

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028669.D
 Acq On : 16 Nov 2023 18:10
 Operator : MA/JU
 Sample : PB157172BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS172

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 22:40:52 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	7.887	152	5720m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.512	136	16488m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.330	164	13141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	18636	0.400	ng/ul	0.00
17) Chrysene-d12	21.301	240	18527	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264	17428	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	4796m	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	3355	0.135	ng/ul	0.02
18) Fluoranthene-d10	19.126	212	19393	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	14582m	2.087	ng/ul	
5) Naphthalene	10.567	128	11615	0.251	ng/ul#	93
7) 2-Methylnaphthalene	12.216	142	3568	0.117	ng/ul	97
8) 1-Methylnaphthalene	12.376	142	7803	0.252	ng/ul	98
10) Acenaphthylene	14.052	152	17374	0.265	ng/ul	97
11) Acenaphthene	14.390	153	14764	0.306	ng/ul	97
12) Fluorene	15.412	166	11772	0.210	ng/ul	98
14) Pentachlorophenol	16.752	266	2336	0.522	ng/ul	99
15) Phenanthrene	17.136	178	18618	0.325	ng/ul	96
16) Anthracene	17.254	178	8822	0.168	ng/ul#	93
19) Fluoranthene	19.154	202	25001	0.317	ng/ul	98
20) Pyrene	19.517	202	29691	0.364	ng/ul	96
21) Benzo(a)anthracene	21.286	228	14766	0.202	ng/ul	98
22) Chrysene	21.336	228	21019	0.293	ng/ul	100
24) Benzo(b)fluoranthene	22.891	252	18760	0.287	ng/ul	89
25) Benzo(k)fluoranthene	22.941	252	22715	0.332	ng/ul#	90
26) Benzo(a)pyrene	23.490	252	19177	0.311	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.937	276	21602	0.315	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.971	278	15839	0.289	ng/ul#	92
29) Benzo(g,h,i)perylene	26.645	276	20180	0.359	ng/ul	95

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

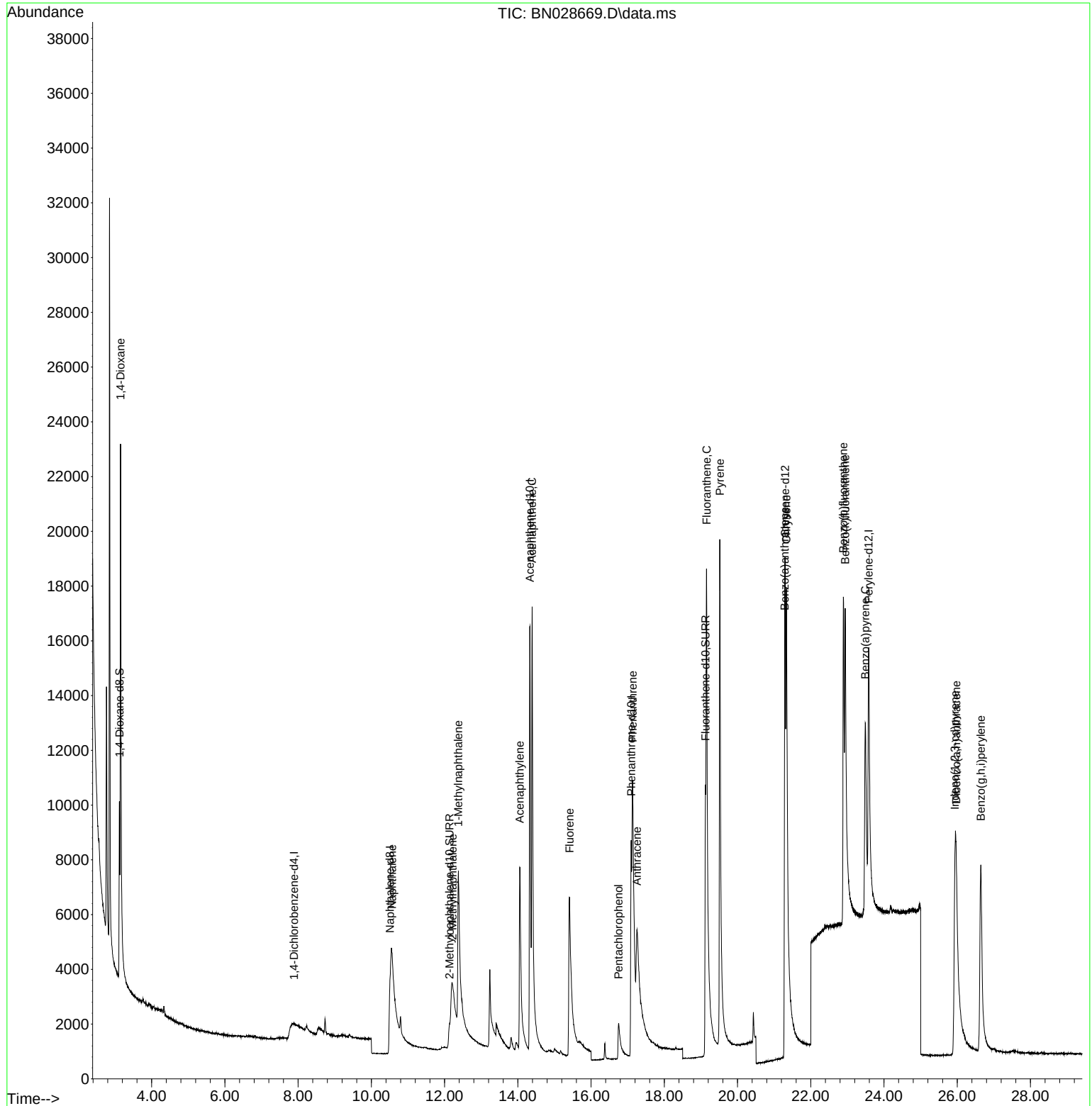
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028669.D
Acq On : 16 Nov 2023 18:10
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Misc :
ALS Vial : 36 Sample Multiplier: 1

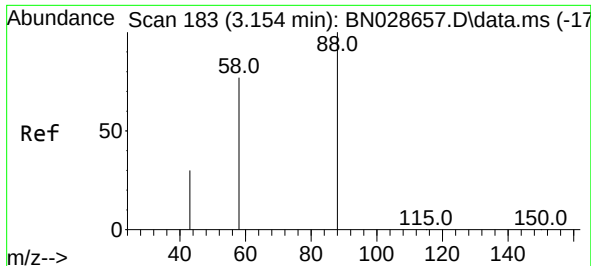
Instrument :
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SLCS172

