

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032492.D
 Acq On : 05 Jul 2024 02:34
 Operator : MA/JU
 Sample : P2964-09MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 05 03:02:11 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8829	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	25488	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	13523	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	25823	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.205	240	21952	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	31225	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3252	0.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	6740	0.176	ng/ul	-0.01
18) Fluoranthene-d10	19.036	212	15244	0.231	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.177	88	7815	0.700	ng/ul	93
5) Naphthalene	10.420	128	64359	0.954	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	25833	0.578	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	18417	0.397	ng/ul	99
10) Acenaphthylene	13.961	152	109426	1.946	ng/ul	99
11) Acenaphthene	14.304	153	22741	0.521	ng/ul	98
12) Fluorene	15.299	166	34439	0.662	ng/ul	99
14) Pentachlorophenol	16.665	266	3831	0.656	ng/ul	100
15) Phenanthrene	17.041	178	528302	7.462	ng/ul	99
16) Anthracene	17.134	178	165476	2.620	ng/ul	99
19) Fluoranthene	19.068	202	1039761	12.439	ng/ul	99
20) Pyrene	19.431	202	856901	9.809	ng/ul	100
21) Benzo(a)anthracene	21.188	228	594808	7.507	ng/ul	96
22) Chrysene	21.241	228	636023	7.314	ng/ul	96
24) Benzo(b)fluoranthene	22.760	252	912716m	6.728	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	362840m	2.753	ng/ul	
26) Benzo(a)pyrene	23.327	252	410904	4.353	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.659	276	435200	2.945	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.663	278	157151	1.431	ng/ul#	90
29) Benzo(g,h,i)perylene	26.347	276	67419	0.573	ng/ul#	87

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

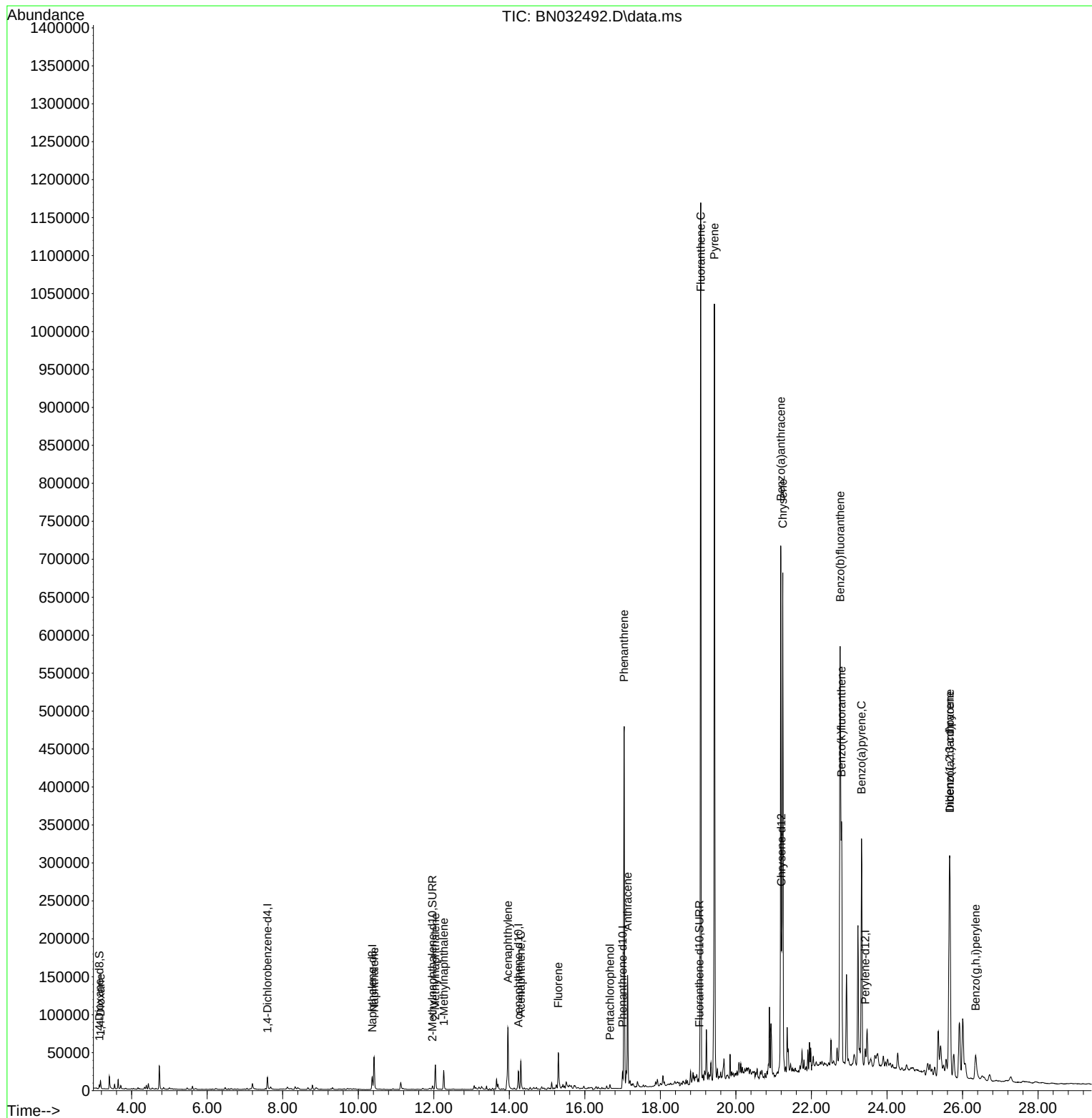
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032492.D
Acq On : 05 Jul 2024 02:34
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ALS Vial : 66 Sample Multiplier: 1

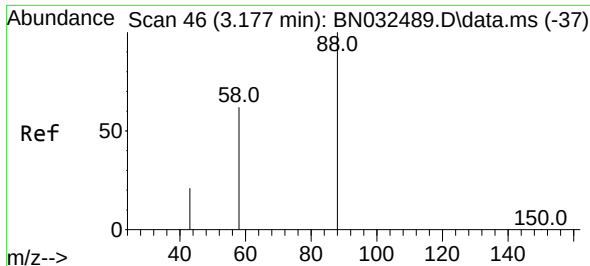
Instrument :
BNA_N
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Quant Time: Jul 05 03:02:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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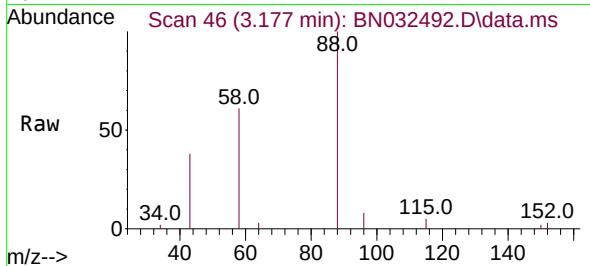
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#2
1,4-Dioxane
Concen: 0.700 ng/ul
RT: 3.177 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

