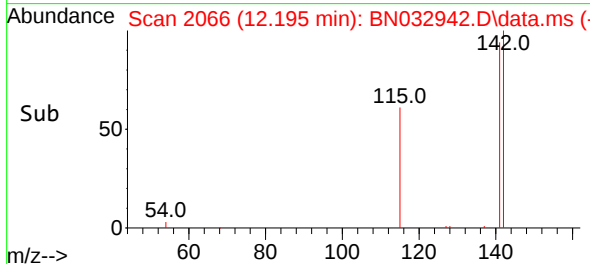
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:142 Resp: 1775
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4

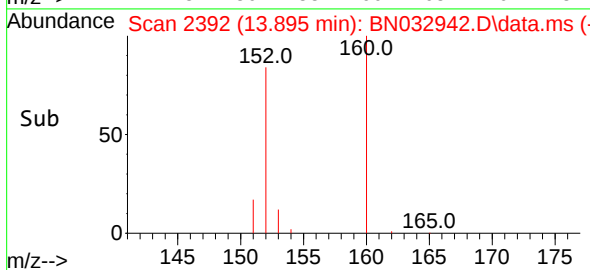
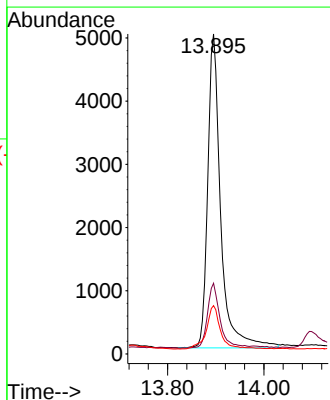
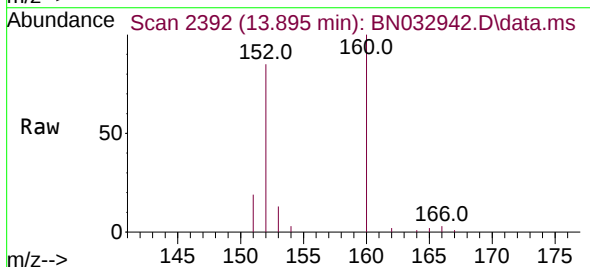
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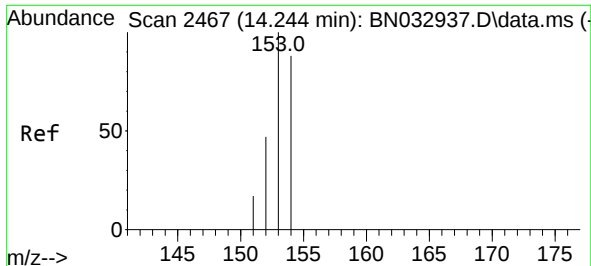
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.209 ng/u1
RT: 13.895 min Scan# 2392
Delta R.T. -0.018 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

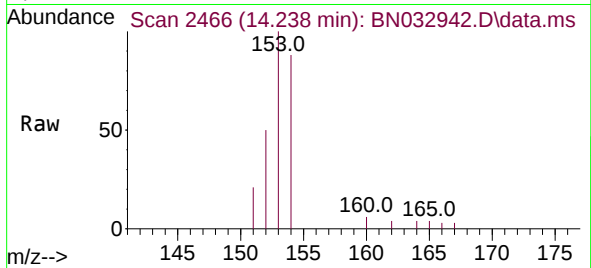
Tgt Ion:152 Resp: 9237
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 15.1 11.3 16.9





#11
Acenaphthene
Concen: 0.131 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

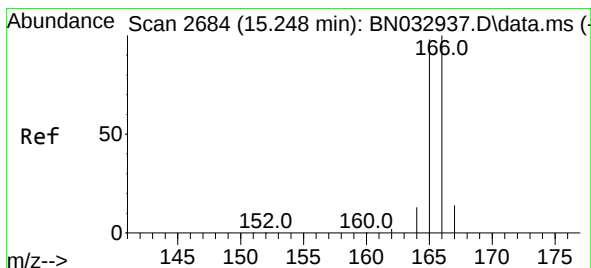
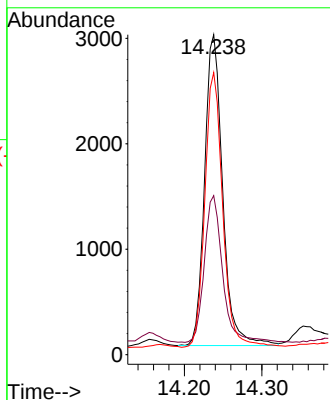
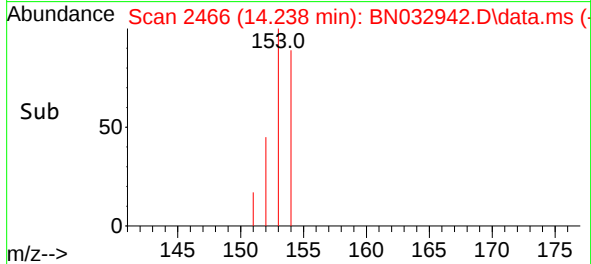
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:153 Resp: 479
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 88.1 70.2 105.4

