

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028701.D
 Acq On : 17 Nov 2023 14:27
 Operator : MA/JU
 Sample : PB157124BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS124

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 15:55:31 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5252m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.523	136	15743	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.330	164	11144	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	16792	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.301	240	14686	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264	13426	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5394	0.929	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	6052	0.255	ng/ul	0.01
18) Fluoranthene-d10	19.122	212	24653	0.522	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	18928	2.950	ng/ul#	80
5) Naphthalene	10.572	128	16759	0.380	ng/ul	95
7) 2-Methylnaphthalene	12.211	142	9576m	0.329	ng/ul	
8) 1-Methylnaphthalene	12.376	142	11160	0.378	ng/ul	99
10) Acenaphthylene	14.057	152	22661	0.407	ng/ul	98
11) Acenaphthene	14.390	153	18862	0.461	ng/ul	98
12) Fluorene	15.403	166	16365	0.344	ng/ul	98
14) Pentachlorophenol	16.748	266	3522	0.874	ng/ul	99
15) Phenanthrene	17.136	178	24858	0.482	ng/ul	98
16) Anthracene	17.254	178	12753	0.270	ng/ul	94
19) Fluoranthene	19.154	202	31779	0.509	ng/ul	98
20) Pyrene	19.517	202	37290	0.576	ng/ul	96
21) Benzo(a)anthracene	21.287	228	17434	0.300	ng/ul	99
22) Chrysene	21.336	228	25821	0.455	ng/ul	100
24) Benzo(b)fluoranthene	22.894	252	23304	0.462	ng/ul	92
25) Benzo(k)fluoranthene	22.941	252	27979	0.530	ng/ul#	92
26) Benzo(a)pyrene	23.488	252	23506	0.494	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.937	276	27490	0.521	ng/ul	98
28) Dibenzo(a,h)anthracene	25.967	278	20598	0.488	ng/ul	95
29) Benzo(g,h,i)perylene	26.645	276	25365	0.586	ng/ul	97

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

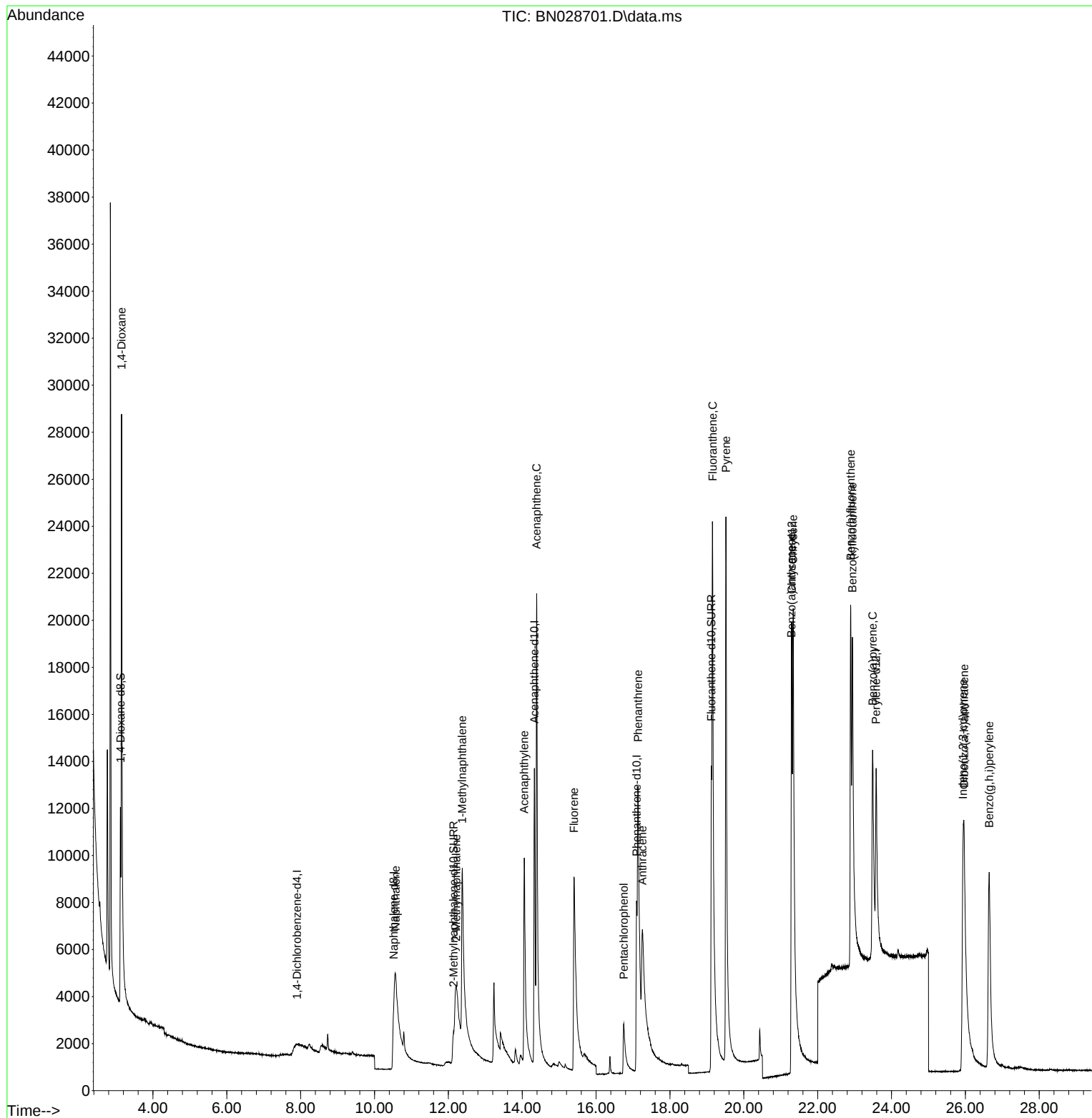
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028701.D
Acq On : 17 Nov 2023 14:27
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ALS Vial : 68 Sample Multiplier: 1

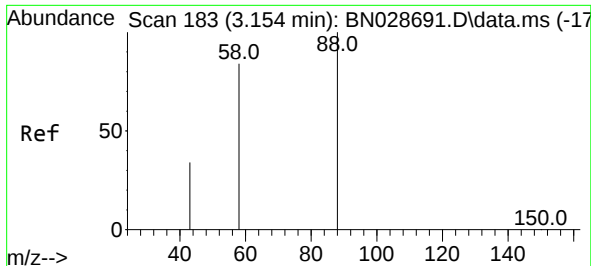
Instrument :
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SLCS124

