

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028670.D
 Acq On : 16 Nov 2023 18:46
 Operator : MA/JU
 Sample : PB157092BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS092

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 22:40:58 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 22:38:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5556m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.512	136	13324m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.326	164	9323	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	12648	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.302	240	12396	0.400	ng/ul	# 0.00
23) Perylene-d12	23.588	264	12025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5718m	0.931	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	4209	0.210	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	21554	0.540	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	17344m	2.555	ng/ul	
5) Naphthalene	10.561	128	13234	0.354	ng/ul#	94
7) 2-Methylnaphthalene	12.200	142	4521	0.184	ng/ul	97
8) 1-Methylnaphthalene	12.376	142	9204	0.368	ng/ul	99
10) Acenaphthylene	14.053	152	19395	0.417	ng/ul	99
11) Acenaphthene	14.391	153	16411	0.479	ng/ul	98
12) Fluorene	15.404	166	13183	0.331	ng/ul	98
14) Pentachlorophenol	16.753	266	2637	0.869	ng/ul	100
15) Phenanthrene	17.137	178	20426	0.526	ng/ul	97
16) Anthracene	17.255	178	9989	0.280	ng/ul	94
19) Fluoranthene	19.151	202	27433	0.520	ng/ul	98
20) Pyrene	19.513	202	31799	0.582	ng/ul	96
21) Benzo(a)anthracene	21.288	228	15212	0.310	ng/ul	100
22) Chrysene	21.337	228	21397	0.447	ng/ul	99
24) Benzo(b)fluoranthene	22.892	252	19823	0.439	ng/ul	89
25) Benzo(k)fluoranthene	22.942	252	24722	0.523	ng/ul#	91
26) Benzo(a)pyrene	23.491	252	20685	0.486	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.938	276	25358	0.536	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.965	278	18559	0.491	ng/ul#	93
29) Benzo(g,h,i)perylene	26.642	276	23484	0.606	ng/ul	96

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

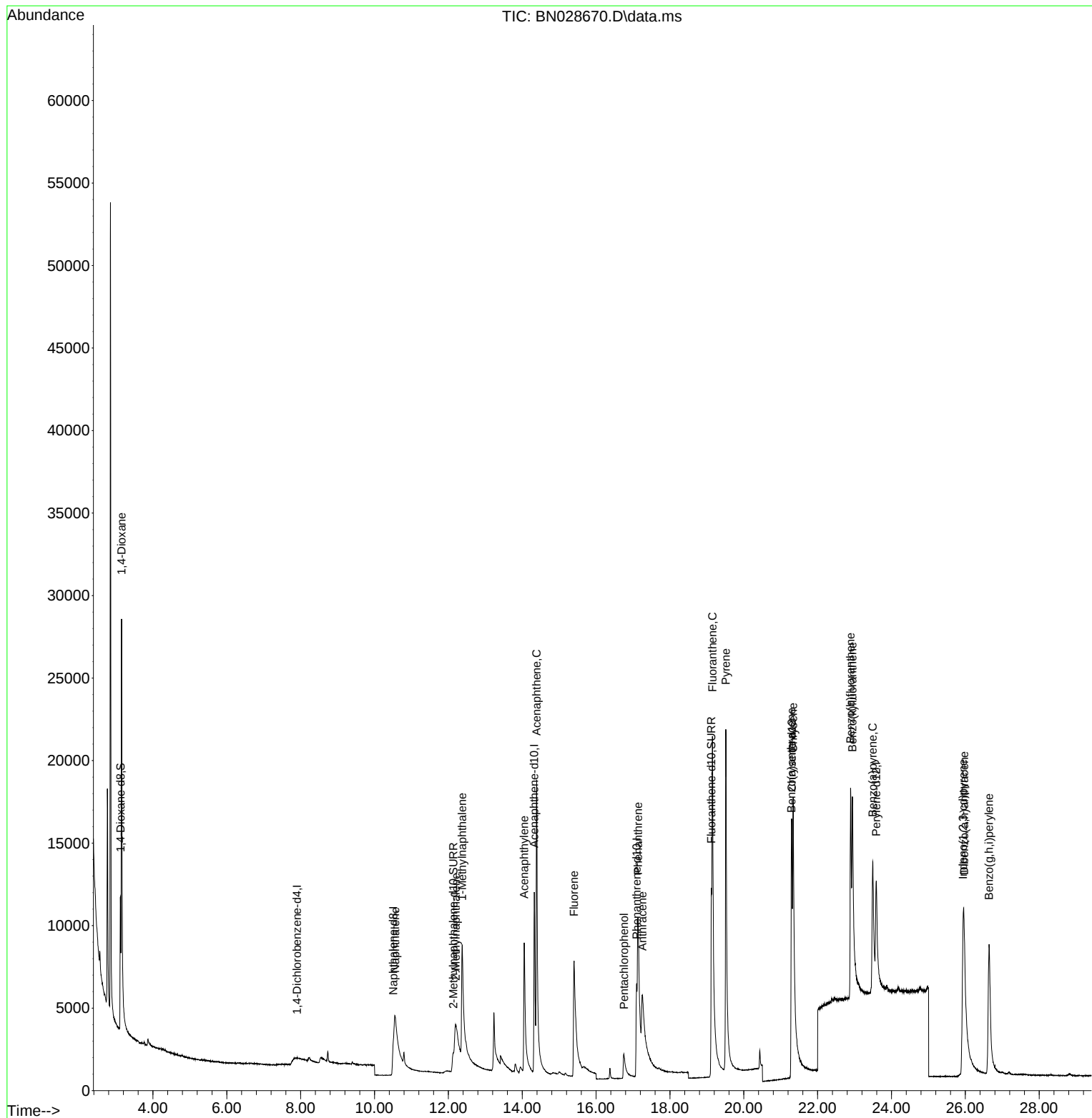
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028670.D
Acq On : 16 Nov 2023 18:46
Operator : MA/JU
Sample : PB157092BS
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ALS Vial : 37 Sample Multiplier: 1

