

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028699.D
 Acq On : 17 Nov 2023 13:16
 Operator : MA/JU
 Sample : PB157168BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS168

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 13:56:52 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 : 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	7.846	152	6721m	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.512	136	20882	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.325	164	14781	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	22031	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	18265	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	17145	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	6286	0.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	5688	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.122	212	21931	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	18415	2.243	ng/ul#	81
5) Naphthalene	10.561	128	16864	0.288	ng/ul#	95
7) 2-Methylnaphthalene	12.206	142	9618m	0.249	ng/ul	
8) 1-Methylnaphthalene	12.376	142	10460	0.267	ng/ul	98
10) Acenaphthylene	14.057	152	21448	0.291	ng/ul	98
11) Acenaphthene	14.390	153	17755	0.327	ng/ul	99
12) Fluorene	15.403	166	14990	0.237	ng/ul	98
14) Pentachlorophenol	16.748	266	3335	0.631	ng/ul	99
15) Phenanthrene	17.136	178	23201	0.343	ng/ul	97
16) Anthracene	17.254	178	11922	0.192	ng/ul	95
19) Fluoranthene	19.150	202	28482	0.367	ng/ul	98
20) Pyrene	19.517	202	33168	0.412	ng/ul	97
21) Benzo(a)anthracene	21.290	228	16170	0.224	ng/ul	99
22) Chrysene	21.336	228	23040	0.326	ng/ul	99
24) Benzo(b)fluoranthene	22.894	252	20396	0.317	ng/ul	89
25) Benzo(k)fluoranthene	22.944	252	24936	0.370	ng/ul#	90
26) Benzo(a)pyrene	23.488	252	21249	0.350	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.937	276	25739	0.382	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.967	278	19304	0.358	ng/ul#	93
29) Benzo(g,h,i)perylene	26.642	276	23554	0.426	ng/ul	96

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

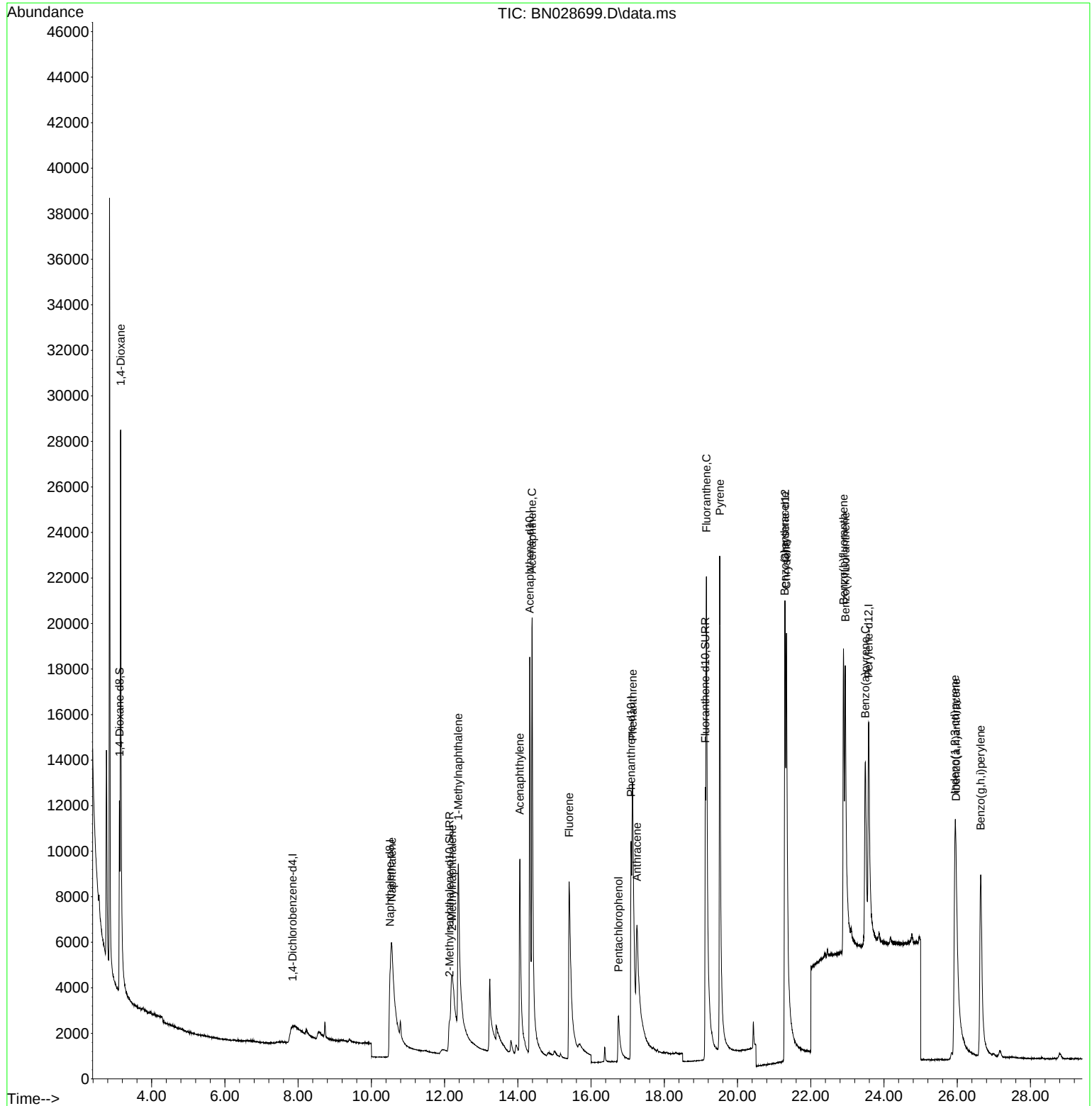
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028699.D
Acq On : 17 Nov 2023 13:16
Operator : MA/JU
Sample : PB157168BS
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ALS Vial : 66 Sample Multiplier: 1