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Supervised By :mohammad ahmed 11/20/2023

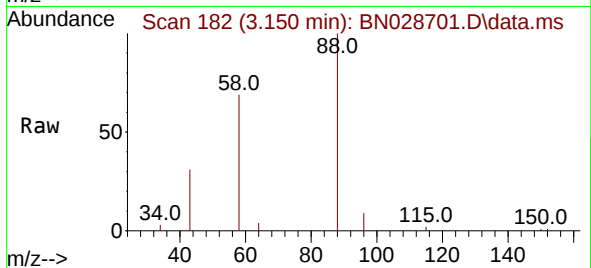
Quant Time: Nov 17 15:55:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.950 ng/ul
RT: 3.150 min Scan# 183
Delta R.T. -0.004 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

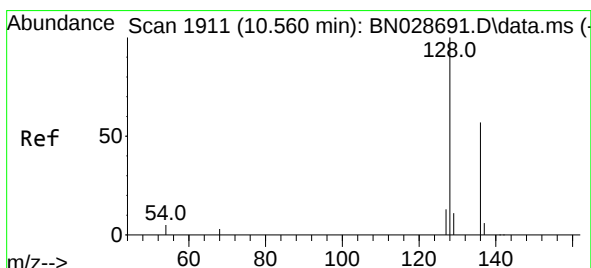
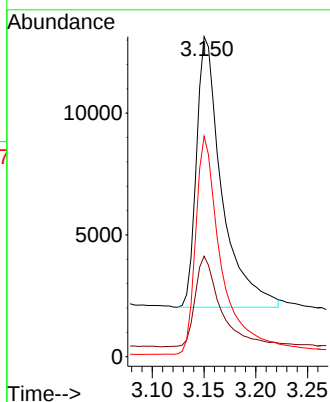
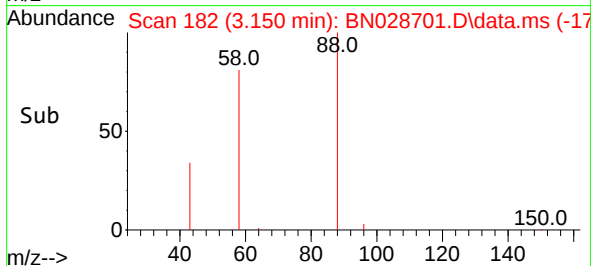
Instrument :
BNA_N
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Tgt Ion: 88 Resp: 18928
Ion Ratio Lower Upper
88 100
43 31.4 32.9 49.3
58 68.9 41.8 62.8

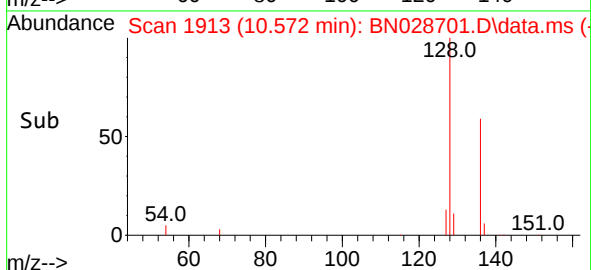
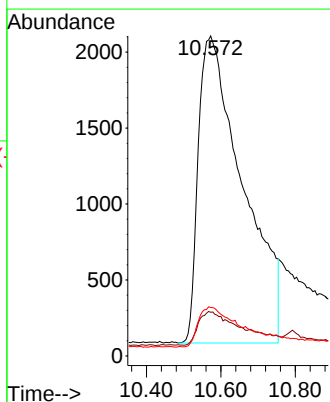
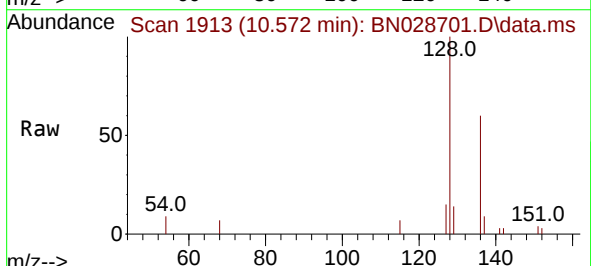
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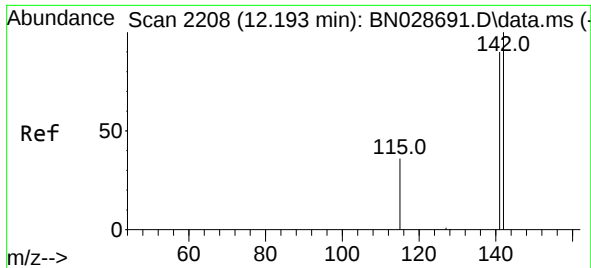
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.572 min Scan# 1913
Delta R.T. 0.013 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

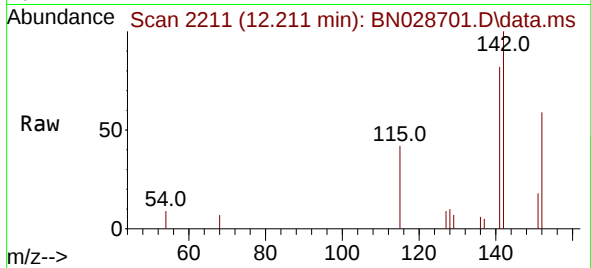
Tgt Ion:128 Resp: 16759
Ion Ratio Lower Upper
128 100
129 13.7 9.2 13.8
127 15.1 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.329 ng/ul m
RT: 12.211 min Scan# 2211
Delta R.T. 0.018 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

