

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028635.D
 Acq On : 15 Nov 2023 19:34
 Operator : MA/JU
 Sample : PB157056BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS056

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 13:50:49 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 : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	6087m	0.400	ng/ul	0.05
4) Naphthalene-d8	10.481	136	19159	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.327	164	15873	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.087	188	22980	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	23998	0.400	ng/ul	# 0.00
23) Perylene-d12	23.587	264	23158	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	5616m	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.103	152	5268	0.183	ng/ul	0.04
18) Fluoranthene-d10	19.124	212	21780	0.282	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.148	88	13650	1.836	ng/ul#	83
5) Naphthalene	10.530	128	15638	0.291	ng/ul	97
7) 2-Methylnaphthalene	12.169	142	6066	0.171	ng/ul	97
8) 1-Methylnaphthalene	12.367	142	10970	0.305	ng/ul	99
10) Acenaphthylene	14.049	152	17995	0.227	ng/ul	98
11) Acenaphthene	14.392	153	15636	0.268	ng/ul	99
12) Fluorene	15.391	166	13567	0.200	ng/ul	99
14) Pentachlorophenol	16.754	266	2266	0.411	ng/ul	99
15) Phenanthrene	17.129	178	20355	0.288	ng/ul	98
16) Anthracene	17.235	178	11344	0.175	ng/ul	95
19) Fluoranthene	19.152	202	28556	0.280	ng/ul	100
20) Pyrene	19.514	202	32688	0.309	ng/ul	97
21) Benzo(a)anthracene	21.287	228	19114	0.201	ng/ul	99
22) Chrysene	21.336	228	24867	0.268	ng/ul	99
24) Benzo(b)fluoranthene	22.897	252	23713	0.273	ng/ul	86
25) Benzo(k)fluoranthene	22.944	252	28445	0.313	ng/ul#	91
26) Benzo(a)pyrene	23.493	252	22630	0.276	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.941	276	29267	0.321	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.971	278	21808	0.300	ng/ul#	93
29) Benzo(g,h,i)perylene	26.655	276	26097	0.350	ng/ul	98

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

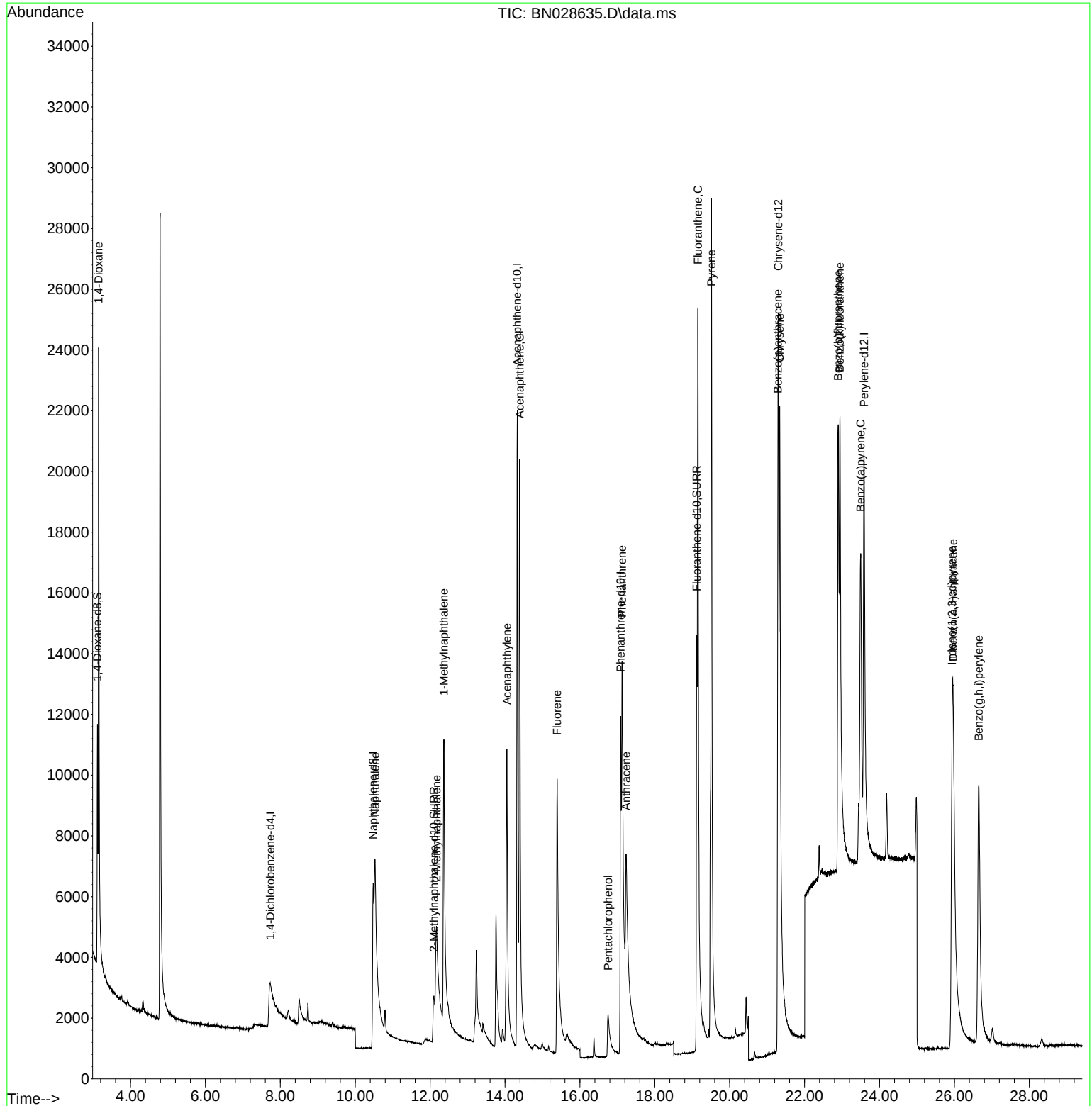
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028635.D
Acq On : 15 Nov 2023 19:34
Operator : MA/JU
Sample : PB157056BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

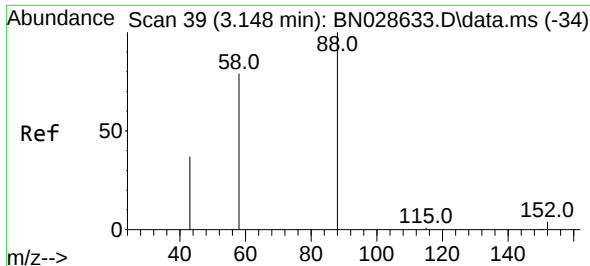
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Supervised By :mohammad ahmed 11/20/2023