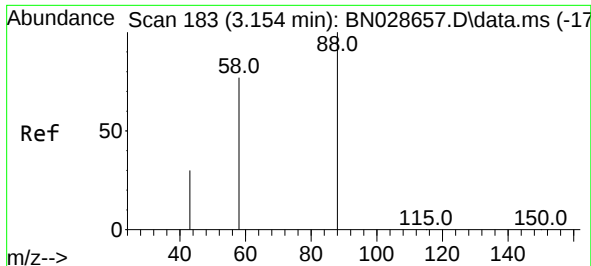
Instrument :
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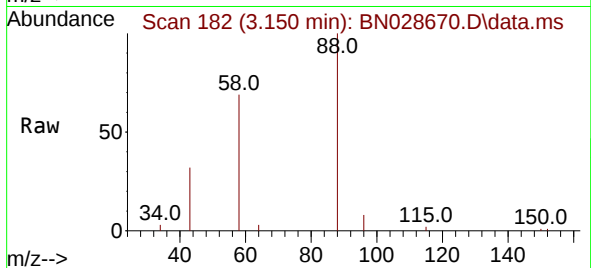
Quant Time: Nov 16 22:40:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.555 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

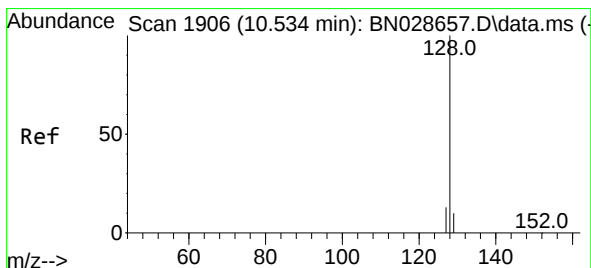
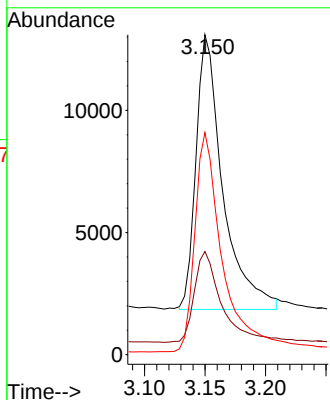
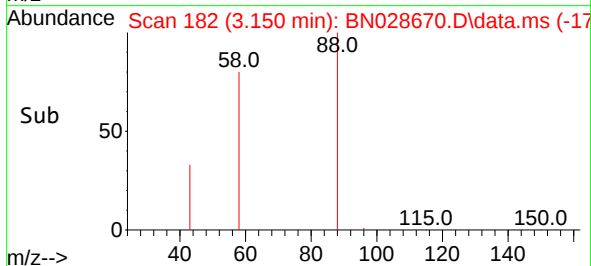
Instrument :
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ClientSampleId :
SLCS092



Tgt Ion: 88 Resp: 17344
Ion Ratio Lower Upper
88 100
43 32.2 32.9 49.3
58 69.4 41.8 62.8

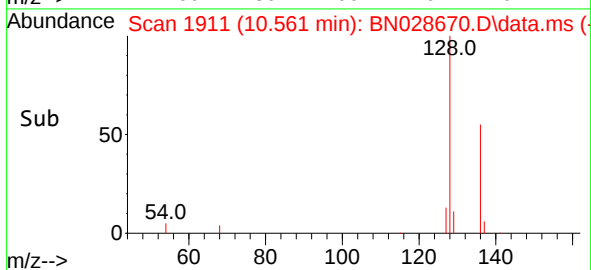
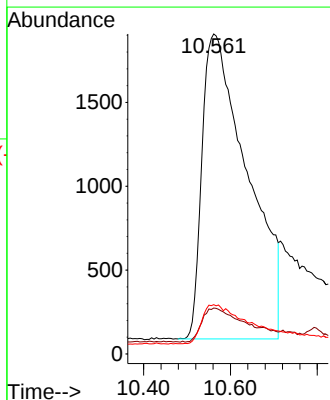
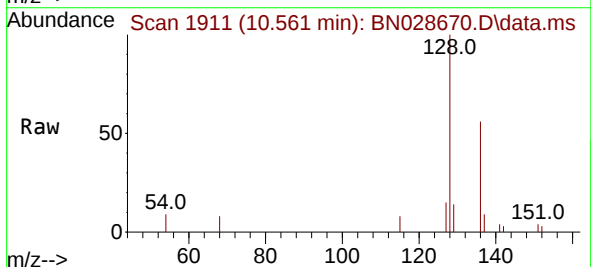
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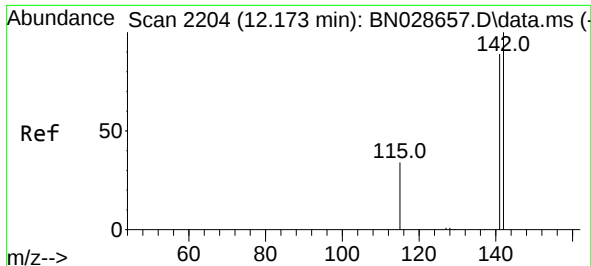
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.561 min Scan# 1911
Delta R.T. 0.028 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

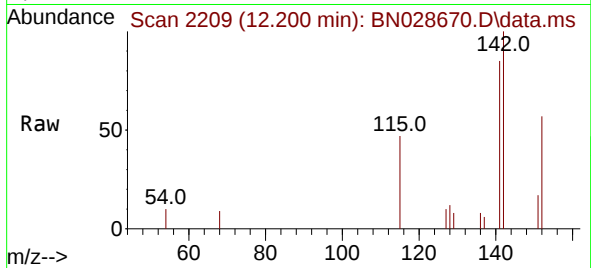
Tgt Ion:128 Resp: 13234
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8
127 15.4 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.200 min Scan# 2111
Delta R.T. 0.028 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