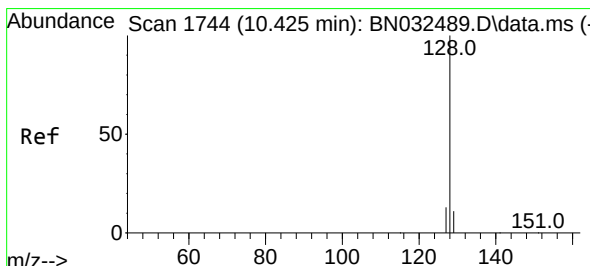
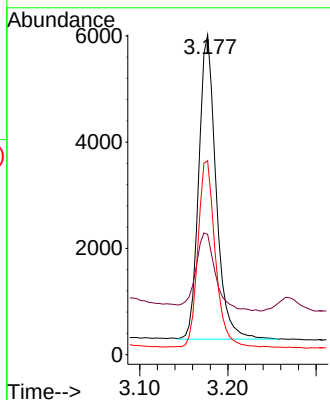
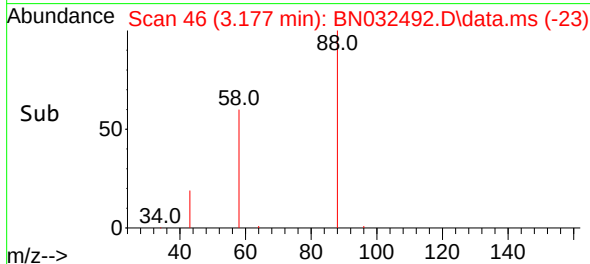
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



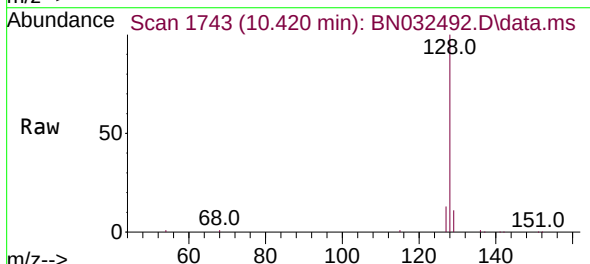
Tgt Ion: 88 Resp: 7815
Ion Ratio Lower Upper
88 100
43 37.6 28.4 42.6
58 60.6 43.3 64.9

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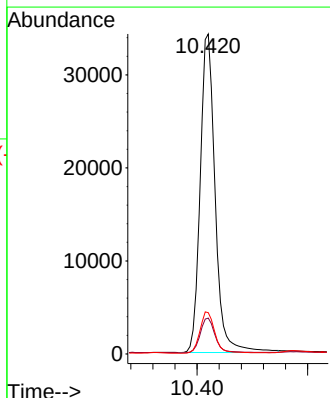
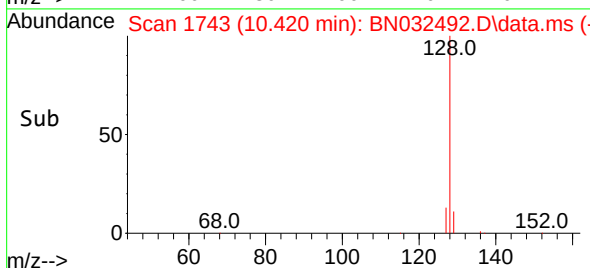
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

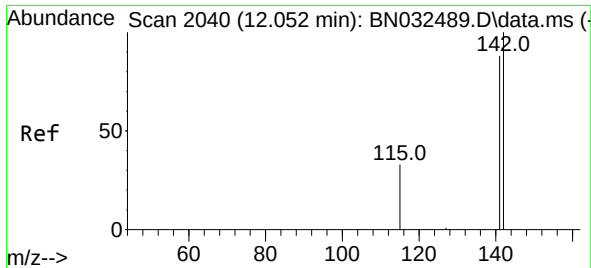


#5
Naphthalene
Concen: 0.954 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34



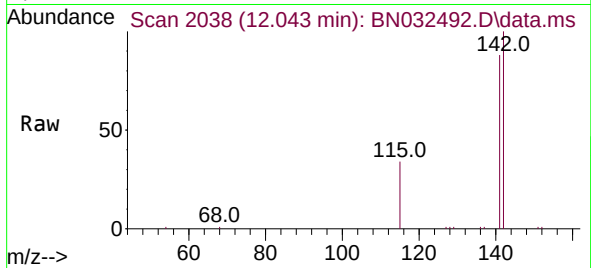
Tgt Ion:128 Resp: 64359
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 12.9 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.578 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

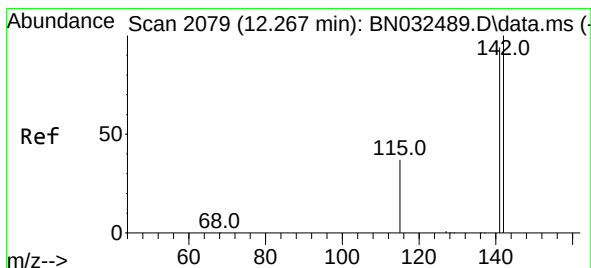
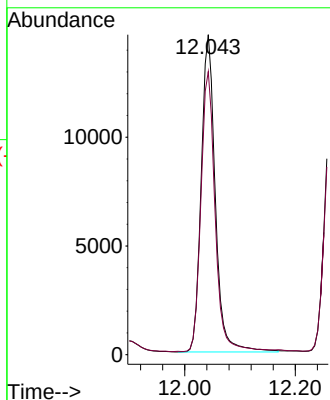
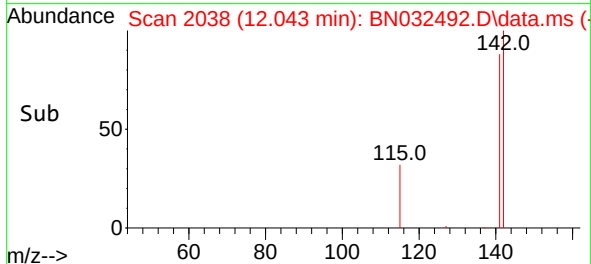
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BNA_N
ClientSampleId :
A4CS4MS