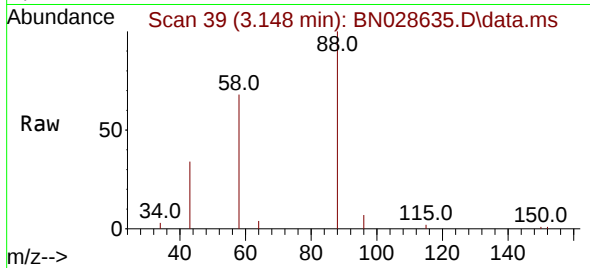
Quant Time: Nov 16 13:50:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.836 ng/ul
RT: 3.148 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

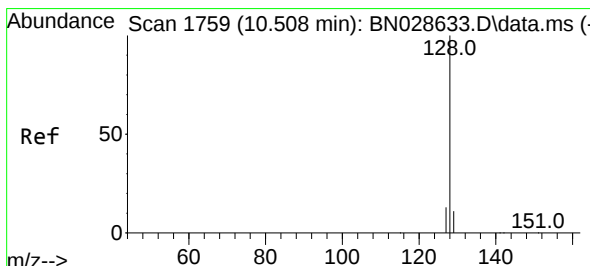
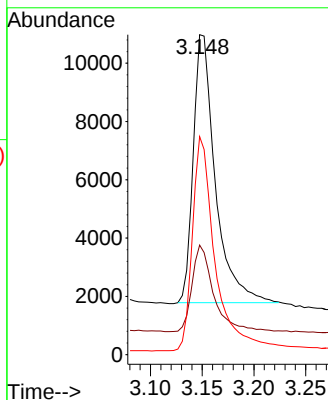
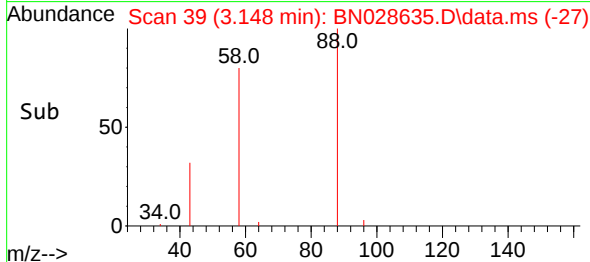
Instrument :
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ClientSampleId :
SLCS056



Tgt Ion: 88 Resp: 13650
Ion Ratio Lower Upper
88 100
43 34.2 32.9 49.3
58 68.2 41.8 62.8

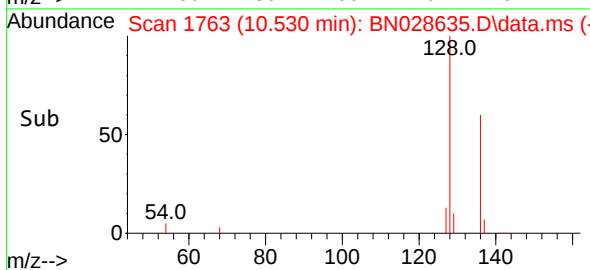
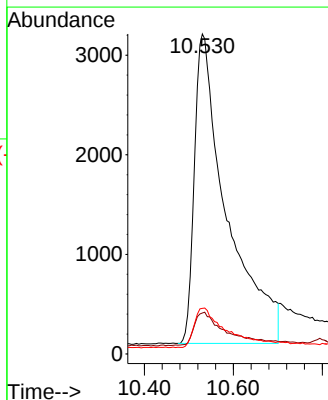
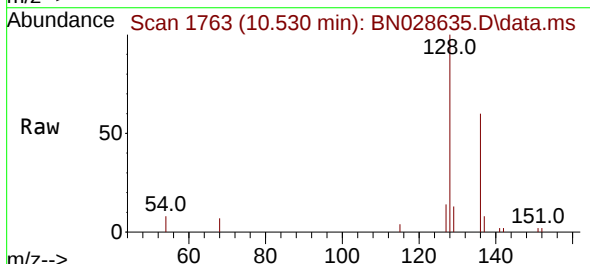
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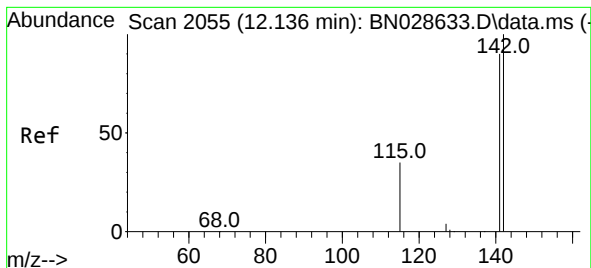
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. 0.022 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

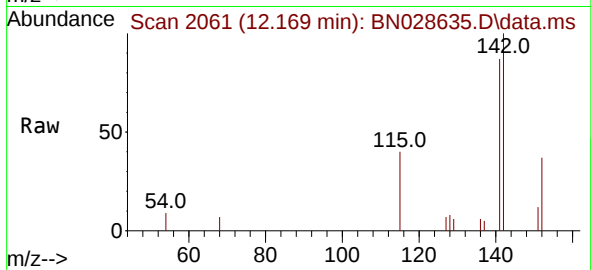
Tgt Ion:128 Resp: 15638
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 14.3 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.169 min Scan# 2061
Delta R.T. 0.033 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

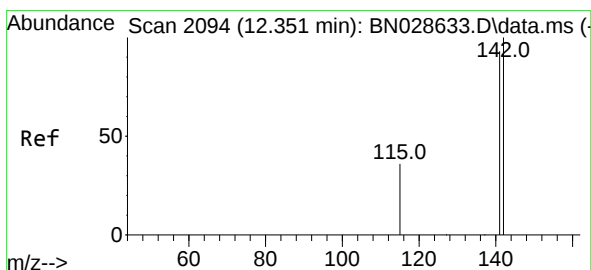
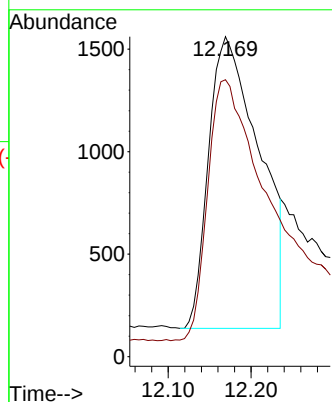
Instrument :
BNA_N
ClientSampleId :
SLCS056