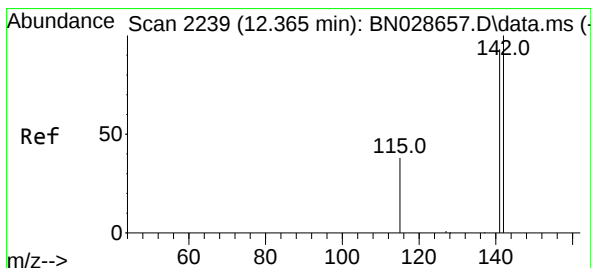
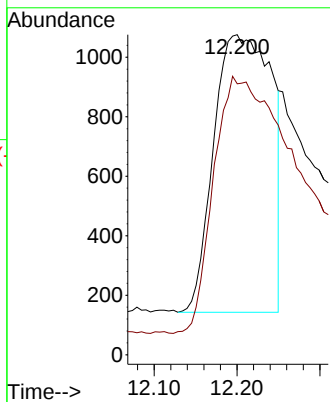
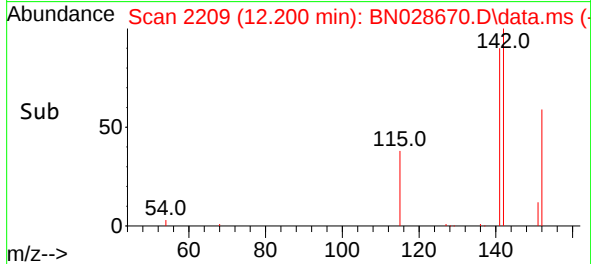
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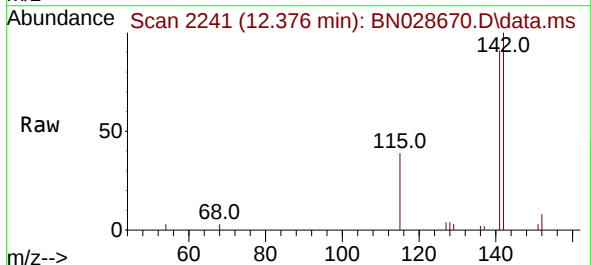
Tgt Ion:142 Resp: 452
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2

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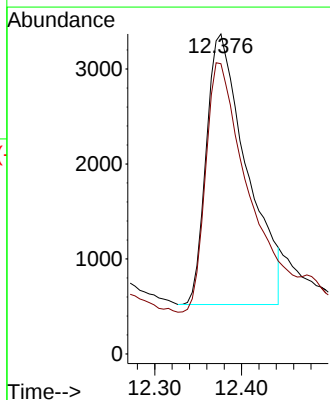
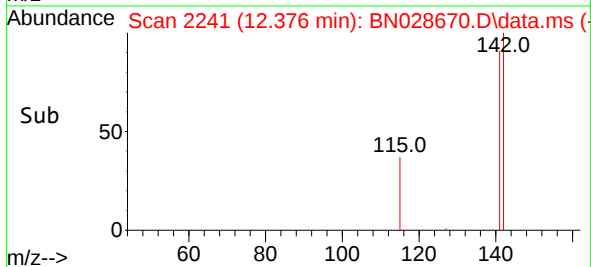
Reviewed By :Yogesh Patel 11/17/2023
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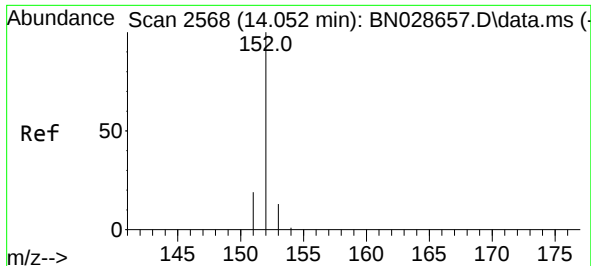


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.011 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46



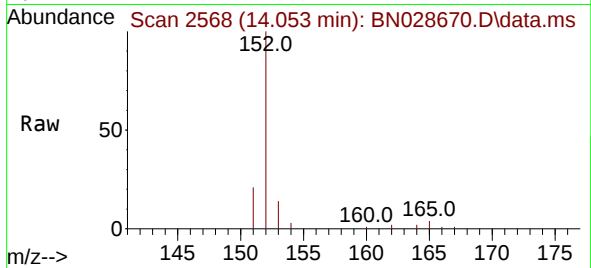
Tgt Ion:142 Resp: 9204
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.053 min Scan# 2568
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

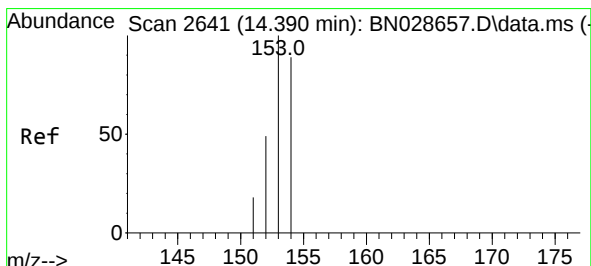
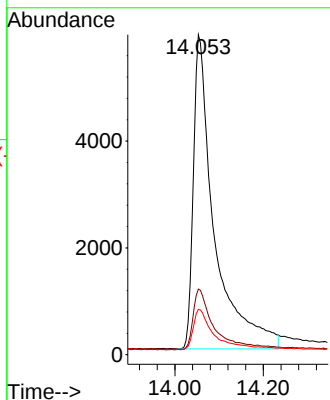
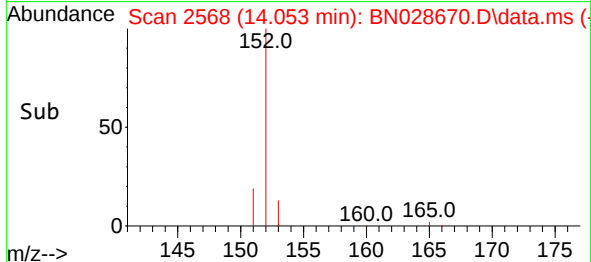
Instrument :
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ClientSampleId :
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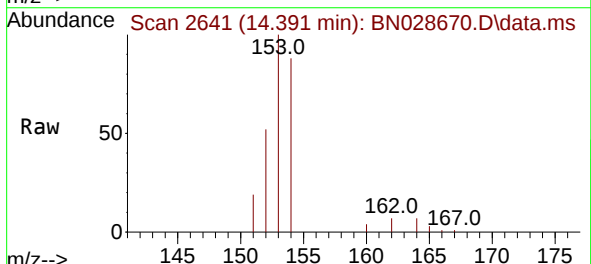
Tgt Ion:152 Resp: 1939
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.1 10.6 15.8

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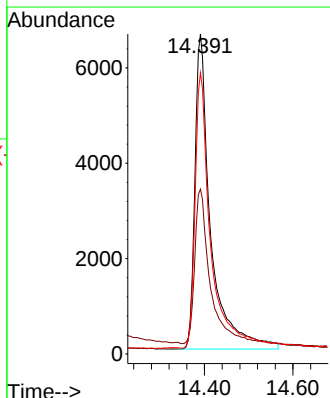
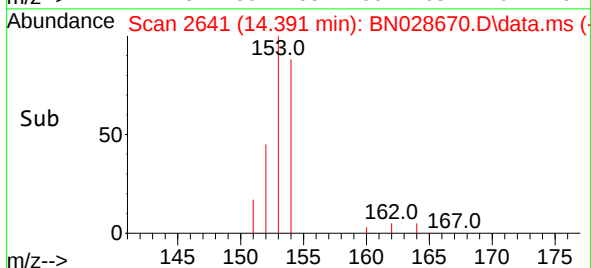
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

