

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032946.D
 Acq On : 24 Jul 2024 13:35
 Operator : MA/JU
 Sample : P3215-22DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 14:57:15 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	4833	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	16633	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	9434	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	18028m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	12135m	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	13480m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4255	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1454	0.058	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	2267	0.057	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1760	0.039	ng/ul#	85
7) 2-Methylnaphthalene	11.977	142	796	0.029	ng/ul	99
10) Acenaphthylene	13.892	152	2555	0.067	ng/ul#	86
11) Acenaphthene	14.235	153	1611	0.051	ng/ul	98
12) Fluorene	15.234	166	2057	0.057	ng/ul#	96
15) Phenanthrene	16.978	178	26068m	0.531	ng/ul	
16) Anthracene	17.071	178	5311m	0.132	ng/ul	
19) Fluoranthene	19.013	202	41461	0.840	ng/ul	99
20) Pyrene	19.380	202	40171	0.787	ng/ul	99
21) Benzo(a)anthracene	21.144	228	20736	0.537	ng/ul#	92
22) Chrysene	21.194	228	18219	0.326	ng/ul#	92
24) Benzo(b)fluoranthene	22.696	252	25540m	0.537	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	8768m	0.151	ng/ul	
26) Benzo(a)pyrene	23.254	252	18405	0.447	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.566	276	12899	0.231	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.562	278	3312	0.077	ng/ul#	1
29) Benzo(g,h,i)perylene	26.250	276	13181	0.283	ng/ul#	80

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

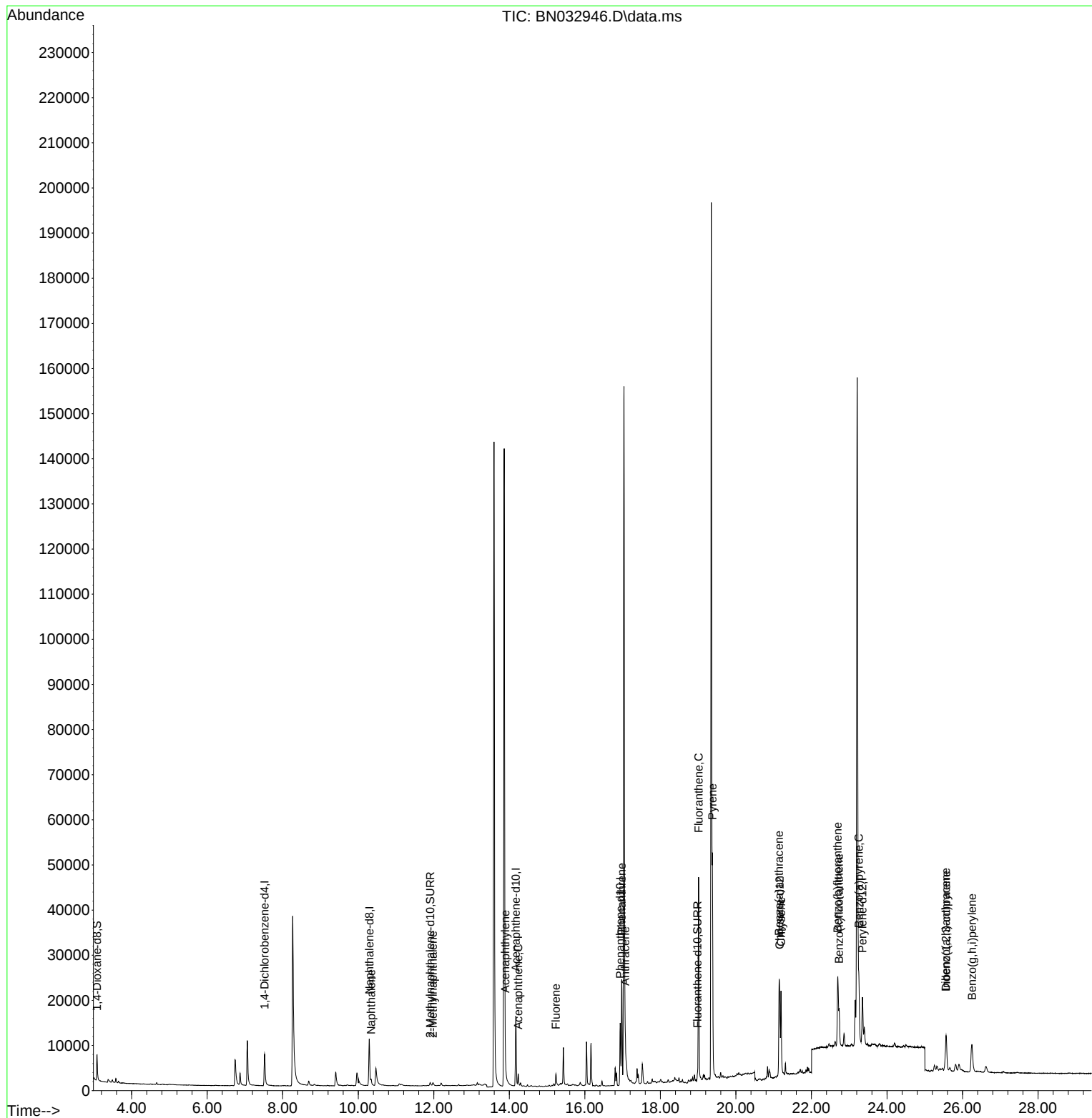
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
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ALS Vial : 57 Sample Multiplier: 1