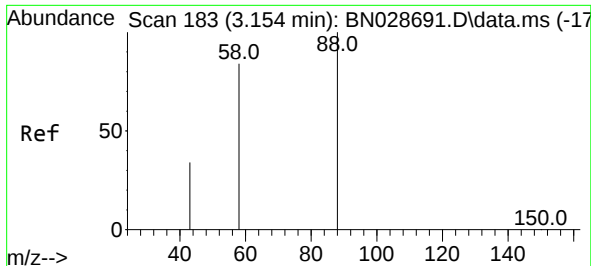
Instrument :
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Supervised By :mohammad ahmed 11/20/2023

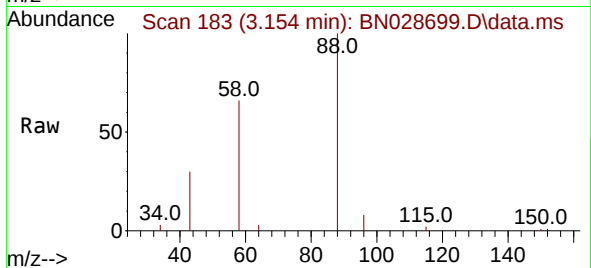
Quant Time: Nov 17 13:56:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.243 ng/ul
RT: 3.154 min Scan# 183
Delta R.T. 0.000 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

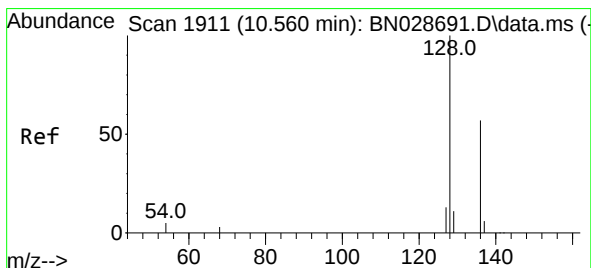
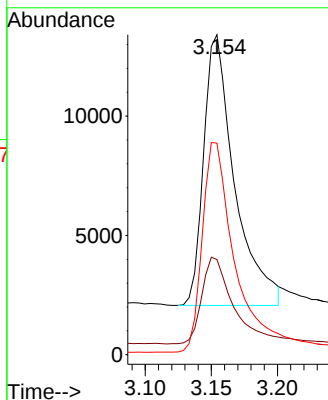
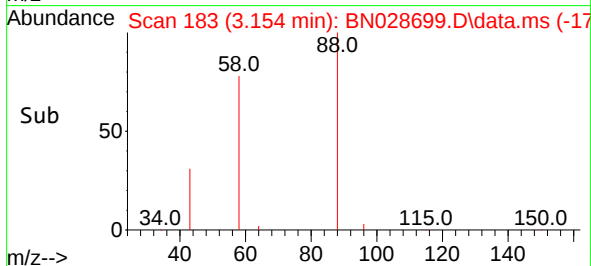
Instrument :
BNA_N
ClientSampleId :
SLCS168



Tgt Ion: 88 Resp: 18415
Ion Ratio Lower Upper
88 100
43 29.7 32.9 49.3
58 66.1 41.8 62.8