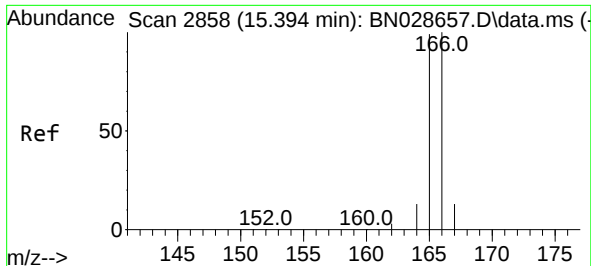


#11
Acenaphthene
Concen: 0.479 ng/ul
RT: 14.391 min Scan# 2641
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46



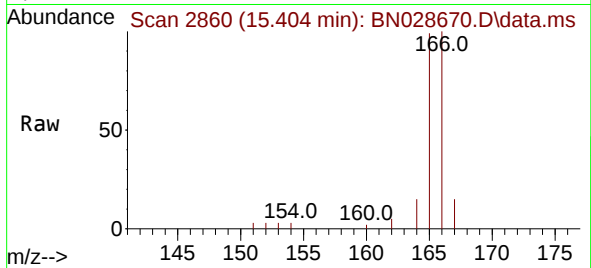
Tgt Ion:153 Resp: 16411
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 87.9 71.0 106.6





#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.404 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

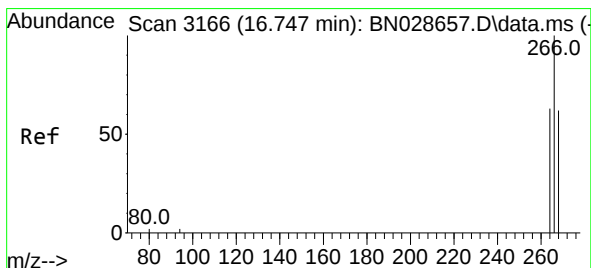
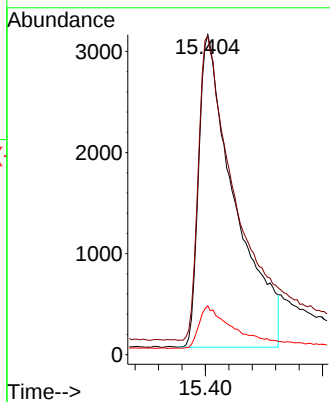
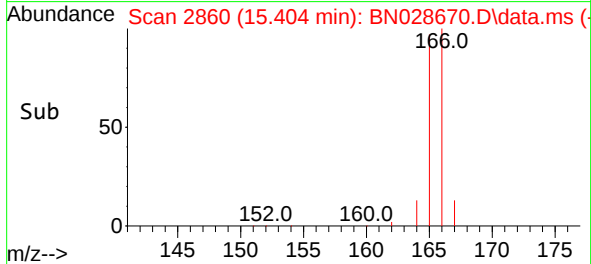
Instrument :
BNA_N
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SLCS092



Tgt Ion:166 Resp: 1318
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 15.3 11.0 16.6

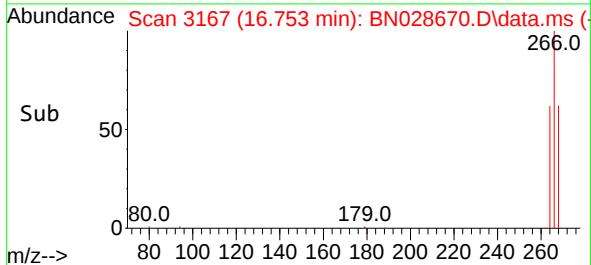
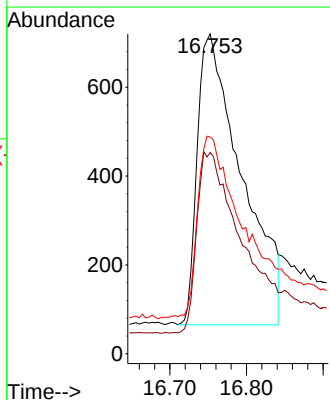
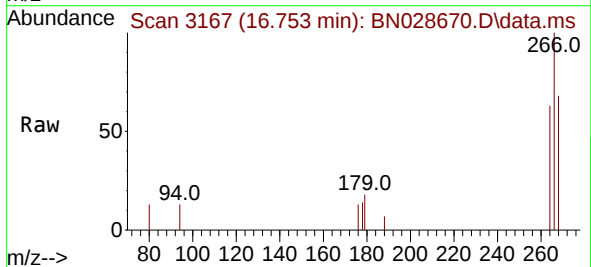
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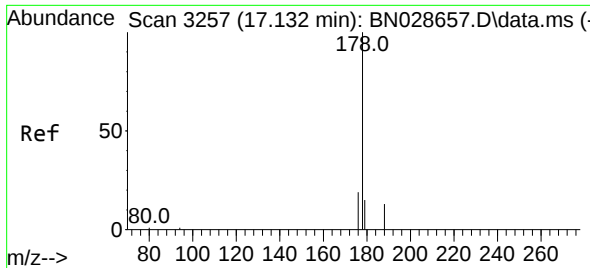
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.869 ng/ul
RT: 16.753 min Scan# 3167
Delta R.T. 0.005 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:266 Resp: 2637
Ion Ratio Lower Upper
266 100
264 62.6 50.1 75.1
268 63.9 50.6 75.8