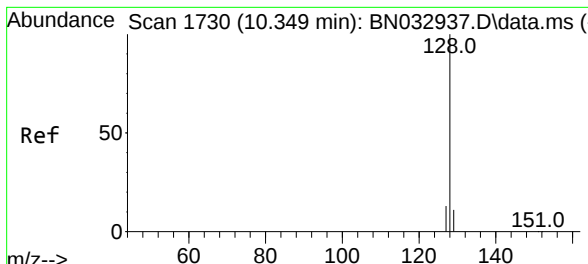
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

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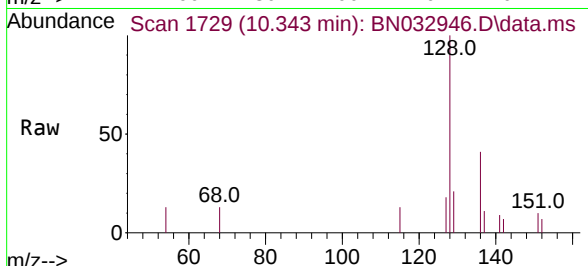
Quant Time: Jul 24 14:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

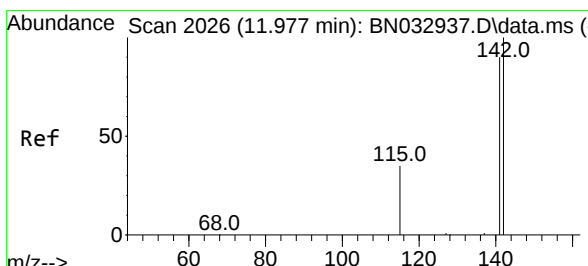
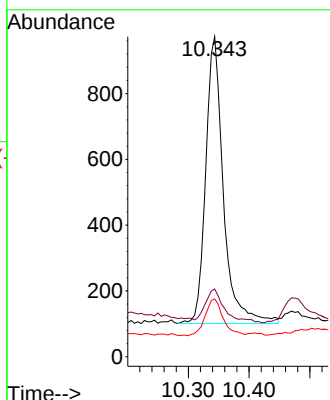
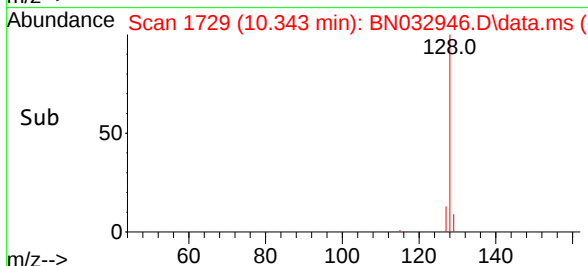
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



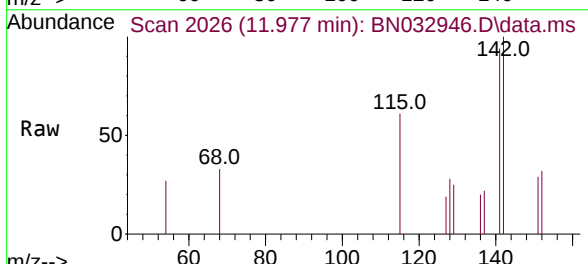
Tgt Ion:128 Resp: 1760
Ion Ratio Lower Upper
128 100
129 21.2 10.0 15.0
127 18.1 11.6 17.4

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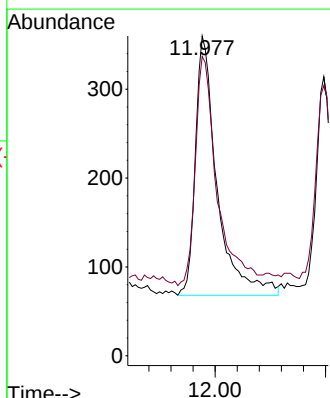
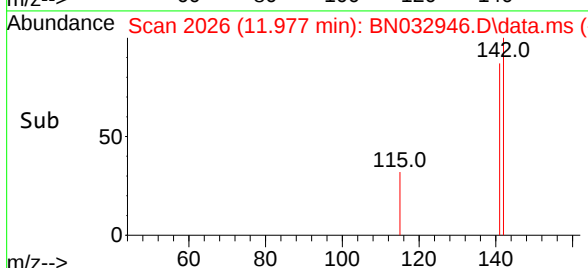
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

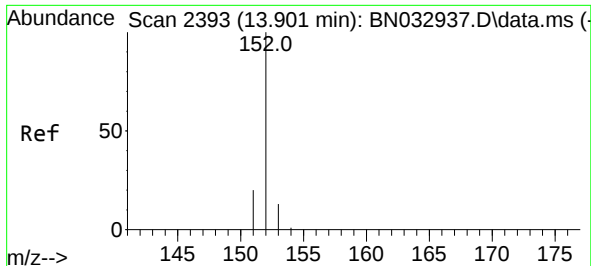


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.021 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35



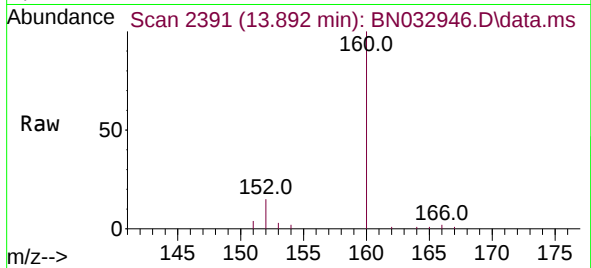
Tgt Ion:142 Resp: 796
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0