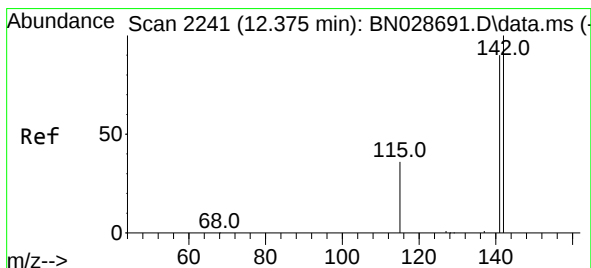
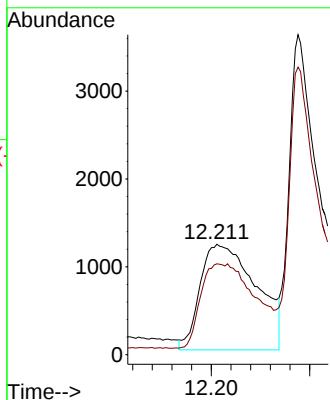
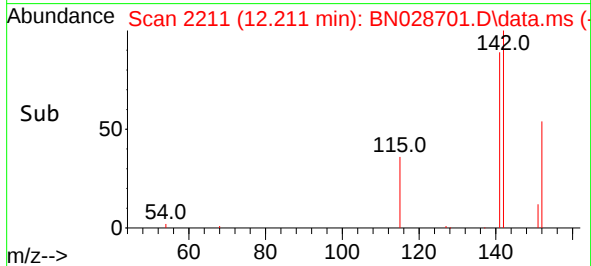
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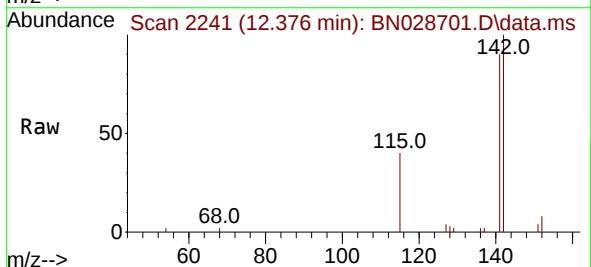
Tgt Ion:142 Resp: 9570
Ion Ratio Lower Upper
142 100
141 65.5 70.8 106.2

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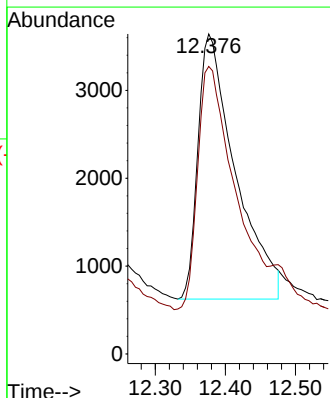
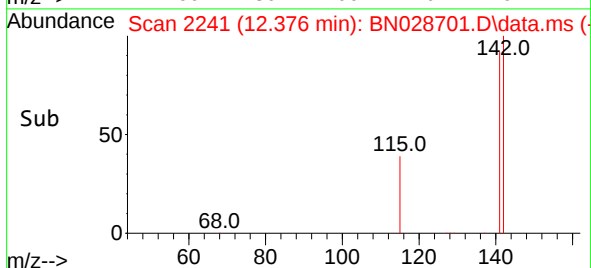
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

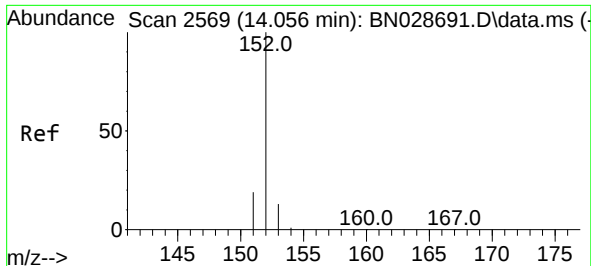


#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27



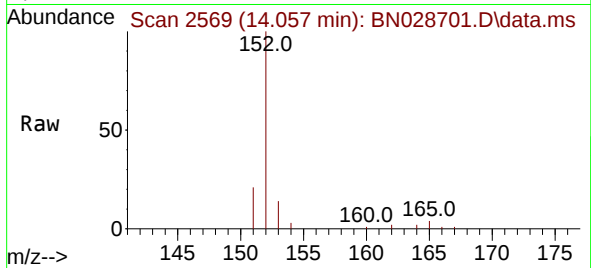
Tgt Ion:142 Resp: 11160
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.057 min Scan# 2569
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

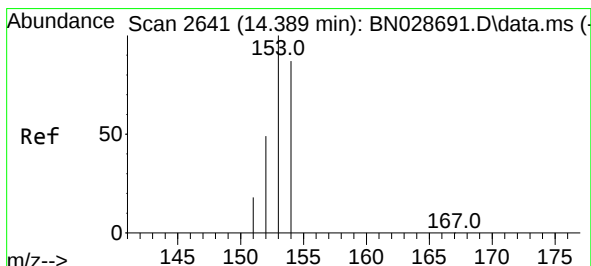
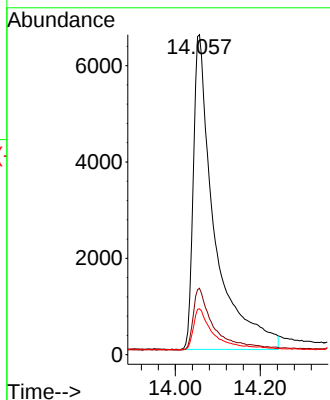
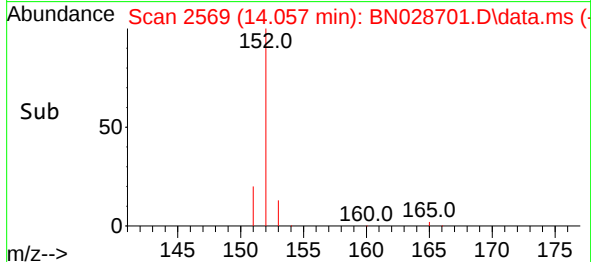
Instrument :
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ClientSampleId :
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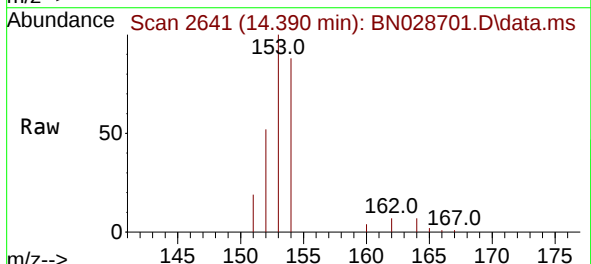
Tgt Ion:152 Resp: 2266
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.3 10.6 15.8

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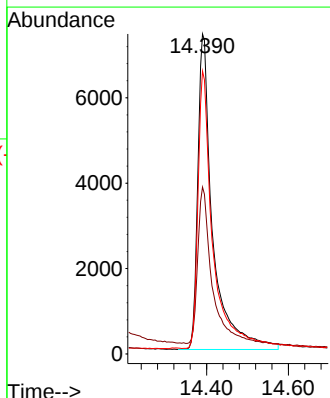
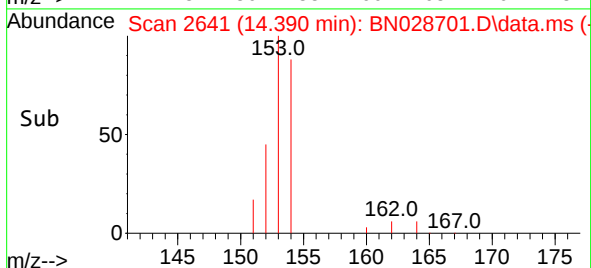
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