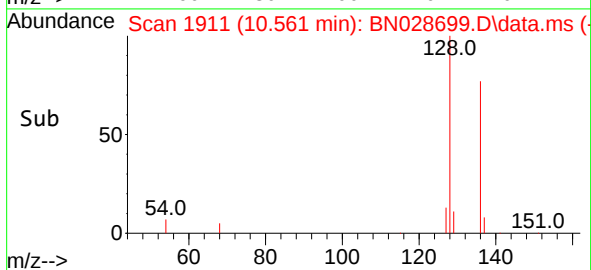
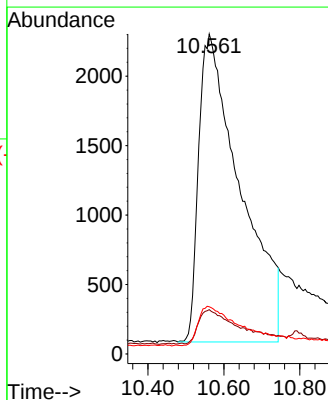
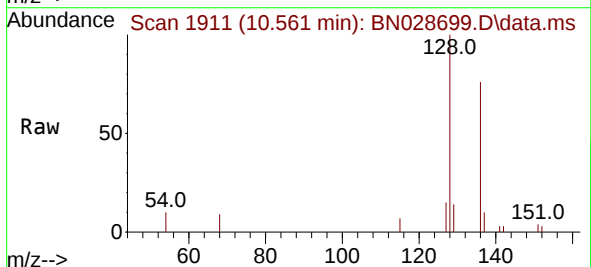
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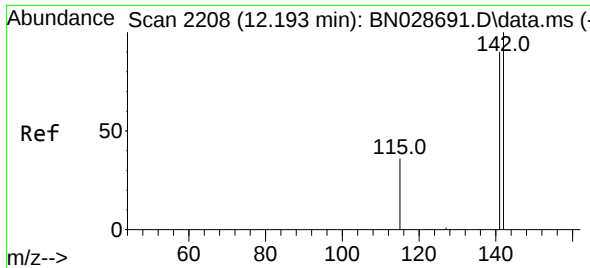
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.288 ng/ul
RT: 10.561 min Scan# 1911
Delta R.T. 0.002 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

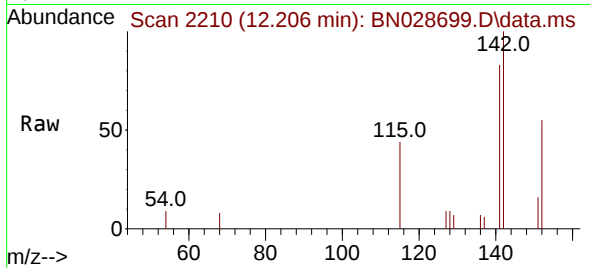
Tgt Ion:128 Resp: 16864
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.8 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.249 ng/ul m
RT: 12.206 min Scan# 2110
Delta R.T. 0.013 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

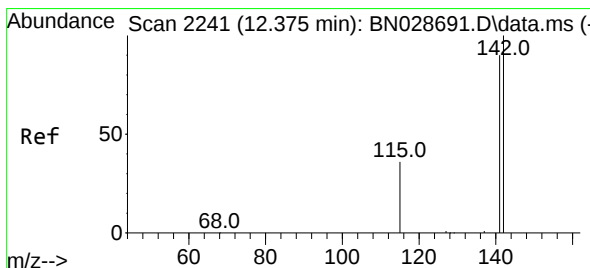
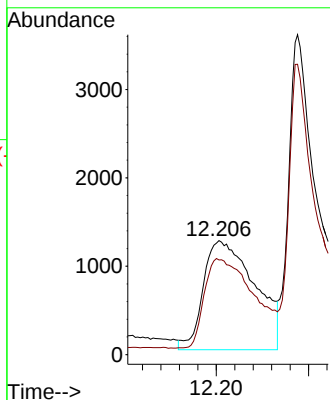
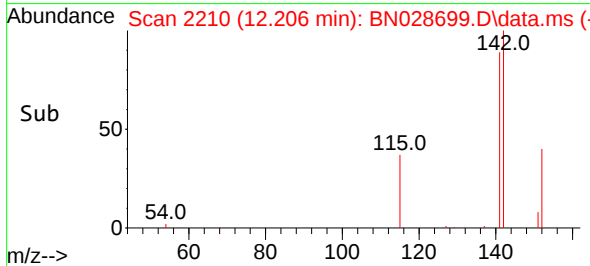
Instrument :
BNA_N
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Tgt Ion:142 Resp: 9618
Ion Ratio Lower Upper
142 100
141 62.2 70.8 106.2