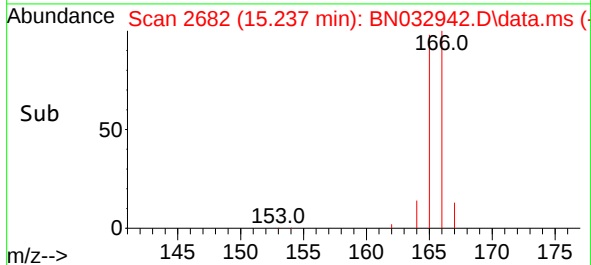
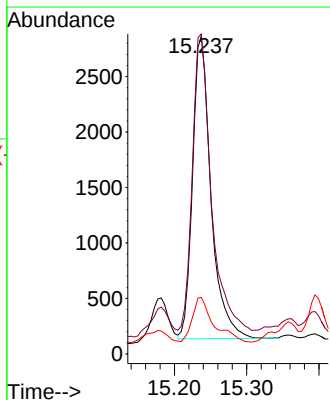
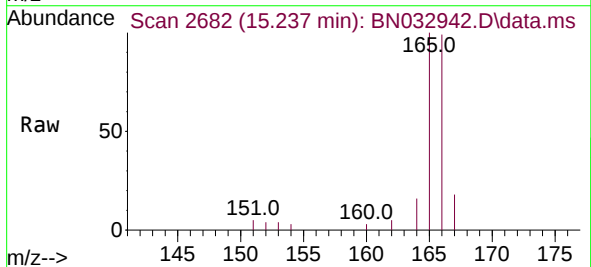
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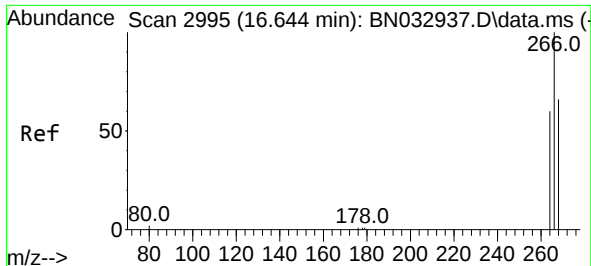
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.116 ng/ul
RT: 15.237 min Scan# 2682
Delta R.T. -0.023 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

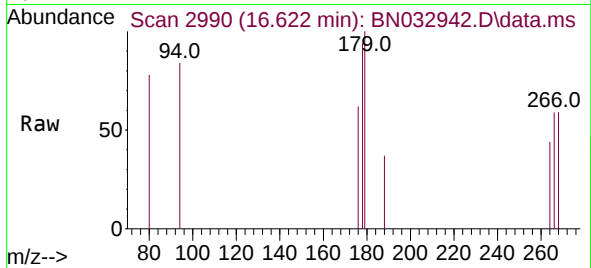
Tgt Ion:166 Resp: 4834
Ion Ratio Lower Upper
166 100
165 100.7 79.7 119.5
167 17.7 11.4 17.2#





#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 16.622 min Scan# 2990
 Delta R.T. -0.021 min
 Lab File: BN032942.D
 Acq: 24 Jul 2024 11:10

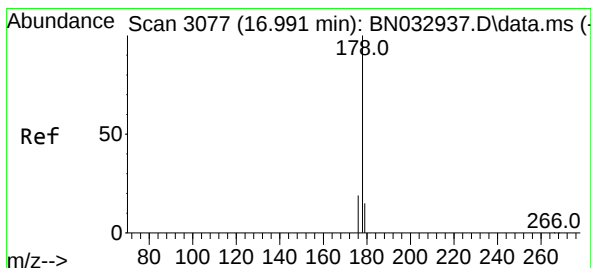
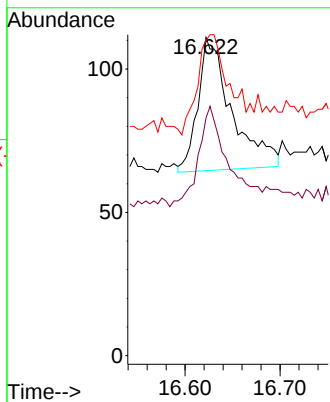
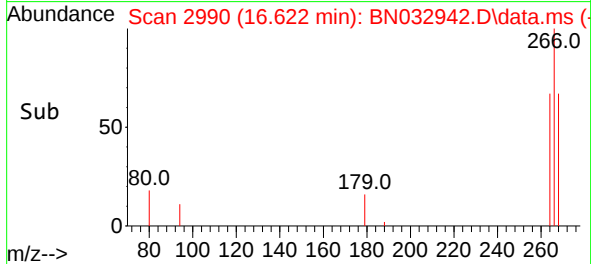
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8DL



