

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028695.D
 Acq On : 17 Nov 2023 10:52
 Operator : MA/JU
 Sample : 05338-21MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM5MS

Quant Time: Nov 17 11:32:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4938m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.501	136	20707	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.321	164	14992	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	26338	0.400	ng/ul	-0.02
17) Chrysene-d12	21.290	240	22892	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	20571	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2101	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	6059	0.194	ng/ul	-0.02
18) Fluoranthene-d10	19.113	212	29280	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	10443	1.731	ng/ul#	89
5) Naphthalene	10.545	128	13603	0.234	ng/ul#	94
7) 2-Methylnaphthalene	12.173	142	6462	0.169	ng/ul	99
8) 1-Methylnaphthalene	12.365	142	9321	0.240	ng/ul	99
10) Acenaphthylene	14.048	152	20579	0.275	ng/ul	97
11) Acenaphthene	14.386	153	16241	0.295	ng/ul	99
12) Fluorene	15.390	166	15930	0.249	ng/ul	98
14) Pentachlorophenol	16.732	266	5501	0.870	ng/ul	100
15) Phenanthrene	17.124	178	27122	0.335	ng/ul	98
16) Anthracene	17.225	178	18357	0.247	ng/ul	97
19) Fluoranthene	19.146	202	37922	0.390	ng/ul	97
20) Pyrene	19.508	202	42663	0.423	ng/ul	98
21) Benzo(a)anthracene	21.276	228	24726	0.273	ng/ul	99
22) Chrysene	21.328	228	30490	0.345	ng/ul	99
24) Benzo(b)fluoranthene	22.886	252	25258	0.327	ng/ul	89
25) Benzo(k)fluoranthene	22.930	252	30841	0.381	ng/ul#	92
26) Benzo(a)pyrene	23.474	252	24654	0.338	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.925	276	28609	0.354	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.951	278	22587	0.349	ng/ul	95
29) Benzo(g,h,i)perylene	26.629	276	25609	0.386	ng/ul	97

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

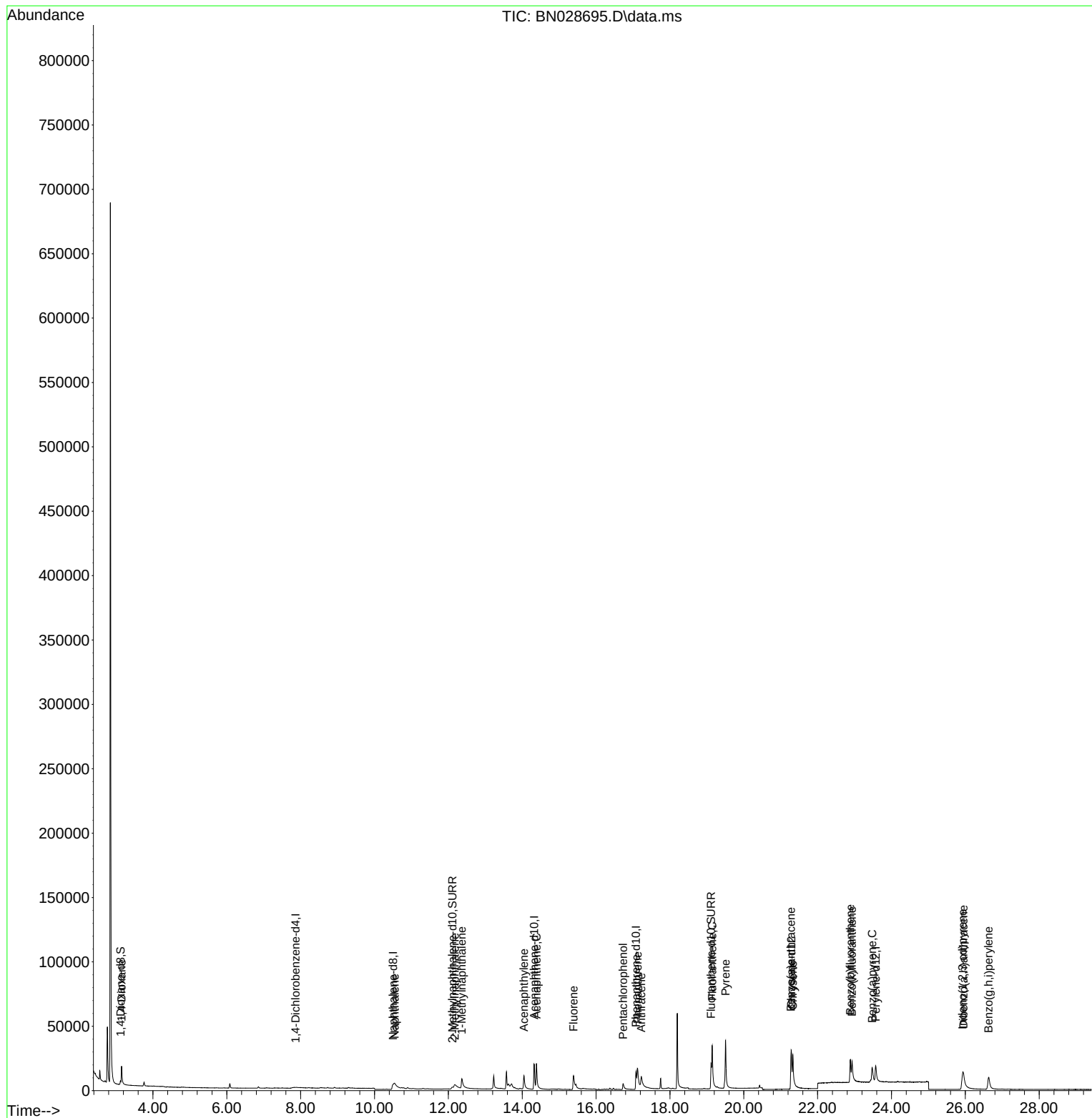
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028695.D
Acq On : 17 Nov 2023 10:52
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ALS Vial : 64 Sample Multiplier: 1

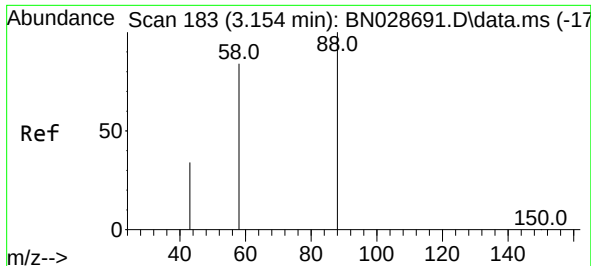
Instrument :
BNA_N
ClientSampleId :
GCDM5MS