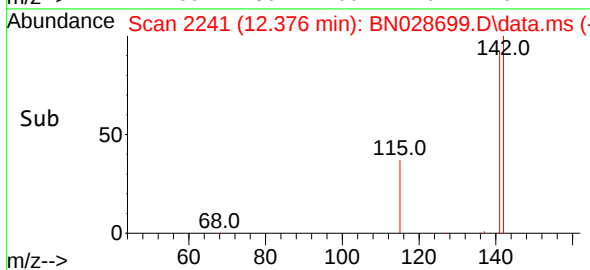
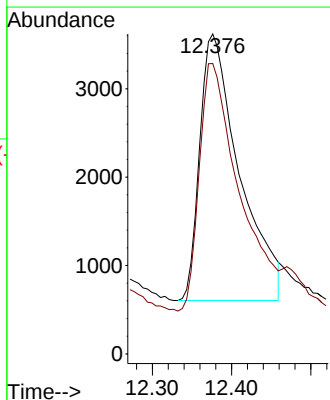
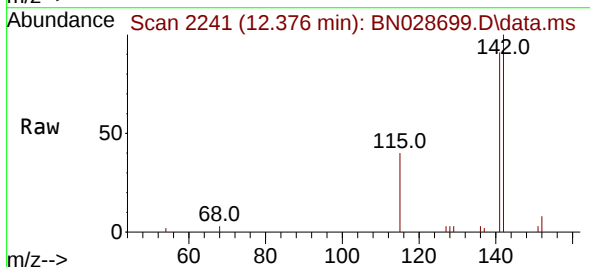
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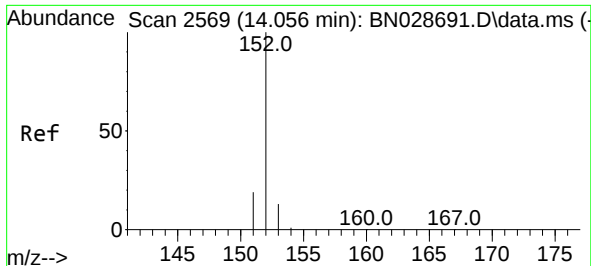
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#8
1-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

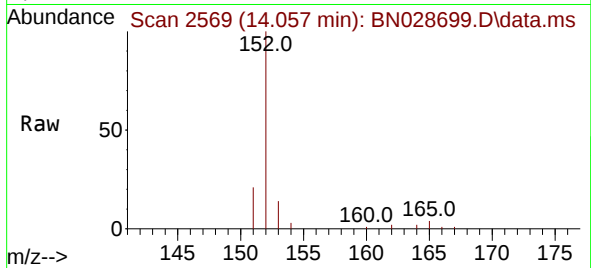
Tgt Ion:142 Resp: 10460
Ion Ratio Lower Upper
142 100
141 94.3 74.1 111.1





#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.057 min Scan# 2144
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

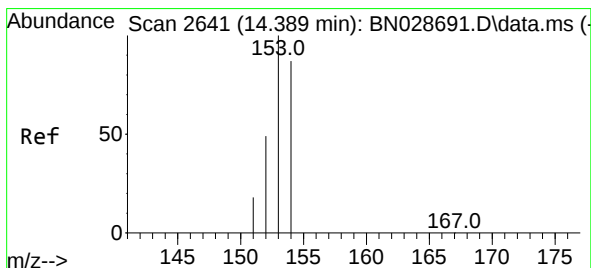
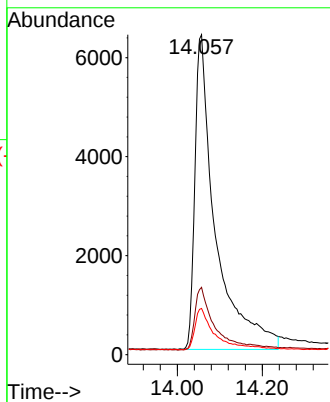
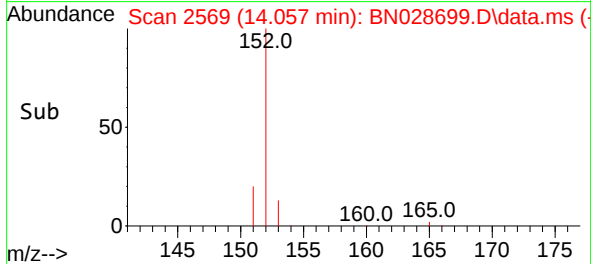
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 2144
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.4 10.6 15.8