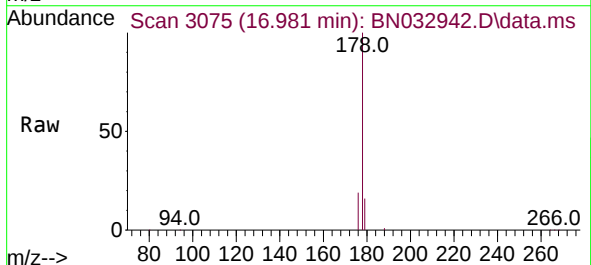
Tgt Ion:266 Resp: 115
 Ion Ratio Lower Upper
 266 100
 264 78.3 49.4 74.2
 268 73.9 51.6 77.4

Manual Integrations
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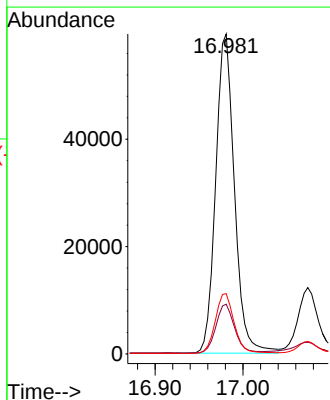
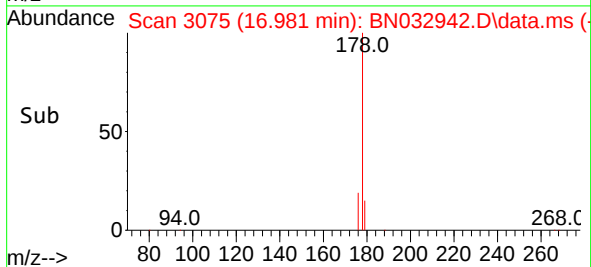
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

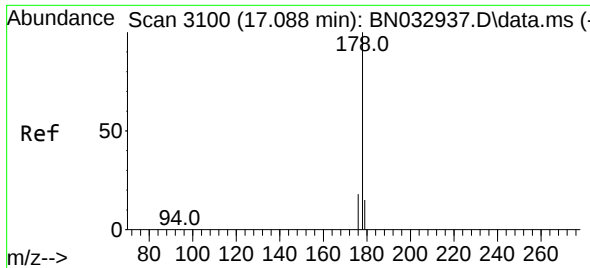


#15
 Phenanthrene
 Concen: 1.810 ng/ul
 RT: 16.981 min Scan# 3075
 Delta R.T. -0.021 min
 Lab File: BN032942.D
 Acq: 24 Jul 2024 11:10



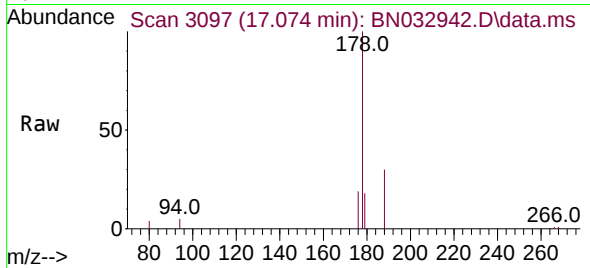
Tgt Ion:178 Resp: 88047
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.4
 176 18.8 15.6 23.4





#16
Anthracene
Concen: 0.503 ng/ul
RT: 17.074 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