Quant Time: Nov 17 11:32:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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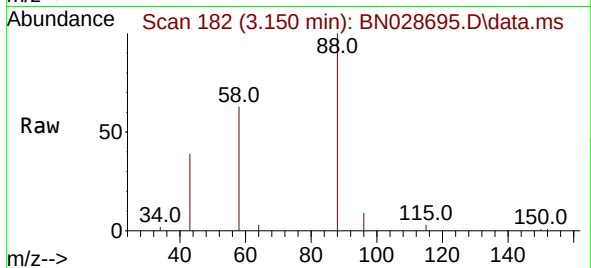
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 1.731 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

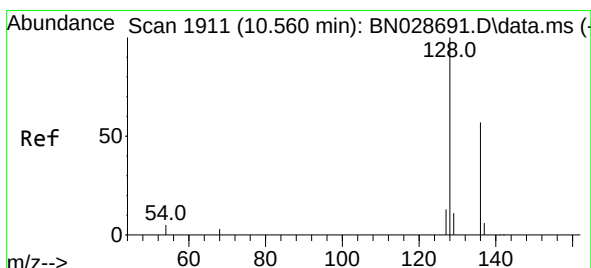
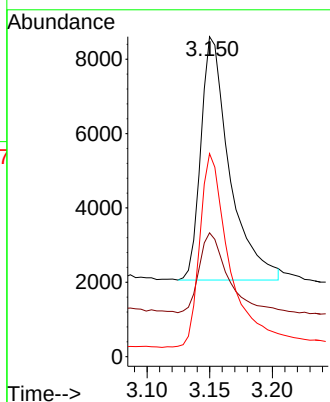
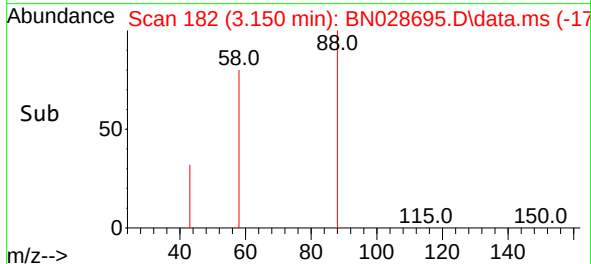
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



Tgt Ion: 88 Resp: 1044
Ion Ratio Lower Upper
88 100
43 38.7 32.9 49.3
58 63.5 41.8 62.8

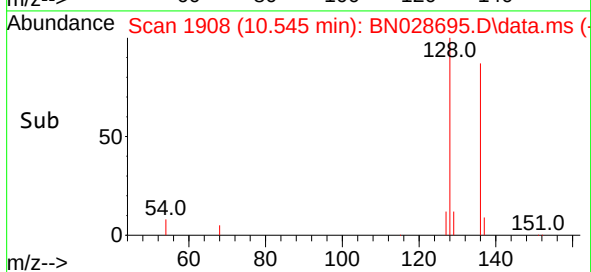
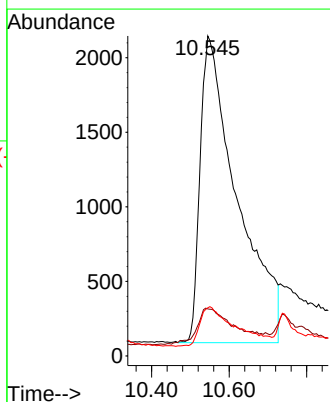
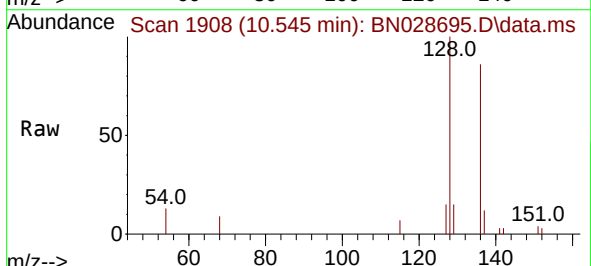
Manual Integrations
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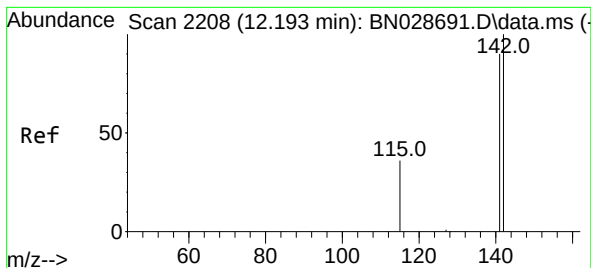
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.234 ng/ul
RT: 10.545 min Scan# 1908
Delta R.T. -0.015 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

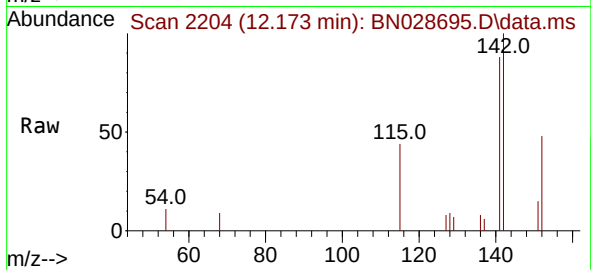
Tgt Ion:128 Resp: 13603
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8#
127 15.1 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.173 min Scan# 21
Delta R.T. -0.021 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

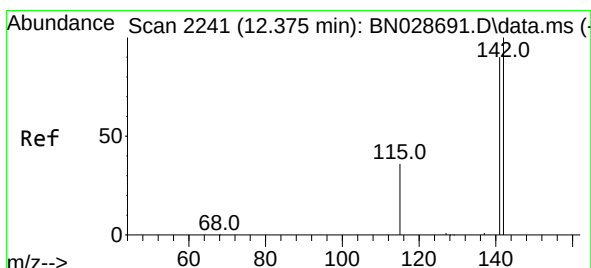
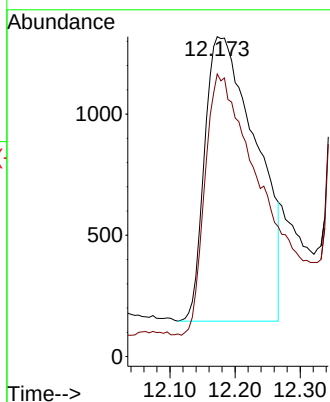
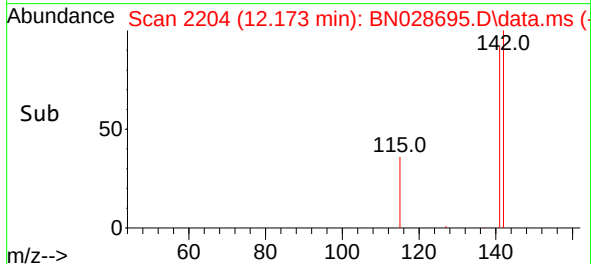
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