#10
Acenaphthylene
Concen: 0.067 ng/u1
RT: 13.892 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

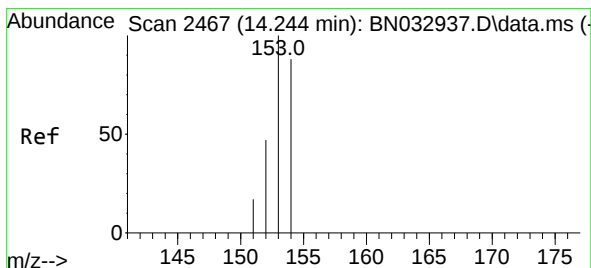
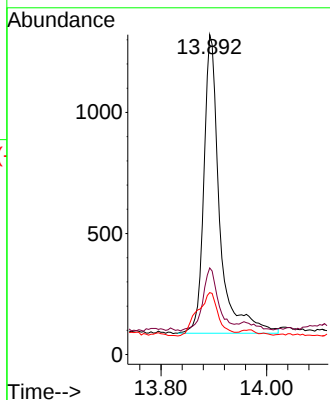
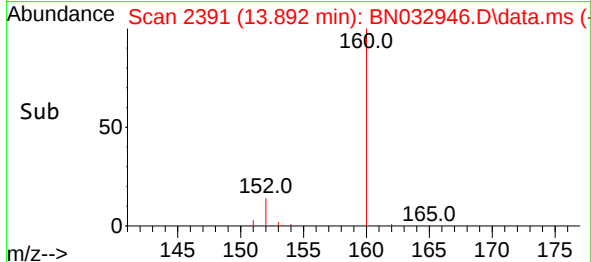
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



Tgt Ion:152 Resp: 255
Ion Ratio Lower Upper
152 100
151 27.1 16.3 24.5
153 19.4 11.3 16.9

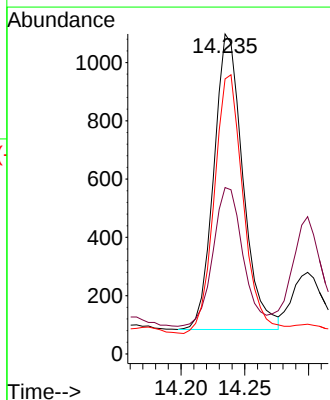
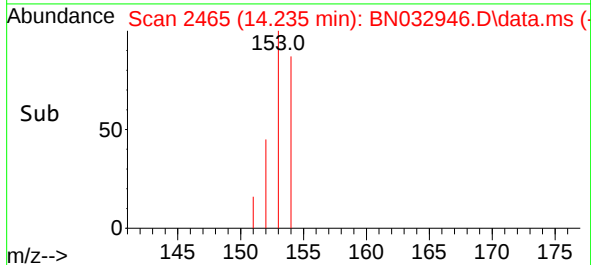
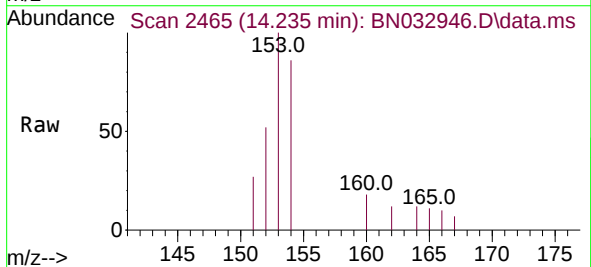
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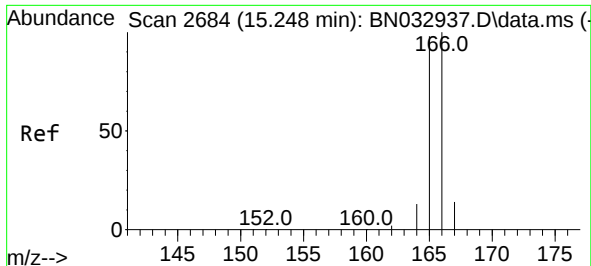
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

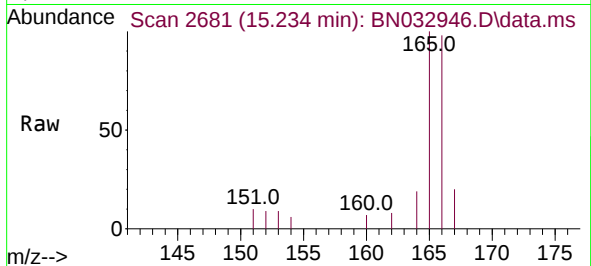
Tgt Ion:153 Resp: 1611
Ion Ratio Lower Upper
153 100
152 52.0 40.0 60.0
154 86.0 70.2 105.4





#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.234 min Scan# 2057
Delta R.T. -0.026 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

