

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032512.D
 Acq On : 05 Jul 2024 17:41
 Operator : MA/JU
 Sample : P2982-04DL2 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP5DL2

Quant Time: Jul 05 18:12:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

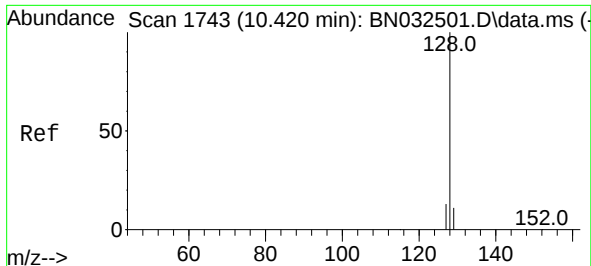
Manual Integrations
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Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

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

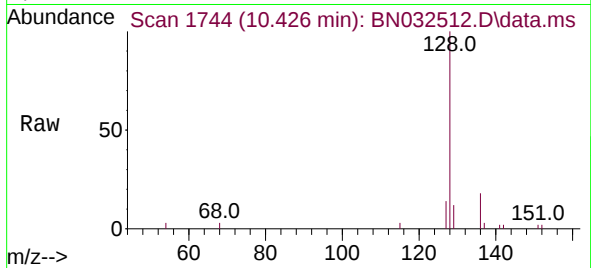
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	4097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	11689	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.248	164	6758	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.007	188	12889	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	11841	0.400	ng/ul	0.01
23) Perylene-d12	23.435	264	14656	0.400	ng/ul #	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	238	0.052	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	245	0.014	ng/ul	0.02
18) Fluoranthene-d10	19.045	212	628	0.018	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	13753	0.445	ng/ul	98
10) Acenaphthylene	13.971	152	14520	0.517	ng/ul	98
11) Acenaphthene	14.308	153	19811	0.908	ng/ul	99
12) Fluorene	15.312	166	10584	0.407	ng/ul	99
15) Phenanthrene	17.050	178	28552	0.808	ng/ul	99
16) Anthracene	17.142	178	24021	0.762	ng/ul	99
19) Fluoranthene	19.073	202	21276	0.472	ng/ul#	96
20) Pyrene	19.440	202	9784	0.208	ng/ul	97
21) Benzo(a)anthracene	21.206	228	3477m	0.081	ng/ul	
22) Chrysene	21.255	228	10011	0.213	ng/ul	95
24) Benzo(b)fluoranthene	22.769	252	11673	0.183	ng/ul	76
25) Benzo(k)fluoranthene	22.813	252	9217	0.149	ng/ul#	69
26) Benzo(a)pyrene	23.342	252	13867	0.313	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.680	276	18387	0.265	ng/ul	98
28) Dibenzo(a,h)anthracene	25.683	278	16920	0.328	ng/ul#	90
29) Benzo(g,h,i)perylene	26.367	276	13049	0.236	ng/ul#	91

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



#5
Naphthalene
Concen: 0.445 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

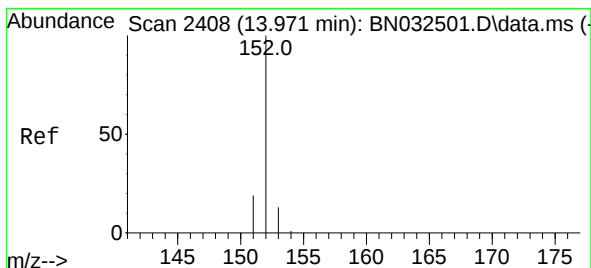
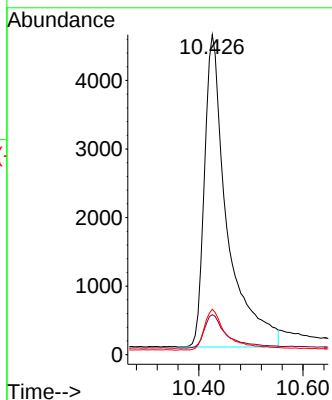
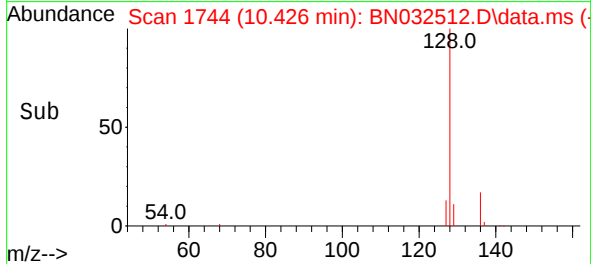
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:128 Resp: 1375
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 14.2 10.8 16.2