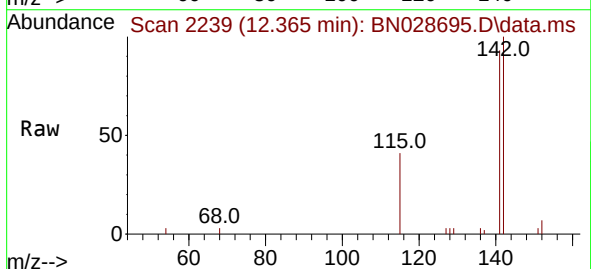
Tgt Ion:142 Resp: 6462
Ion Ratio Lower Upper
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141 89.7 70.8 106.2

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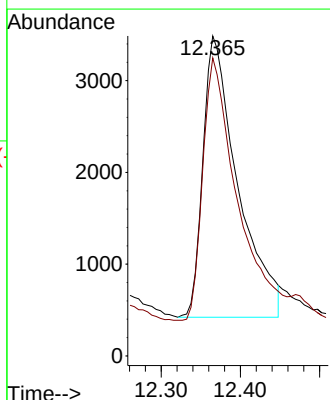
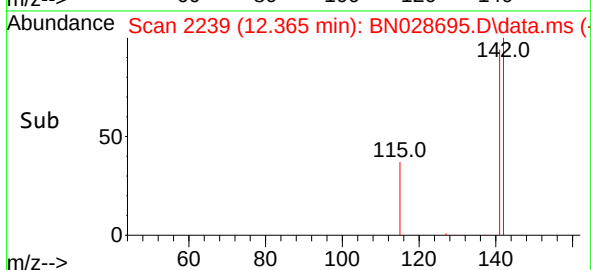
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

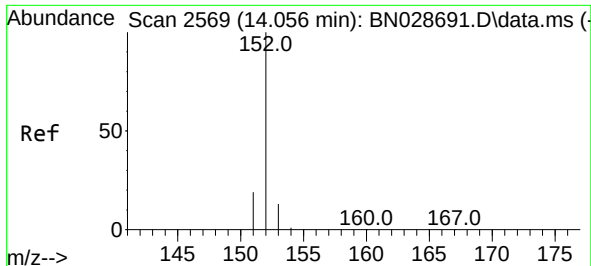


#8
1-Methylnaphthalene
Concen: 0.240 ng/ul
RT: 12.365 min Scan# 2239
Delta R.T. -0.010 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52



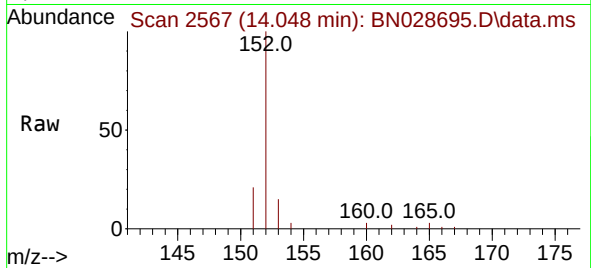
Tgt Ion:142 Resp: 9321
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1





#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.048 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

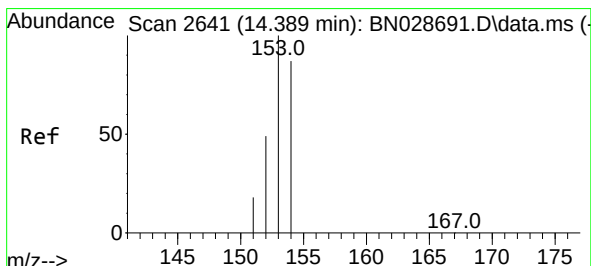
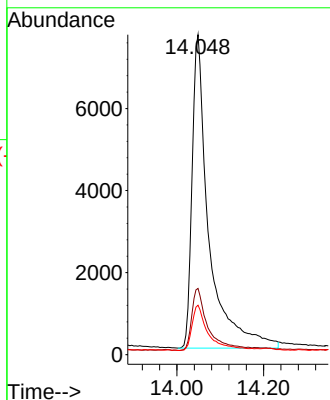
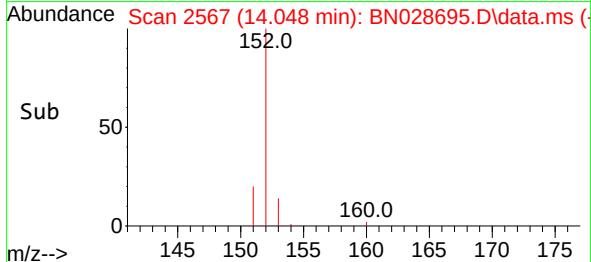
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



Tgt Ion:152 Resp: 20579
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 15.5 10.6 15.8

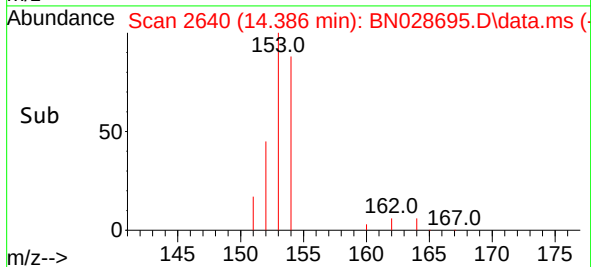
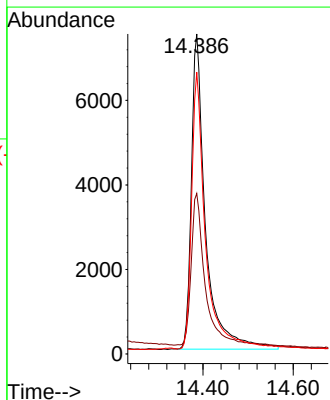
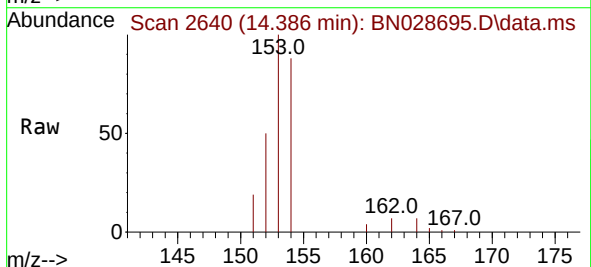
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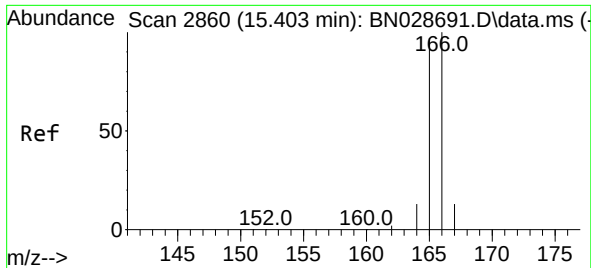
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.386 min Scan# 2640
Delta R.T. -0.003 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