Manual Integrations
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Supervised By :mohammad ahmed 11/20/2023

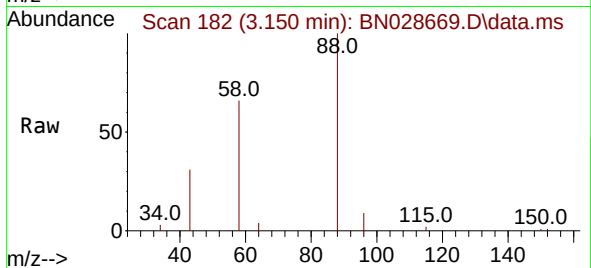
Quant Time: Nov 16 22:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.087 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

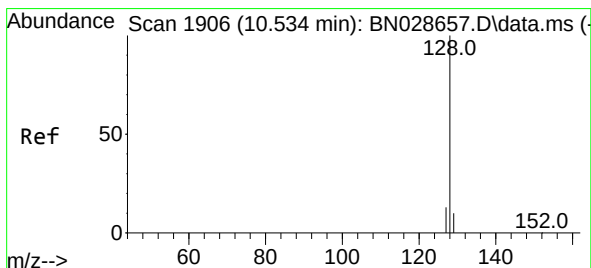
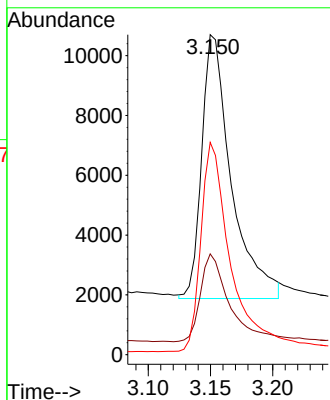
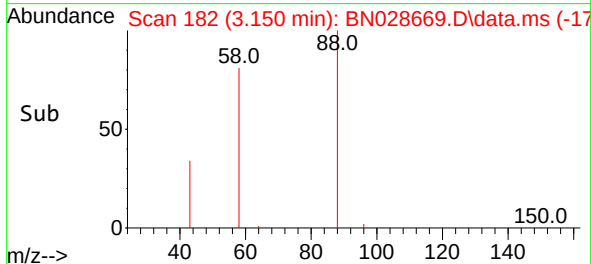
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 1458
Ion Ratio Lower Upper
88 100
43 31.5 32.9 49.3
58 66.4 41.8 62.8

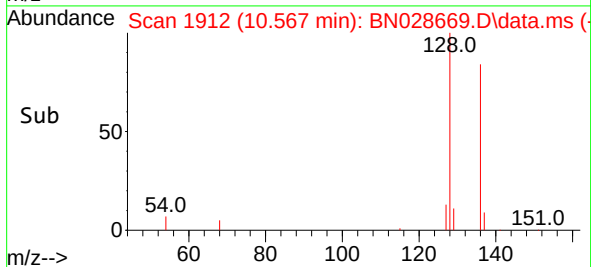
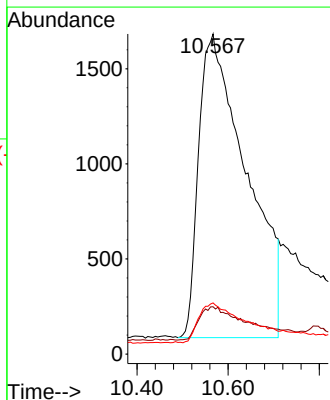
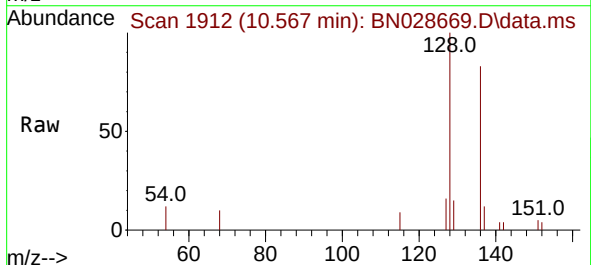
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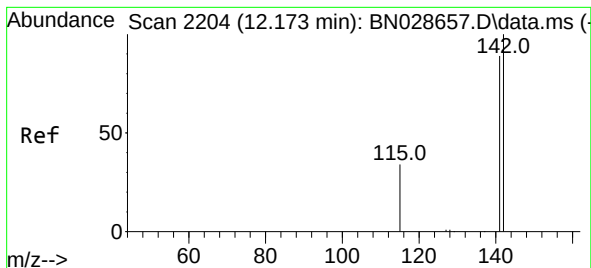
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.251 ng/ul
RT: 10.567 min Scan# 1912
Delta R.T. 0.033 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

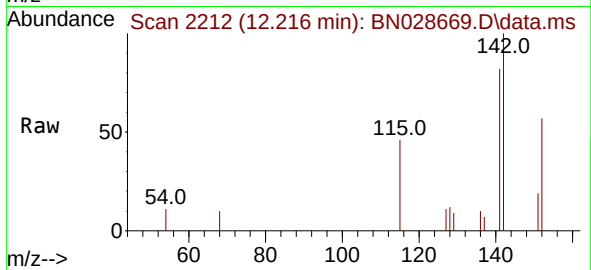
Tgt Ion:128 Resp: 11615
Ion Ratio Lower Upper
128 100
129 14.8 9.2 13.8
127 16.0 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.216 min Scan# 2212
Delta R.T. 0.044 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