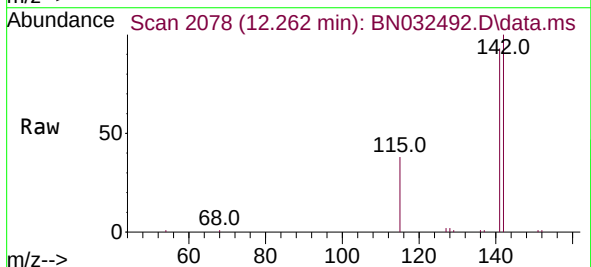
Tgt Ion:142 Resp: 2583
Ion Ratio Lower Upper
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141 89.0 72.2 108.2

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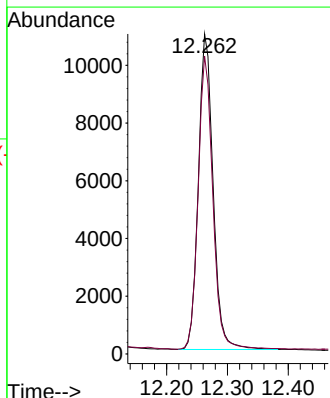
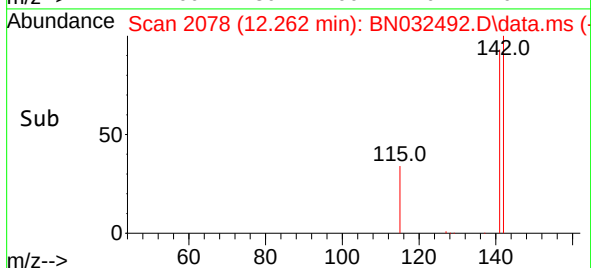
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

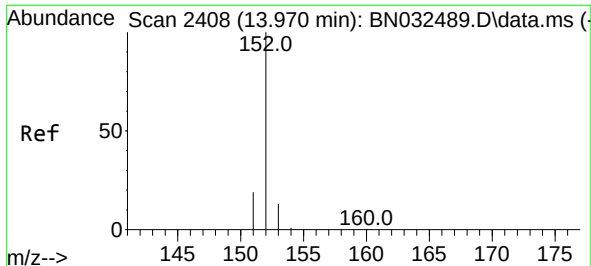


#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.262 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34



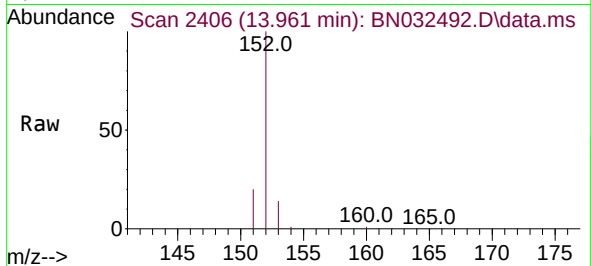
Tgt Ion:142 Resp: 18417
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0





#10
Acenaphthylene
Concen: 1.946 ng/ul
RT: 13.961 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

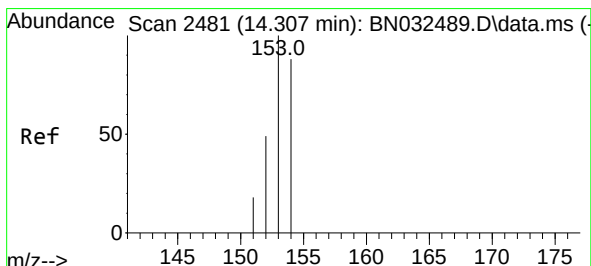
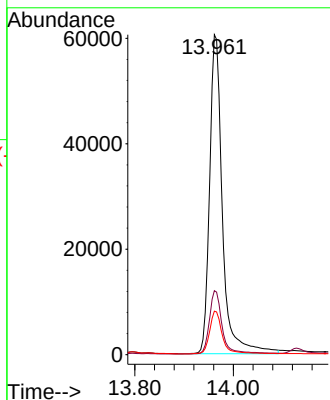
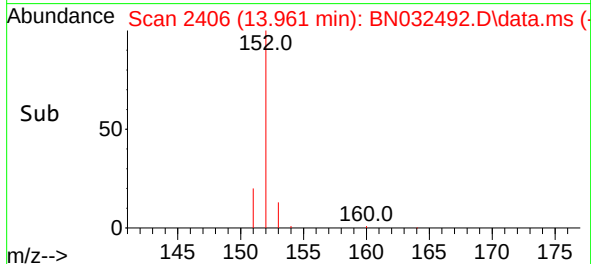
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



Tgt Ion:152 Resp: 109420
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.6 10.9 16.3

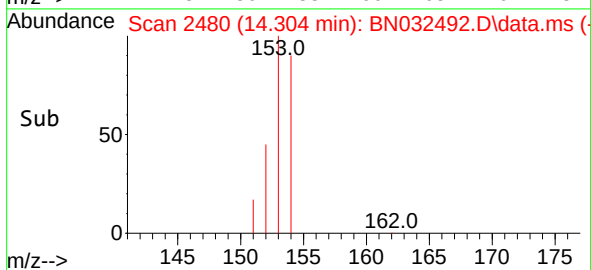
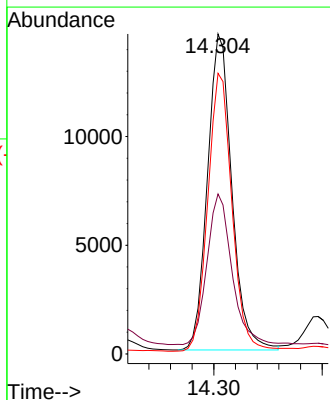
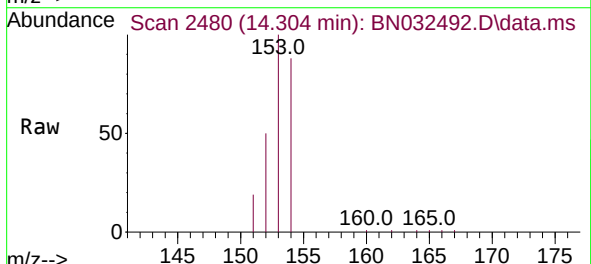
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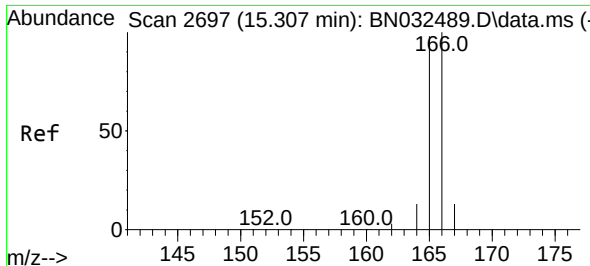
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#11
Acenaphthene
Concen: 0.521 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