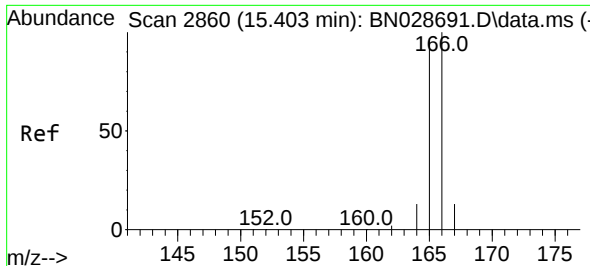


#11
Acenaphthene
Concen: 0.461 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27



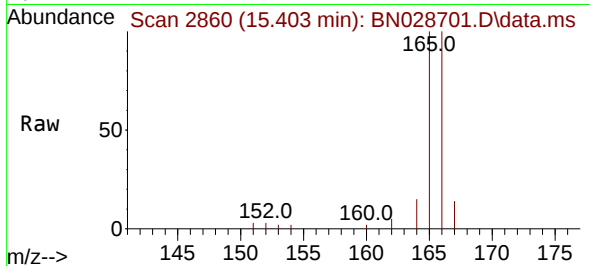
Tgt Ion:153 Resp: 18862
Ion Ratio Lower Upper
153 100
152 52.1 39.6 59.4
154 88.4 71.0 106.6





#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.403 min Scan# 2860
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

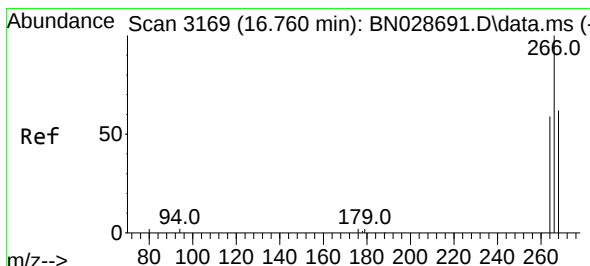
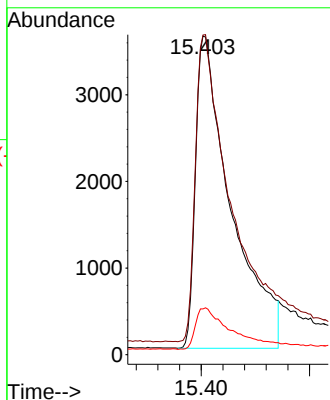
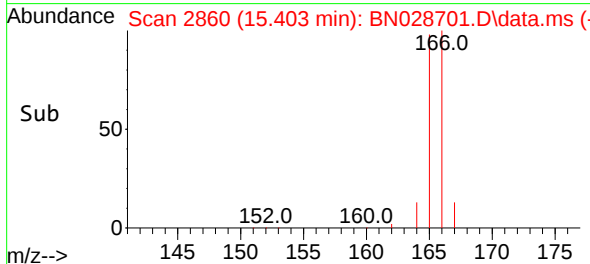
Instrument :
BNA_N
ClientSampleId :
SLCS124



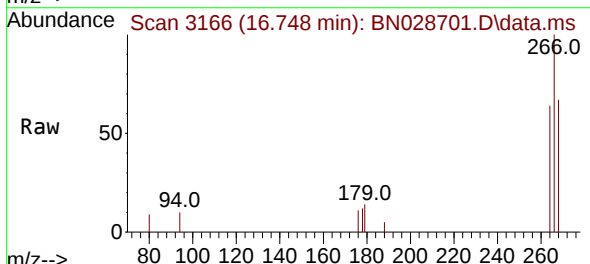
Tgt Ion:166 Resp: 1636
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 14.4 11.0 16.6

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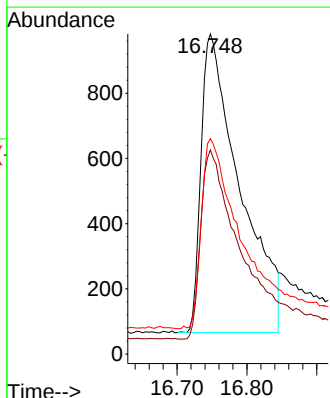
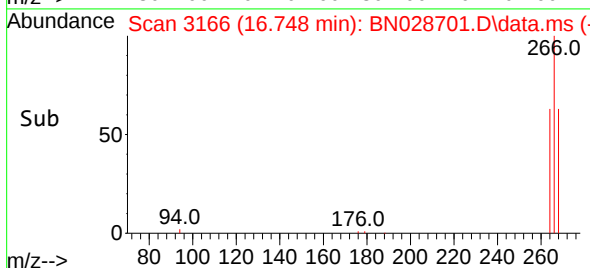
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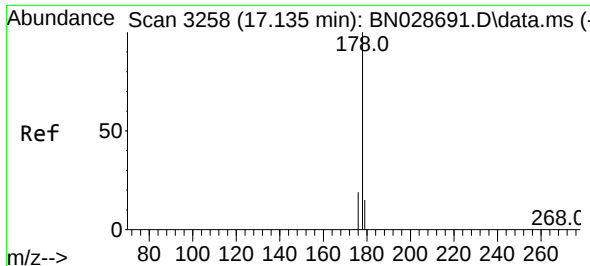


#14
Pentachlorophenol
Concen: 0.874 ng/ul
RT: 16.748 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27



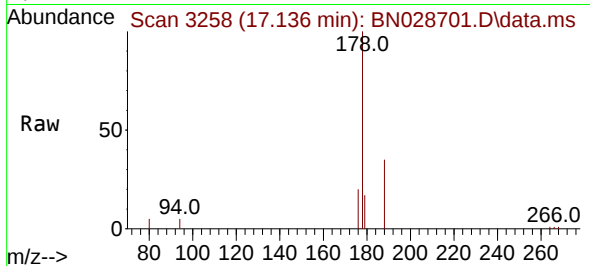
Tgt Ion:266 Resp: 3522
Ion Ratio Lower Upper
266 100
264 63.1 50.1 75.1
268 63.7 50.6 75.8





#15
Phenanthrene
Concen: 0.482 ng/u1
RT: 17.136 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