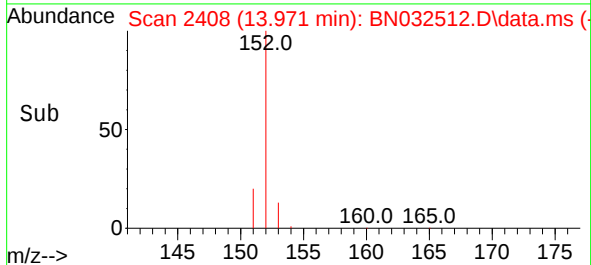
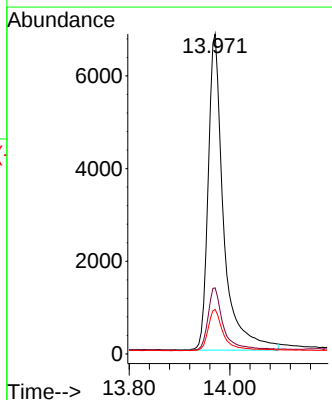
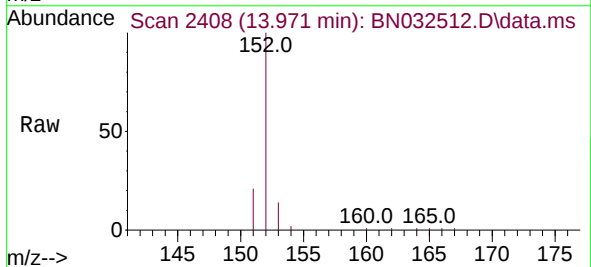
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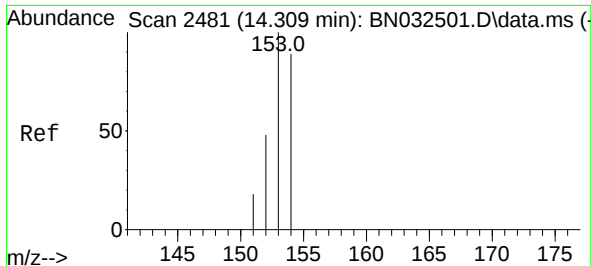
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.517 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

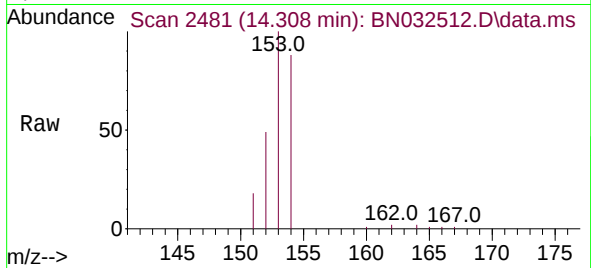
Tgt Ion:152 Resp: 14520
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.908 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

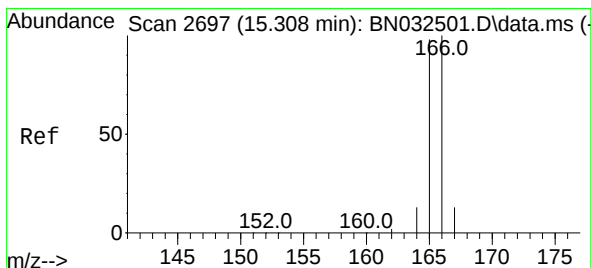
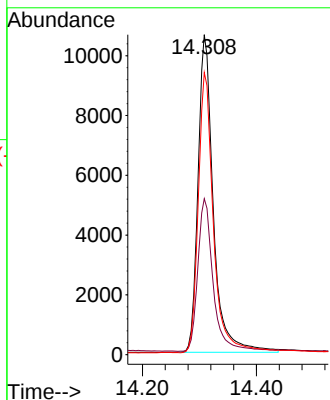
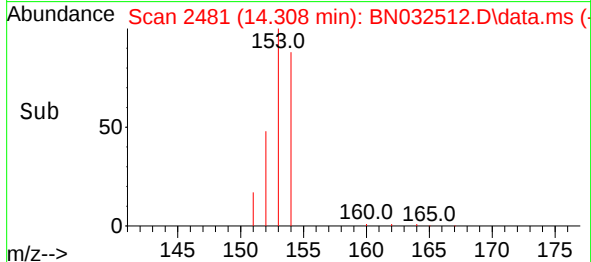
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:153 Resp: 1981
Ion Ratio Lower Upper
153 100
152 48.8 39.5 59.3
154 88.1 71.7 107.5