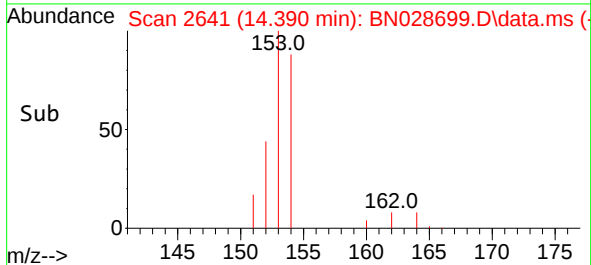
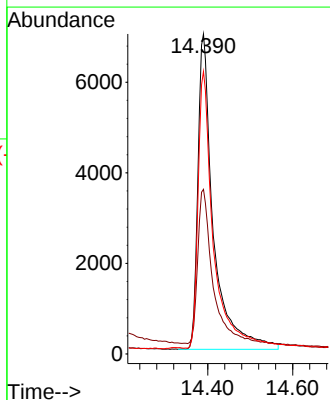
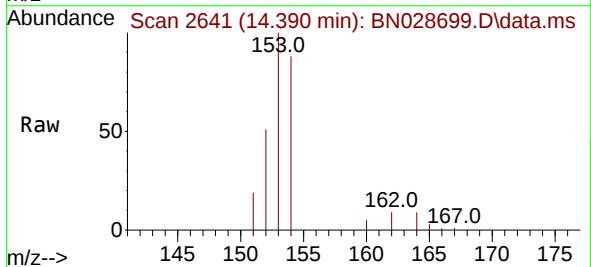
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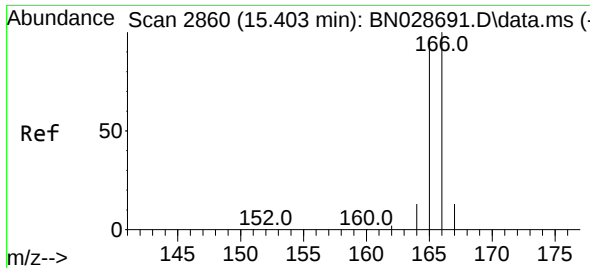
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

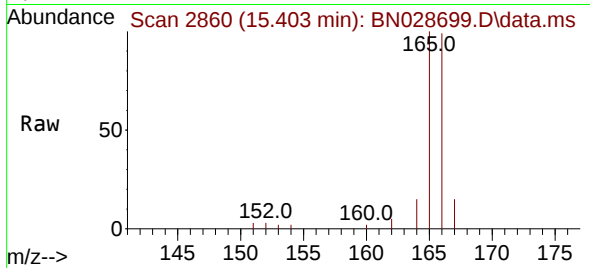
Tgt Ion:153 Resp: 17755
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 88.3 71.0 106.6





#12
Fluorene
Concen: 0.237 ng/ul
RT: 15.403 min Scan# 2860
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

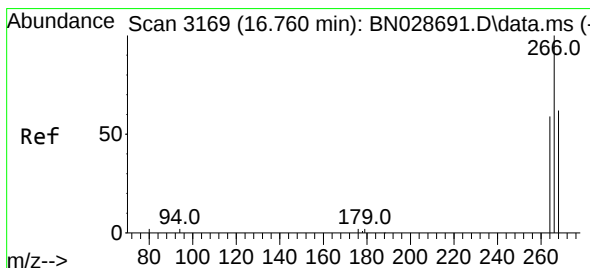
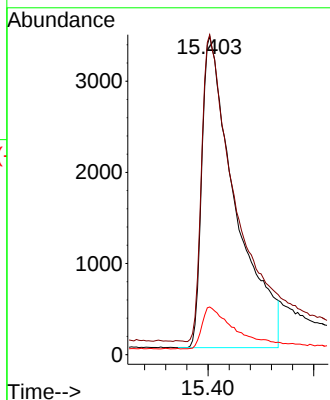
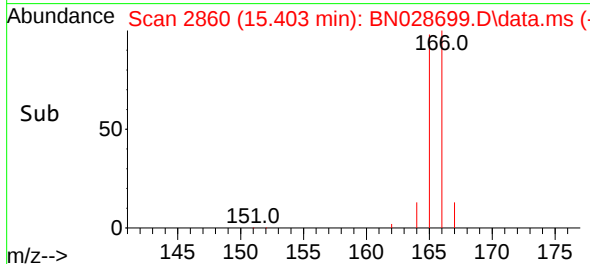
Instrument :
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ClientSampleId :
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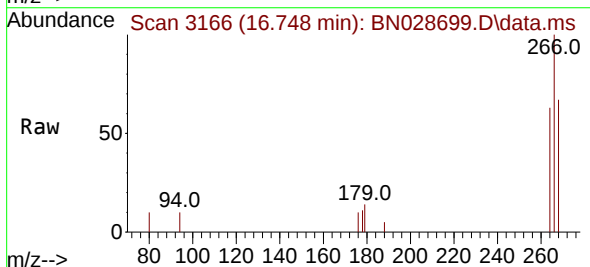
Tgt Ion:166 Resp: 14990
Ion Ratio Lower Upper
166 100
165 100.5 78.6 118.0
167 15.0 11.0 16.6