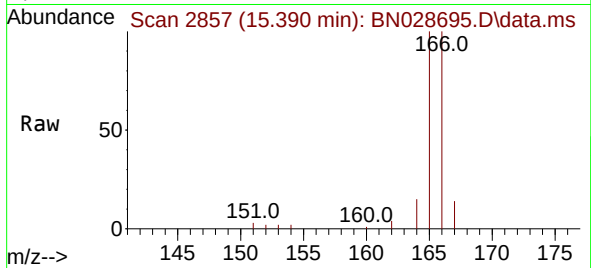
Tgt Ion:153 Resp: 16241
Ion Ratio Lower Upper
153 100
152 50.2 39.6 59.4
154 88.0 71.0 106.6





#12
Fluorene
Concen: 0.249 ng/ul
RT: 15.390 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

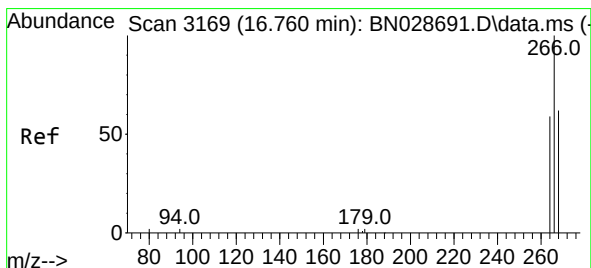
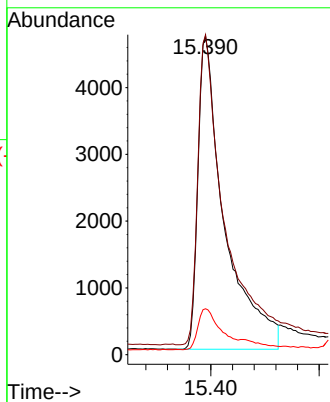
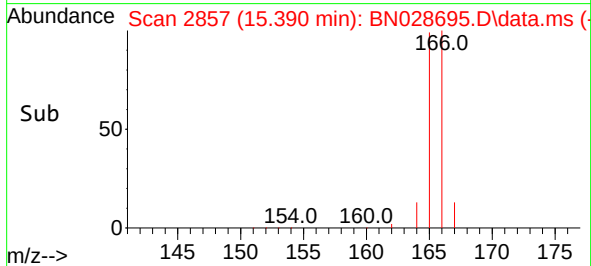
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



Tgt Ion:166 Resp: 15930
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 14.4 11.0 16.6

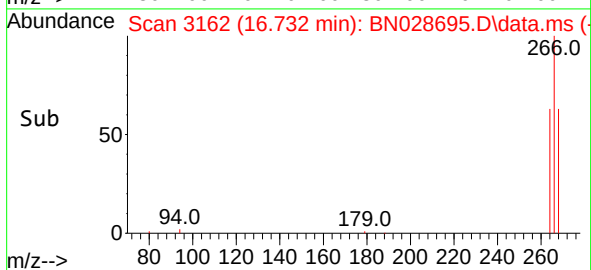
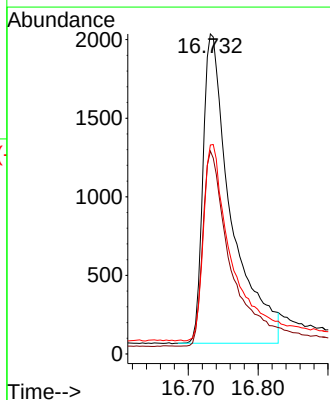
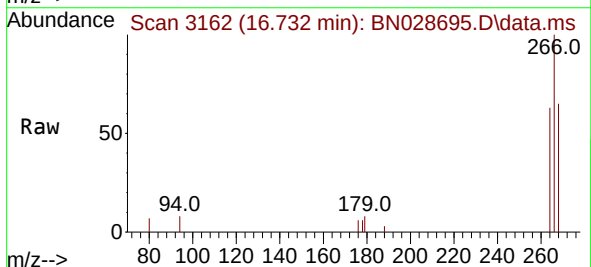
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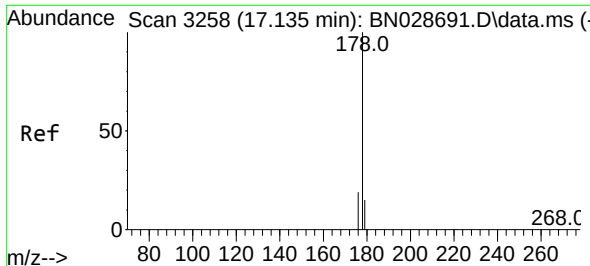
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.870 ng/ul
RT: 16.732 min Scan# 3162
Delta R.T. -0.028 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

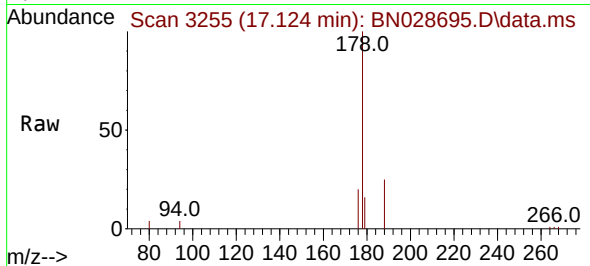
Tgt Ion:266 Resp: 5501
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 62.7 50.6 75.8





#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.124 min Scan# 31
Delta R.T. -0.011 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