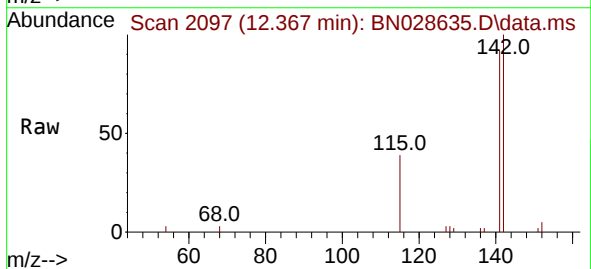
Tgt Ion:142 Resp: 6060
Ion Ratio Lower Upper
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141 91.2 70.8 106.2

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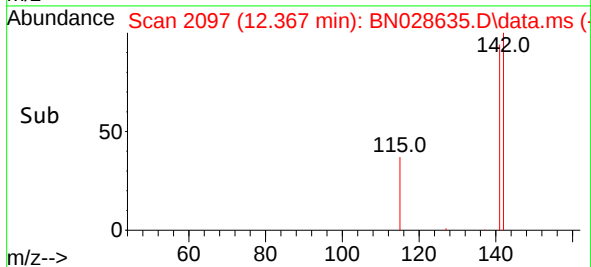
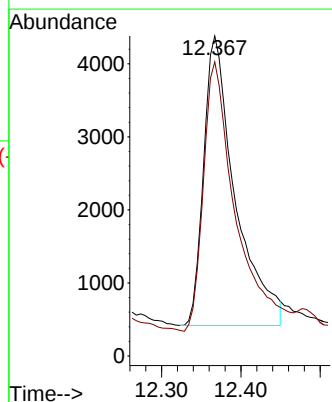
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

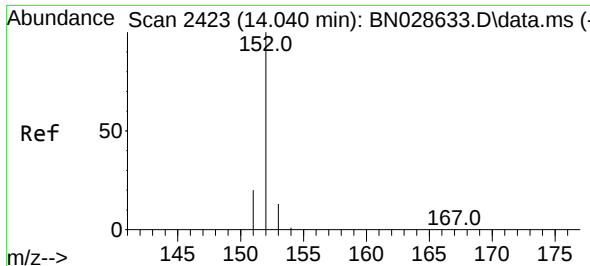


#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. 0.016 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



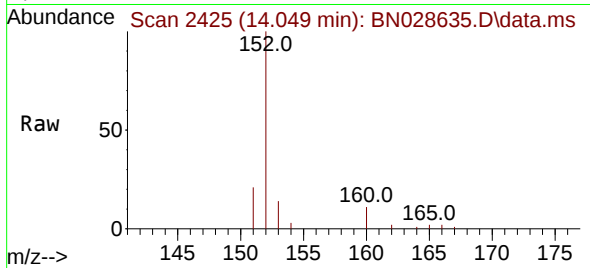
Tgt Ion:142 Resp: 10970
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.227 ng/ul
RT: 14.049 min Scan# 2423
Delta R.T. 0.009 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

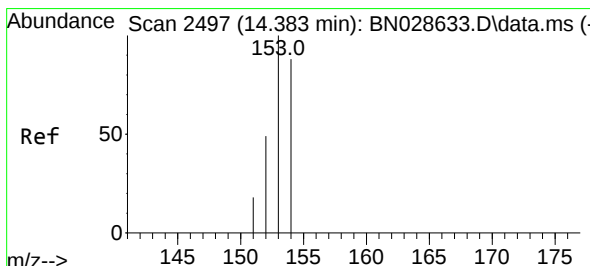
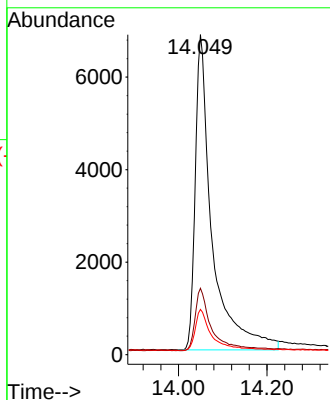
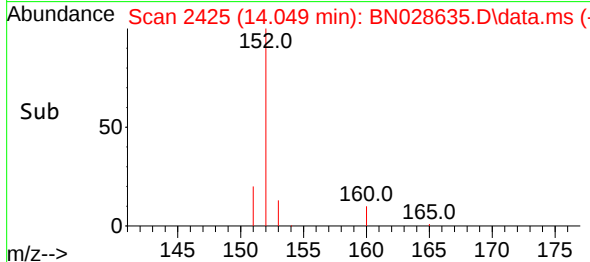
Instrument :
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Tgt Ion:152 Resp: 1799
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.1 10.6 15.8

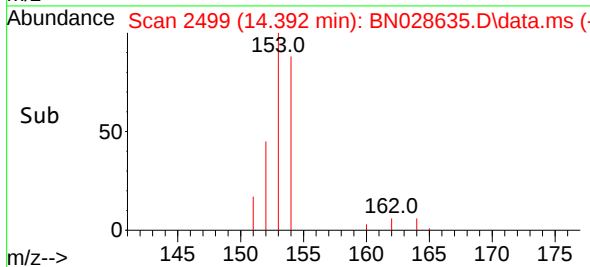
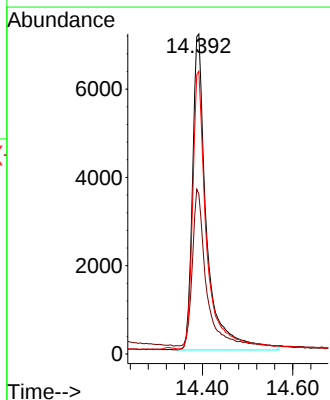
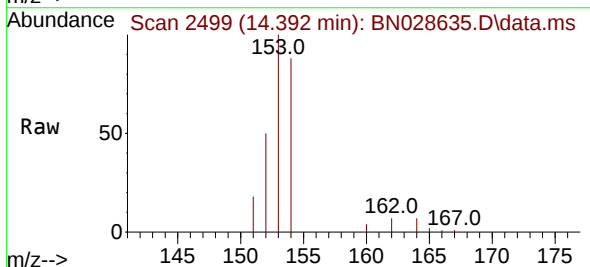
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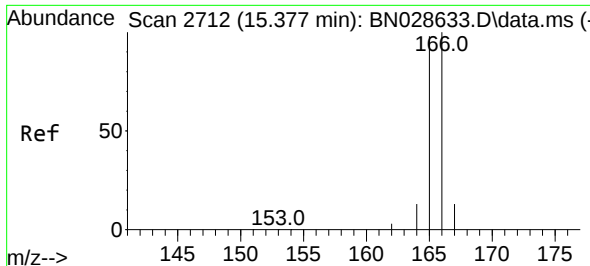
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.392 min Scan# 2499
Delta R.T. 0.009 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