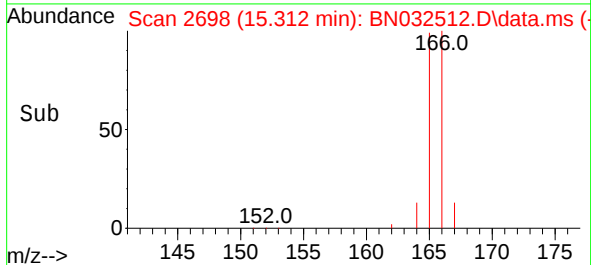
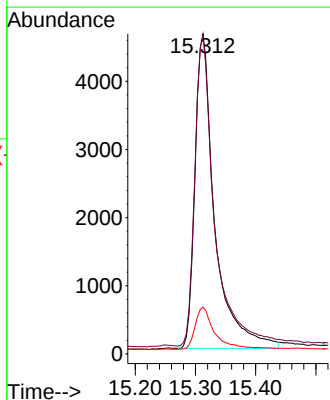
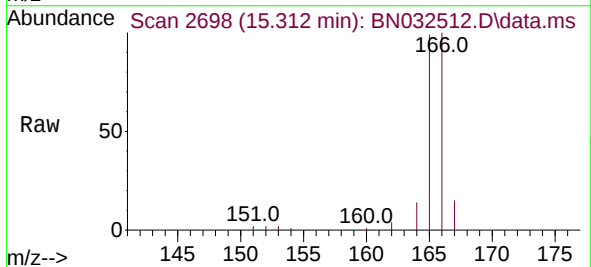
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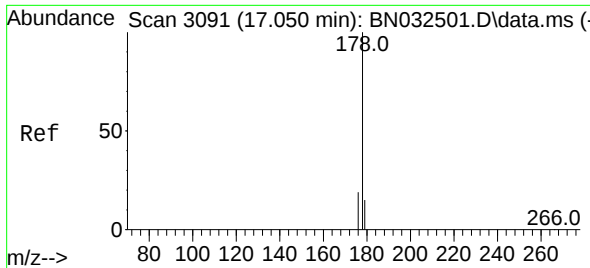
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.000 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

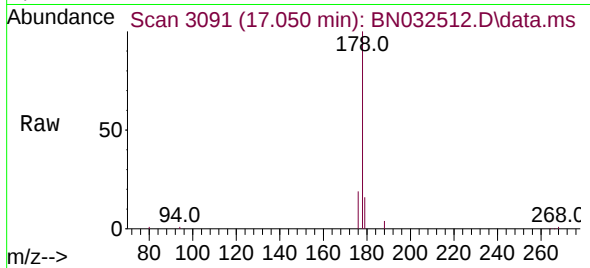
Tgt Ion:166 Resp: 10584
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 14.6 11.0 16.6





#15
Phenanthrene
Concen: 0.808 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

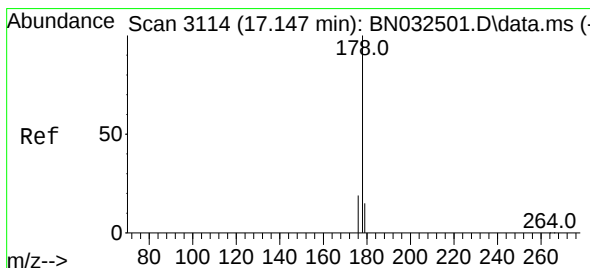
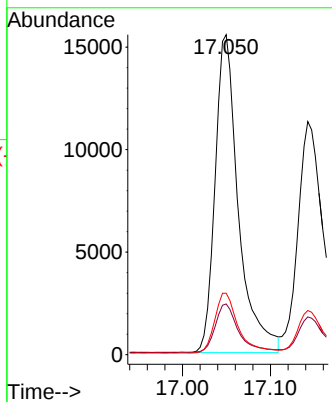
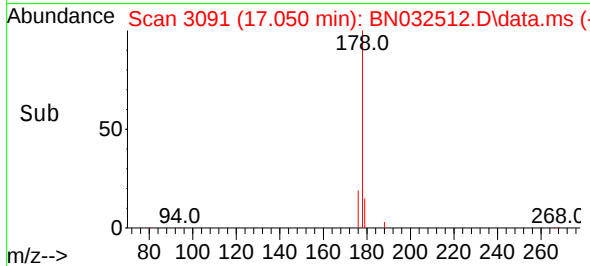
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:178 Resp: 28552
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.2 15.6 23.4