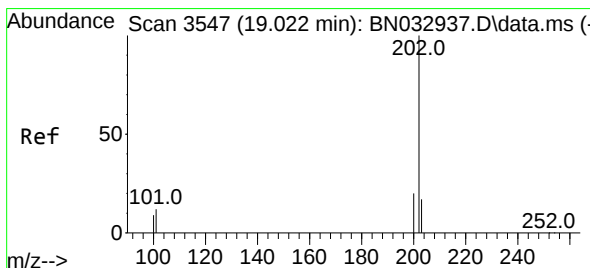
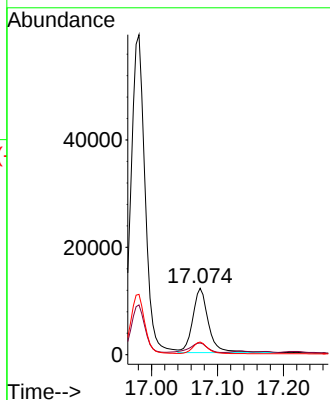
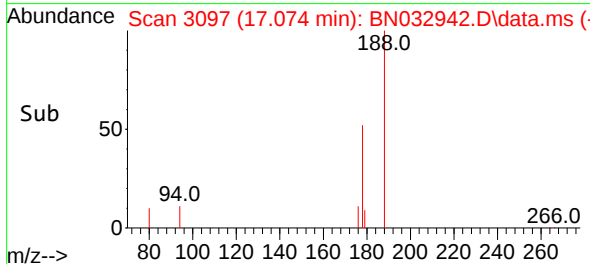
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:178 Resp: 19985
Ion Ratio Lower Upper
178 100
179 17.7 13.4 20.2
176 18.9 15.4 23.0

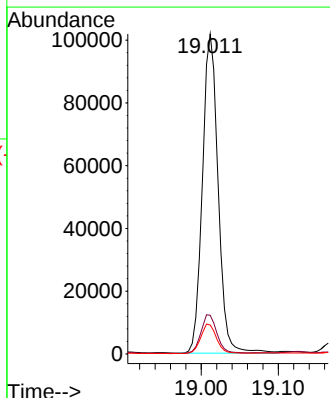
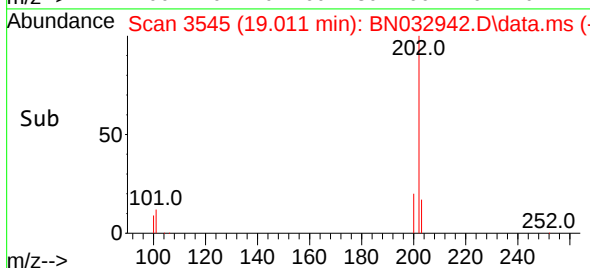
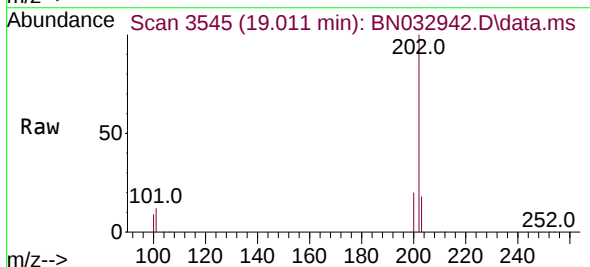
Manual Integrations
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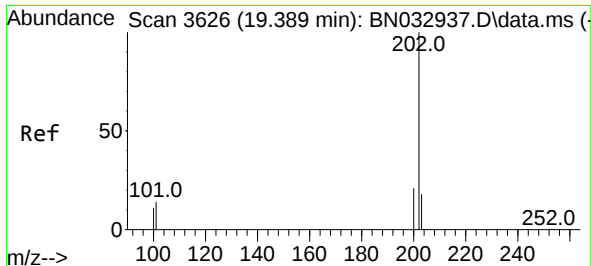
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#19
Fluoranthene
Concen: 2.583 ng/ul
RT: 19.011 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

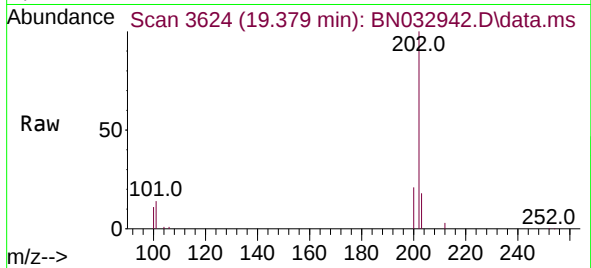
Tgt Ion:202 Resp: 144221
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.0 7.9 11.9





#20
Pyrene
Concen: 1.931 ng/ul
RT: 19.379 min Scan# 3624
Delta R.T. -0.014 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