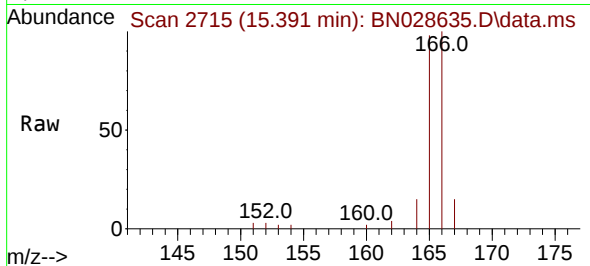
Tgt Ion:153 Resp: 15636
Ion Ratio Lower Upper
153 100
152 50.0 39.6 59.4
154 88.4 71.0 106.6





#12
Fluorene
Concen: 0.200 ng/ul
RT: 15.391 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

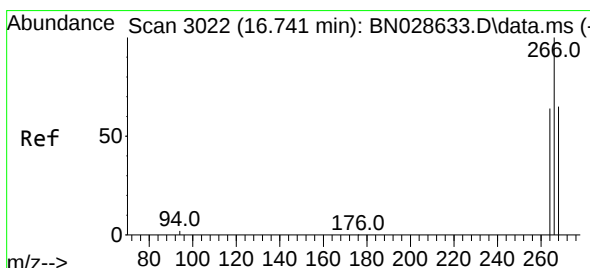
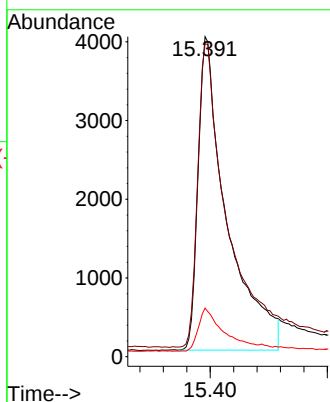
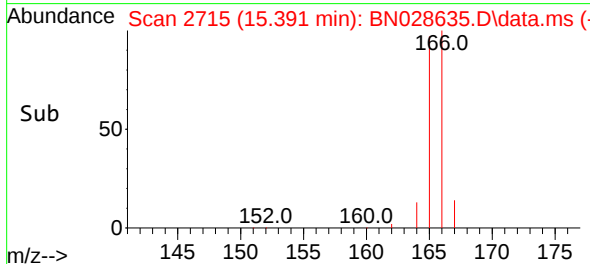
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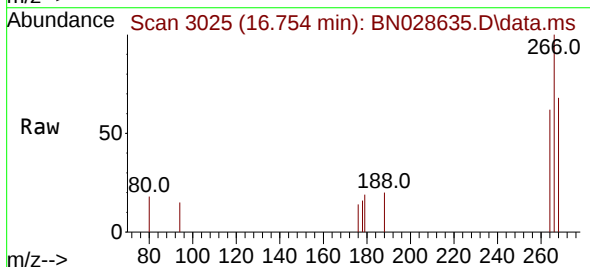
Tgt Ion:166 Resp: 1356
Ion Ratio Lower Upper
166 100
165 97.8 78.6 118.0
167 15.2 11.0 16.6

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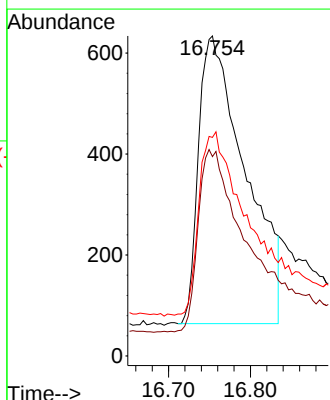
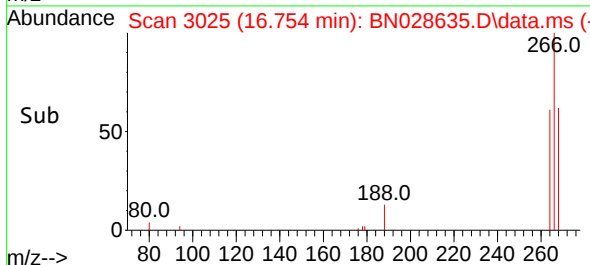
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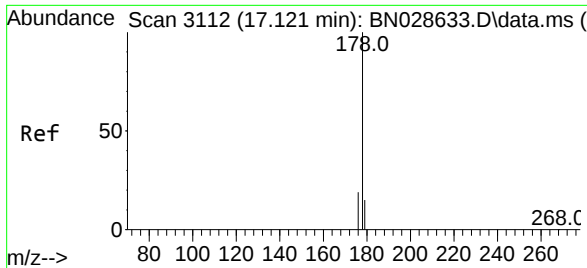


#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.754 min Scan# 3025
Delta R.T. 0.012 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



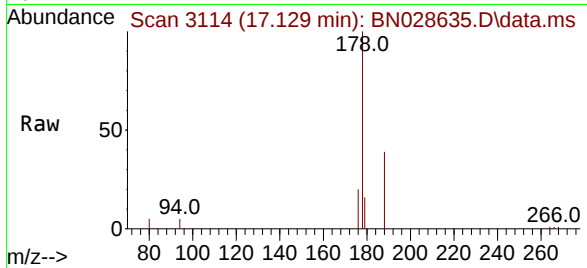
Tgt Ion:266 Resp: 2266
Ion Ratio Lower Upper
266 100
264 62.1 50.1 75.1
268 63.8 50.6 75.8





#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.129 min Scan# 3112
Delta R.T. 0.008 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