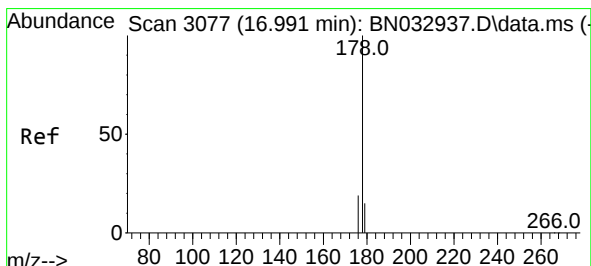
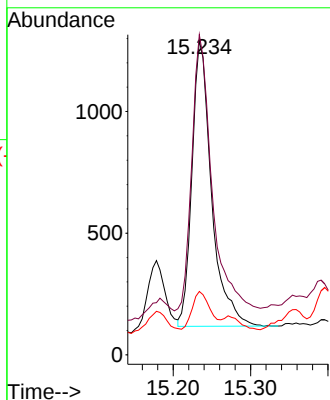
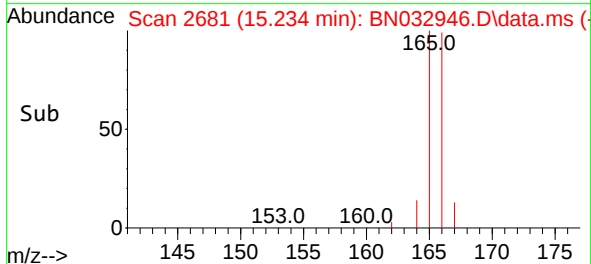
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



Tgt Ion:166 Resp: 2057
Ion Ratio Lower Upper
166 100
165 101.9 79.7 119.5
167 20.1 11.4 17.2

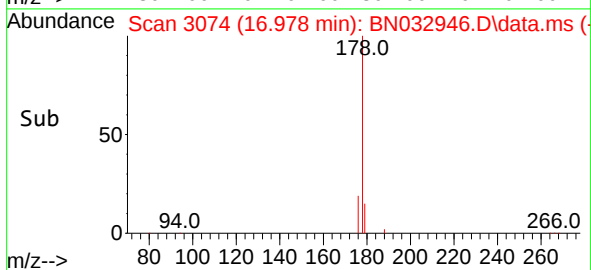
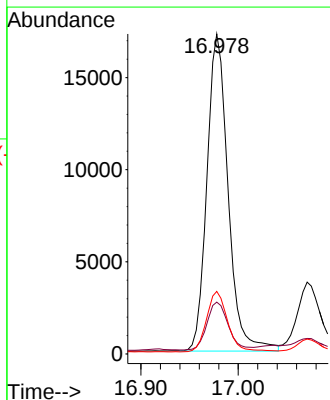
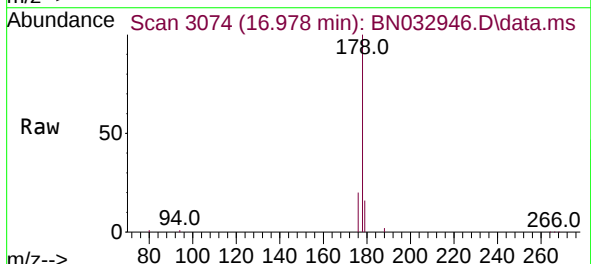
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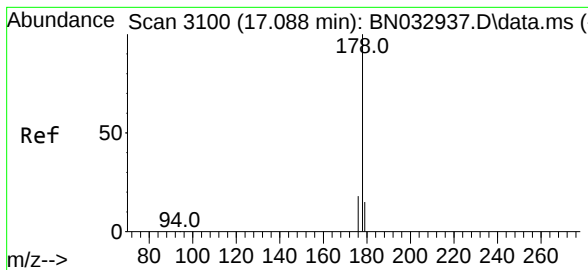
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.531 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

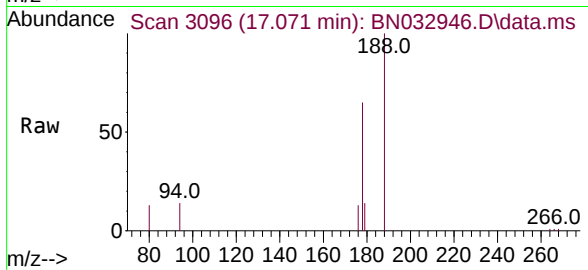
Tgt Ion:178 Resp: 26068
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.132 ng/ul m
 RT: 17.071 min Scan# 3096
 Delta R.T. -0.028 min
 Lab File: BN032946.D
 Acq: 24 Jul 2024 13:35

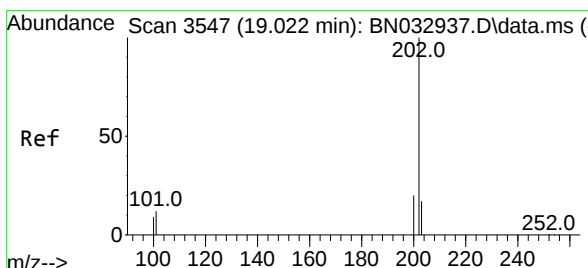
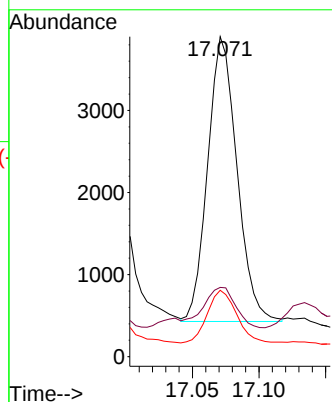
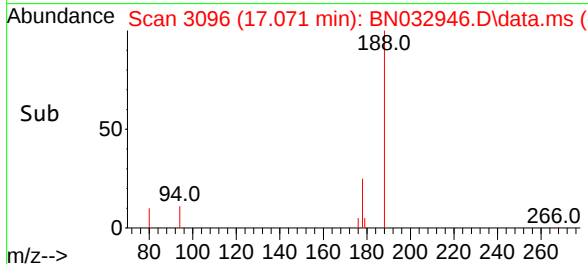
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ7DL