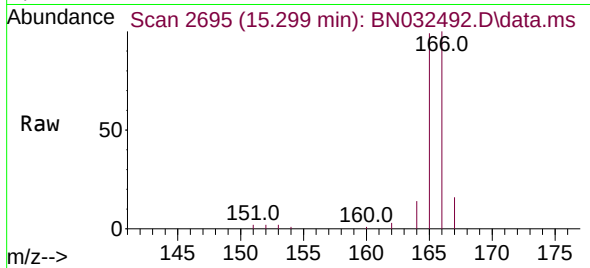
Tgt Ion:153 Resp: 22741
Ion Ratio Lower Upper
153 100
152 50.0 39.5 59.3
154 87.7 71.7 107.5





#12
 Fluorene
 Concen: 0.662 ng/ul
 RT: 15.299 min Scan# 2000
 Delta R.T. -0.014 min
 Lab File: BN032492.D
 Acq: 05 Jul 2024 02:34

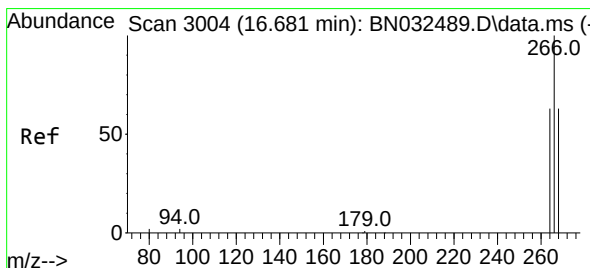
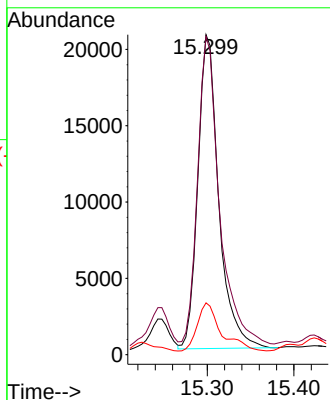
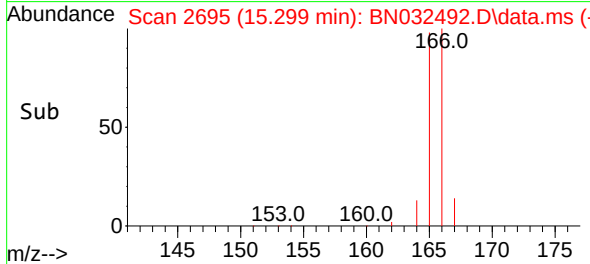
Instrument :
 BNA_N
 ClientSampleId :
 A4CS4MS



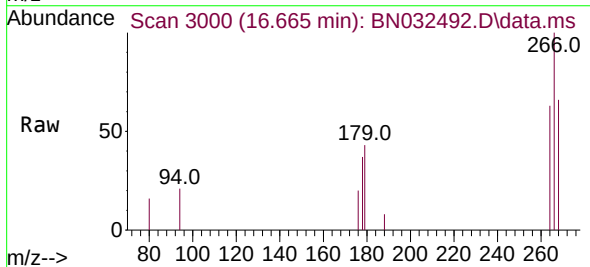
Tgt Ion:166 Resp: 34439
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.0 118.6
 167 16.2 11.0 16.6

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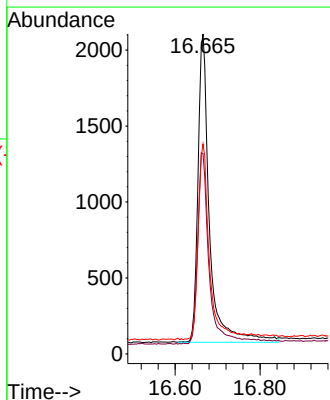
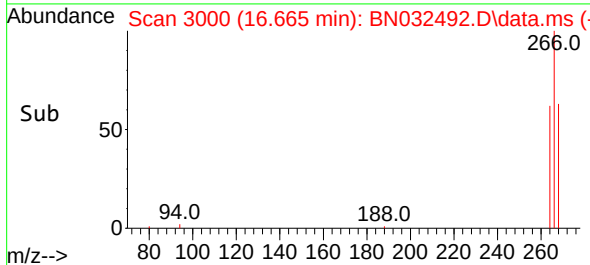
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

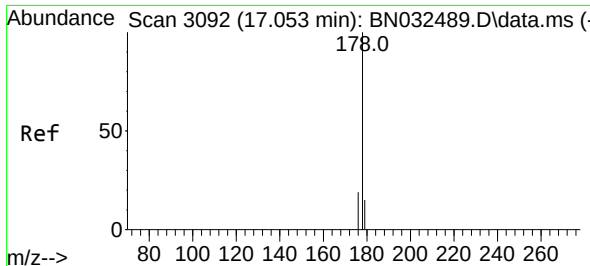


#14
 Pentachlorophenol
 Concen: 0.656 ng/ul
 RT: 16.665 min Scan# 3000
 Delta R.T. -0.009 min
 Lab File: BN032492.D
 Acq: 05 Jul 2024 02:34



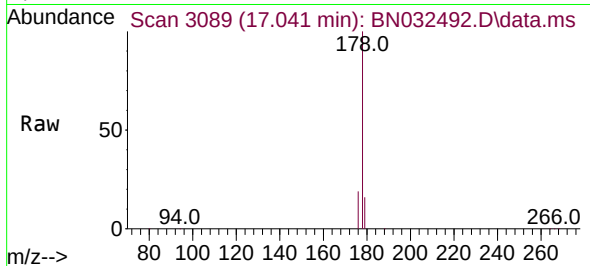
Tgt Ion:266 Resp: 3831
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.9 74.9
 268 65.0 52.4 78.6