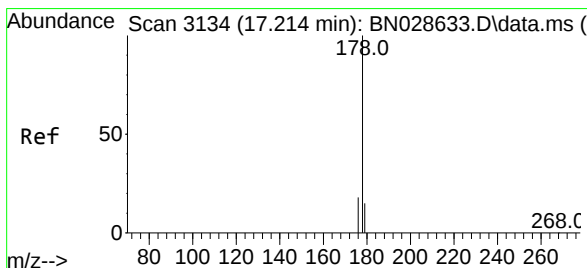
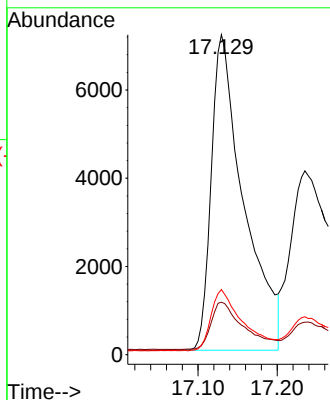
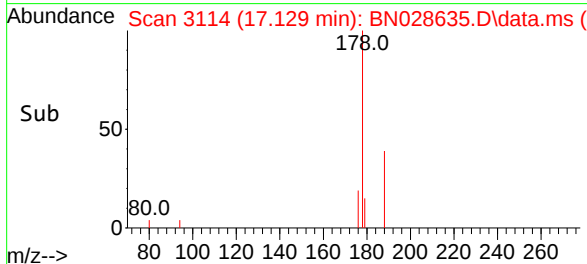
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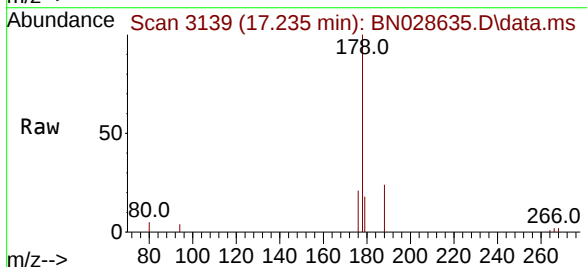
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Ion Ratio Lower Upper
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179 16.4 12.4 18.6
176 20.3 15.4 23.2

Manual Integrations
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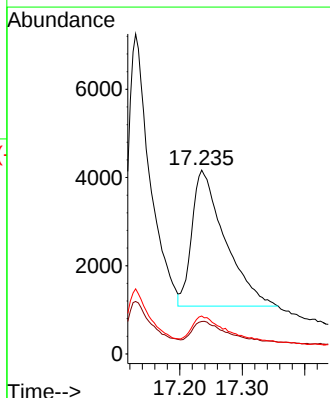
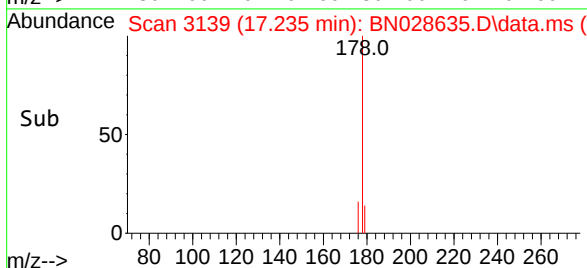
Reviewed By :Yogesh Patel 11/17/2023
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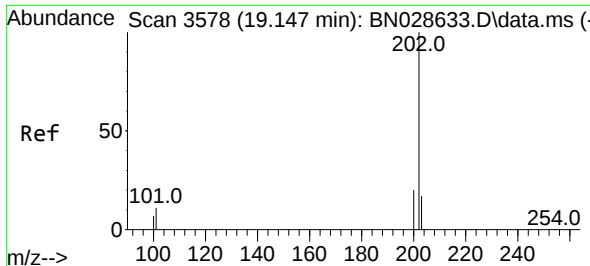


#16
Anthracene
Concen: 0.175 ng/ul
RT: 17.235 min Scan# 3139
Delta R.T. 0.021 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



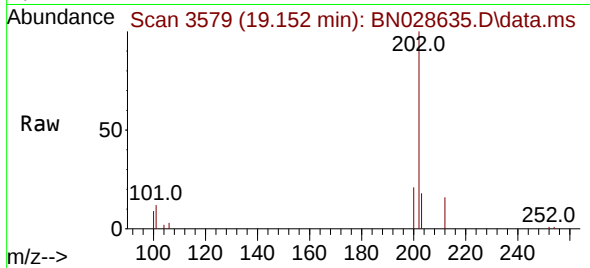
Tgt Ion:178 Resp: 11344
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 20.6 14.9 22.3





#19
Fluoranthene
Concen: 0.280 ng/u1
RT: 19.152 min Scan# 30
Delta R.T. 0.004 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

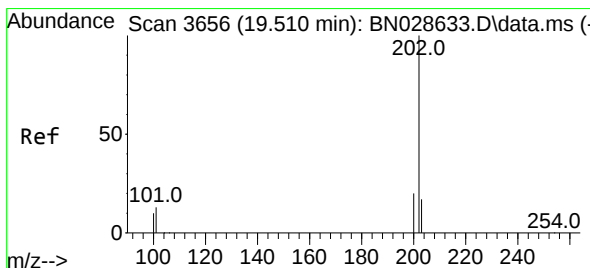
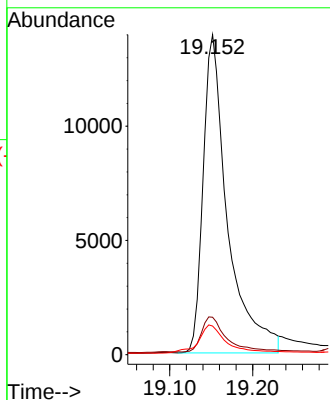
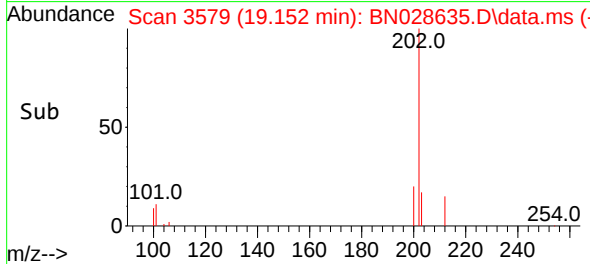
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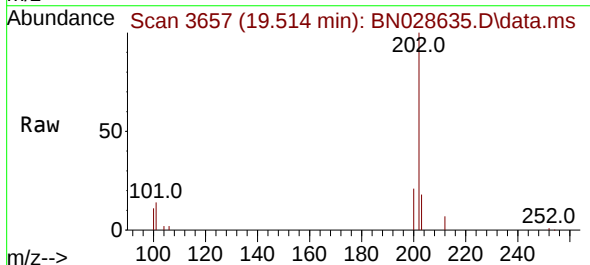
Tgt Ion:202 Resp: 28550
Ion Ratio Lower Upper
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101 11.7 9.5 14.3
100 9.0 7.2 10.8