Tgt Ion:178 Resp: 531
 Ion Ratio Lower Upper
 178 100
 179 21.6 13.4 20.2
 176 20.7 15.4 23.0

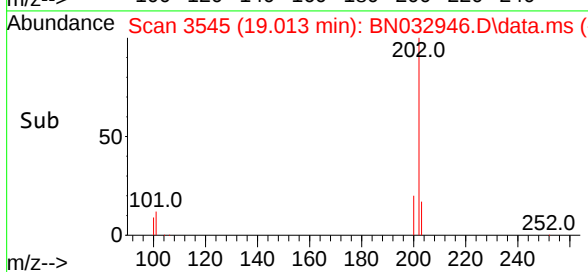
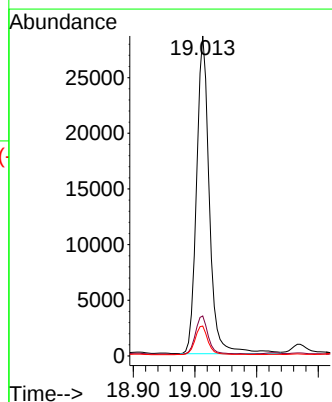
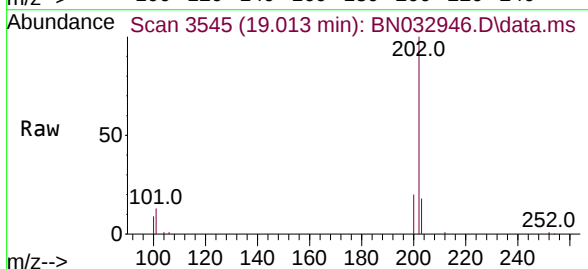
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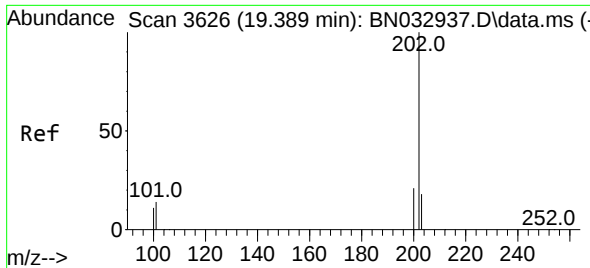
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.840 ng/ul
 RT: 19.013 min Scan# 3545
 Delta R.T. -0.012 min
 Lab File: BN032946.D
 Acq: 24 Jul 2024 13:35

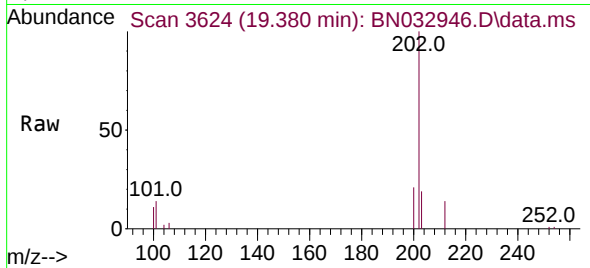
Tgt Ion:202 Resp: 41461
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.8 14.8
 100 9.4 7.9 11.9





#20
Pyrene
Concen: 0.787 ng/ul
RT: 19.380 min Scan# 3017
Delta R.T. -0.012 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

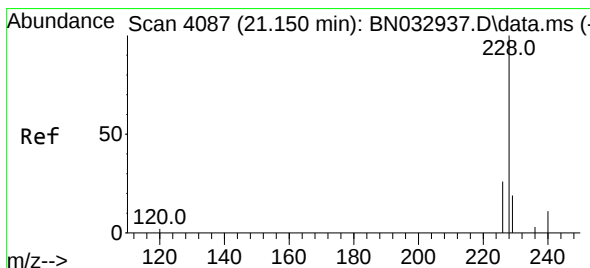
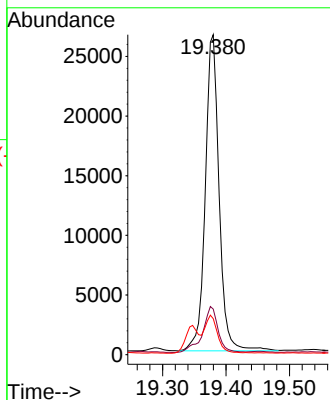
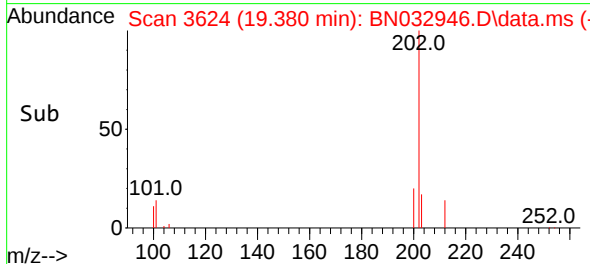
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



Tgt Ion:202 Resp: 4017
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.3 9.6 14.4