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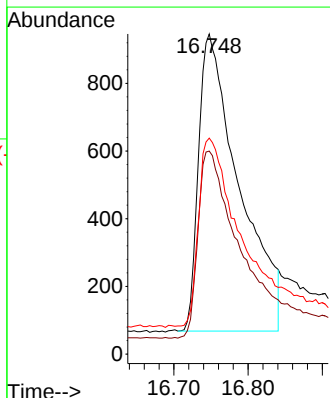
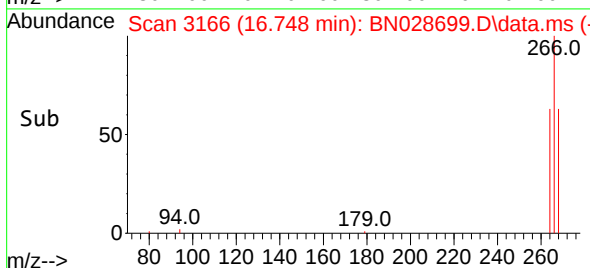
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

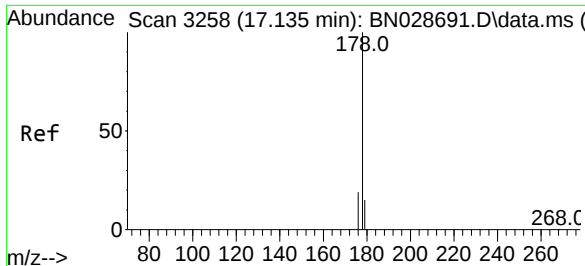


#14
Pentachlorophenol
Concen: 0.631 ng/ul
RT: 16.748 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16



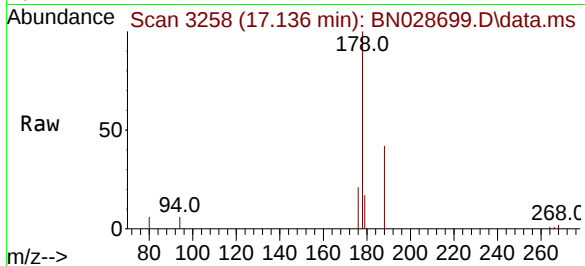
Tgt Ion:266 Resp: 3335
Ion Ratio Lower Upper
266 100
264 63.7 50.1 75.1
268 63.9 50.6 75.8





#15
Phenanthrene
Concen: 0.343 ng/u1
RT: 17.136 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

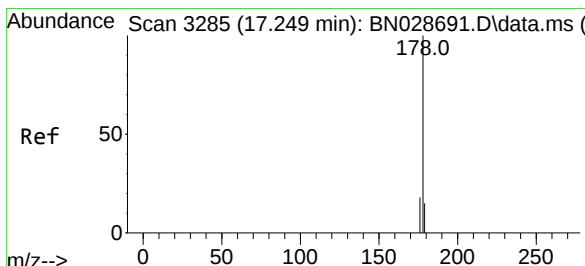
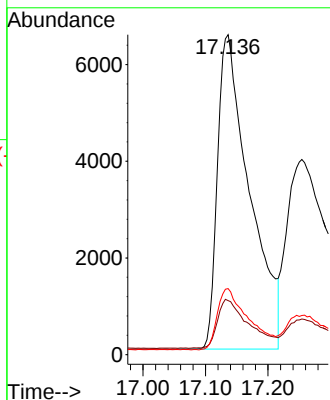
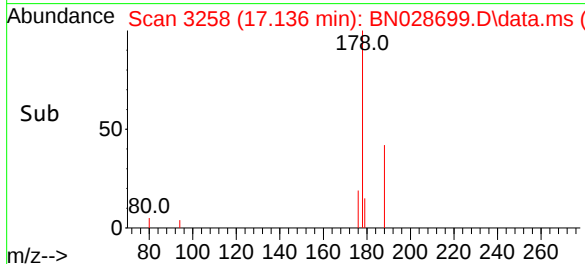
Instrument :
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SLCS168



Tgt Ion:178 Resp: 2320
Ion Ratio Lower Upper
178 100
179 16.9 12.4 18.6
176 20.7 15.4 23.2