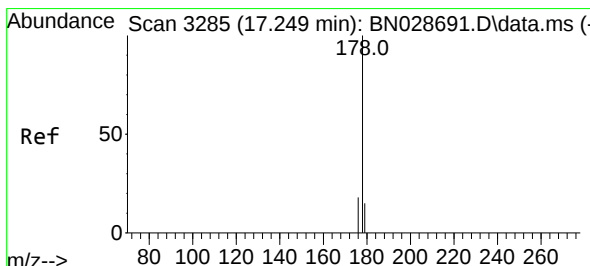
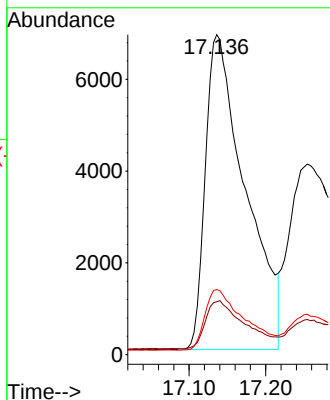
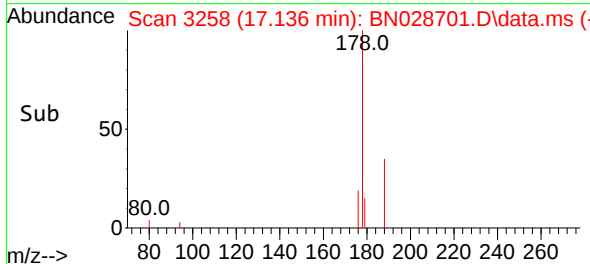
Instrument :
BNA_N
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SLCS124



Tgt Ion:178 Resp: 2485
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 20.4 15.4 23.2

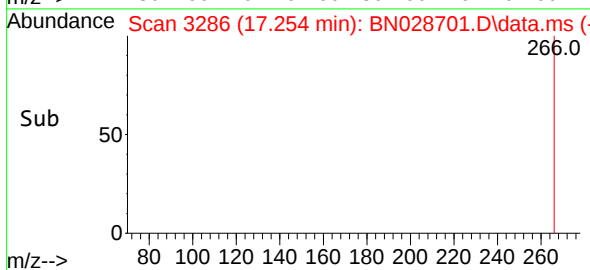
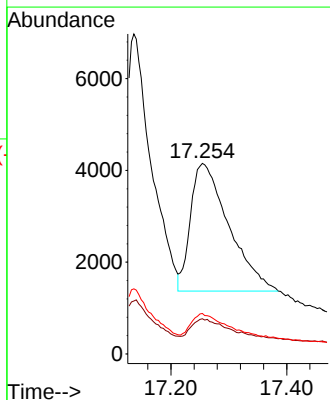
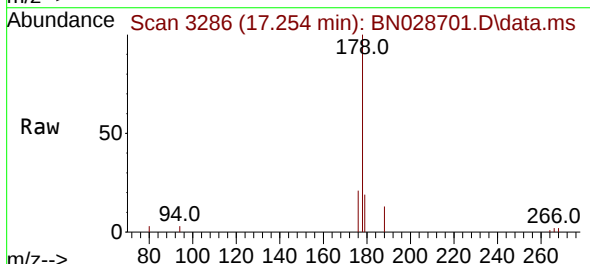
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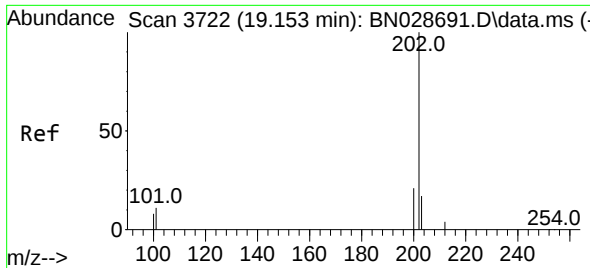
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.270 ng/u1
RT: 17.254 min Scan# 3286
Delta R.T. 0.005 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

Tgt Ion:178 Resp: 12753
Ion Ratio Lower Upper
178 100
179 18.5 12.6 18.8
176 21.3 14.9 22.3





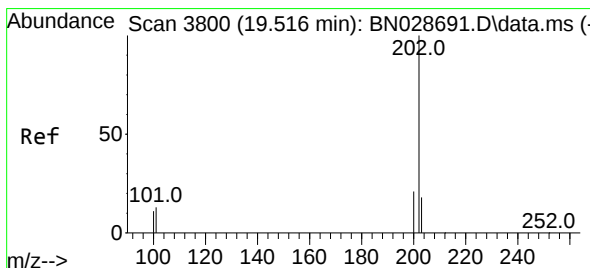
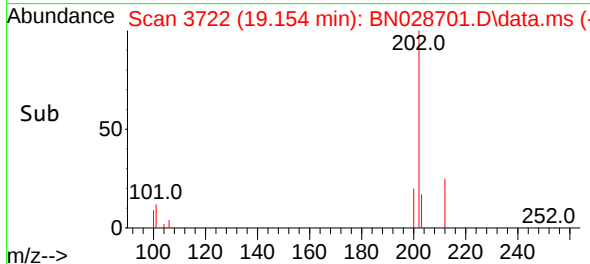
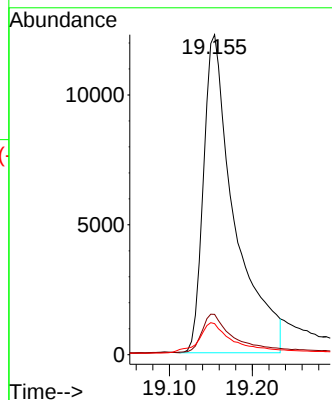
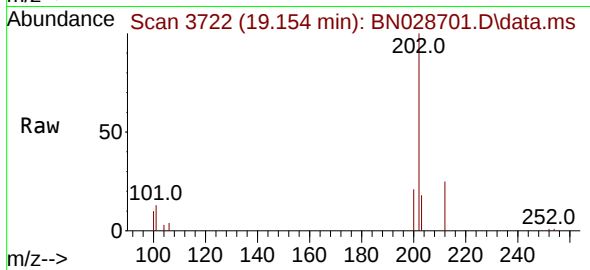
#19
Fluoranthene
Concen: 0.509 ng/u1
RT: 19.154 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

Instrument :
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ClientSampleId :
SLCS124

Tgt Ion:202 Resp: 31779
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 9.7 7.2 10.8