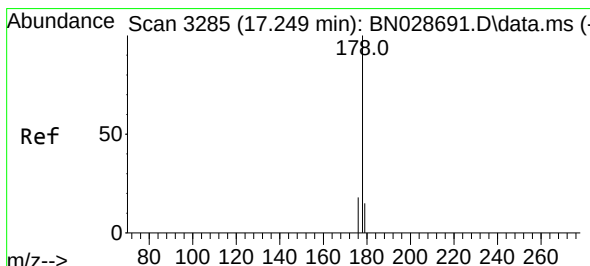
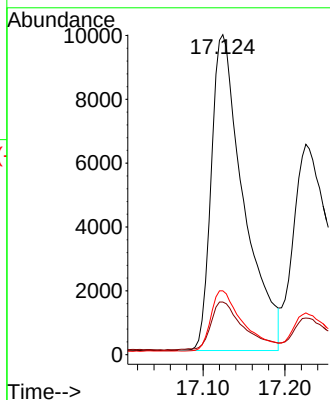
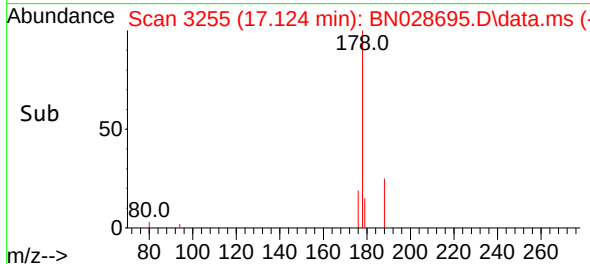
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



Tgt Ion:178 Resp: 2712
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 20.0 15.4 23.2

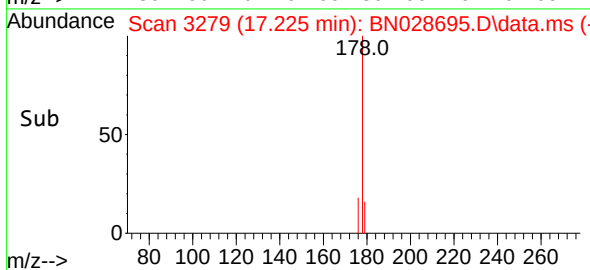
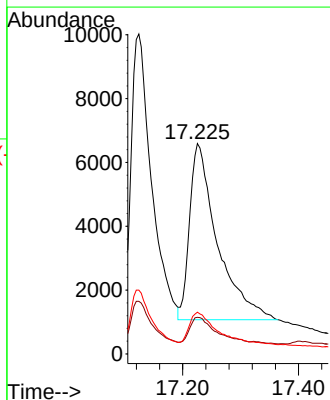
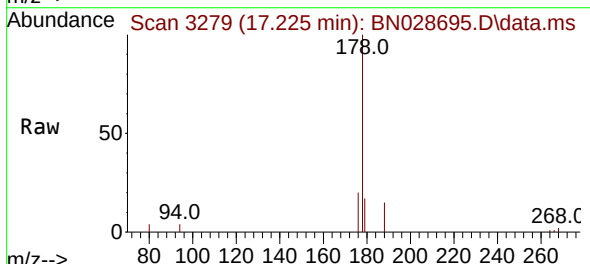
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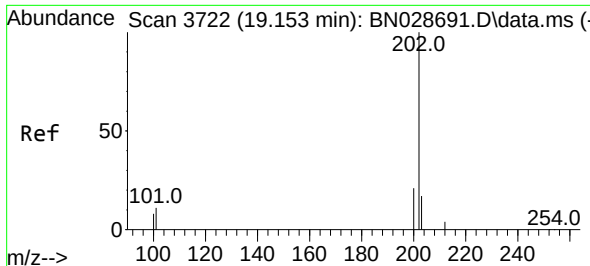
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.247 ng/ul
RT: 17.225 min Scan# 3279
Delta R.T. -0.024 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

Tgt Ion:178 Resp: 18357
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 19.9 14.9 22.3





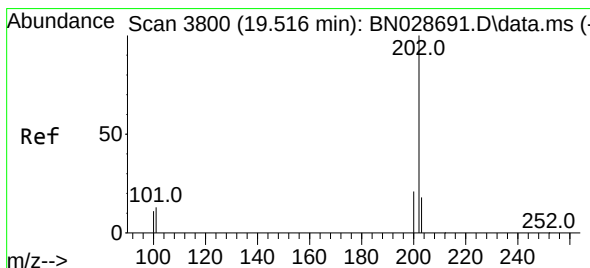
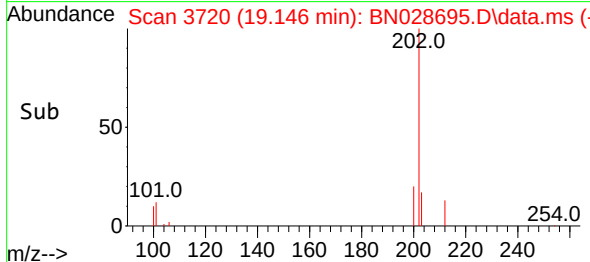
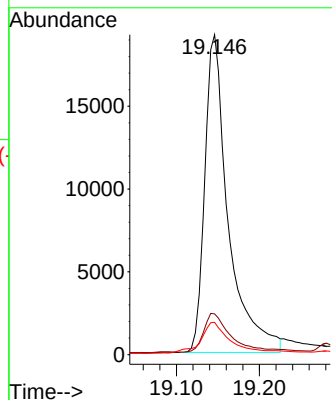
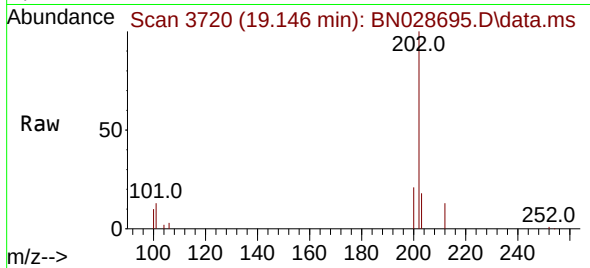
#19
Fluoranthene
Concen: 0.390 ng/u1
RT: 19.146 min Scan# 3722
Delta R.T. -0.007 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

Instrument :
BNA_N
ClientSampleId :
GCDM5MS

Tgt Ion:202 Resp: 3792
Ion Ratio Lower Upper
202 100
101 12.8 9.5 14.3
100 10.1 7.2 10.8