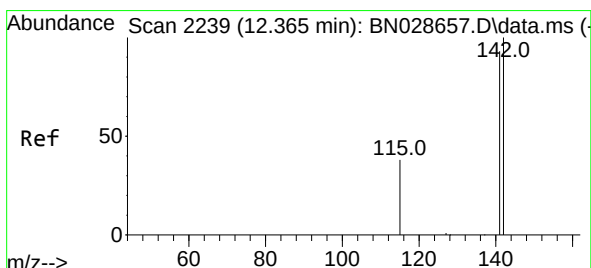
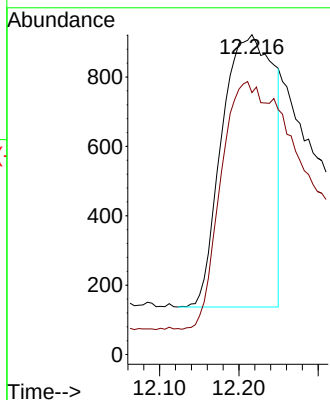
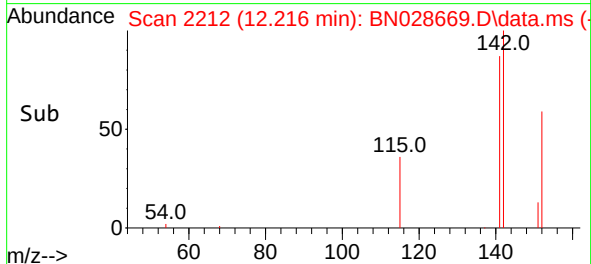
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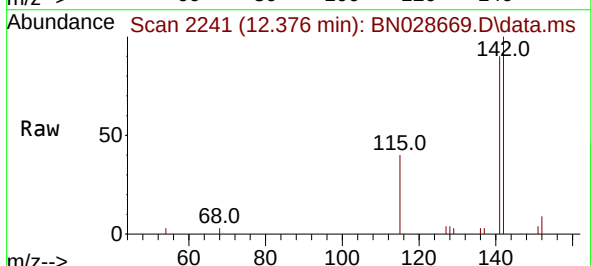
Tgt Ion:142 Resp: 3568
Ion Ratio Lower Upper
142 100
141 91.7 70.8 106.2

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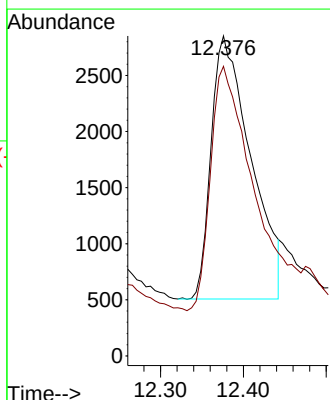
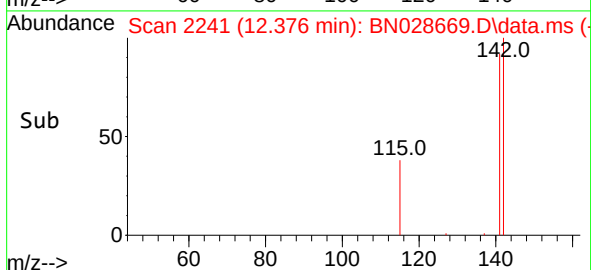
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

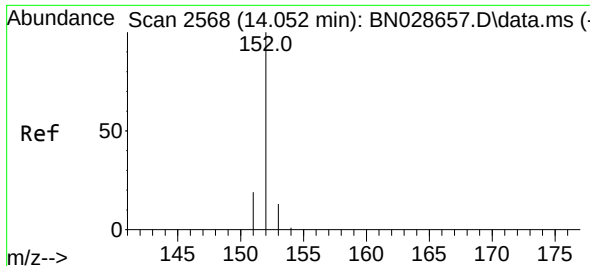


#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.011 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10



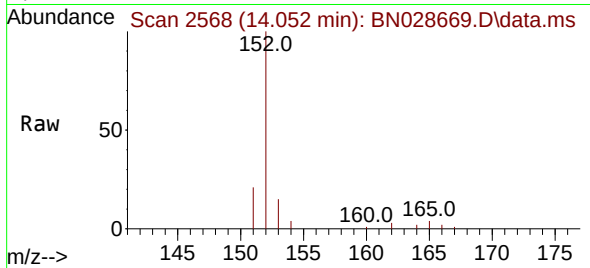
Tgt Ion:142 Resp: 7803
Ion Ratio Lower Upper
142 100
141 94.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.265 ng/ul
RT: 14.052 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

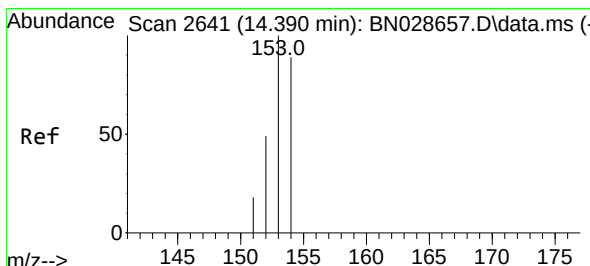
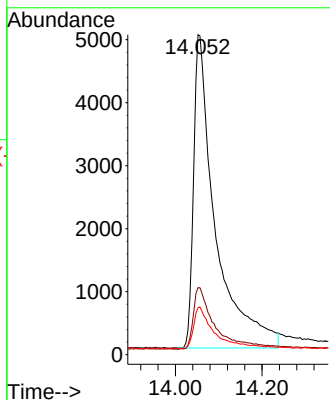
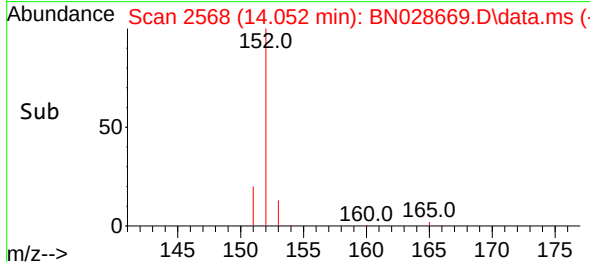
Instrument :
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ClientSampleId :
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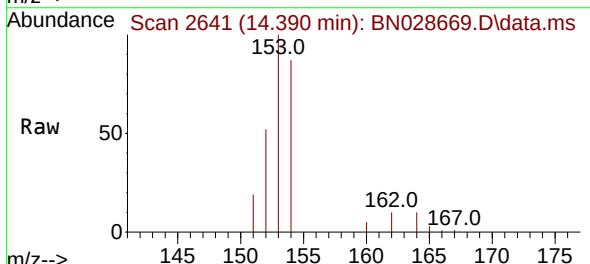
Tgt Ion:152 Resp: 17374
Ion Ratio Lower Upper
152 100
151 20.9 16.1 24.1
153 14.6 10.6 15.8