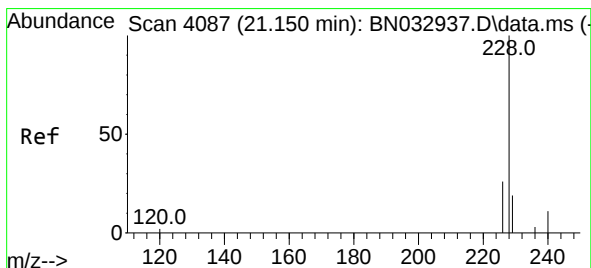
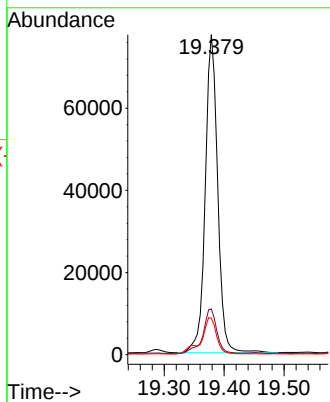
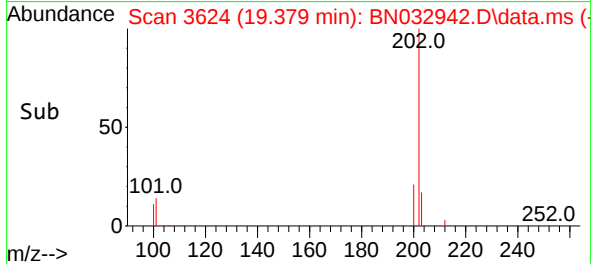
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:202 Resp: 111562
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.4 9.6 14.4

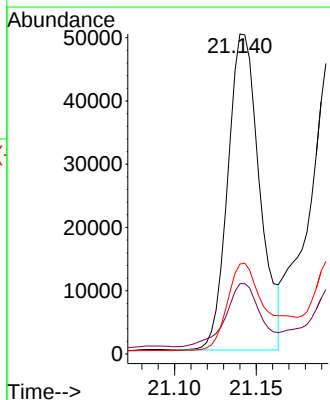
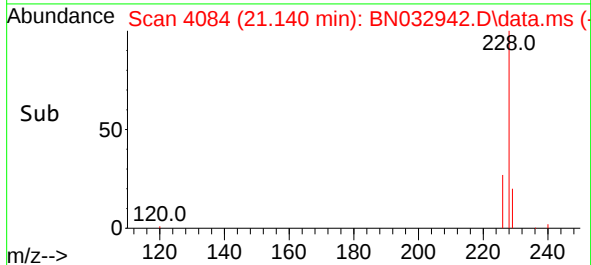
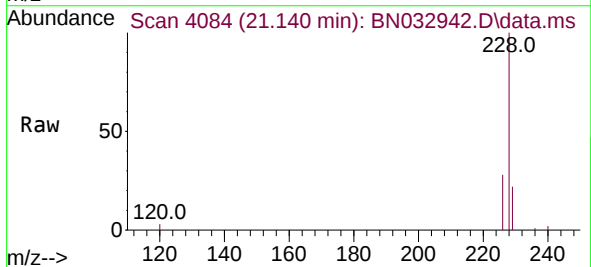
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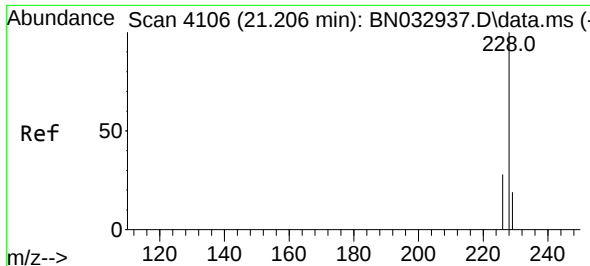
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 1.551 ng/ul
RT: 21.140 min Scan# 4084
Delta R.T. -0.010 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

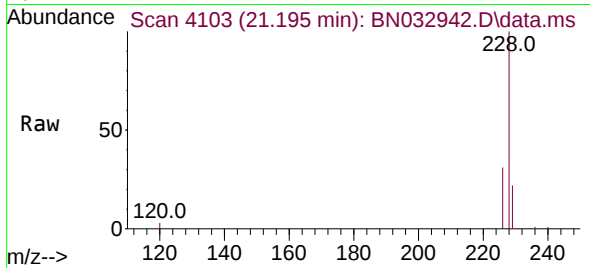
Tgt Ion:228 Resp: 67792
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 28.1 21.9 32.9





#22
Chrysene
Concen: 1.221 ng/ul
RT: 21.195 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