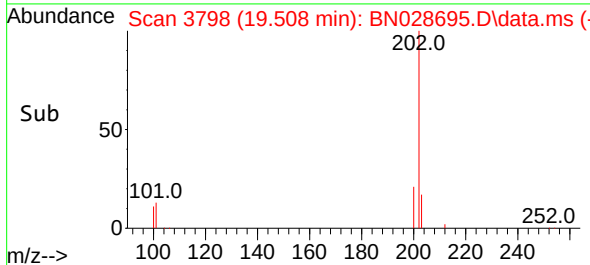
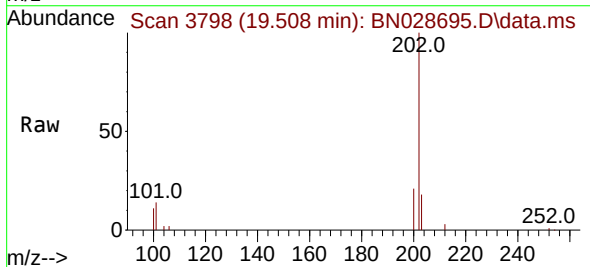
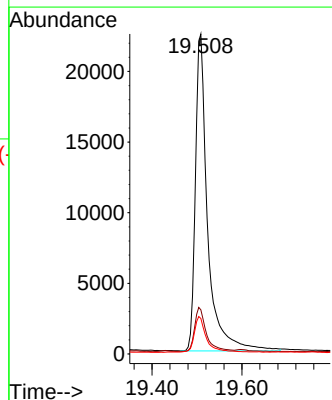
Manual Integrations
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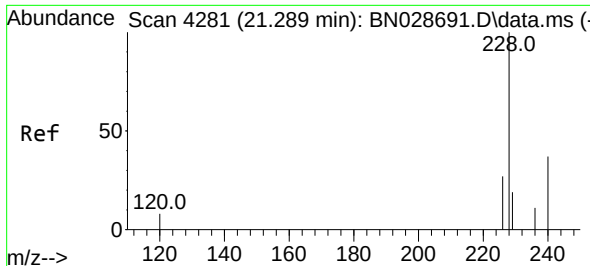
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.423 ng/u1
RT: 19.508 min Scan# 3798
Delta R.T. -0.007 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

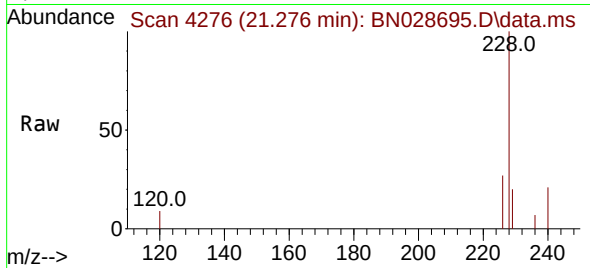
Tgt Ion:202 Resp: 42663
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.1 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.273 ng/ul
RT: 21.276 min Scan# 4276
Delta R.T. -0.013 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

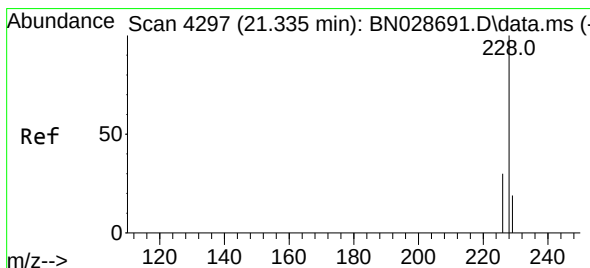
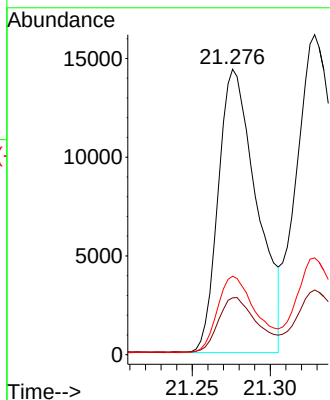
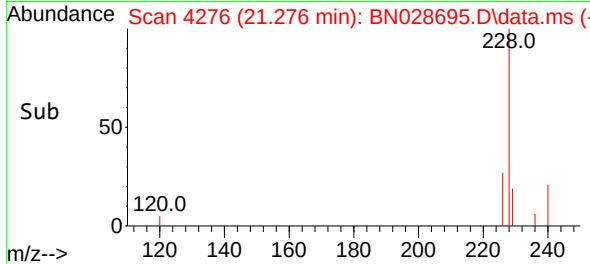
Instrument :
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ClientSampleId :
GCDM5MS



Tgt Ion:228 Resp: 24720
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.5 21.4 32.0

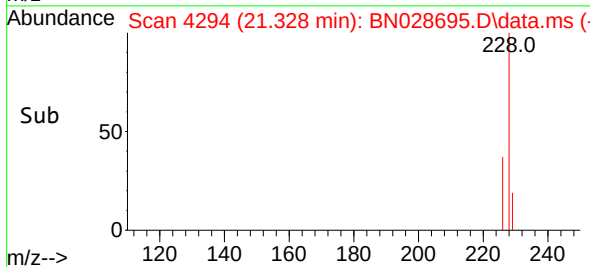
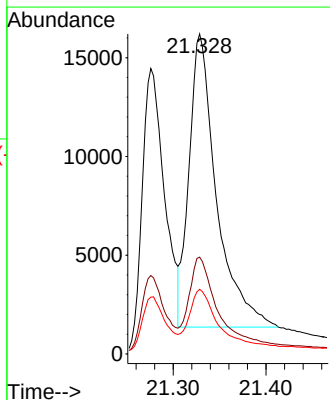
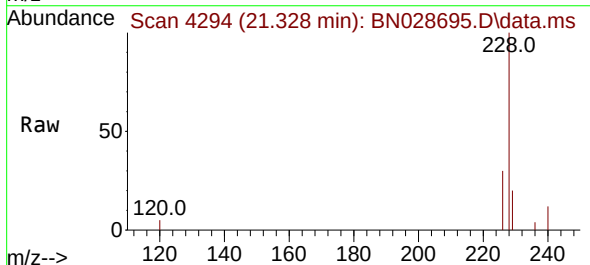
Manual Integrations
APPROVED