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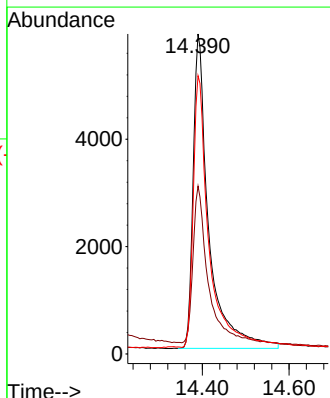
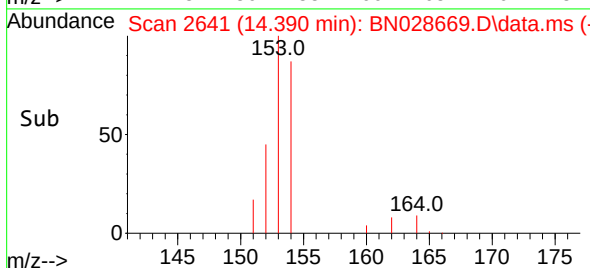
Reviewed By :Yogesh Patel 11/17/2023
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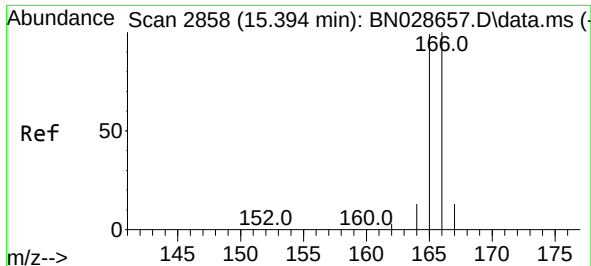


#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. -0.000 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10



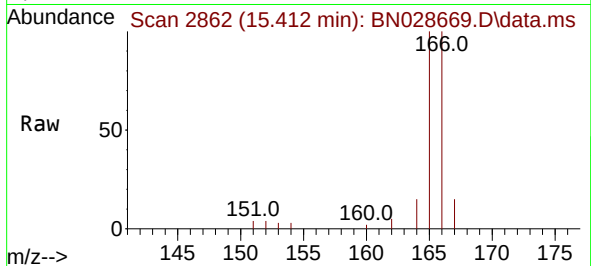
Tgt Ion:153 Resp: 14764
Ion Ratio Lower Upper
153 100
152 52.5 39.6 59.4
154 87.0 71.0 106.6





#12
Fluorene
Concen: 0.210 ng/ul
RT: 15.412 min Scan# 2177
Delta R.T. 0.018 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

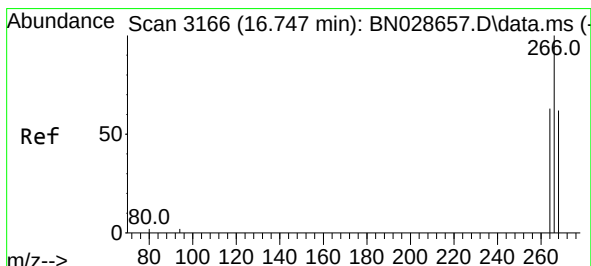
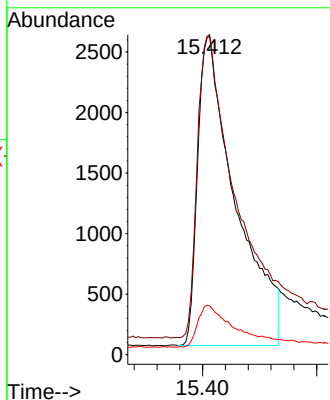
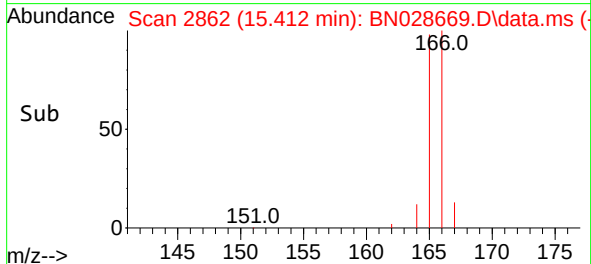
Instrument :
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ClientSampleId :
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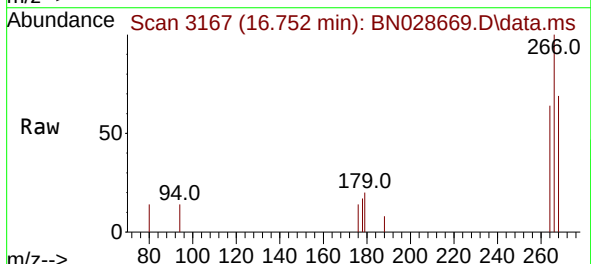
Tgt Ion:166 Resp: 11772
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 15.3 11.0 16.6

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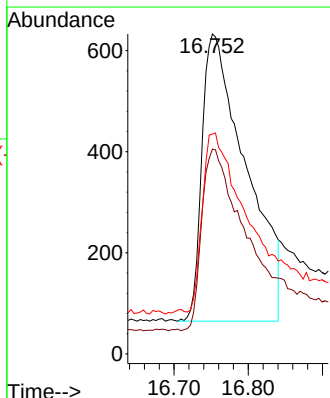
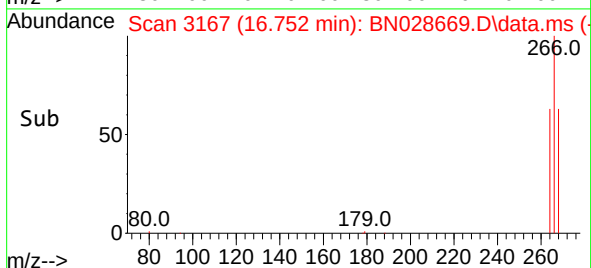
Reviewed By :Yogesh Patel 11/17/2023
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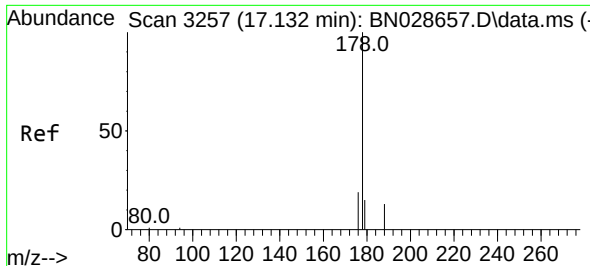


#14
Pentachlorophenol
Concen: 0.522 ng/ul
RT: 16.752 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10



Tgt Ion:266 Resp: 2336
Ion Ratio Lower Upper
266 100
264 63.2 50.1 75.1
268 62.2 50.6 75.8