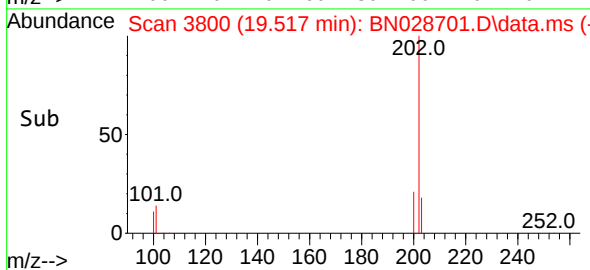
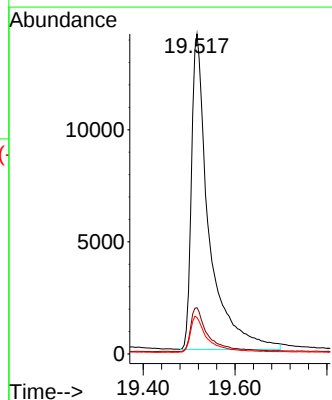
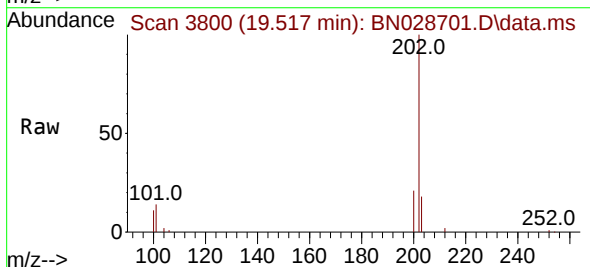
Manual Integrations
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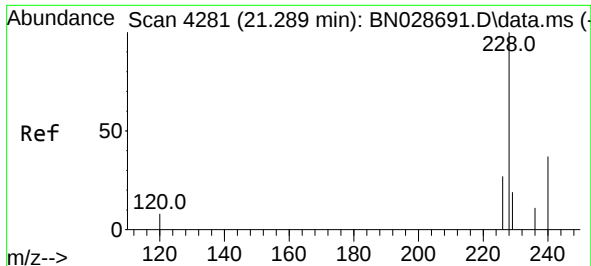
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.576 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

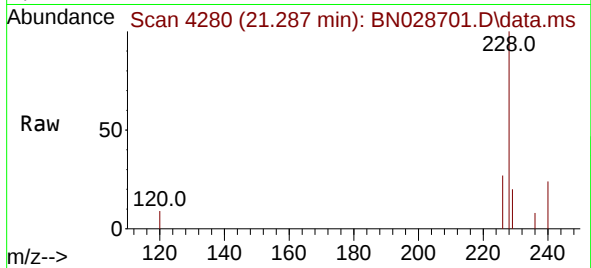
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Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.4 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.287 min Scan# 4281
Delta R.T. -0.002 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

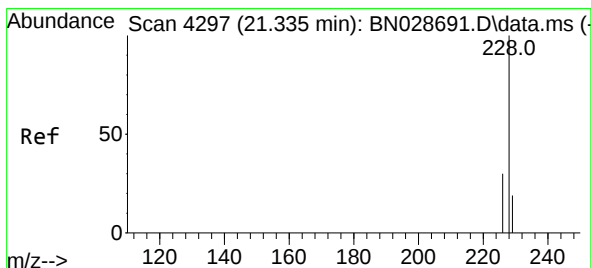
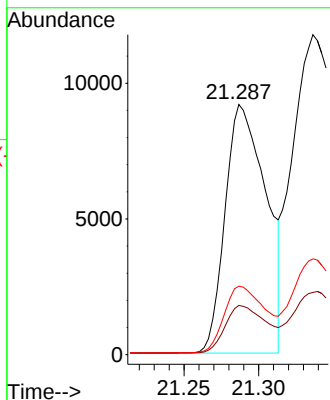
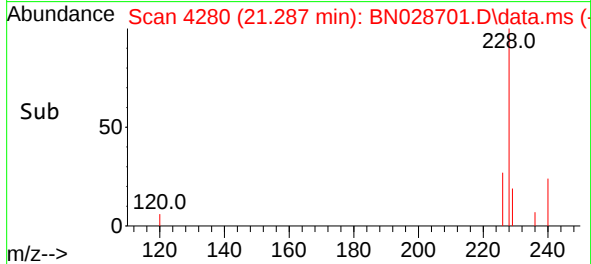
Instrument :
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Tgt Ion:228 Resp: 17434
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.3 21.4 32.0

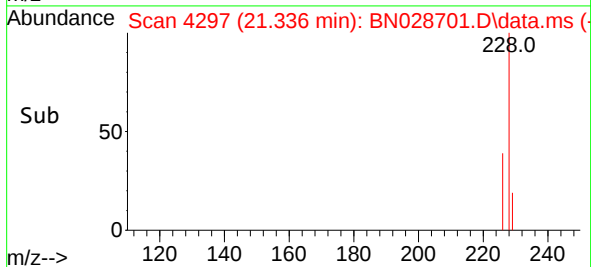
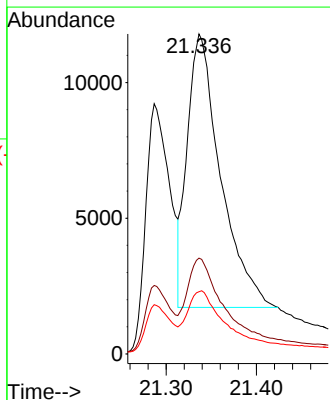
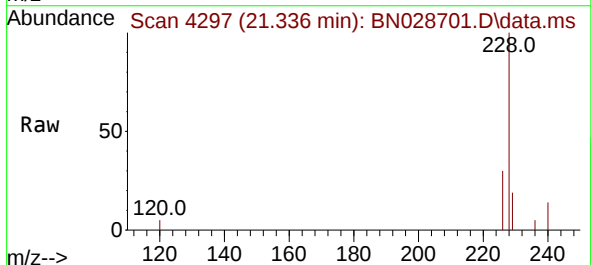
Manual Integrations
APPROVED

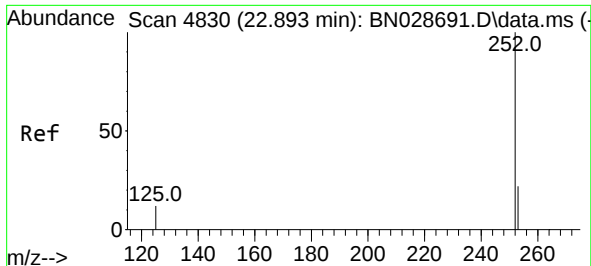
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.455 ng/ul
RT: 21.336 min Scan# 4297
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