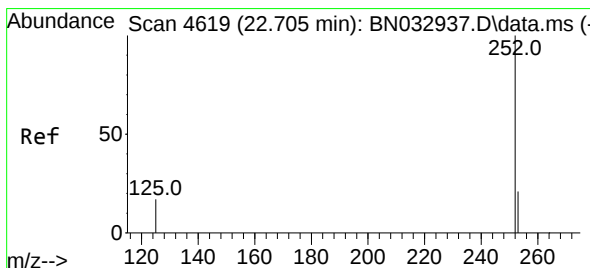
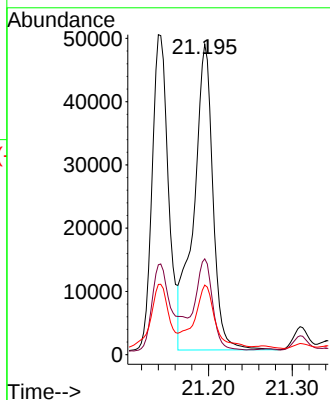
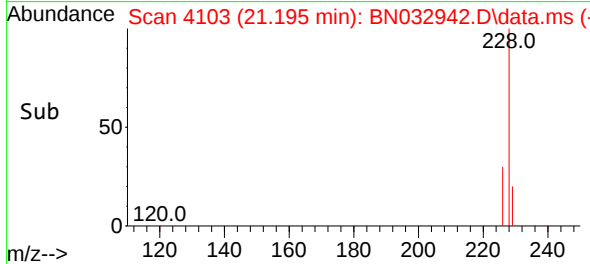
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:228 Resp: 77215
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 22.4 15.8 23.6

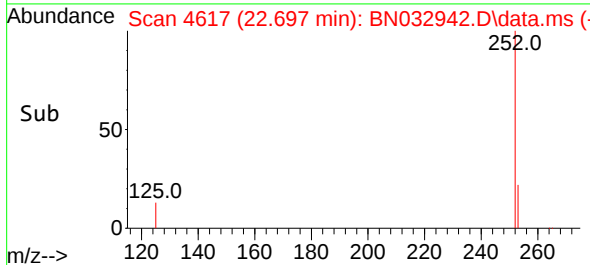
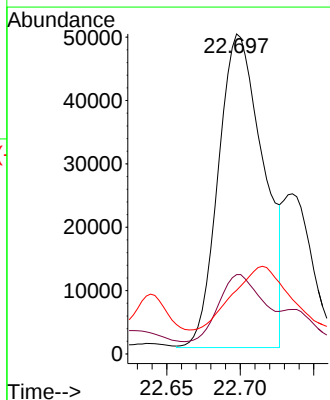
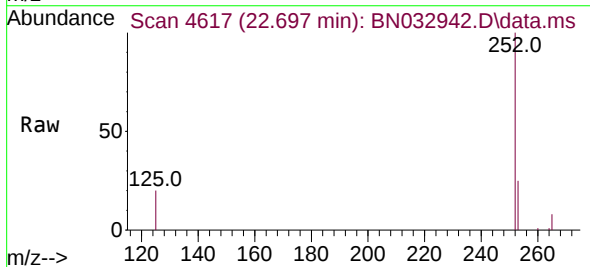
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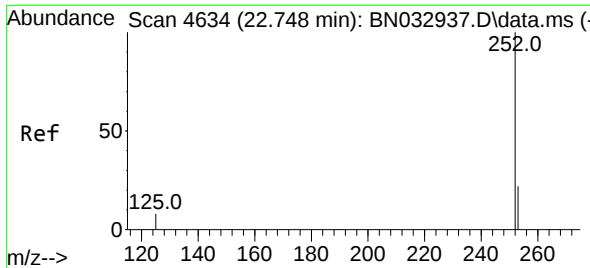
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 1.807 ng/ul m
RT: 22.697 min Scan# 4617
Delta R.T. -0.002 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

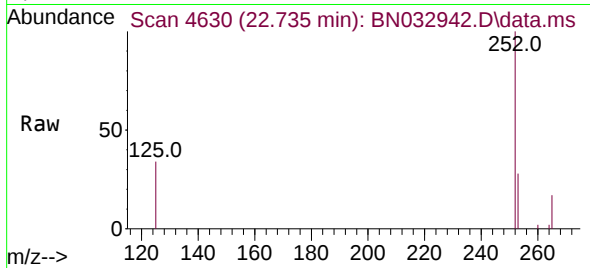
Tgt Ion:252 Resp: 105731
Ion Ratio Lower Upper
252 100
253 24.8 0.0 54.0
125 19.9 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.495 ng/ul m
RT: 22.735 min Scan# 4630
Delta R.T. -0.004 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