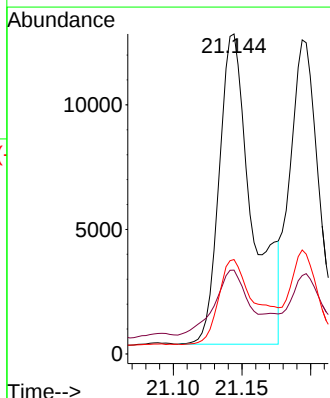
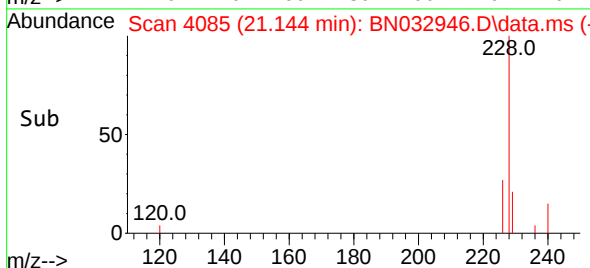
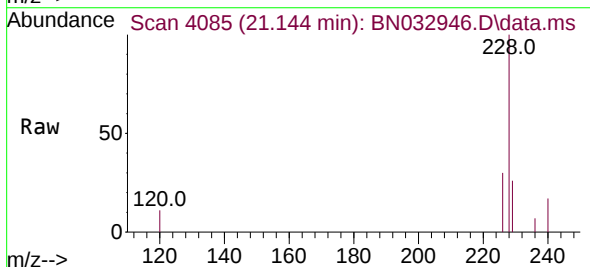
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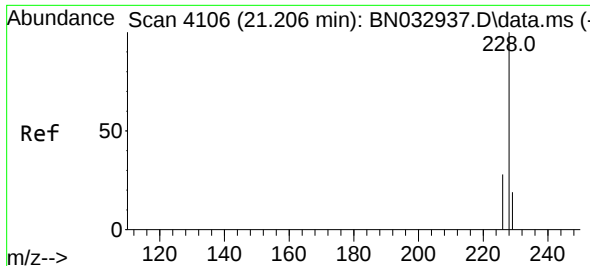
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 0.537 ng/ul
RT: 21.144 min Scan# 4085
Delta R.T. -0.006 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

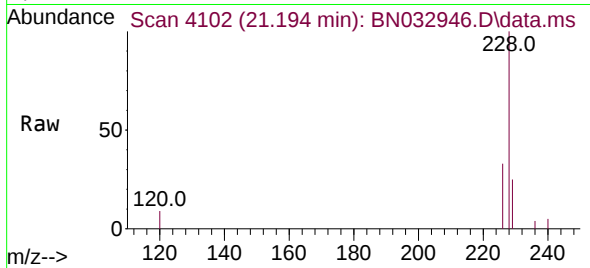
Tgt Ion:228 Resp: 20736
Ion Ratio Lower Upper
228 100
229 26.2 16.1 24.1#
226 29.5 21.9 32.9





#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

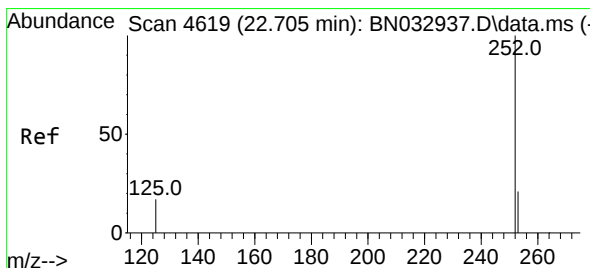
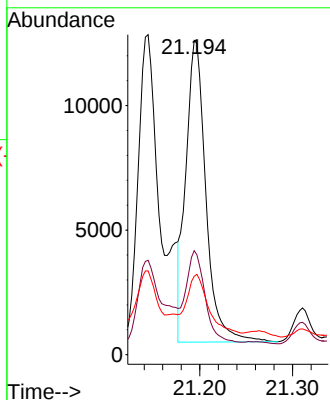
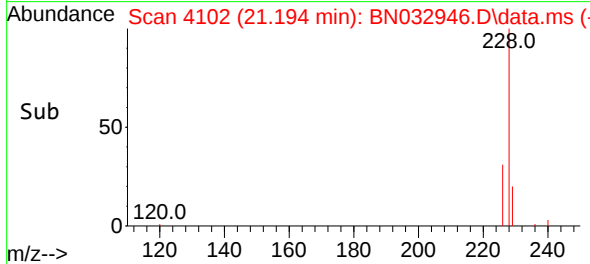
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



Tgt Ion:228 Resp: 18219
Ion Ratio Lower Upper
228 100
226 33.1 24.0 36.0
229 25.0 15.8 23.6

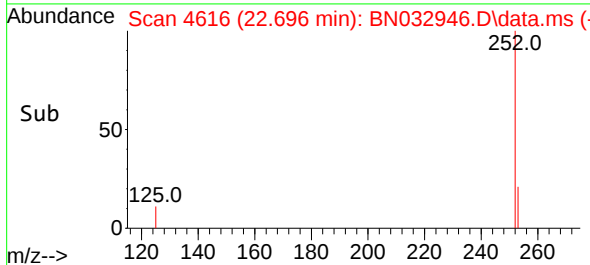
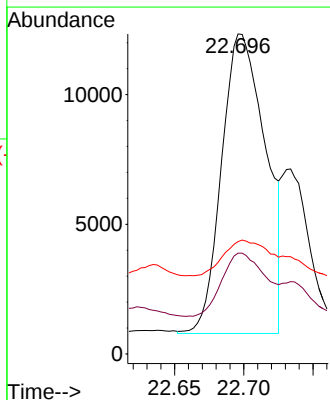
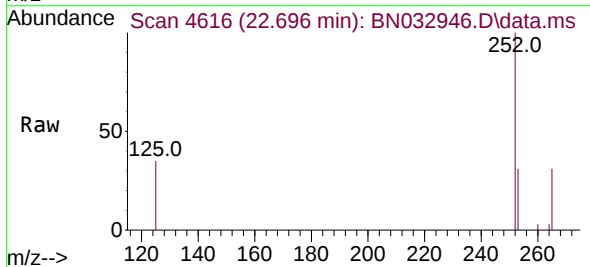
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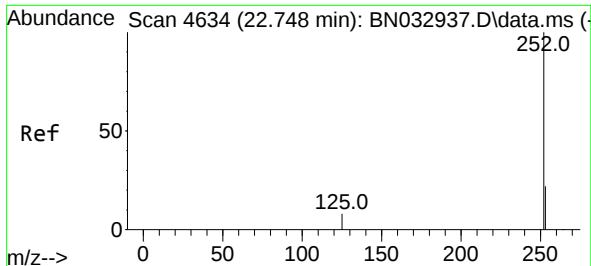
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.537 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