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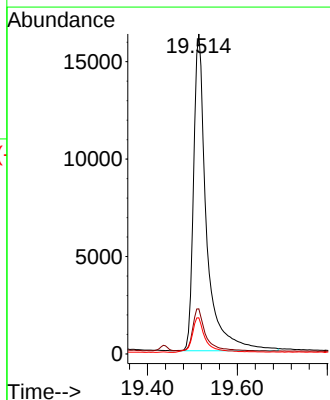
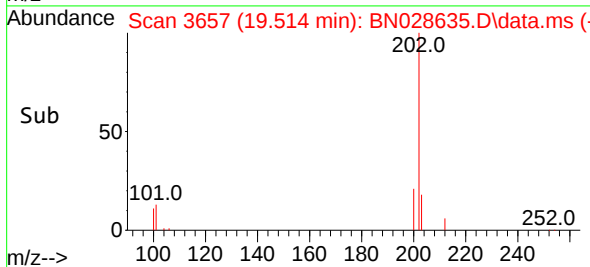
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

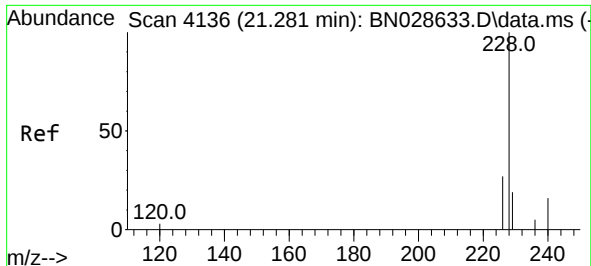


#20
Pyrene
Concen: 0.309 ng/u1
RT: 19.514 min Scan# 3657
Delta R.T. 0.004 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



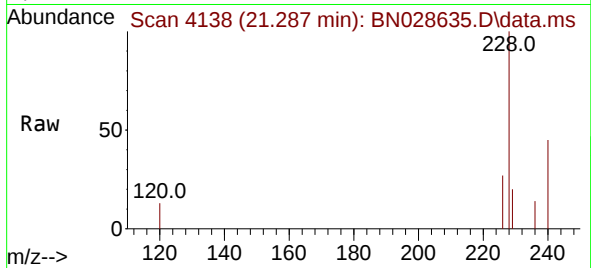
Tgt Ion:202 Resp: 32688
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 11.3 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.201 ng/u1
RT: 21.287 min Scan# 4136
Delta R.T. 0.006 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

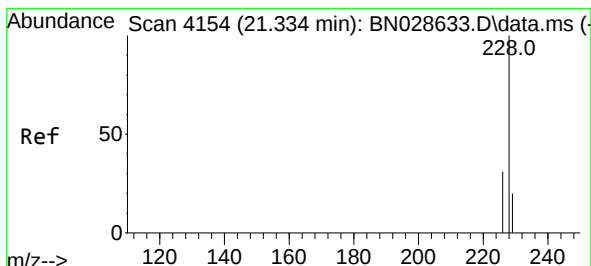
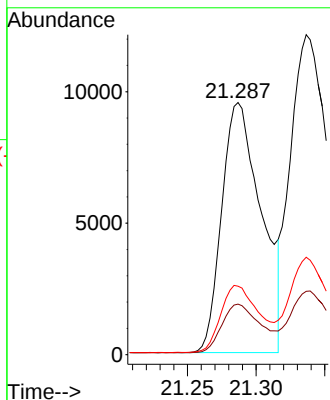
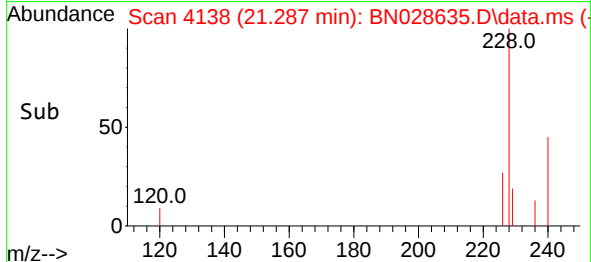
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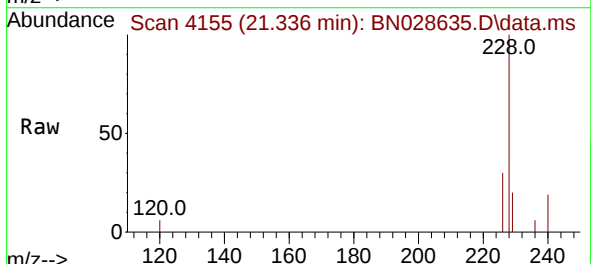
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Ion Ratio Lower Upper
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226 27.1 21.4 32.0

Manual Integrations
APPROVED

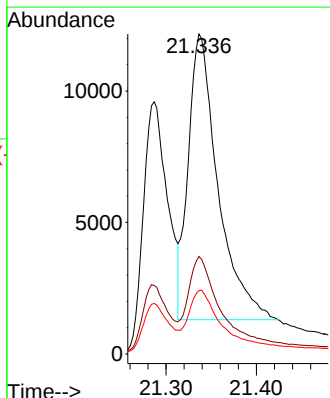
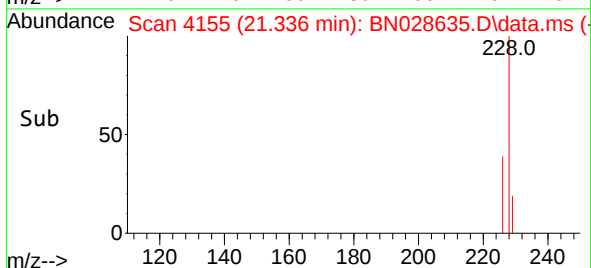
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

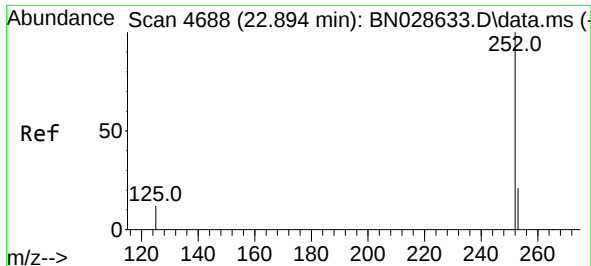


#22
Chrysene
Concen: 0.268 ng/u1
RT: 21.336 min Scan# 4155
Delta R.T. 0.003 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