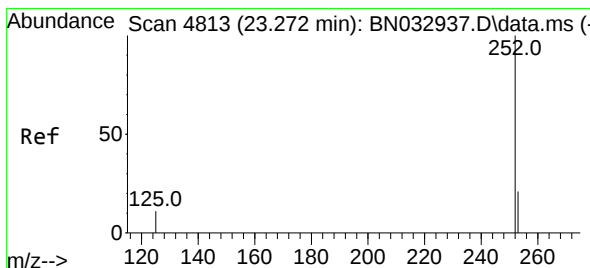
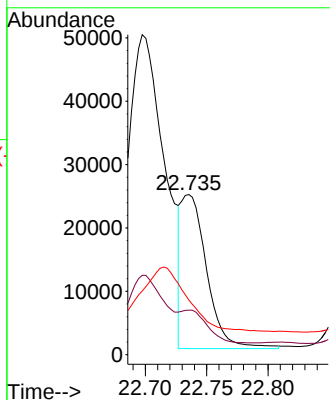
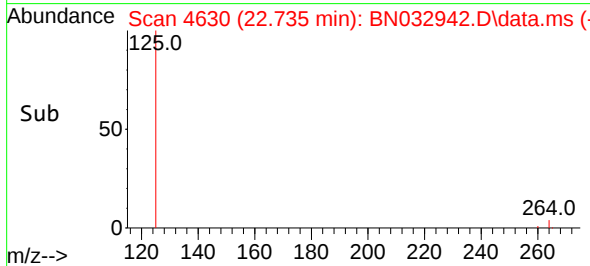
Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:252 Resp: 35295
Ion Ratio Lower Upper
252 100
253 27.8 21.2 31.8
125 34.1 14.8 22.2

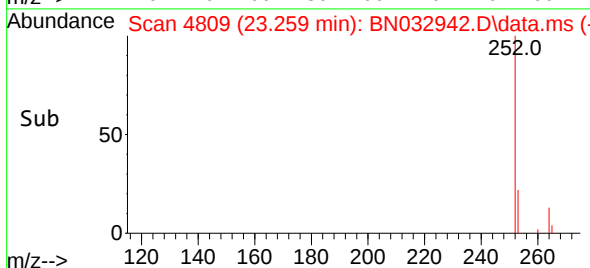
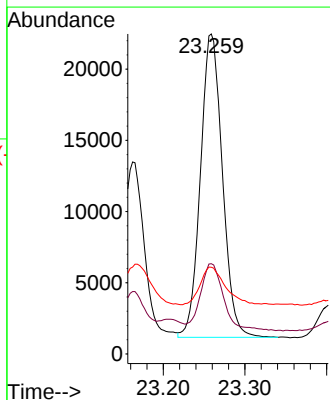
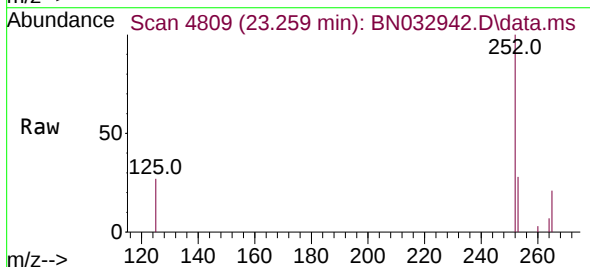
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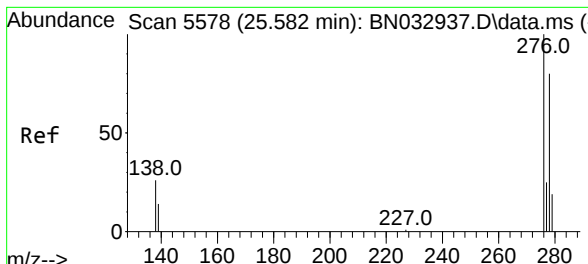
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.787 ng/ul
RT: 23.259 min Scan# 4809
Delta R.T. -0.004 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

Tgt Ion:252 Resp: 39822
Ion Ratio Lower Upper
252 100
253 28.2 25.4 38.0
125 27.1 20.6 30.8





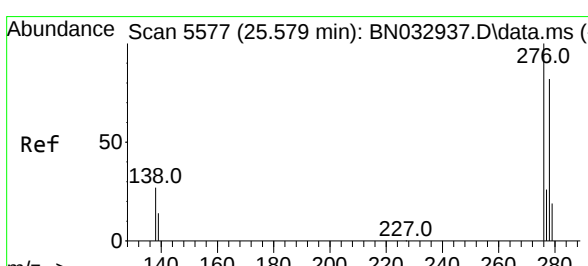
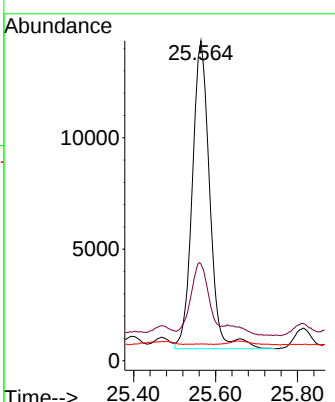
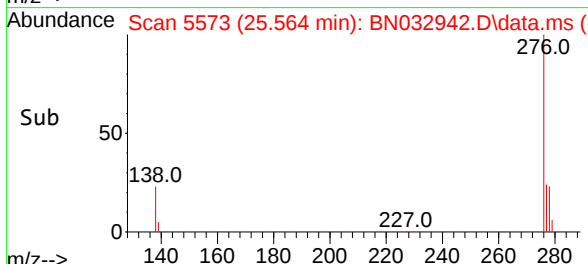
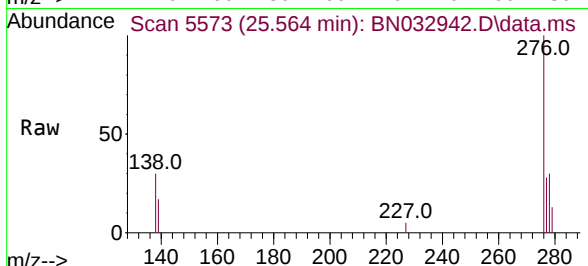
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.596 ng/ul
 RT: 25.564 min Scan# 5573
 Delta R.T. -0.005 min
 Lab File: BN032942.D
 Acq: 24 Jul 2024 11:10