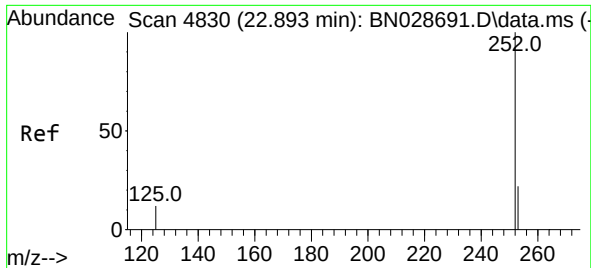
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.328 min Scan# 4294
Delta R.T. -0.007 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

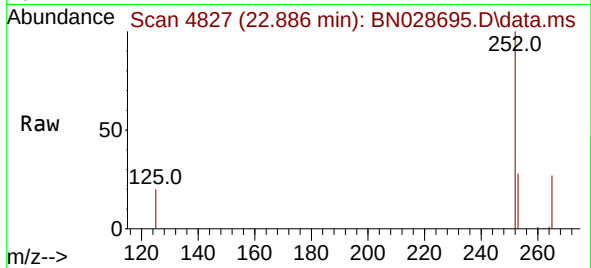
Tgt Ion:228 Resp: 30490
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.2 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 22.886 min Scan# 4827
Delta R.T. -0.007 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

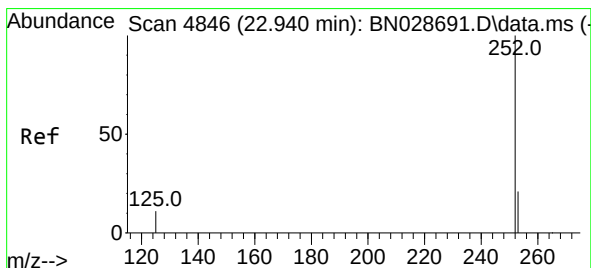
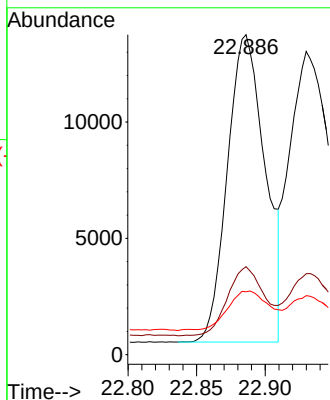
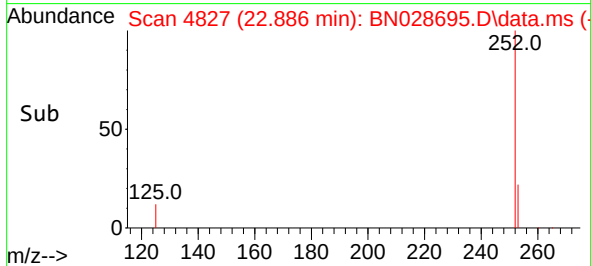
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



Tgt Ion:252 Resp: 25258
Ion Ratio Lower Upper
252 100
253 27.5 0.0 46.6
125 19.6 0.0 27.6

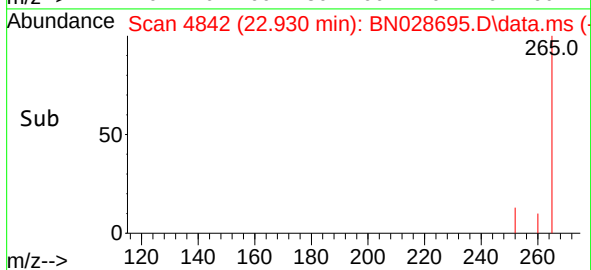
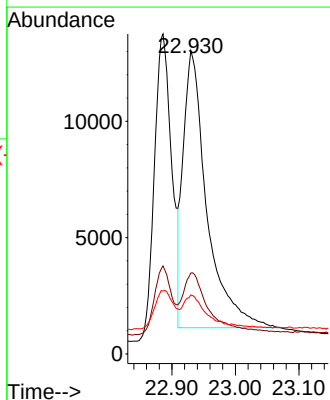
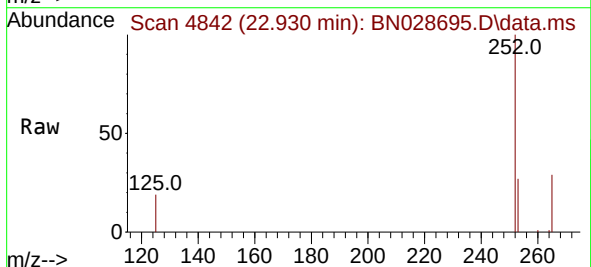
Manual Integrations
APPROVED

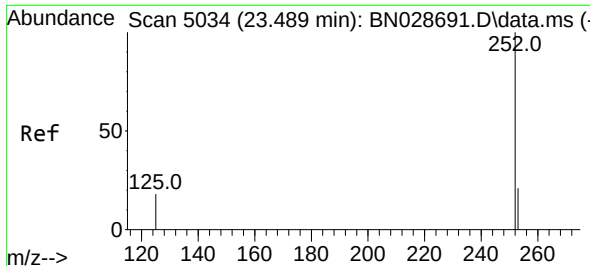
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 22.930 min Scan# 4842
Delta R.T. -0.010 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

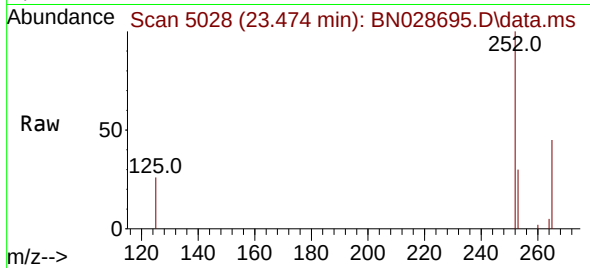
Tgt Ion:252 Resp: 30841
Ion Ratio Lower Upper
252 100
253 26.7 18.6 28.0
125 19.5 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.474 min Scan# 5034
Delta R.T. -0.016 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