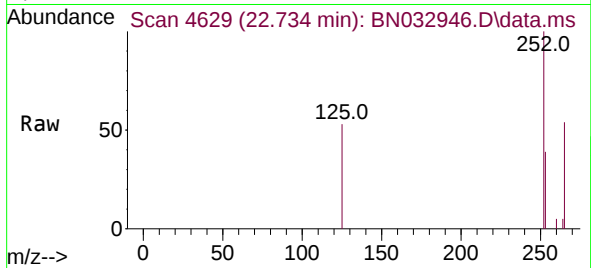
Tgt Ion:252 Resp: 25540
Ion Ratio Lower Upper
252 100
253 31.5 0.0 54.0
125 35.1 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

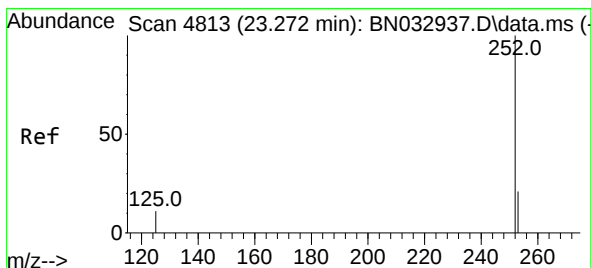
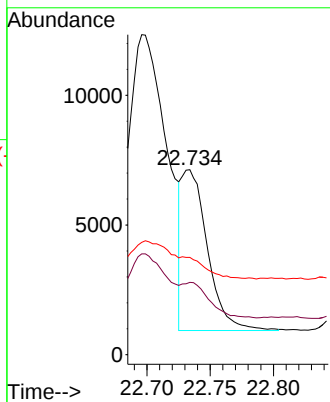
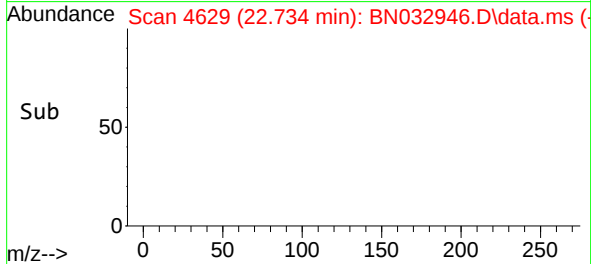
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



Tgt Ion:252 Resp: 8768
Ion Ratio Lower Upper
252 100
253 39.1 21.2 31.8
125 52.6 14.8 22.2

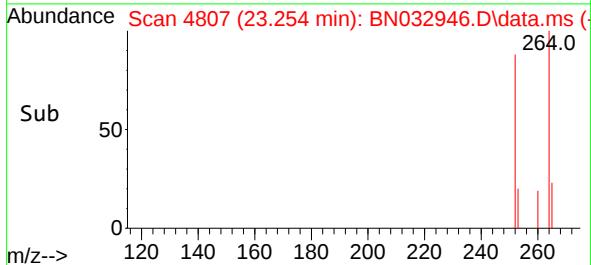
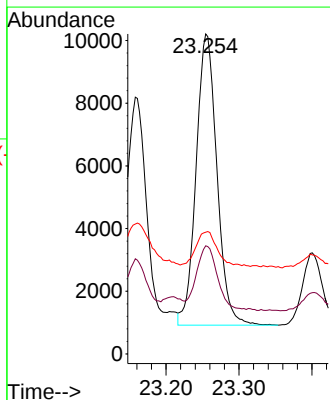
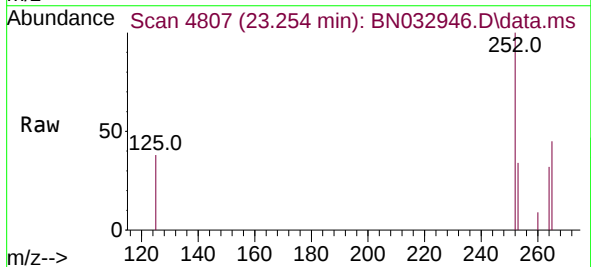
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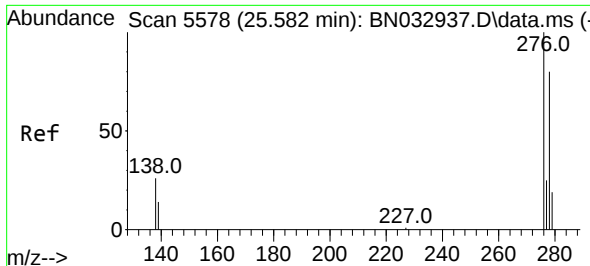
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