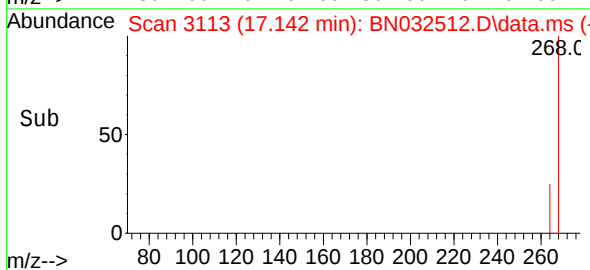
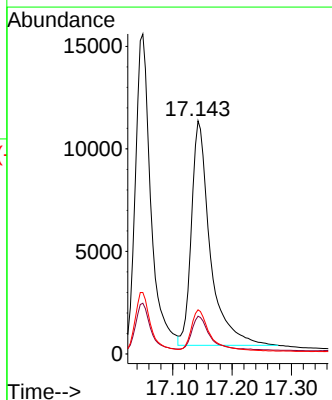
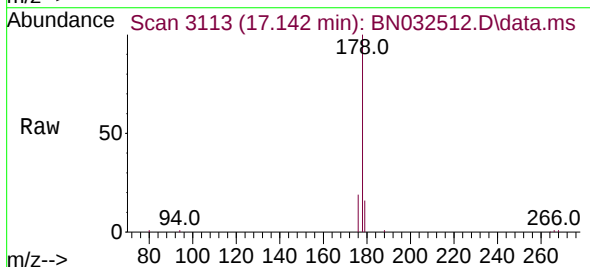
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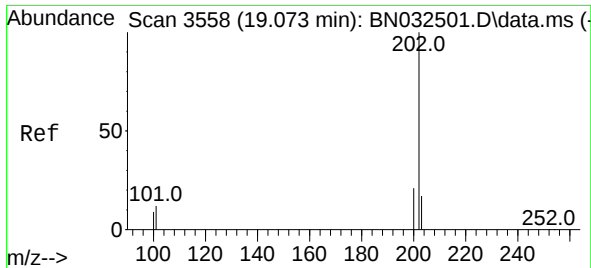
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.762 ng/ul
RT: 17.142 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

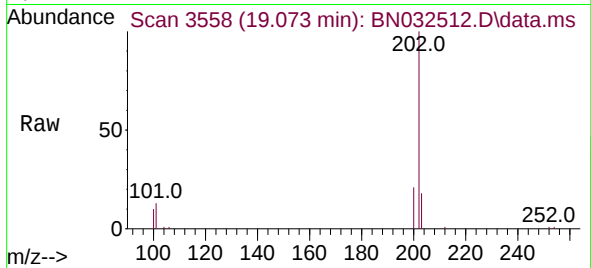
Tgt Ion:178 Resp: 24021
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 0.472 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.000 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

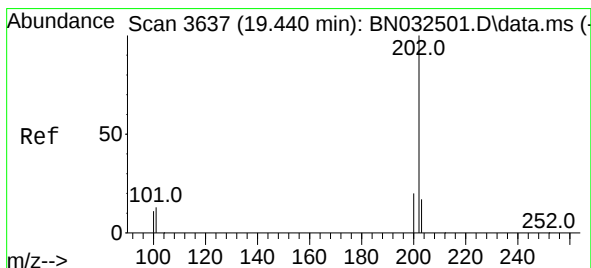
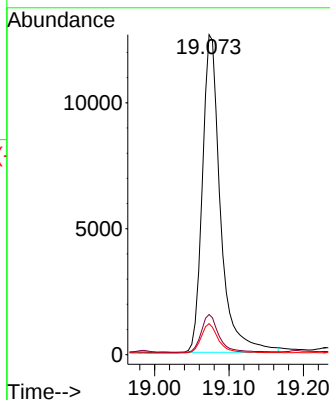
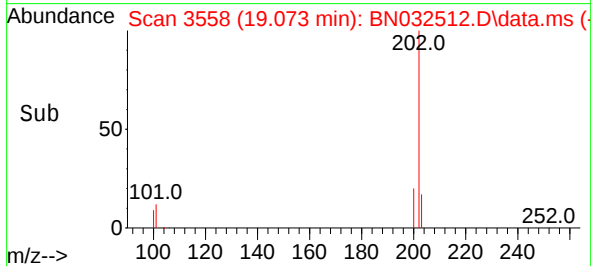
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:202 Resp: 21270
Ion Ratio Lower Upper
202 100
101 12.6 8.8 13.2
100 9.7 6.4 9.6