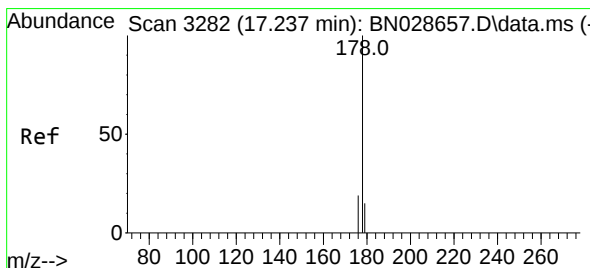
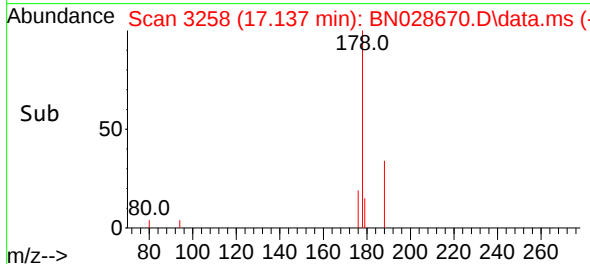
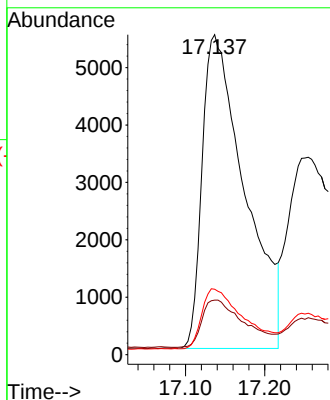
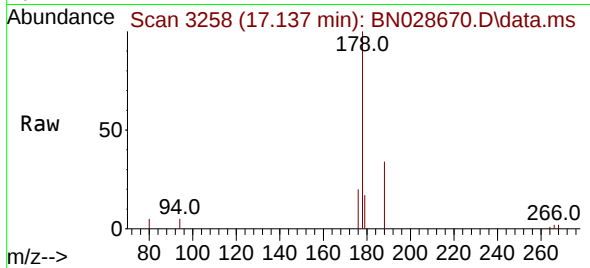
#15
Phenanthrene
Concen: 0.526 ng/ul
RT: 17.137 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 20420
Ion Ratio Lower Upper
178 100
179 17.1 12.4 18.6
176 20.5 15.4 23.2

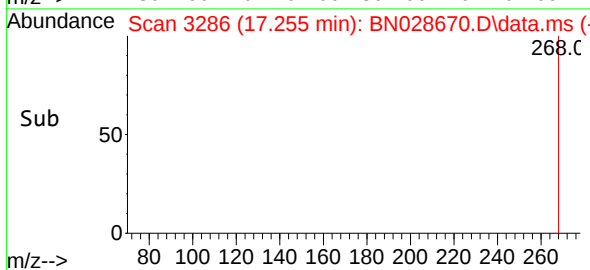
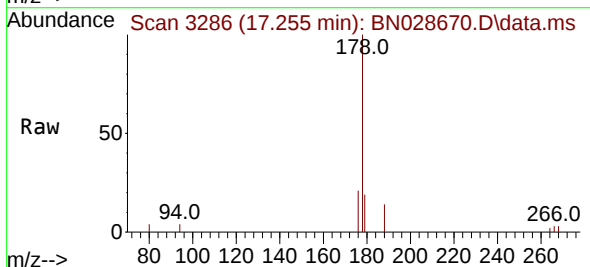
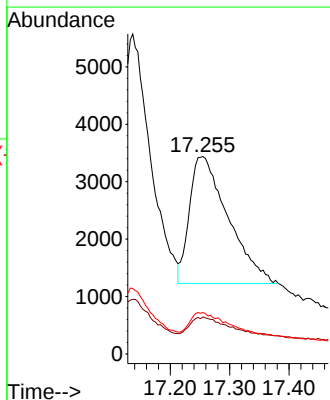
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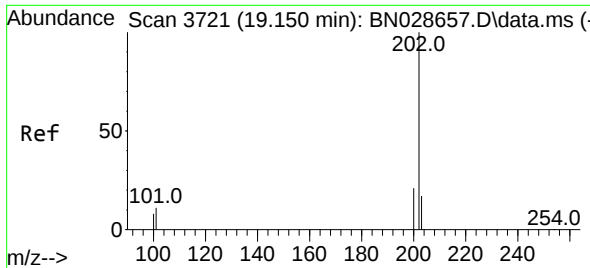
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.280 ng/ul
RT: 17.255 min Scan# 3286
Delta R.T. 0.018 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:178 Resp: 9989
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 21.0 14.9 22.3





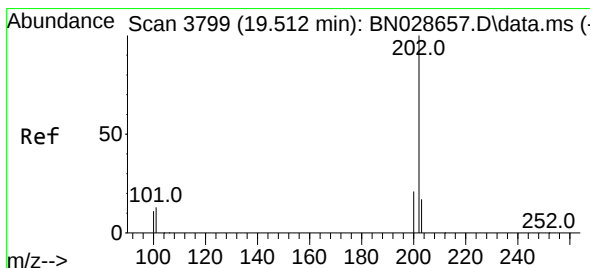
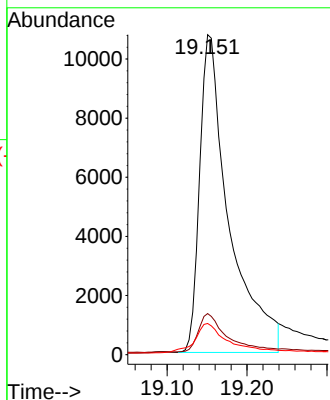
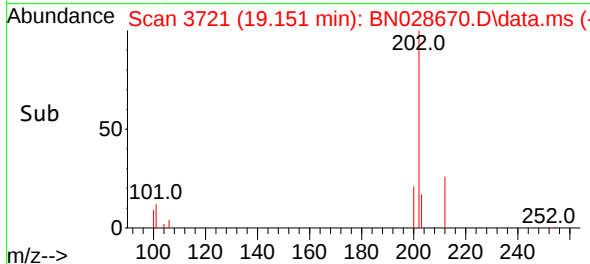
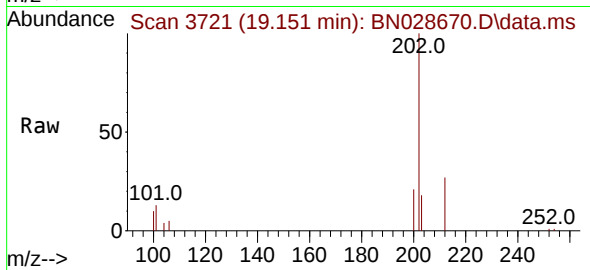
#19
Fluoranthene
Concen: 0.520 ng/u1
RT: 19.151 min Scan# 31799
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Instrument :
BNA_N
ClientSampleId :
SLCS092

Tgt Ion:202 Resp: 2743
Ion Ratio Lower Upper
202 100
101 12.9 9.5 14.3
100 9.7 7.2 10.8