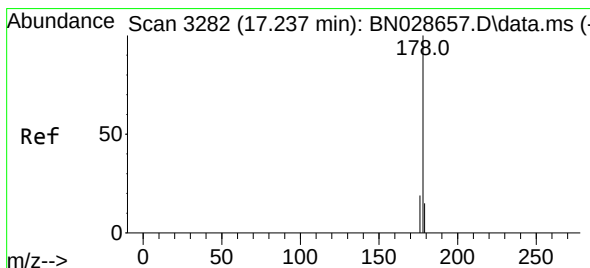
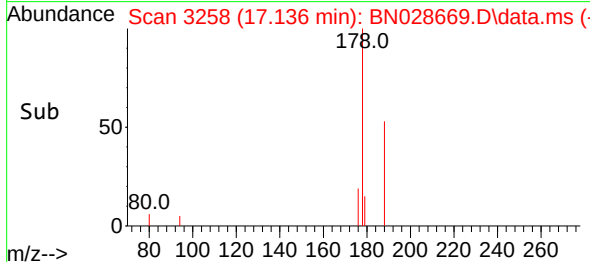
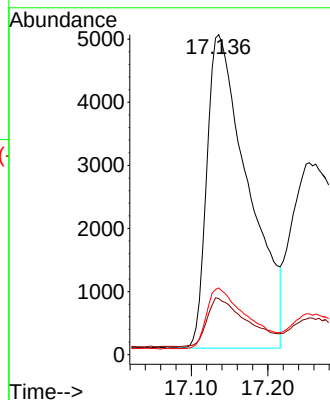
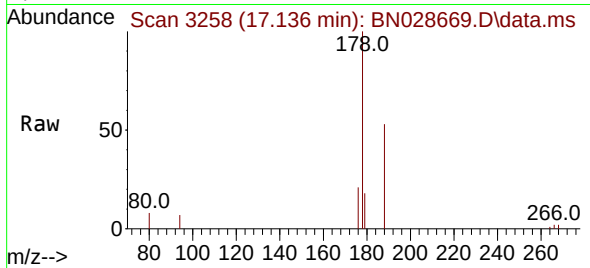
#15
Phenanthrene
Concen: 0.325 ng/ul
RT: 17.136 min Scan# 3257
Delta R.T. 0.004 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

Instrument :
BNA_N
ClientSampleId :
SLCS172

Tgt Ion:178 Resp: 18618
Ion Ratio Lower Upper
178 100
179 17.5 12.4 18.6
176 20.9 15.4 23.2

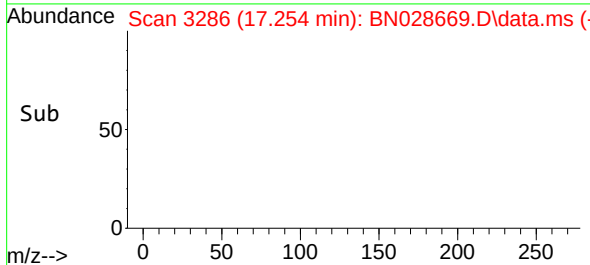
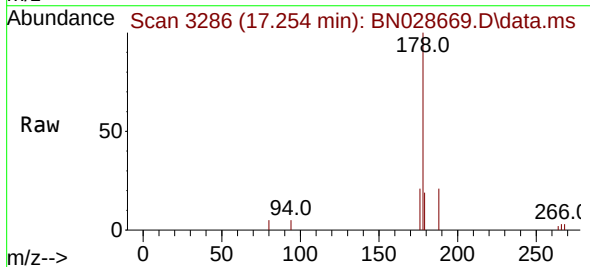
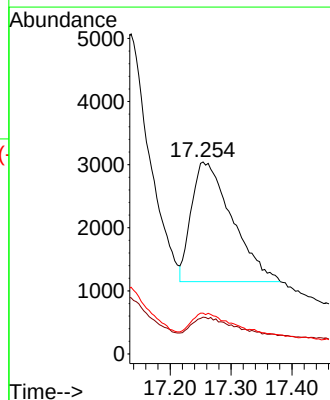
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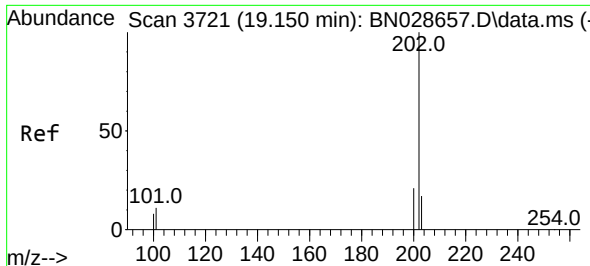
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.168 ng/ul
RT: 17.254 min Scan# 3286
Delta R.T. 0.017 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

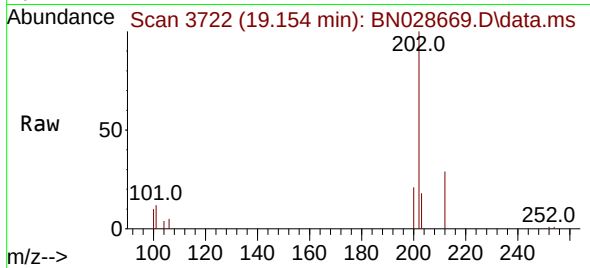
Tgt Ion:178 Resp: 8822
Ion Ratio Lower Upper
178 100
179 19.2 12.6 18.8#
176 21.2 14.9 22.3





#19
Fluoranthene
Concen: 0.317 ng/u1
RT: 19.154 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

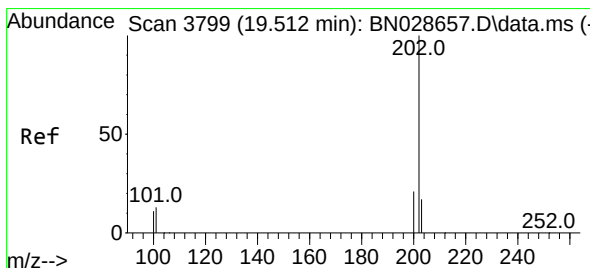
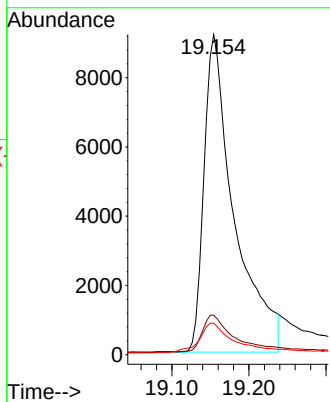
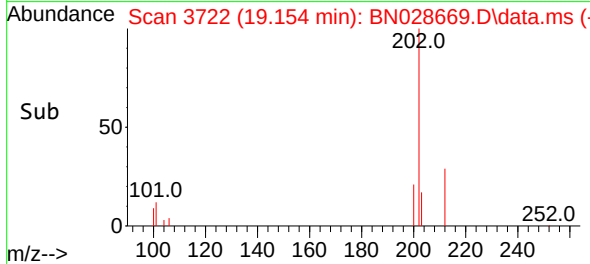
Instrument :
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Tgt Ion:202 Resp: 2500
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.9 7.2 10.8