#15
Phenanthrene
Concen: 7.462 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.009 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

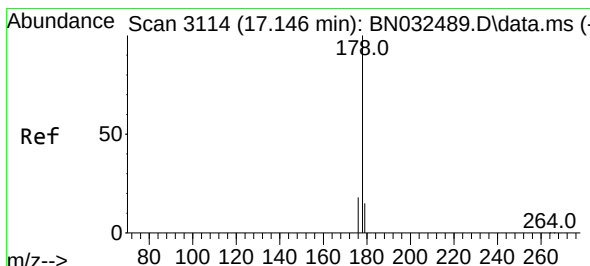
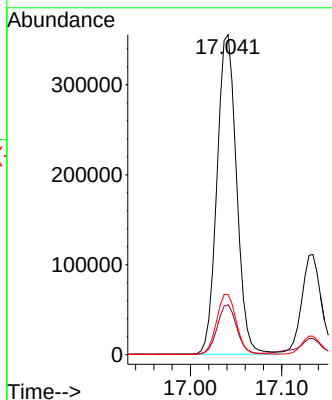
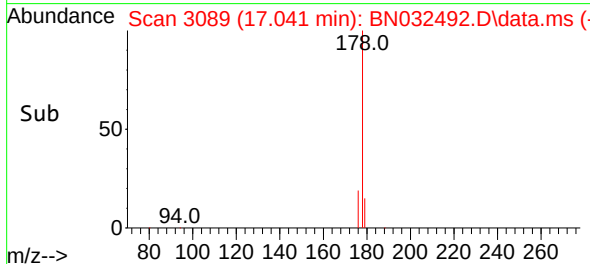
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



Tgt Ion:178 Resp: 528302
Ion Ratio Lower Upper
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179 15.6 12.6 18.8
176 18.8 15.6 23.4

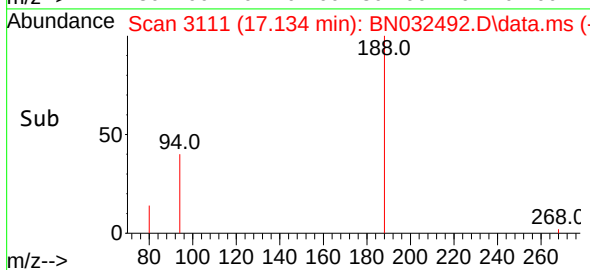
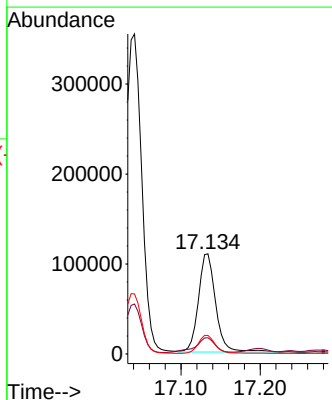
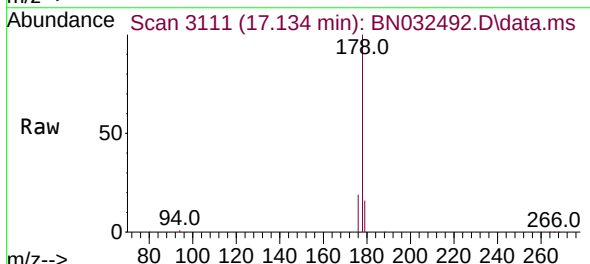
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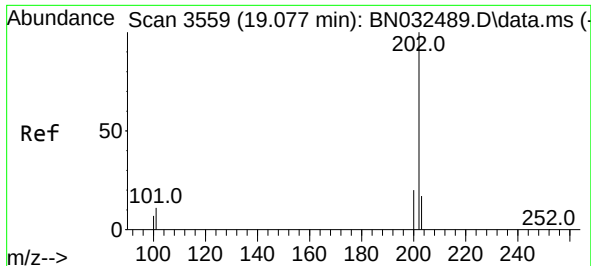
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 2.620 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

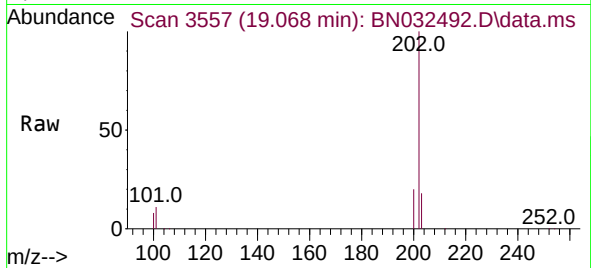
Tgt Ion:178 Resp: 165476
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 12.439 ng/u1
RT: 19.068 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

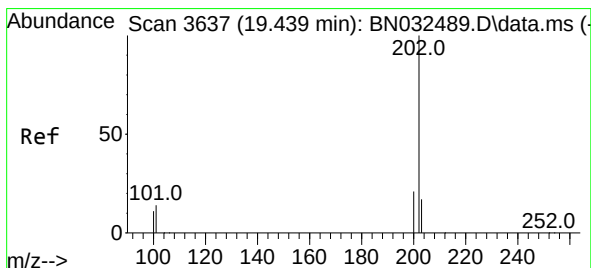
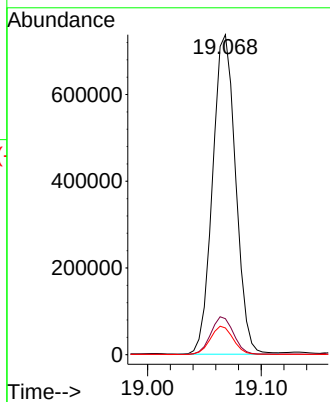
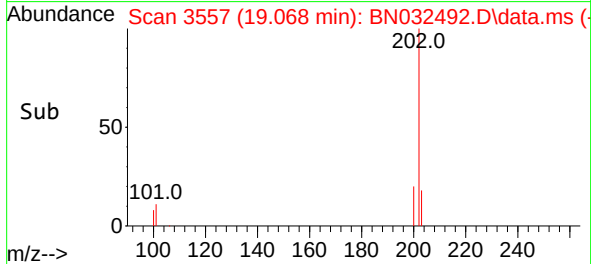
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