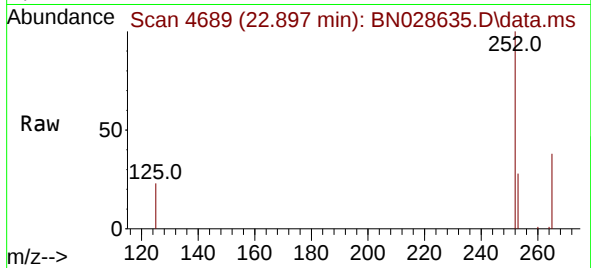
Tgt Ion:228 Resp: 24867
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 19.8 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.273 ng/ul
RT: 22.897 min Scan# 4689
Delta R.T. 0.003 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

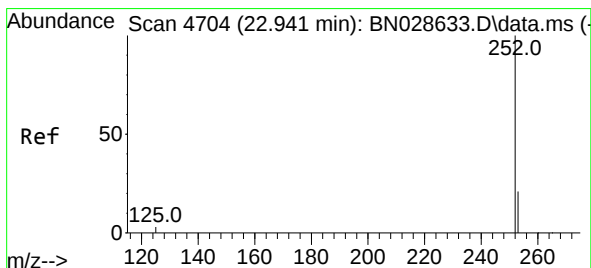
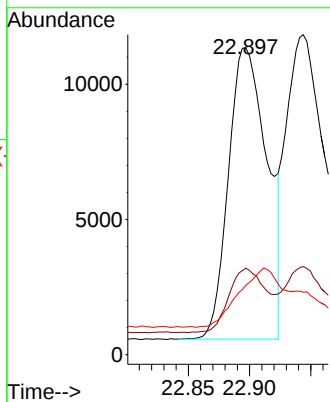
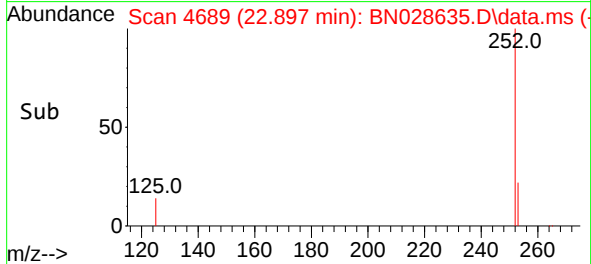
Instrument :
BNA_N
ClientSampleId :
SLCS056



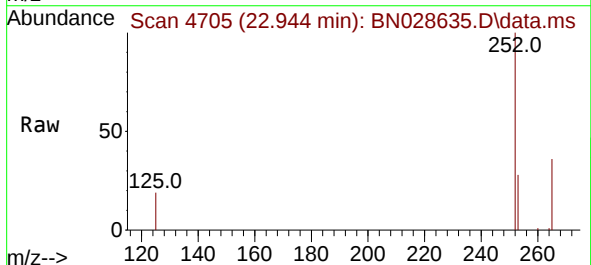
Tgt Ion:252 Resp: 2371
Ion Ratio Lower Upper
252 100
253 28.2 0.0 46.6
125 22.6 0.0 27.6

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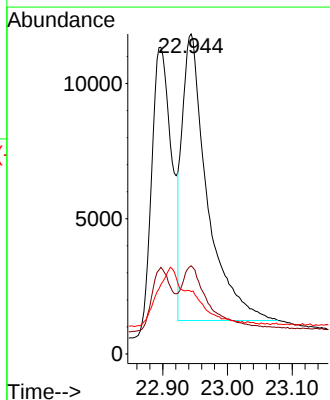
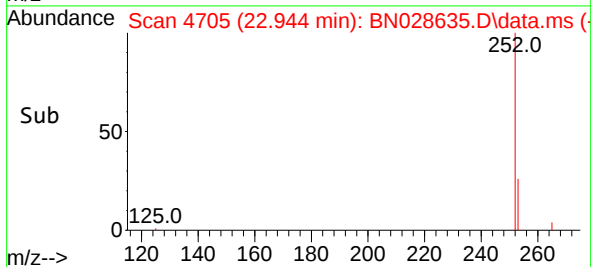
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

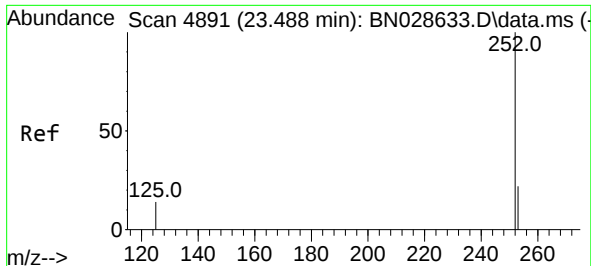


#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 22.944 min Scan# 4705
Delta R.T. 0.003 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



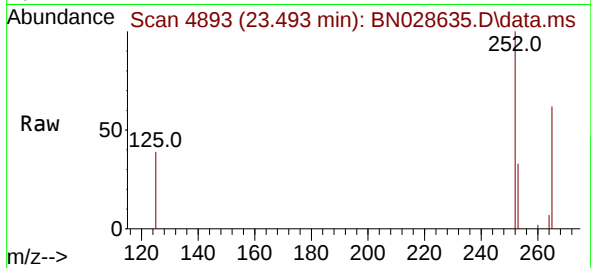
Tgt Ion:252 Resp: 28445
Ion Ratio Lower Upper
252 100
253 27.6 18.6 28.0
125 19.5 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.276 ng/ul
RT: 23.493 min Scan# 4893
Delta R.T. 0.006 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

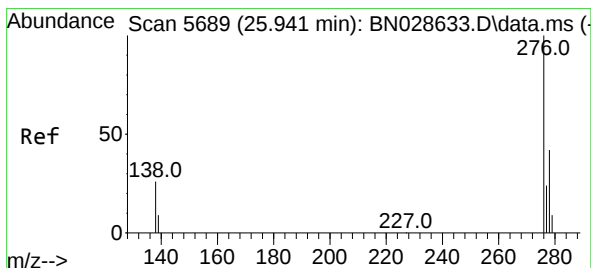
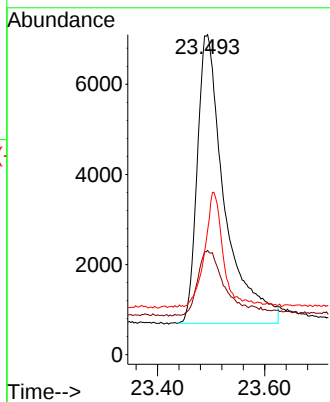
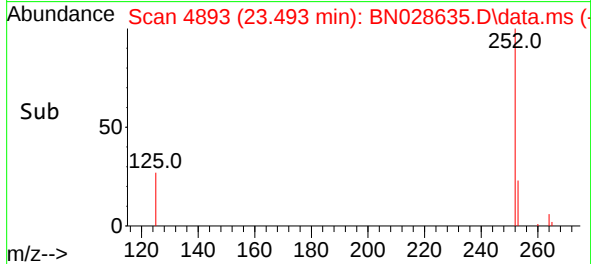
Instrument :
BNA_N
ClientSampleId :
SLCS056