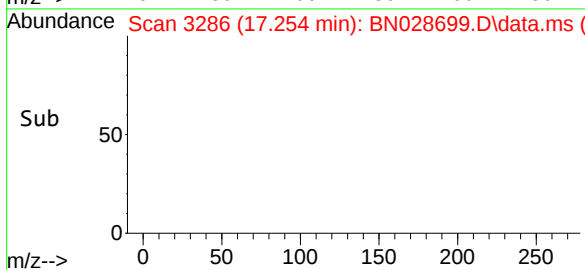
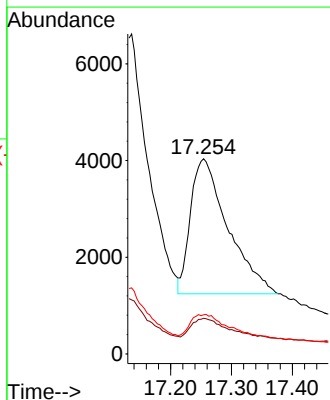
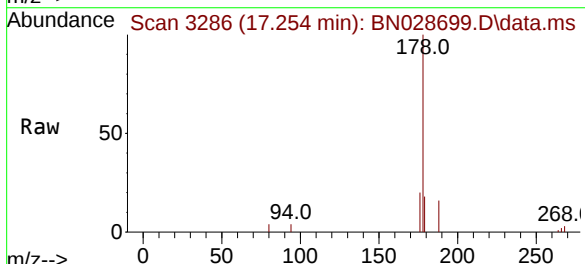
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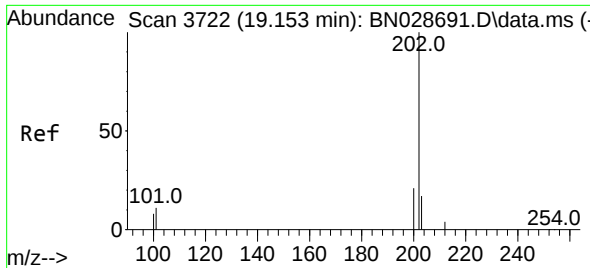
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.192 ng/u1
RT: 17.254 min Scan# 3286
Delta R.T. 0.005 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

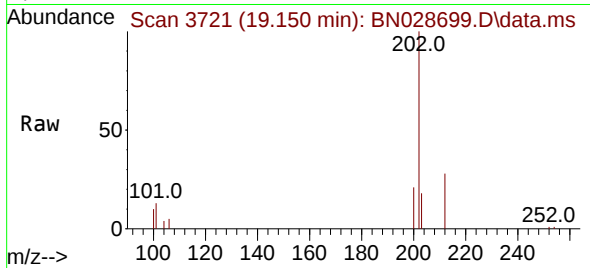
Tgt Ion:178 Resp: 11922
Ion Ratio Lower Upper
178 100
179 18.3 12.6 18.8
176 20.1 14.9 22.3





#19
Fluoranthene
Concen: 0.367 ng/u1
RT: 19.150 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

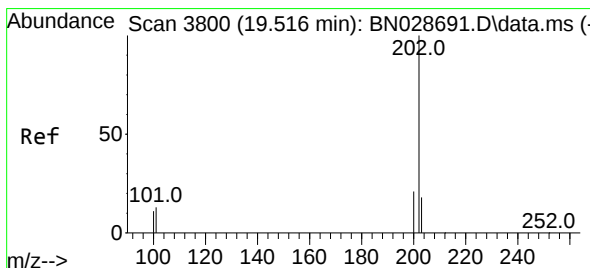
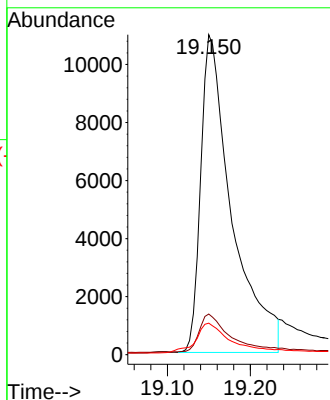
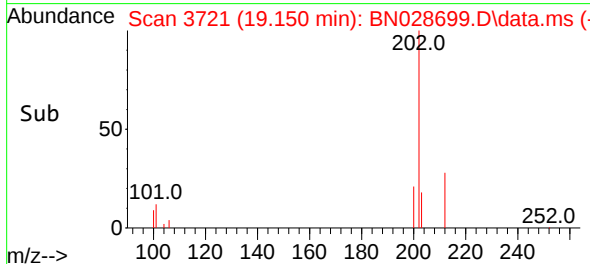
Instrument :
BNA_N
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SLCS168