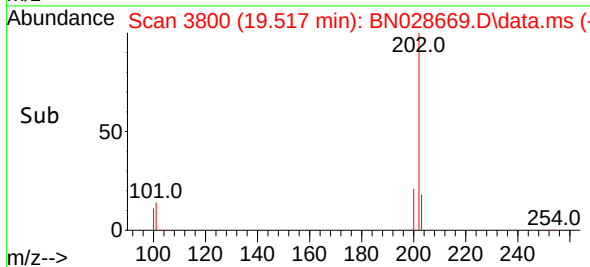
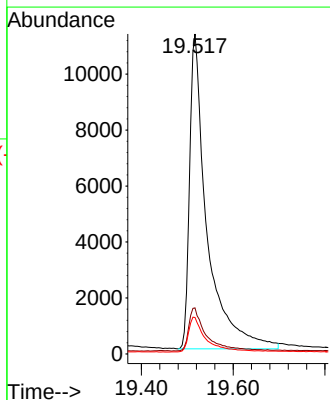
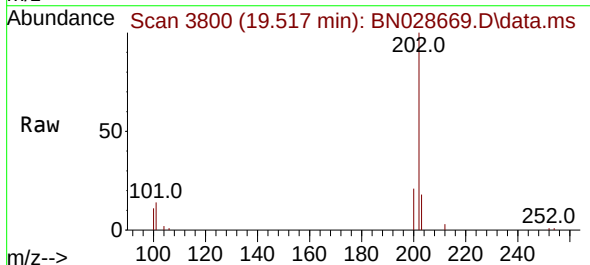
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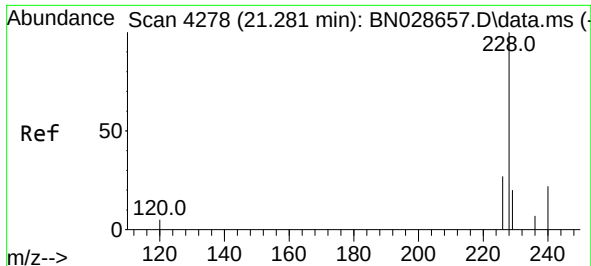
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.364 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.005 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

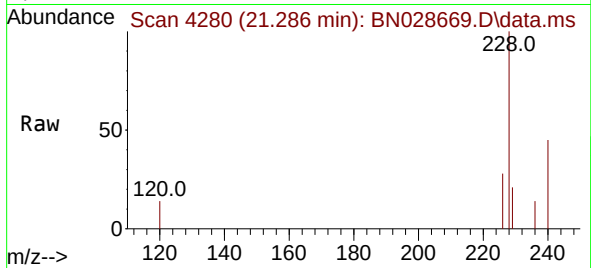
Tgt Ion:202 Resp: 29691
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.4 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.202 ng/u1
RT: 21.286 min Scan# 4278
Delta R.T. 0.006 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

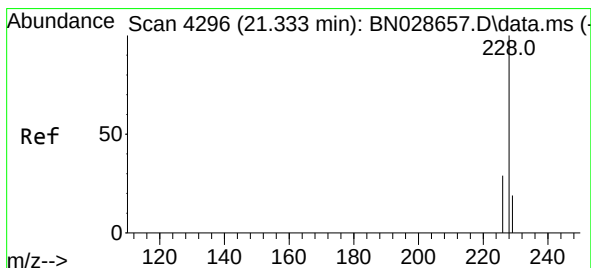
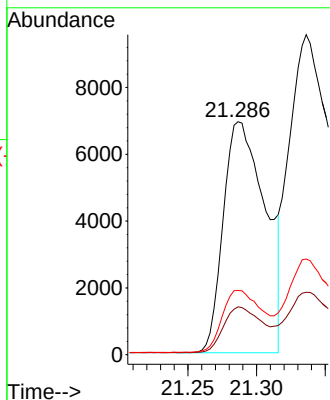
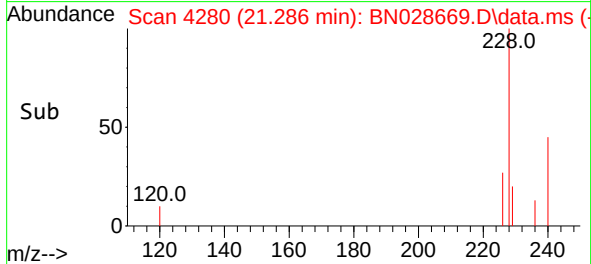
Instrument :
BNA_N
ClientSampleId :
SLCS172



Tgt Ion:228 Resp: 14760
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.6 21.4 32.0

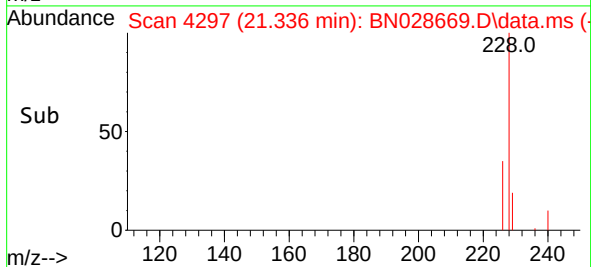
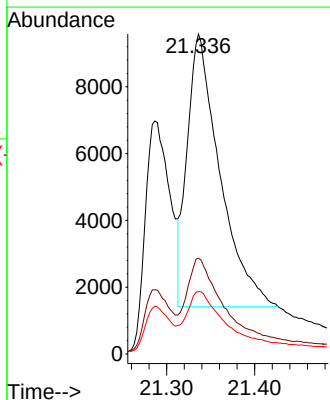
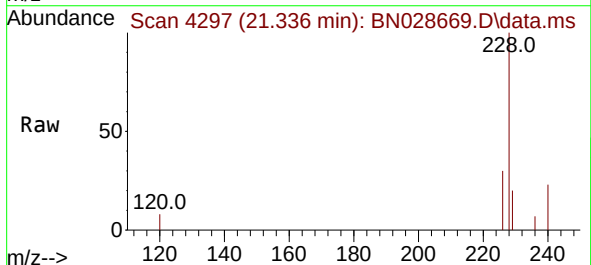
Manual Integrations
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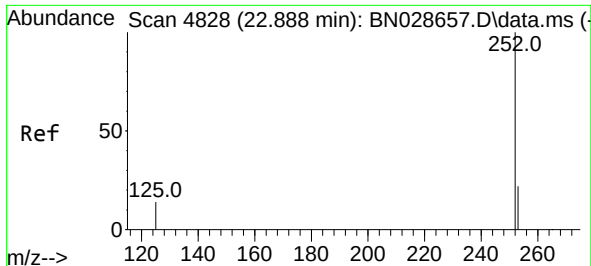
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.293 ng/u1
RT: 21.336 min Scan# 4297
Delta R.T. 0.003 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