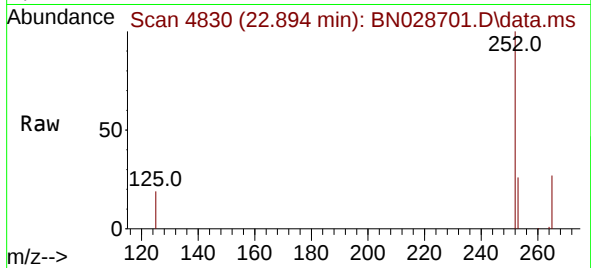
Tgt Ion:228 Resp: 25821
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.5 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.462 ng/ul
RT: 22.894 min Scan# 4830
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

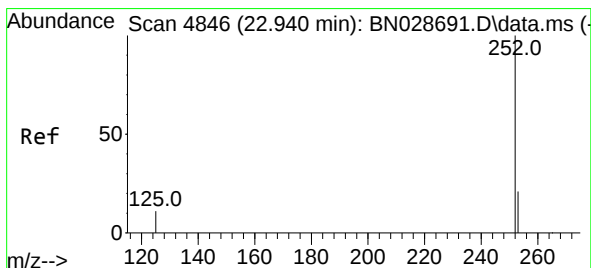
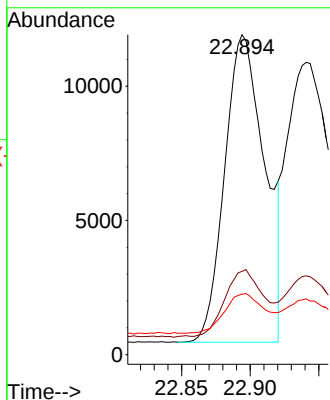
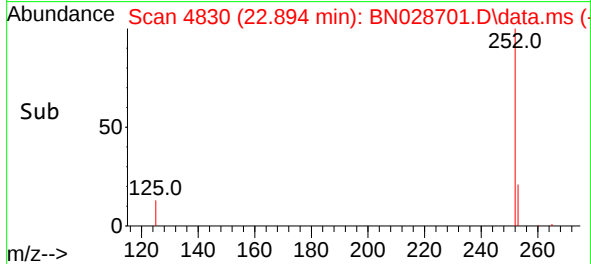
Instrument :
BNA_N
ClientSampleId :
SLCS124



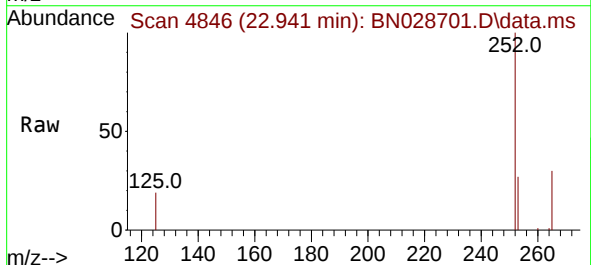
Tgt Ion:252 Resp: 23304
Ion Ratio Lower Upper
252 100
253 26.0 0.0 46.6
125 18.9 0.0 27.6

Manual Integrations
APPROVED

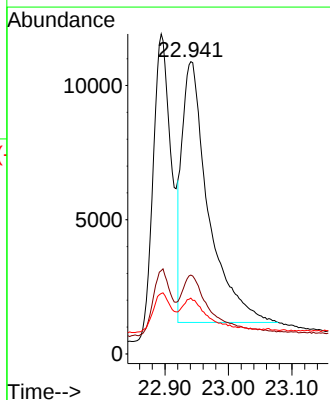
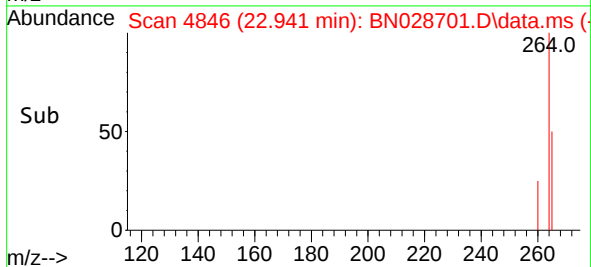
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

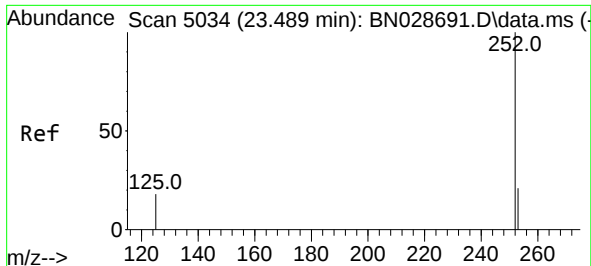


#25
Benzo(k)fluoranthene
Concen: 0.530 ng/ul
RT: 22.941 min Scan# 4846
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27



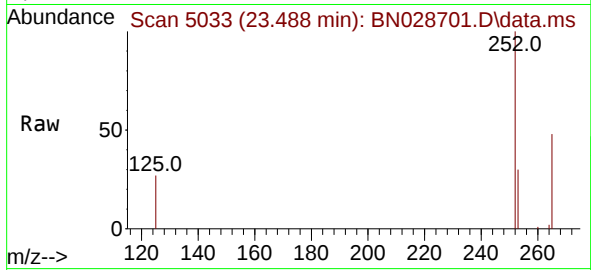
Tgt Ion:252 Resp: 27979
Ion Ratio Lower Upper
252 100
253 27.0 18.6 28.0
125 19.1 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.494 ng/ul
RT: 23.488 min Scan# 5034
Delta R.T. -0.002 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

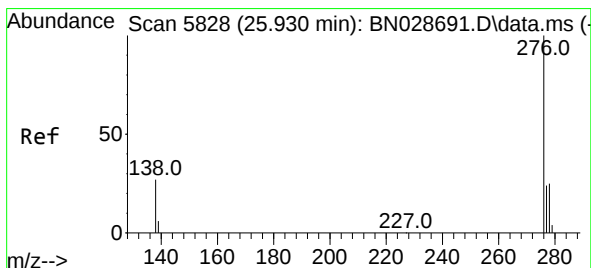
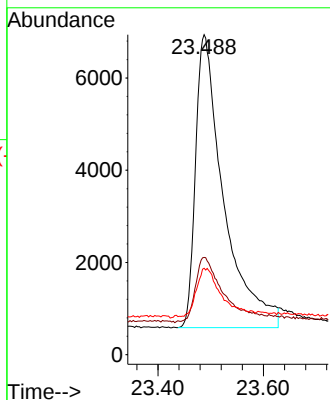
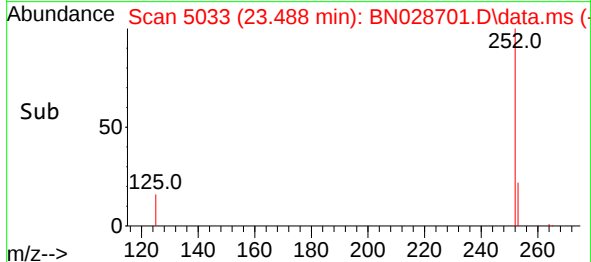
Instrument :
BNA_N
ClientSampleId :
SLCS124