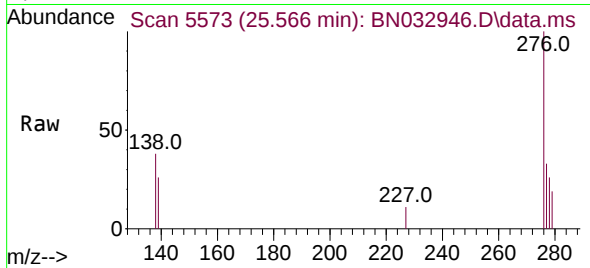
Tgt Ion:252 Resp: 18405
Ion Ratio Lower Upper
252 100
253 33.8 25.4 38.0
125 38.1 20.6 30.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.004 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

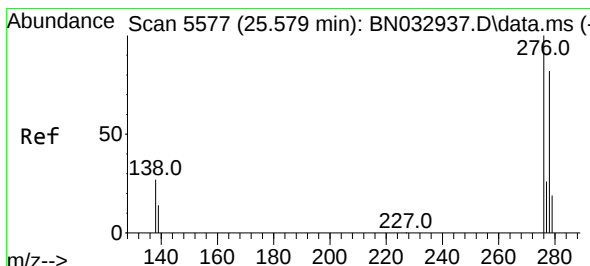
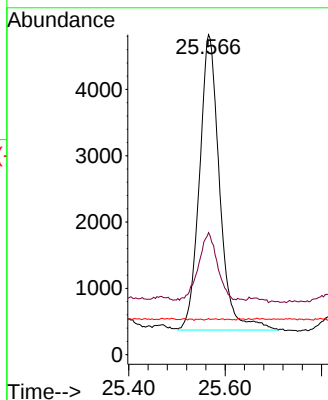
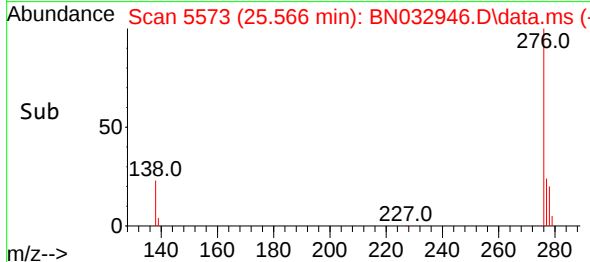
Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



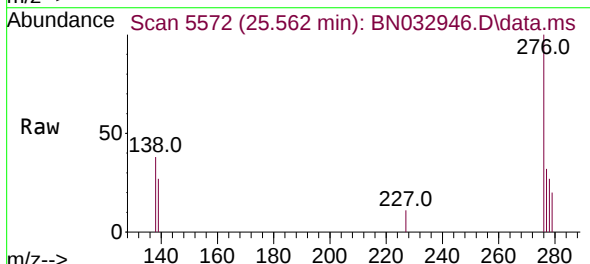
Tgt Ion:276 Resp: 12899
Ion Ratio Lower Upper
276 100
138 21.2 21.6 32.4#
227 0.1 0.0 0.0#

Manual Integrations
APPROVED

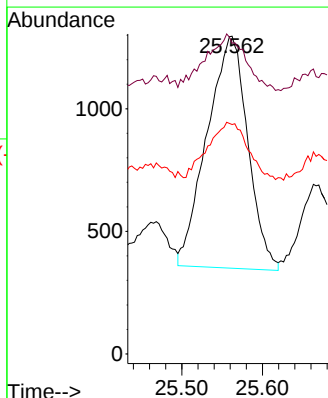
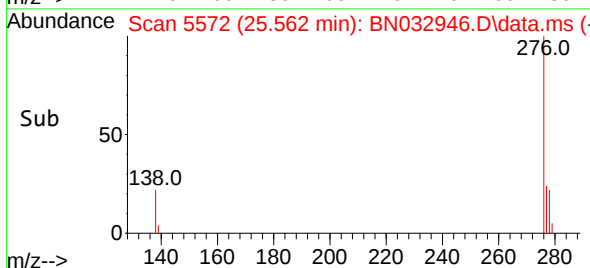
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

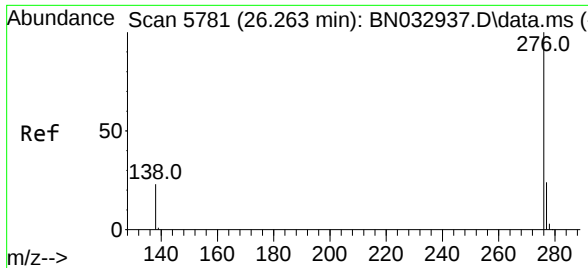


#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.562 min Scan# 5572
Delta R.T. -0.007 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35



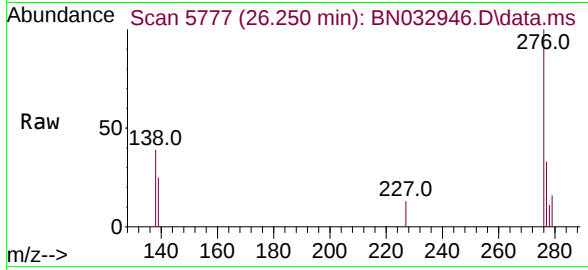
Tgt Ion:278 Resp: 3312
Ion Ratio Lower Upper
278 100
139 97.8 16.6 24.8#
279 72.2 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 26.250 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN032946.D
Acq: 24 Jul 2024 13:35

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL



Tgt Ion:276 Resp: 1318

Ion	Ratio	Lower	Upper
276	100		
138	39.4	21.0	31.4
277	33.2	20.6	31.0

Manual Integrations
APPROVED

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