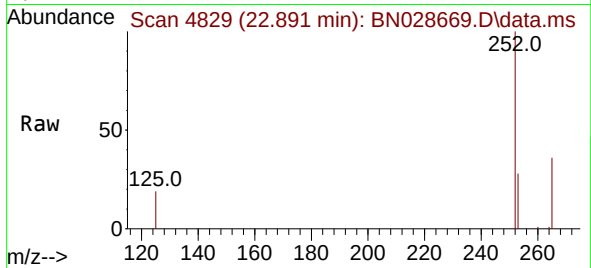
Tgt Ion:228 Resp: 21019
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.5 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.287 ng/ul
RT: 22.891 min Scan# 4829
Delta R.T. 0.003 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

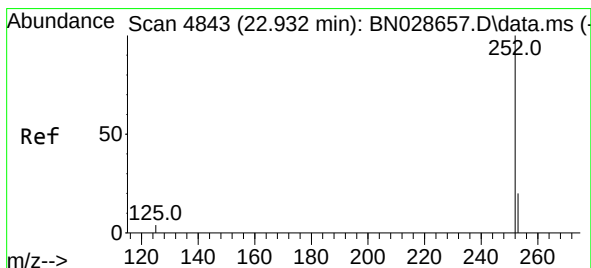
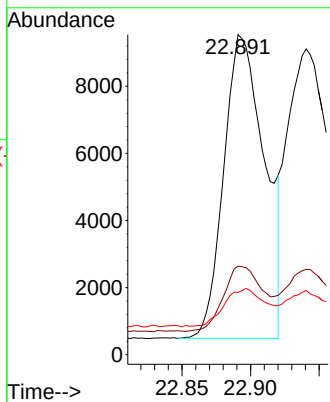
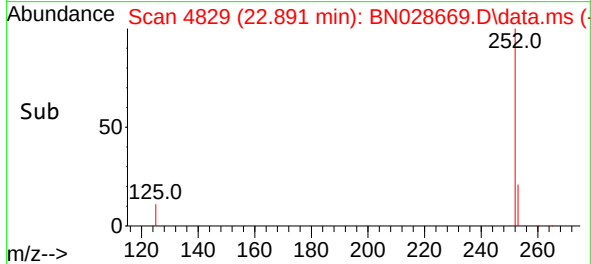
Instrument :
BNA_N
ClientSampleId :
SLCS172



Tgt Ion:252 Resp: 18760
Ion Ratio Lower Upper
252 100
253 27.7 0.0 46.6
125 19.4 0.0 27.6

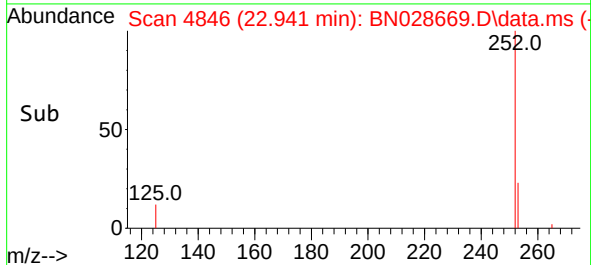
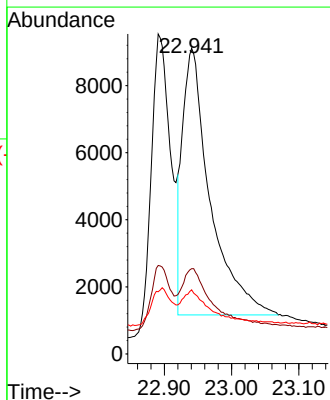
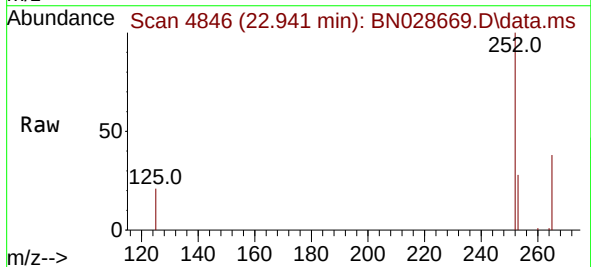
Manual Integrations
APPROVED

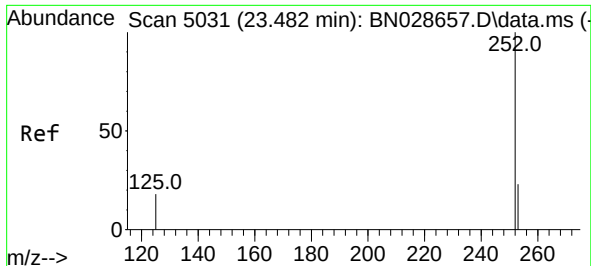
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 22.941 min Scan# 4846
Delta R.T. 0.009 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

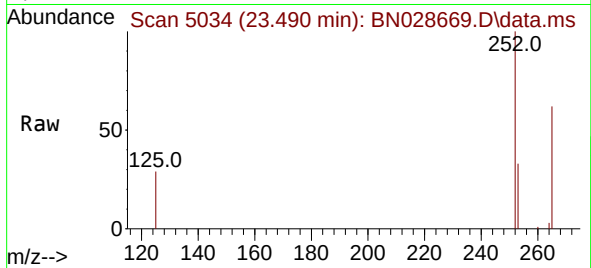
Tgt Ion:252 Resp: 22715
Ion Ratio Lower Upper
252 100
253 27.9 18.6 28.0
125 21.0 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.490 min Scan# 5031
Delta R.T. 0.009 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