Instrument : BNA_N
 ClientSampleId : A4CJ8DL

Tgt Ion: 276 Resp: 40830

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.6	32.4
227	0.1	0.0	0.0

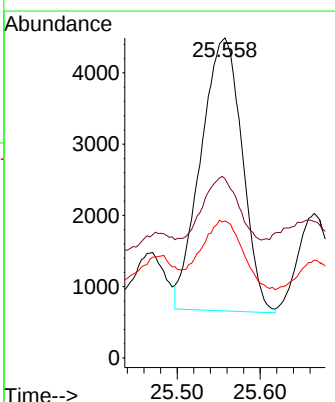
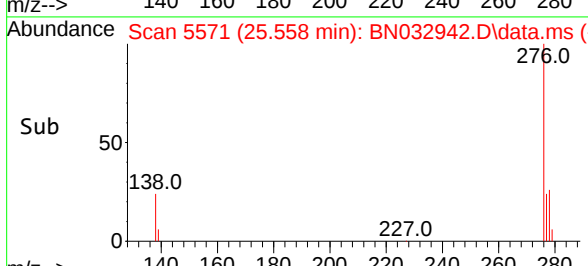
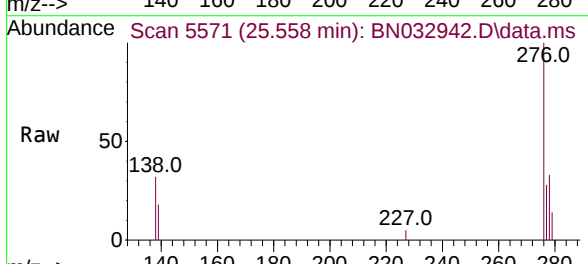
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 Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

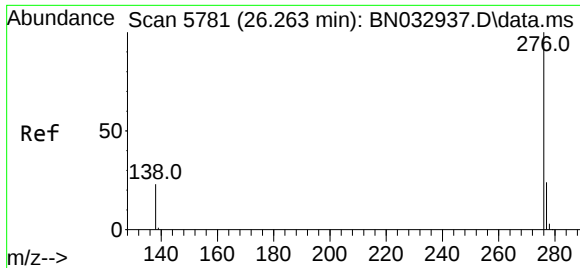


#28
 Dibenzo(a,h)anthracene
 Concen: 0.250 ng/ul
 RT: 25.558 min Scan# 5571
 Delta R.T. -0.012 min
 Lab File: BN032942.D
 Acq: 24 Jul 2024 11:10

Tgt Ion: 278 Resp: 13263

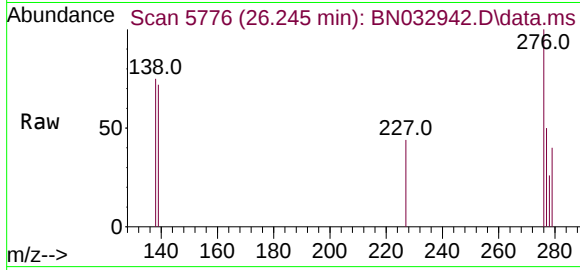
Ion	Ratio	Lower	Upper
278	100		
139	56.0	16.6	24.8
279	42.8	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 26.245 min Scan# 511
Delta R.T. -0.005 min
Lab File: BN032942.D
Acq: 24 Jul 2024 11:10

Instrument :
BNA_N
ClientSampleId :
A4CJ8DL



Tgt Ion:	276	Resp:	6110
Ion	Ratio	Lower	Upper
276	100		
138	75.5	21.0	31.4
277	50.4	20.6	31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