Tgt Ion:202 Resp: 103976
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.4 9.6

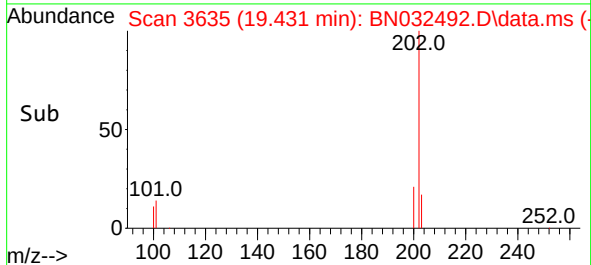
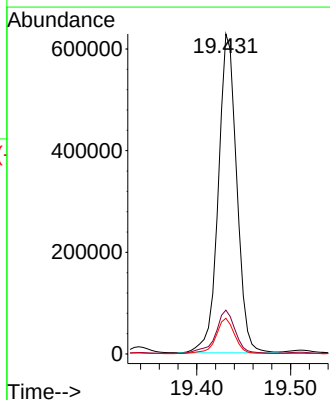
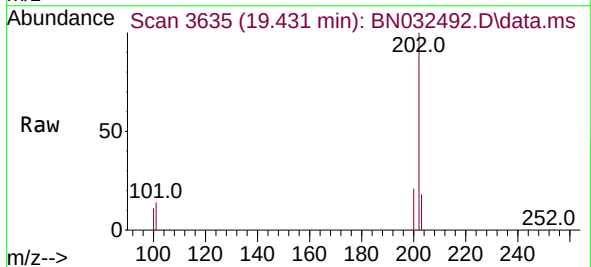
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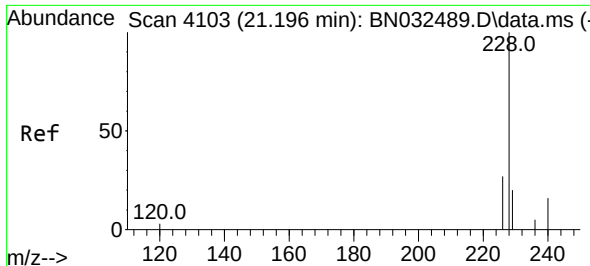
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 9.809 ng/u1
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

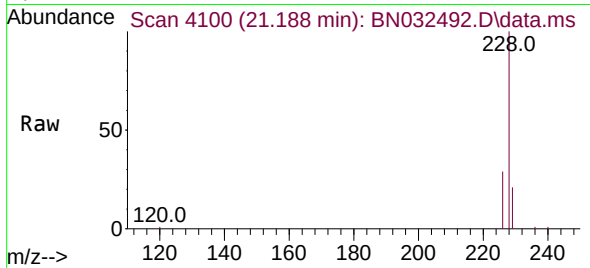
Tgt Ion:202 Resp: 856901
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 11.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 7.507 ng/ul
RT: 21.188 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

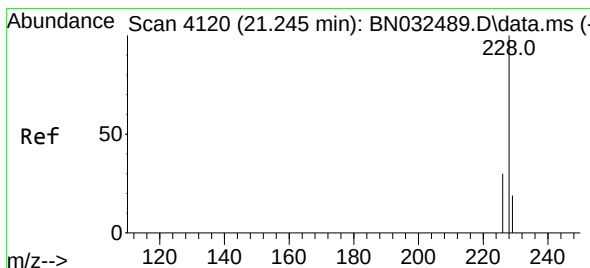
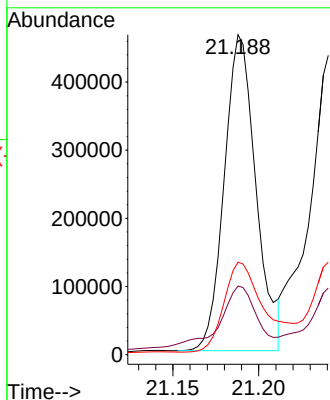
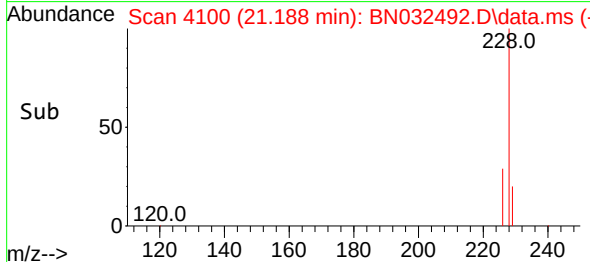
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



Tgt Ion:228 Resp: 594808
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.9 21.8 32.8

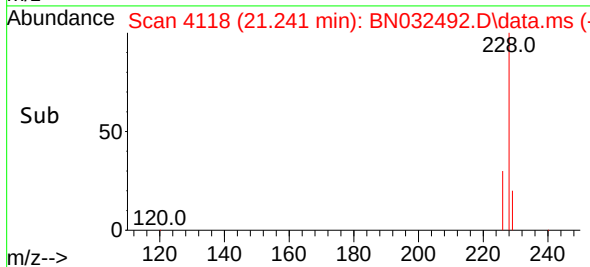
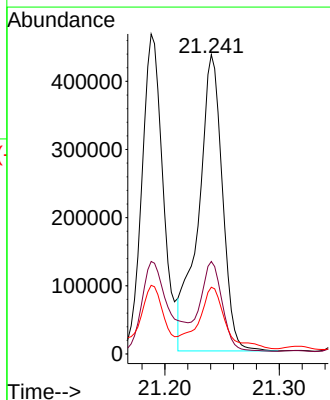
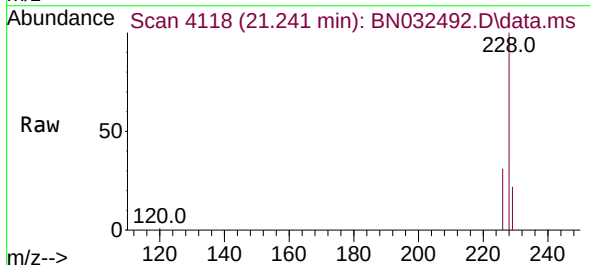
Manual Integrations
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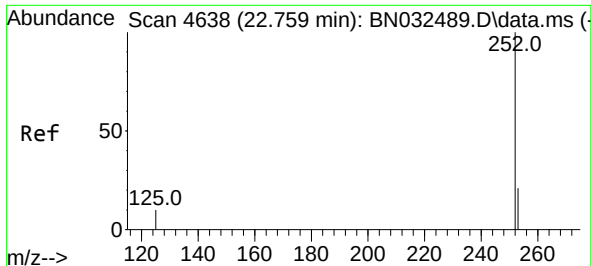
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 7.314 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