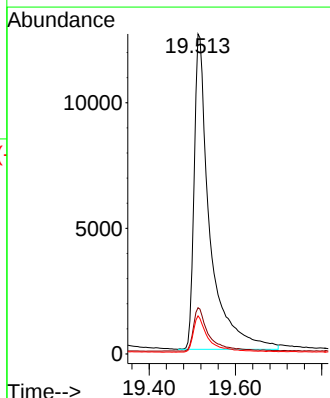
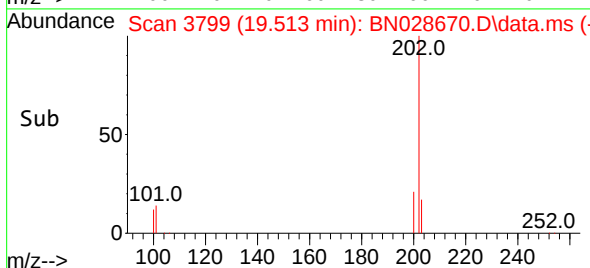
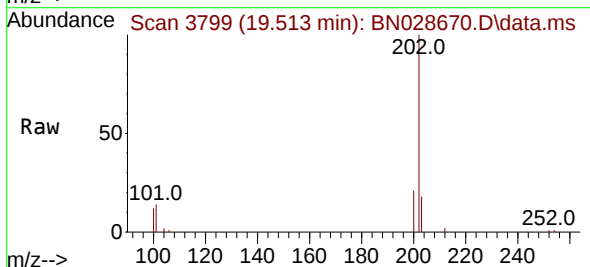
Manual Integrations
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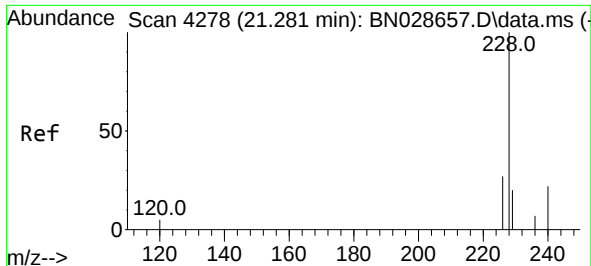
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

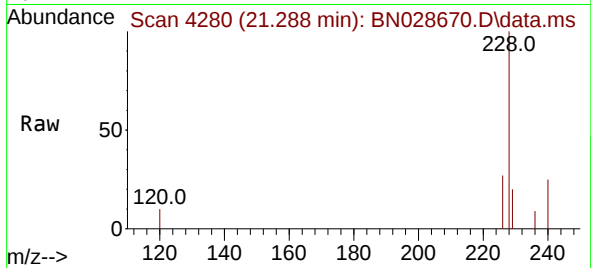
Tgt Ion:202 Resp: 31799
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.9 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.288 min Scan# 4278
Delta R.T. 0.007 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

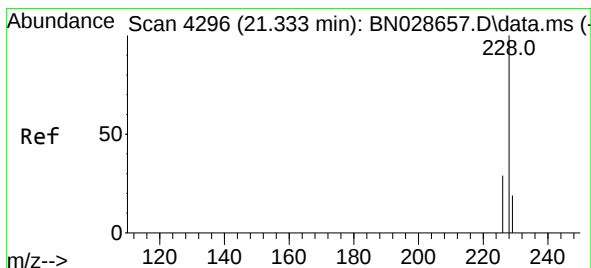
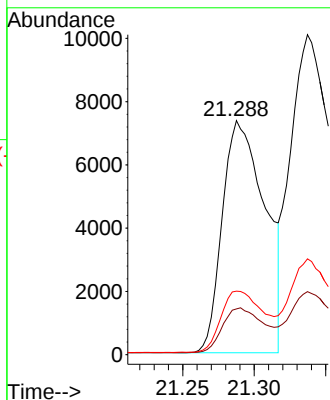
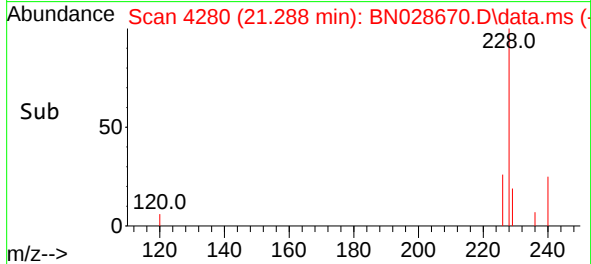
Instrument :
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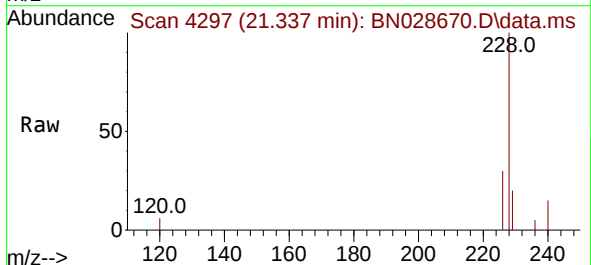
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Ion Ratio Lower Upper
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229 19.6 15.7 23.5
226 27.1 21.4 32.0

Manual Integrations
APPROVED

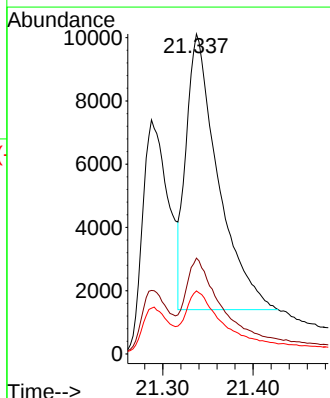
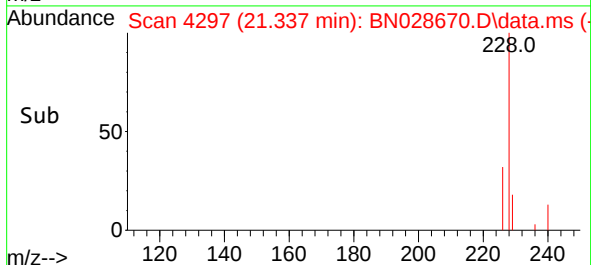
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