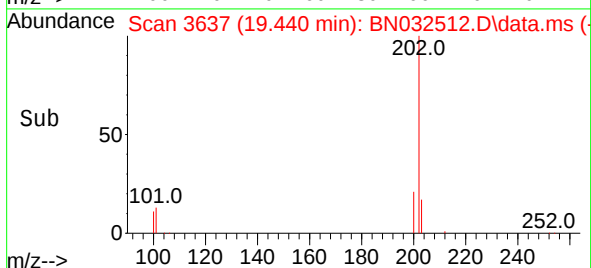
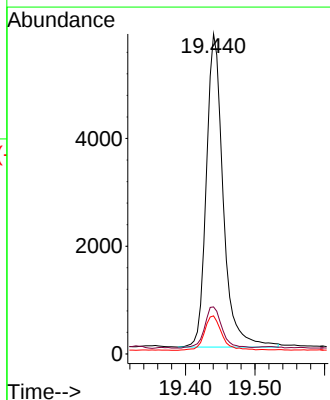
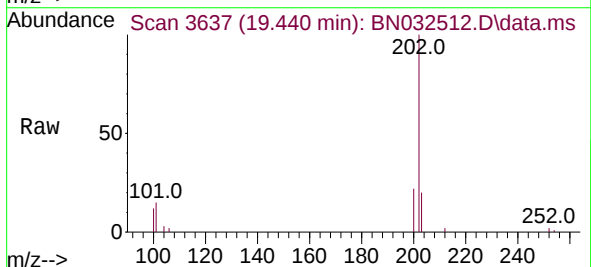
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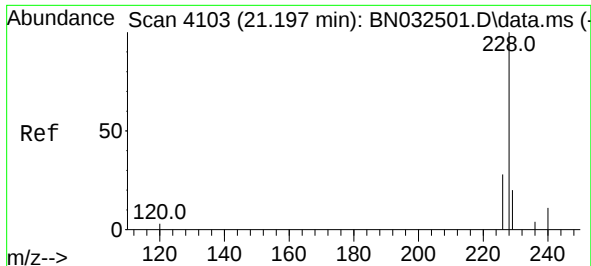
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.208 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

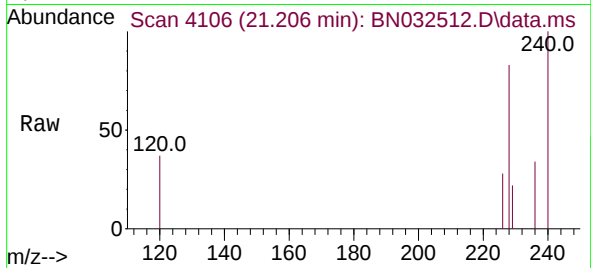
Tgt Ion:202 Resp: 9784
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.4
100 11.9 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.081 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. 0.015 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

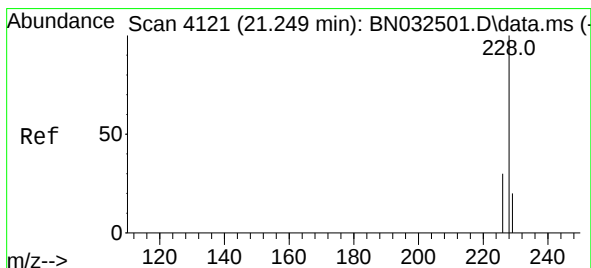
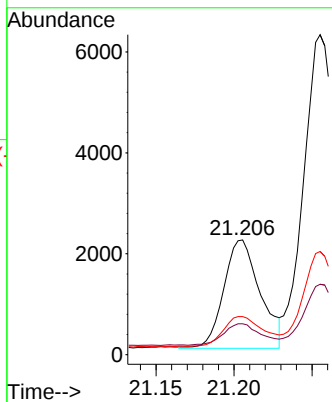
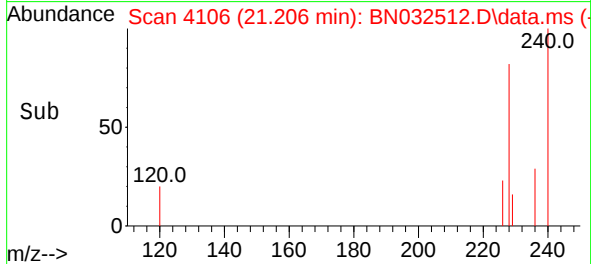
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:228 Resp: 347
Ion Ratio Lower Upper
228 100
229 26.9 15.7 23.5
226 33.2 21.8 32.8