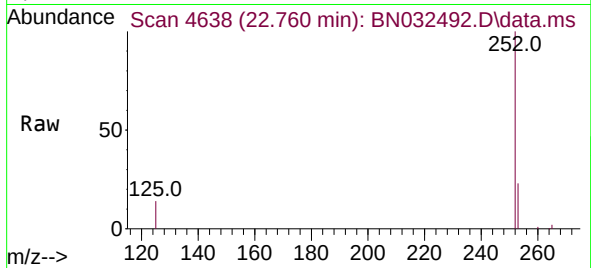
Tgt Ion:228 Resp: 636023
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 6.728 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

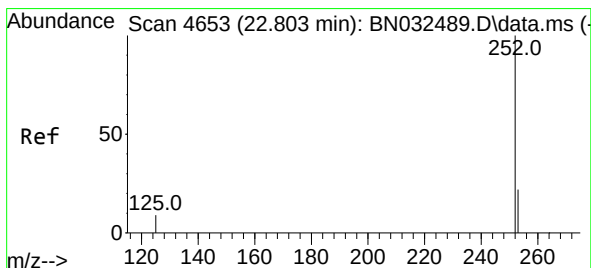
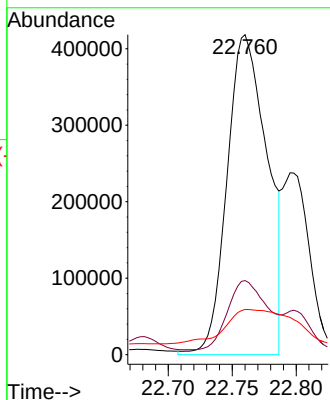
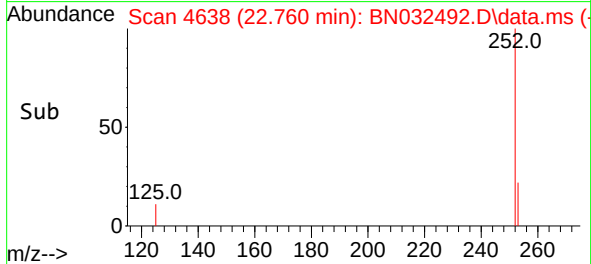
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



Tgt Ion:252 Resp: 912710
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 14.1 0.0 32.0

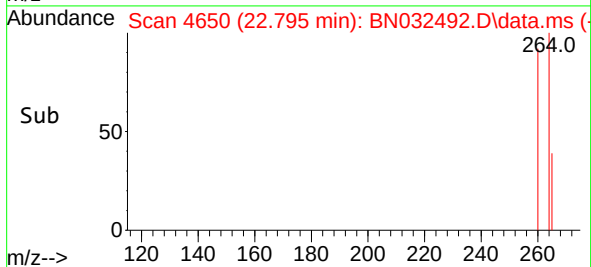
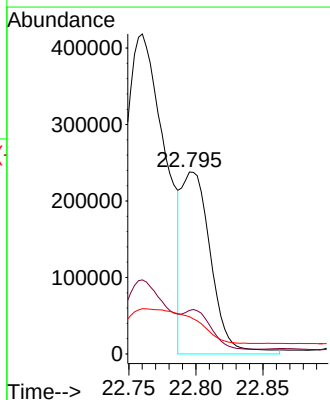
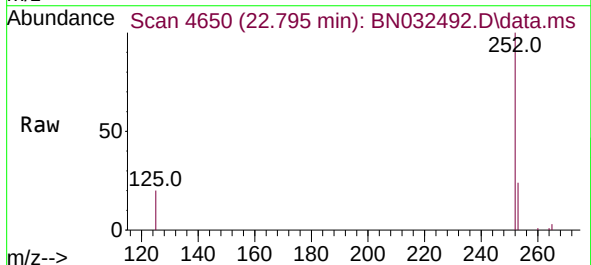
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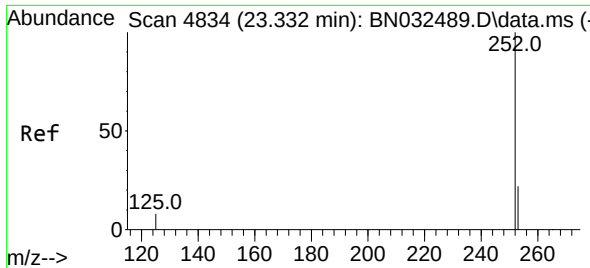
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.753 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

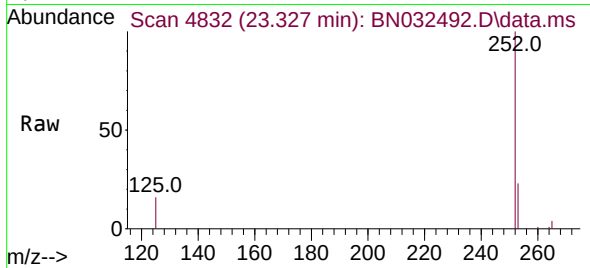
Tgt Ion:252 Resp: 362840
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 20.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 4.353 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.000 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

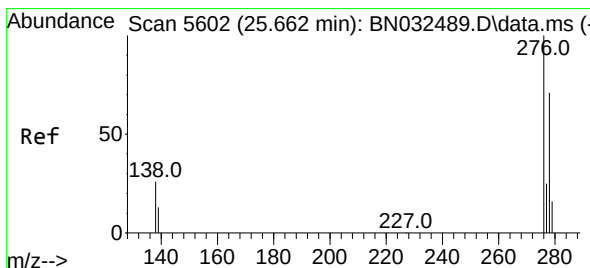
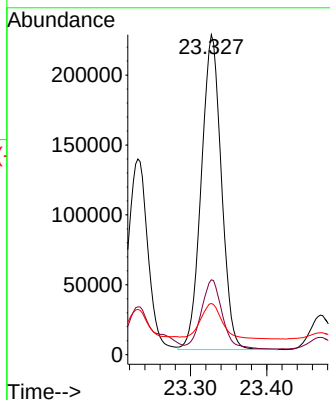
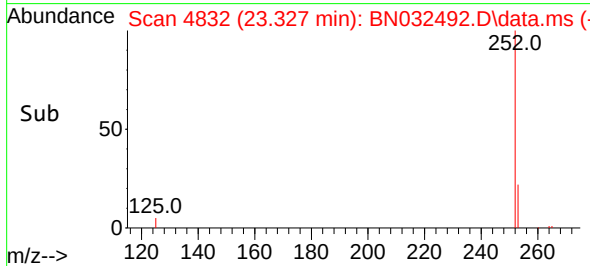
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