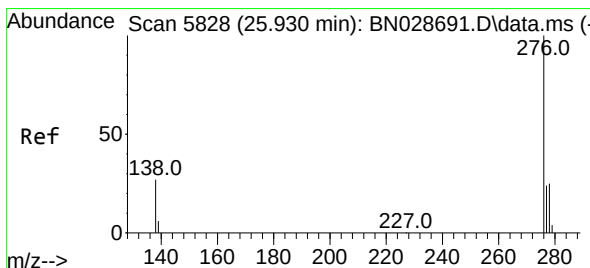
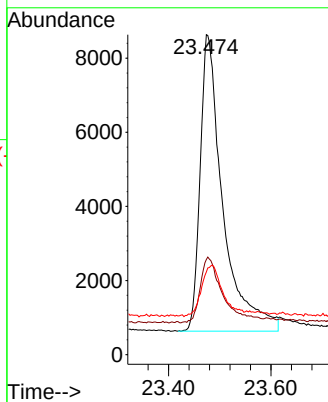
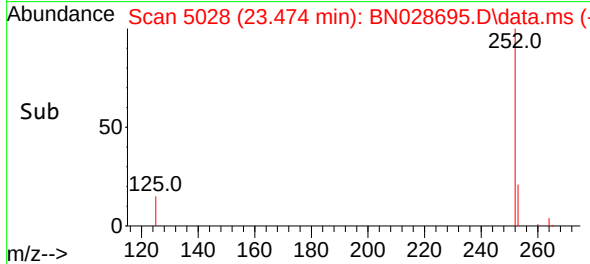
Instrument :
BNA_N
ClientSampleId :
GCDM5MS



Tgt Ion:252 Resp: 24654
Ion Ratio Lower Upper
252 100
253 29.7 19.0 28.6
125 25.9 13.2 19.8

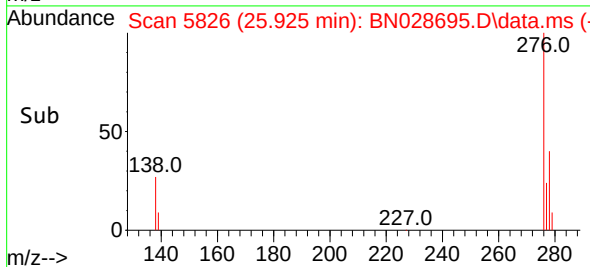
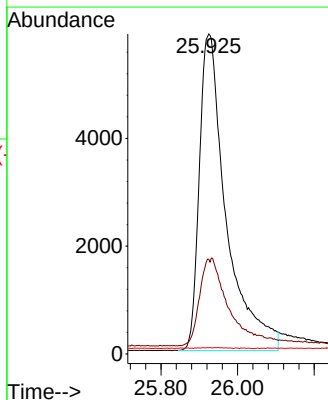
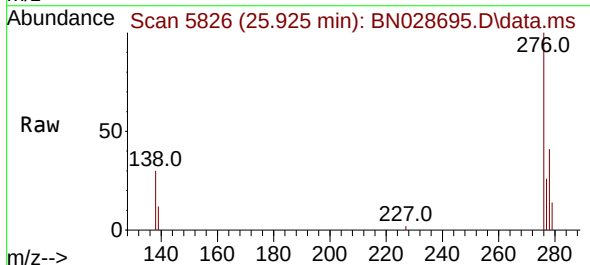
Manual Integrations
APPROVED

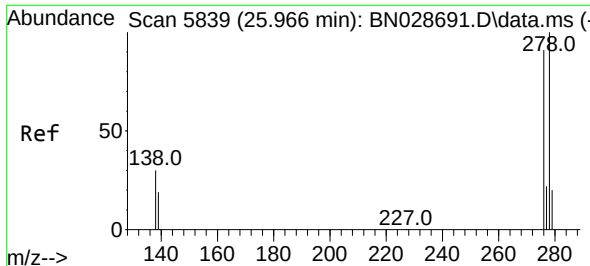
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 25.925 min Scan# 5826
Delta R.T. -0.005 min
Lab File: BN028695.D
Acq: 17 Nov 2023 10:52

Tgt Ion:276 Resp: 28609
Ion Ratio Lower Upper
276 100
138 30.5 23.8 35.6
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.349 ng/ul

RT: 25.951 min Scan# 5839

Delta R.T. -0.015 min

Lab File: BN028695.D

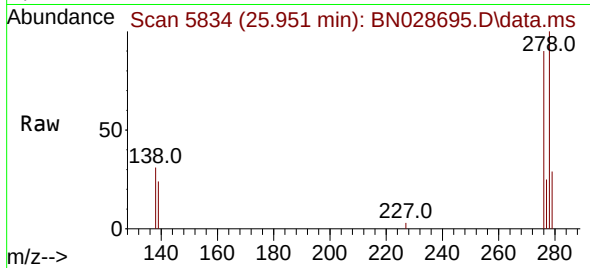
Acq: 17 Nov 2023 10:52

Instrument :

BNA_N

ClientSampleId :

GCDM5MS



Tgt Ion:278 Resp: 2258

Ion Ratio Lower Upper

278 100

139 24.2 18.2 27.4

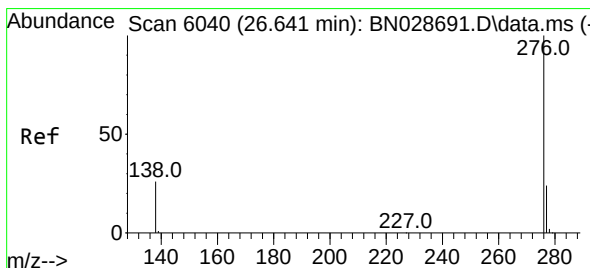
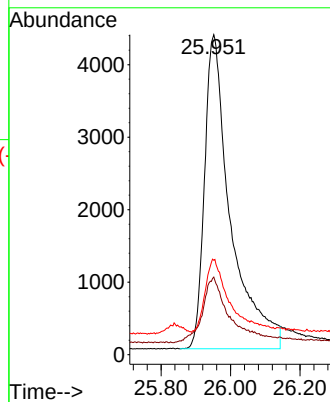
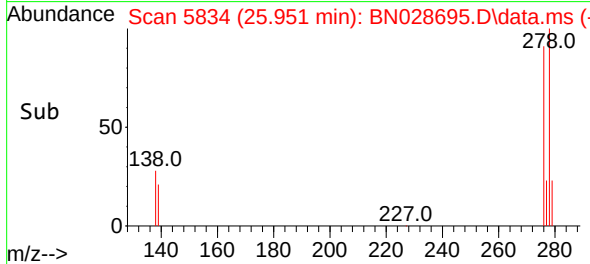
279 29.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023



#29

Benzo(g,h,i)perylene

Concen: 0.386 ng/ul

RT: 26.629 min Scan# 6036

Delta R.T. -0.012 min

Lab File: BN028695.D

Acq: 17 Nov 2023 10:52

Tgt Ion:276 Resp: 25609

Ion Ratio Lower Upper

276 100

138 27.6 20.5 30.7

277 25.0 19.4 29.0