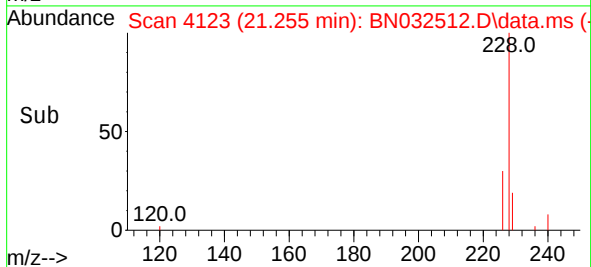
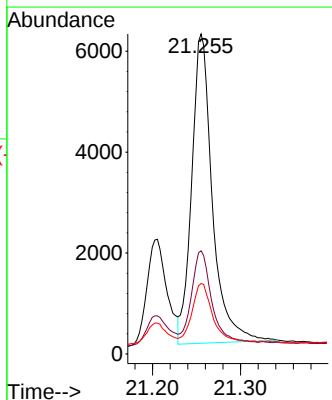
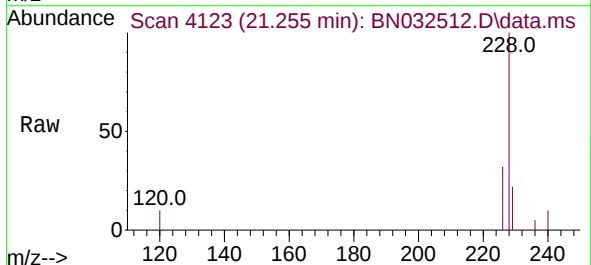
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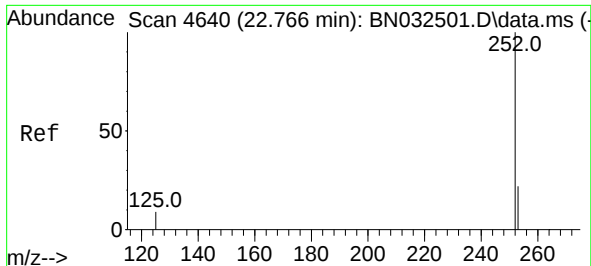
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.213 ng/ul
RT: 21.255 min Scan# 4123
Delta R.T. 0.012 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

Tgt Ion:228 Resp: 10011
Ion Ratio Lower Upper
228 100
226 32.3 23.6 35.4
229 22.0 15.7 23.5





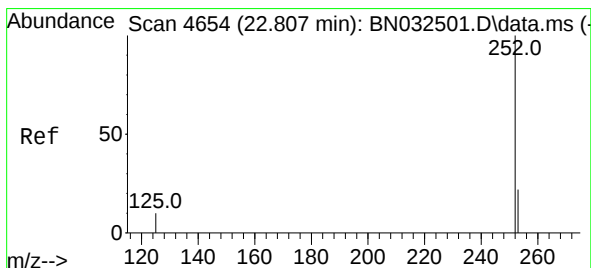
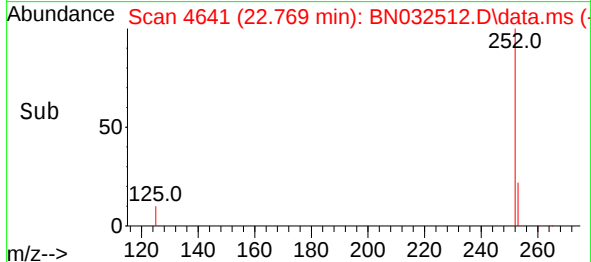
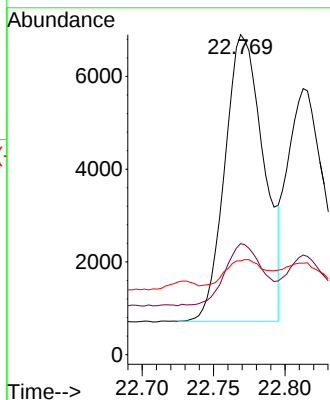
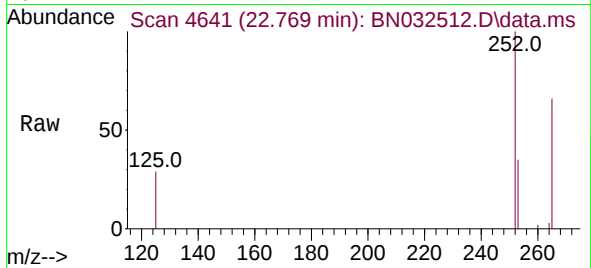
#24
Benzo(b)fluoranthene
Concen: 0.183 ng/ul
RT: 22.769 min Scan# 4641
Delta R.T. 0.012 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

Instrument :
BNA_N
ClientSampleId :
A4DP5DL2

Tgt Ion:252 Resp: 11673
Ion Ratio Lower Upper
252 100
253 34.7 0.0 50.2
125 29.3 0.0 32.0