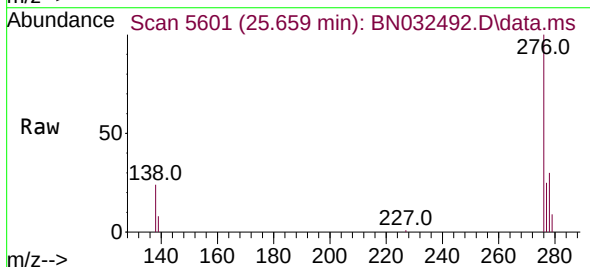
Tgt Ion:252 Resp: 410904
Ion Ratio Lower Upper
252 100
253 23.4 22.2 33.2
125 16.0 16.4 24.6

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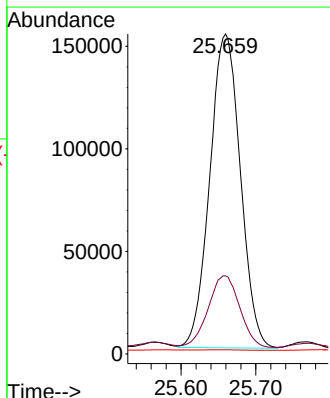
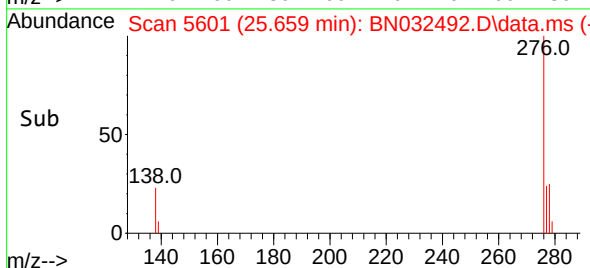
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

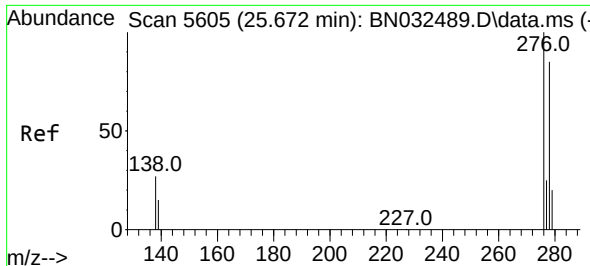


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.945 ng/ul
RT: 25.659 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34



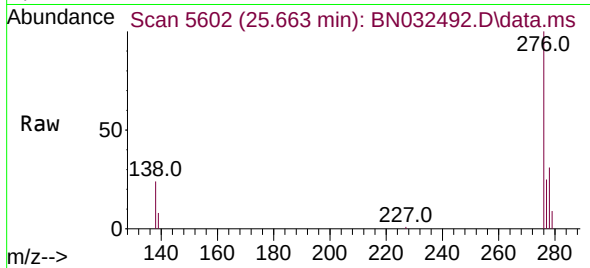
Tgt Ion:276 Resp: 435200
Ion Ratio Lower Upper
276 100
138 23.7 21.3 31.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.431 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.003 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34

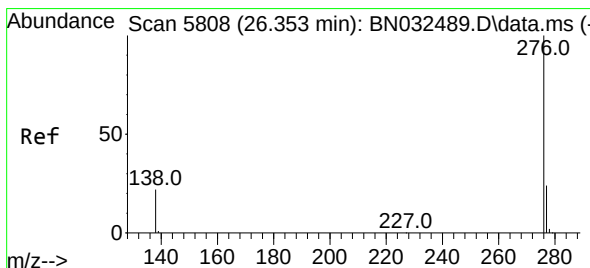
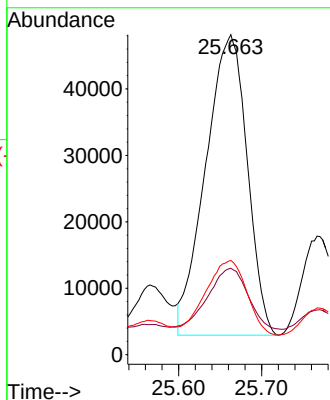
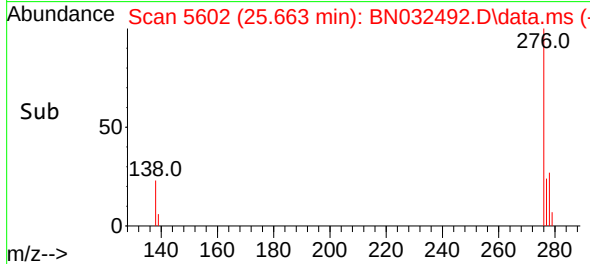
Instrument :
BNA_N
ClientSampleId :
A4CS4MS



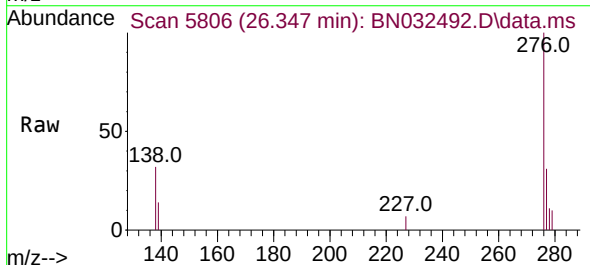
Tgt Ion:278 Resp: 15715
Ion Ratio Lower Upper
278 100
139 27.0 15.9 23.9
279 29.5 21.1 31.7

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.573 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032492.D
Acq: 05 Jul 2024 02:34



Tgt Ion:276 Resp: 67419
Ion Ratio Lower Upper
276 100
138 31.8 19.8 29.6#
277 30.8 19.8 29.6#