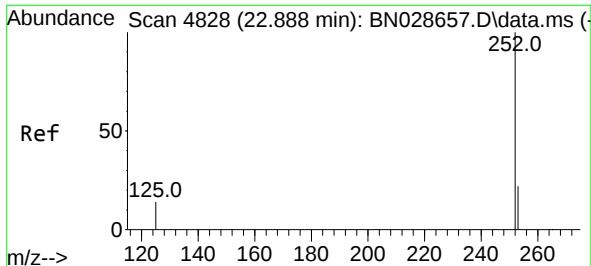


#22
Chrysene
Concen: 0.447 ng/ul
RT: 21.337 min Scan# 4297
Delta R.T. 0.004 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46



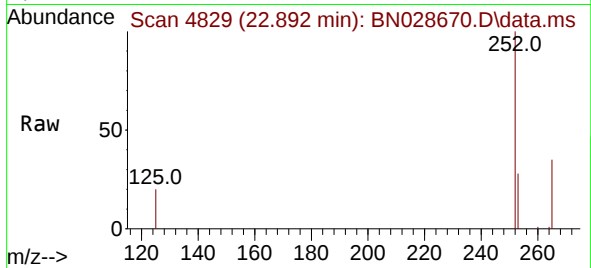
Tgt Ion:228 Resp: 21397
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.7 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 22.892 min Scan# 4829
Delta R.T. 0.004 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

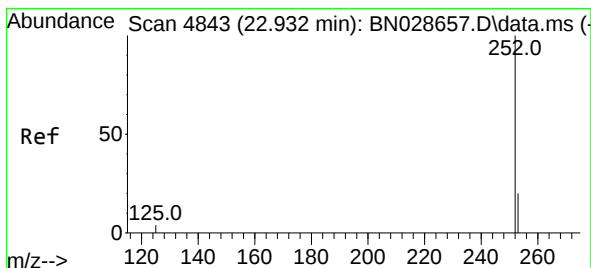
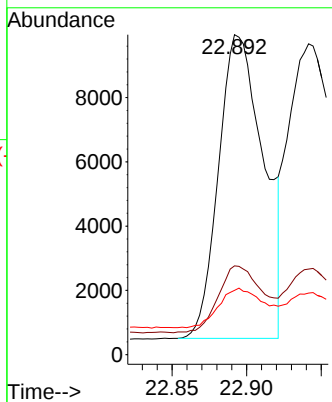
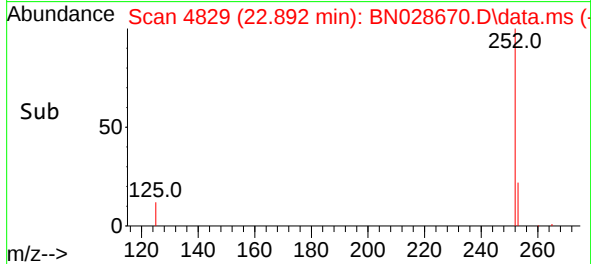
Instrument :
BNA_N
ClientSampleId :
SLCS092



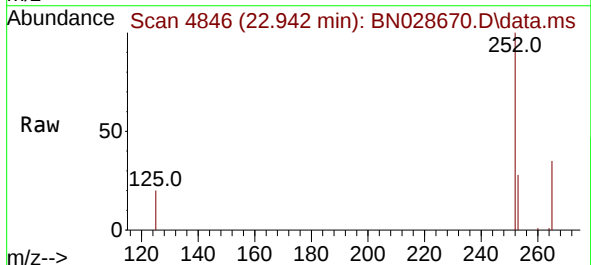
Tgt Ion:252 Resp: 1982
Ion Ratio Lower Upper
252 100
253 27.7 0.0 46.6
125 20.1 0.0 27.6

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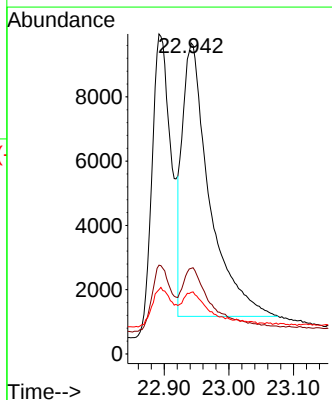
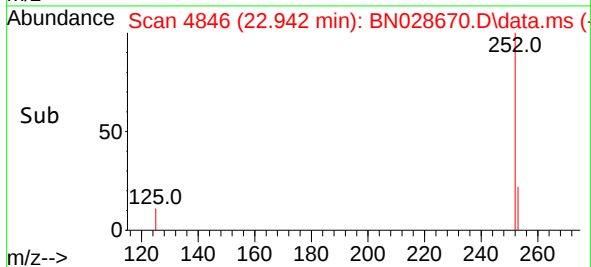
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

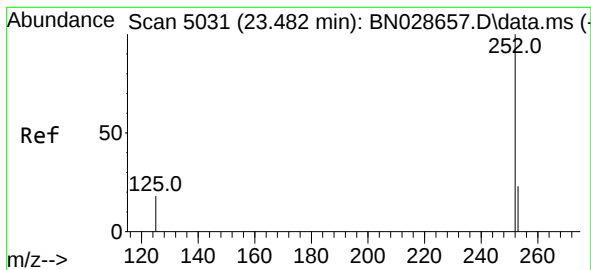


#25
Benzo(k)fluoranthene
Concen: 0.523 ng/ul
RT: 22.942 min Scan# 4846
Delta R.T. 0.010 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46



Tgt Ion:252 Resp: 24722
Ion Ratio Lower Upper
252 100
253 27.5 18.6 28.0
125 19.8 12.7 19.1#