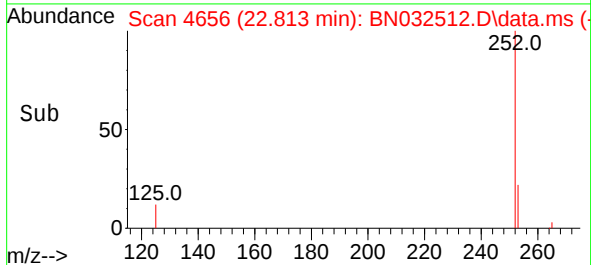
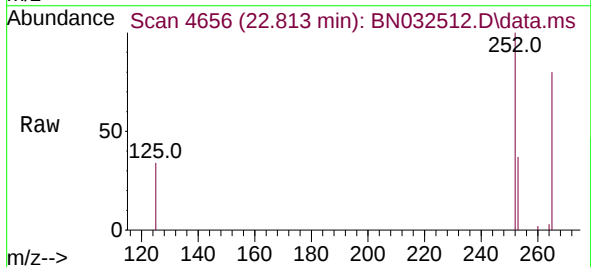
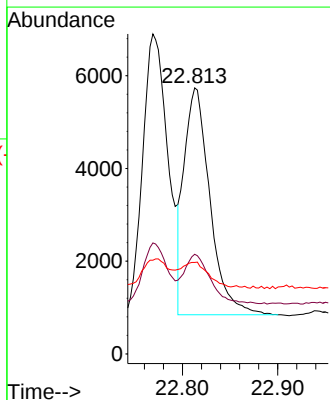
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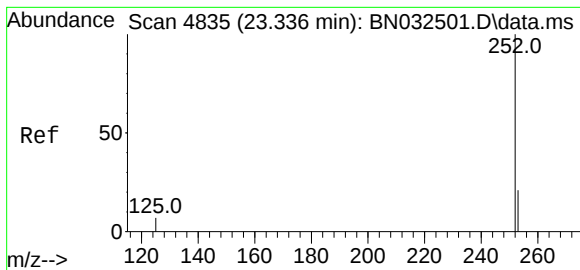
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.149 ng/ul
RT: 22.813 min Scan# 4656
Delta R.T. 0.012 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

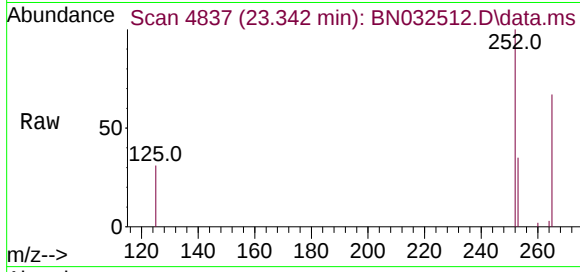
Tgt Ion:252 Resp: 9217
Ion Ratio Lower Upper
252 100
253 37.5 20.3 30.5#
125 34.4 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.342 min Scan# 4835
Delta R.T. 0.015 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

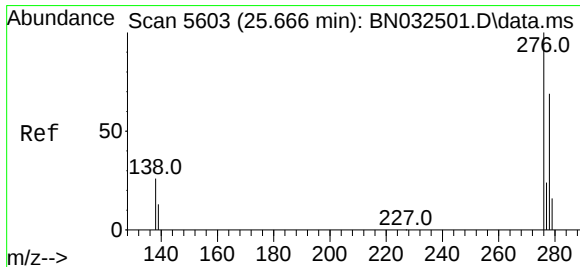
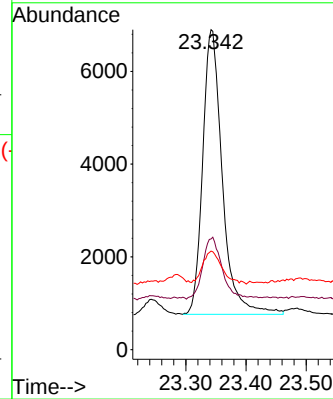
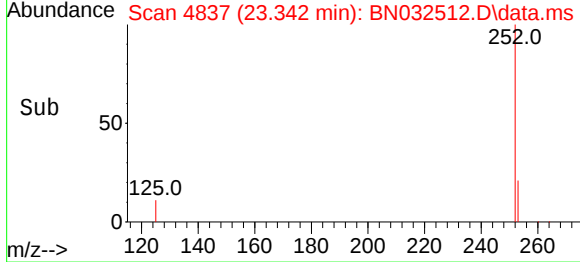
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:252 Resp: 1386
Ion Ratio Lower Upper
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125 30.8 16.4 24.6