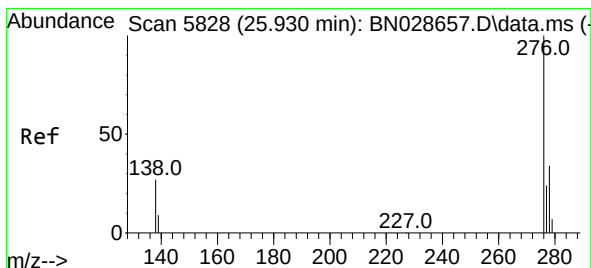
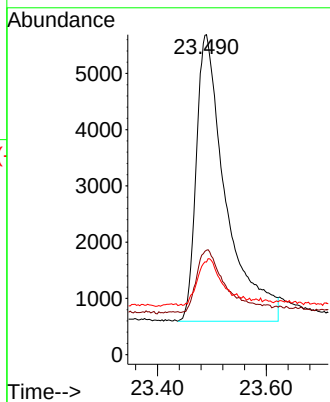
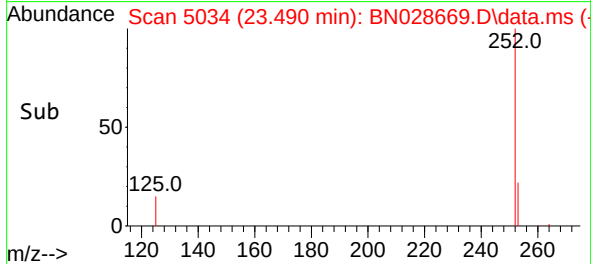
Instrument :
BNA_N
ClientSampleId :
SLCS172



Tgt Ion:252 Resp: 1917
Ion Ratio Lower Upper
252 100
253 32.6 19.0 28.6
125 29.0 13.2 19.8

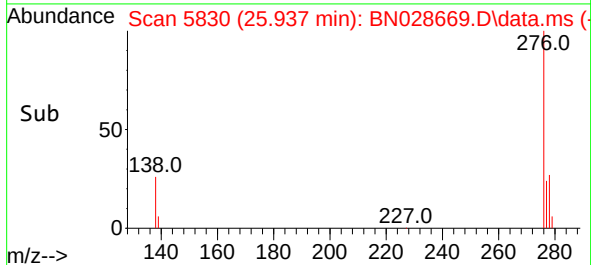
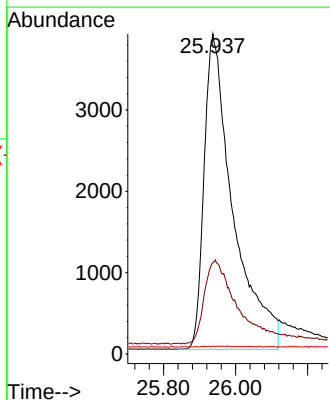
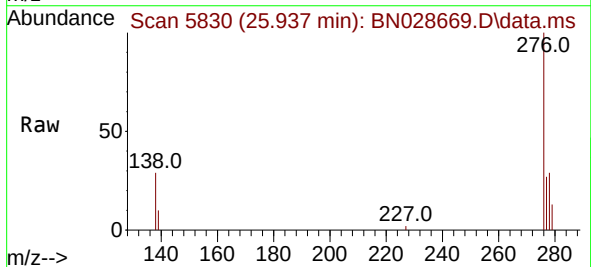
Manual Integrations
APPROVED

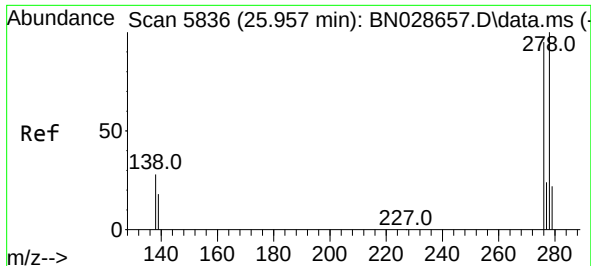
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 25.937 min Scan# 5830
Delta R.T. 0.007 min
Lab File: BN028669.D
Acq: 16 Nov 2023 18:10

Tgt Ion:276 Resp: 21602
Ion Ratio Lower Upper
276 100
138 30.1 23.8 35.6
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.289 ng/ul

RT: 25.971 min Scan# 5840

Delta R.T. 0.013 min

Lab File: BN028669.D

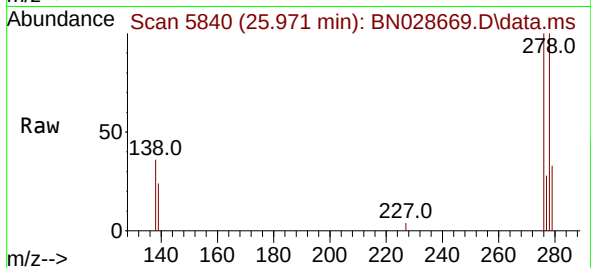
Acq: 16 Nov 2023 18:10

Instrument :

BNA_N

ClientSampleId :

SLCS172



Tgt Ion: 278 Resp: 15839

Ion Ratio Lower Upper

278 100

139 23.8 18.2 27.4

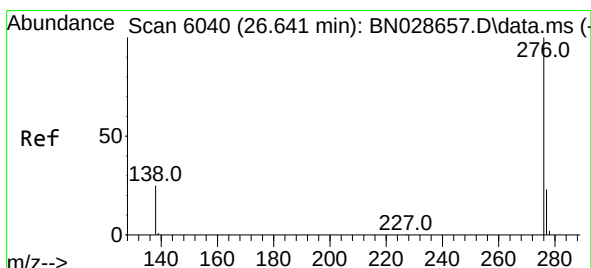
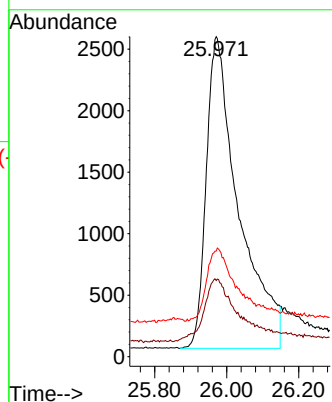
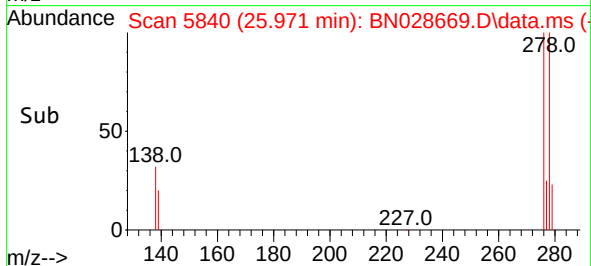
279 33.0 20.7 31.1

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 11/17/2023

Supervised By : mohammad ahmed 11/20/2023



#29

Benzo(g,h,i)perylene

Concen: 0.359 ng/ul

RT: 26.645 min Scan# 6041

Delta R.T. 0.003 min

Lab File: BN028669.D

Acq: 16 Nov 2023 18:10

Tgt Ion: 276 Resp: 20180

Ion Ratio Lower Upper

276 100

138 28.9 20.5 30.7

277 26.0 19.4 29.0