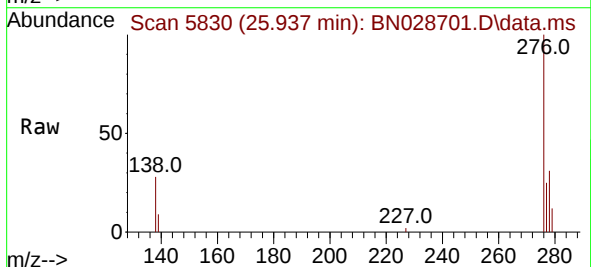
Tgt Ion:252 Resp: 23500
Ion Ratio Lower Upper
252 100
253 30.4 19.0 28.6
125 27.0 13.2 19.8

Manual Integrations
APPROVED

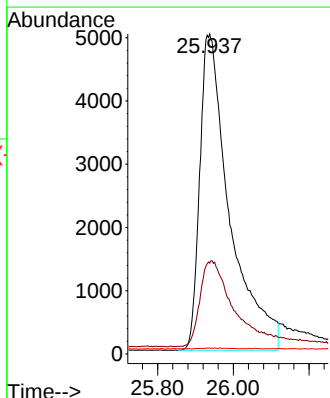
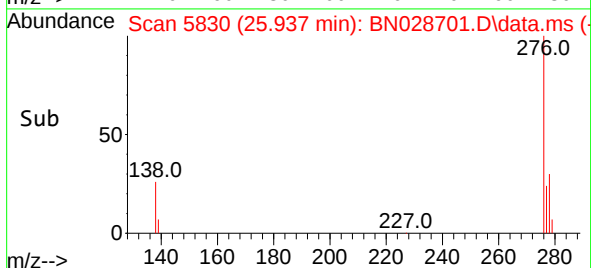
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

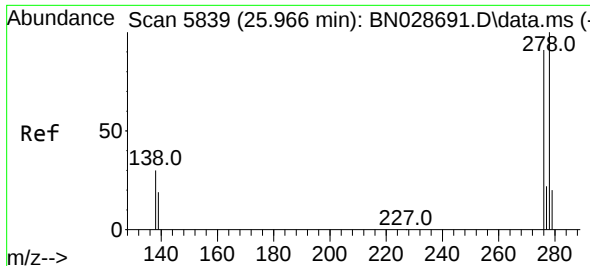


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.521 ng/ul
RT: 25.937 min Scan# 5830
Delta R.T. 0.008 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27



Tgt Ion:276 Resp: 27490
Ion Ratio Lower Upper
276 100
138 30.7 23.8 35.6
227 0.1 0.1 0.1





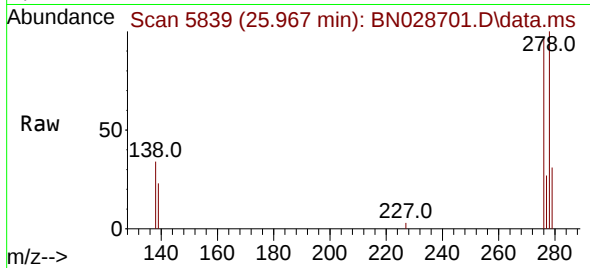
#28
Dibenzo(a,h)anthracene
Concen: 0.488 ng/ul
RT: 25.967 min Scan# 5839
Delta R.T. 0.001 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27

Instrument :

BNA_N

ClientSampleId :

SLCS124



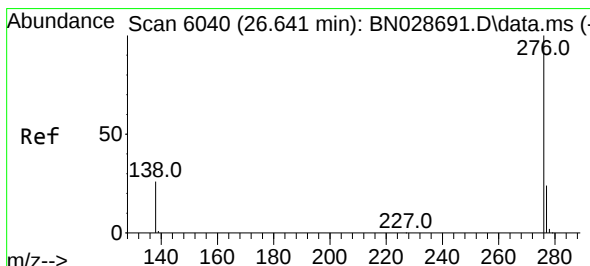
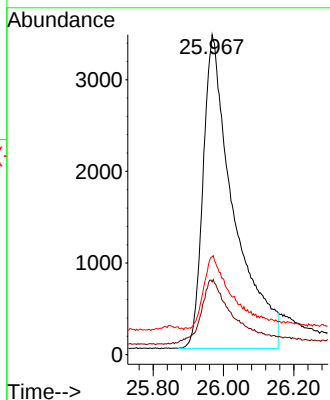
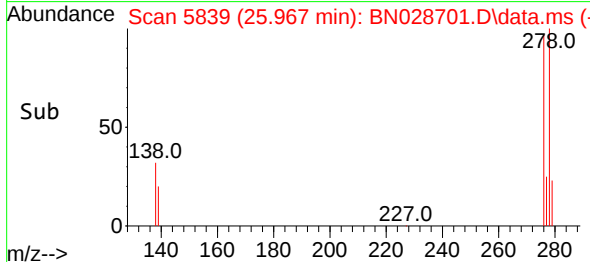
Tgt Ion:278 Resp: 20598
Ion Ratio Lower Upper
278 100
139 22.8 18.2 27.4
279 30.6 20.7 31.1

Manual Integrations

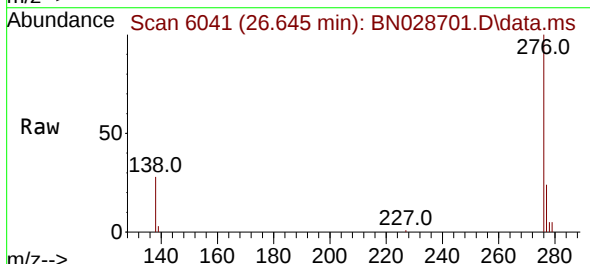
APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 26.645 min Scan# 6041
Delta R.T. 0.004 min
Lab File: BN028701.D
Acq: 17 Nov 2023 14:27



Tgt Ion:276 Resp: 25365
Ion Ratio Lower Upper
276 100
138 28.2 20.5 30.7
277 24.0 19.4 29.0