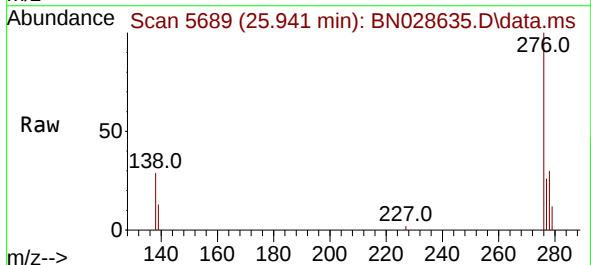
Tgt Ion:252 Resp: 22630
Ion Ratio Lower Upper
252 100
253 32.6 19.0 28.6
125 39.0 13.2 19.8

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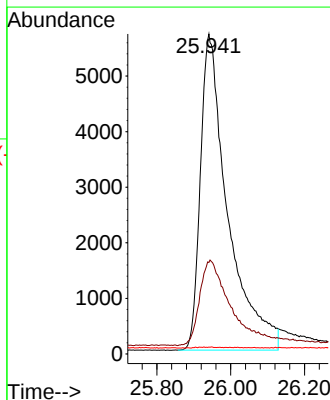
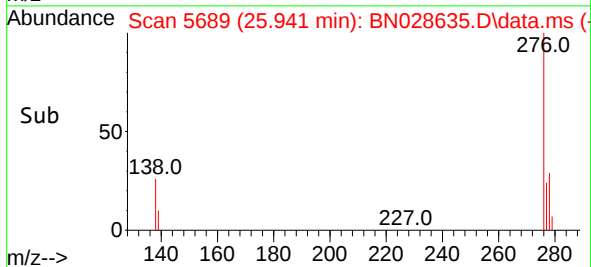
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

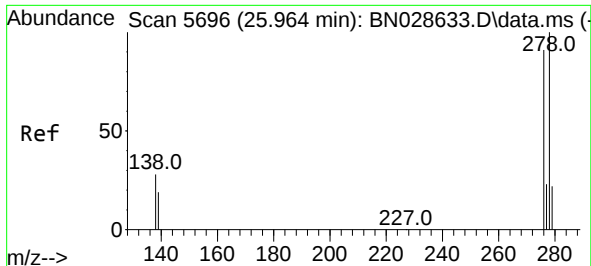


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 25.941 min Scan# 5689
Delta R.T. -0.000 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



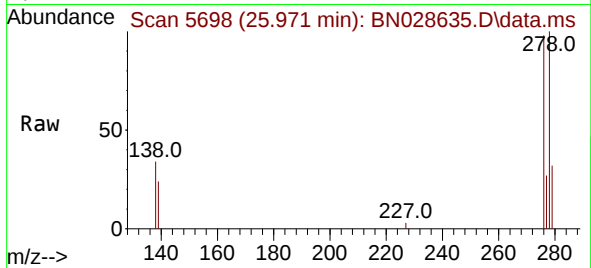
Tgt Ion:276 Resp: 29267
Ion Ratio Lower Upper
276 100
138 31.0 23.8 35.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.971 min Scan# 50
Delta R.T. 0.006 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34

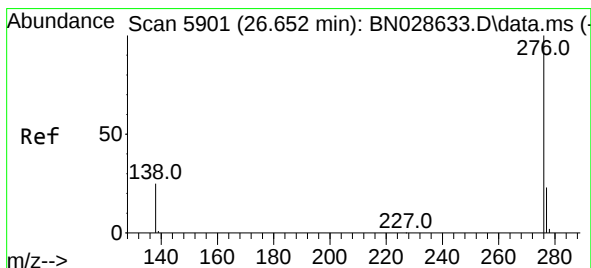
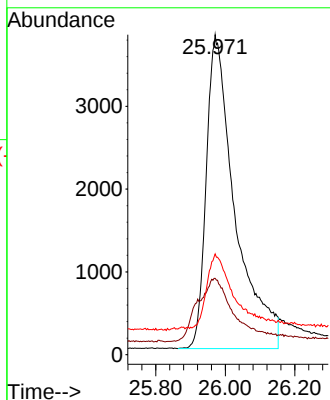
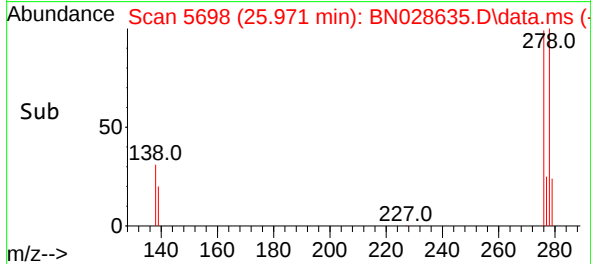
Instrument :
BNA_N
ClientSampleId :
SLCS056



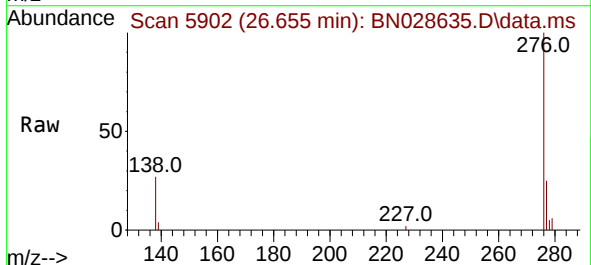
Tgt Ion:278 Resp: 21808
Ion Ratio Lower Upper
278 100
139 23.9 18.2 27.4
279 31.5 20.7 31.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 26.655 min Scan# 5902
Delta R.T. 0.003 min
Lab File: BN028635.D
Acq: 15 Nov 2023 19:34



Tgt Ion:276 Resp: 26097
Ion Ratio Lower Upper
276 100
138 27.1 20.5 30.7
277 24.7 19.4 29.0