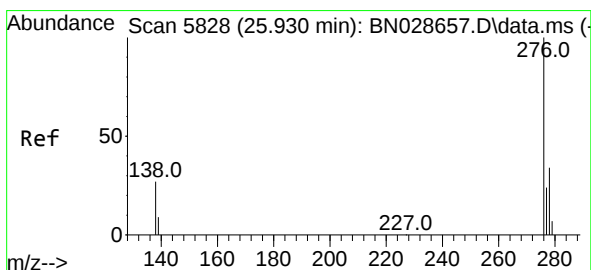
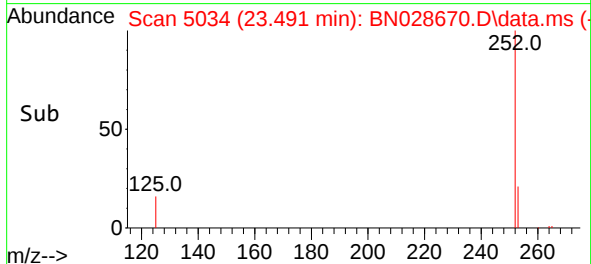
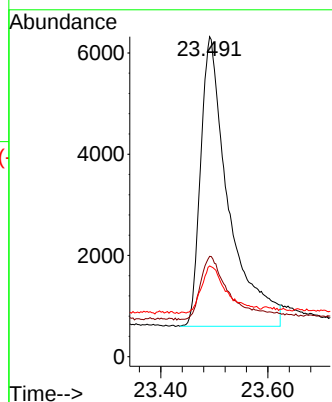
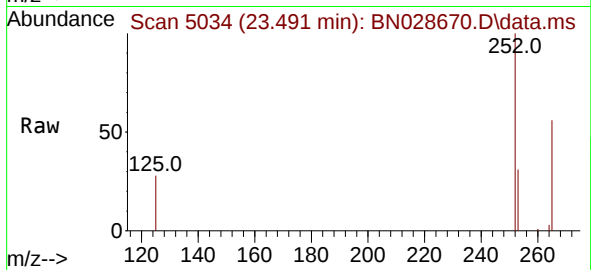
#26
Benzo(a)pyrene
Concen: 0.486 ng/ul
RT: 23.491 min Scan# 5034
Delta R.T. 0.010 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Instrument :
BNA_N
ClientSampleId :
SLCS092

Tgt Ion:252 Resp: 2068
Ion Ratio Lower Upper
252 100
253 31.4 19.0 28.6
125 28.4 13.2 19.8

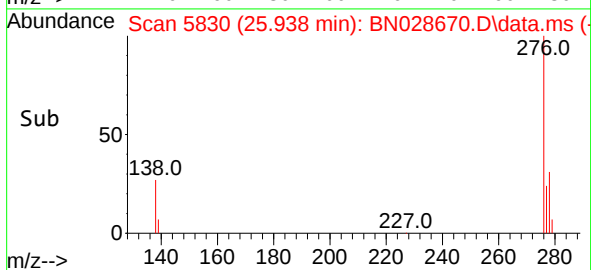
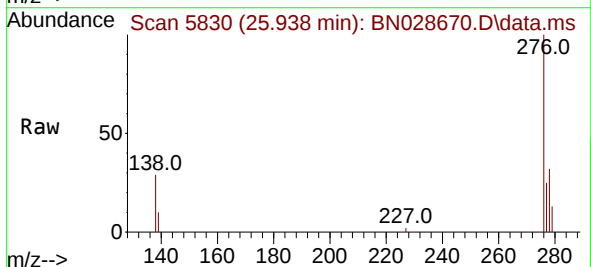
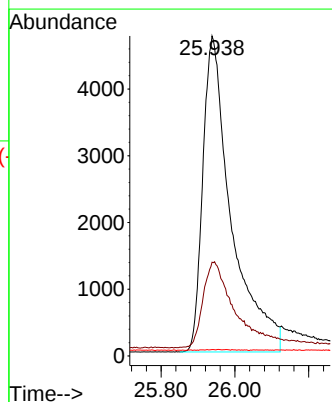
Manual Integrations
APPROVED

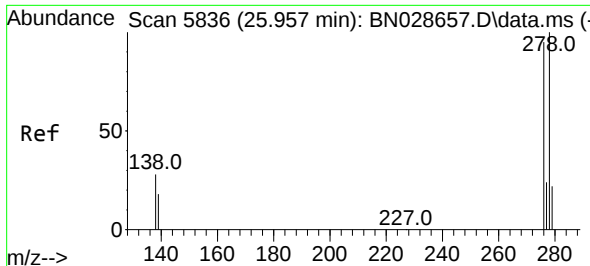
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.536 ng/ul
RT: 25.938 min Scan# 5830
Delta R.T. 0.008 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

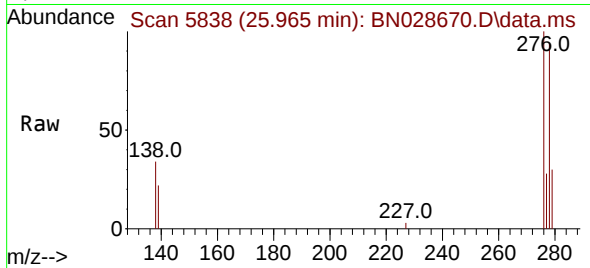
Tgt Ion:276 Resp: 25358
Ion Ratio Lower Upper
276 100
138 30.7 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 25.965 min Scan# 5836
Delta R.T. 0.008 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

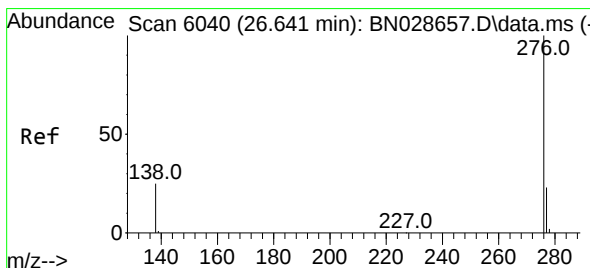
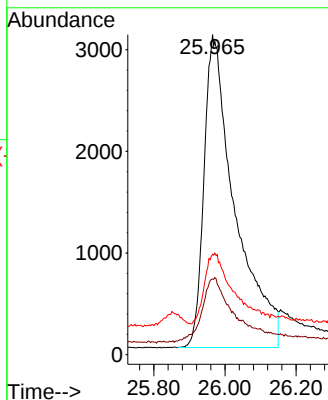
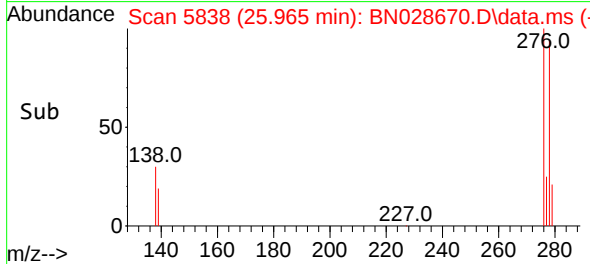
Instrument :
BNA_N
ClientSampleId :
SLCS092



Tgt Ion:278 Resp: 1855
Ion Ratio Lower Upper
278 100
139 23.7 18.2 27.4
279 31.4 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: 0.606 ng/ul
RT: 26.642 min Scan# 6040
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:276 Resp: 23484
Ion Ratio Lower Upper
276 100
138 28.6 20.5 30.7
277 25.3 19.4 29.0