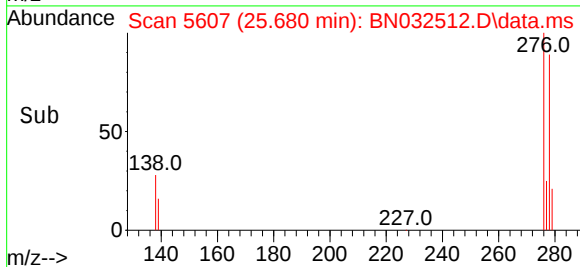
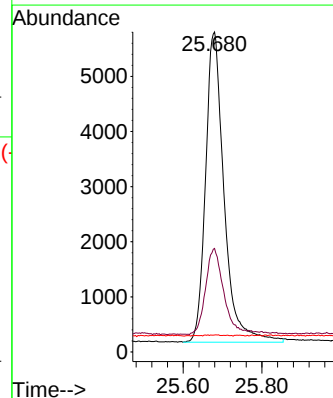
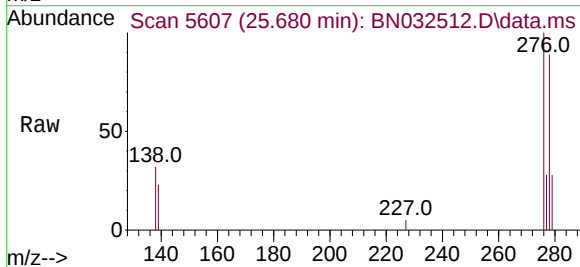
Manual Integrations
APPROVED

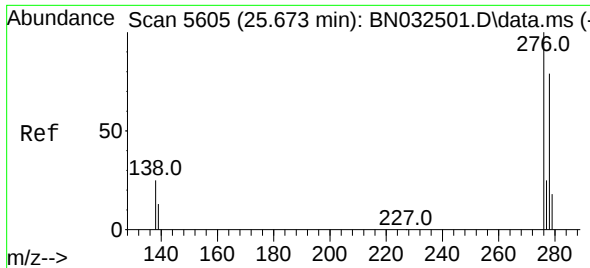
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. 0.020 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

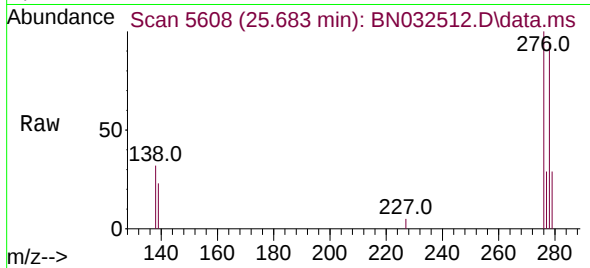
Tgt Ion:276 Resp: 18387
Ion Ratio Lower Upper
276 100
138 27.6 21.3 31.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.683 min Scan# 5608
Delta R.T. 0.017 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

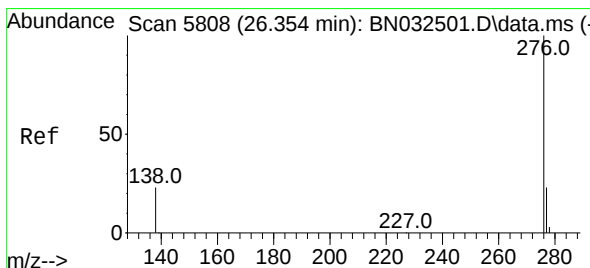
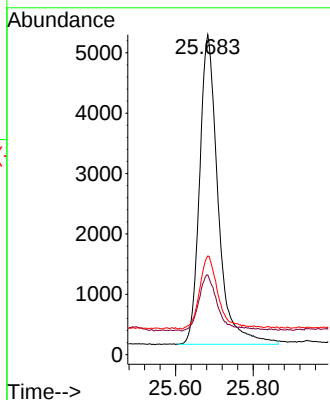
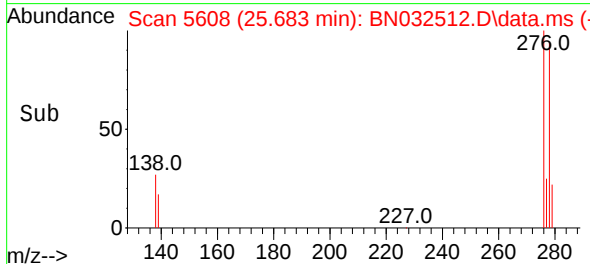
Instrument :
BNA_N
ClientSampleId :
A4DP5DL2



Tgt Ion:278 Resp: 16920
Ion Ratio Lower Upper
278 100
139 24.9 15.9 23.9
279 30.8 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 26.367 min Scan# 5812
Delta R.T. 0.023 min
Lab File: BN032512.D
Acq: 05 Jul 2024 17:41

Tgt Ion:276 Resp: 13049
Ion Ratio Lower Upper
276 100
138 29.7 19.8 29.6
277 28.7 19.8 29.6