Tgt Ion:202 Resp: 2848
Ion Ratio Lower Upper
202 100
101 12.7 9.5 14.3
100 9.9 7.2 10.8

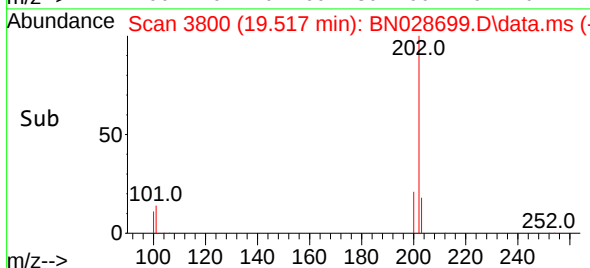
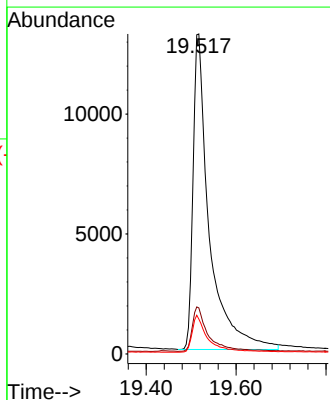
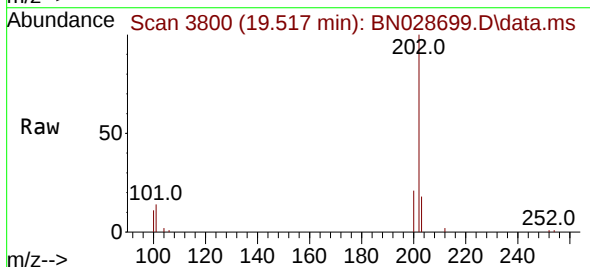
Manual Integrations
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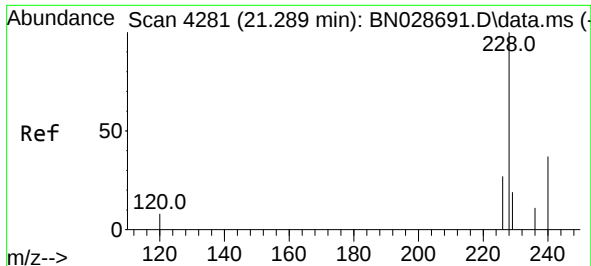
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.412 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

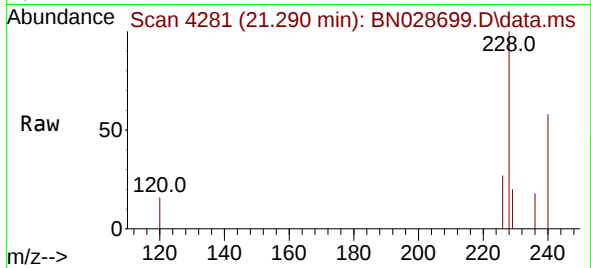
Tgt Ion:202 Resp: 33168
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 10.9 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.224 ng/ul
RT: 21.290 min Scan# 4281
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

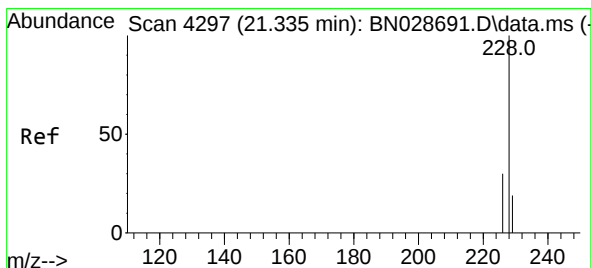
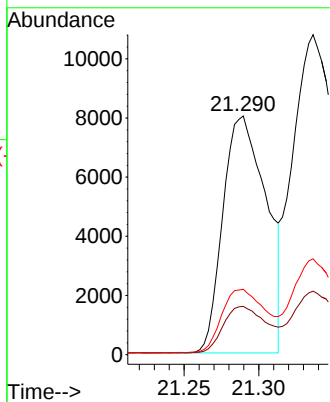
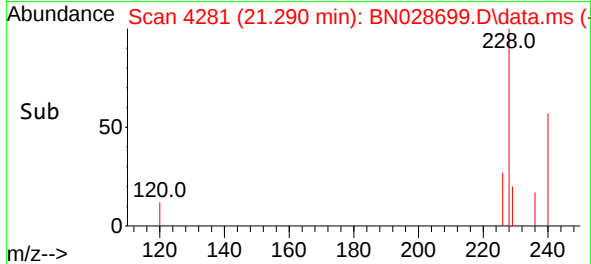
Instrument :
BNA_N
ClientSampleId :
SLCS168



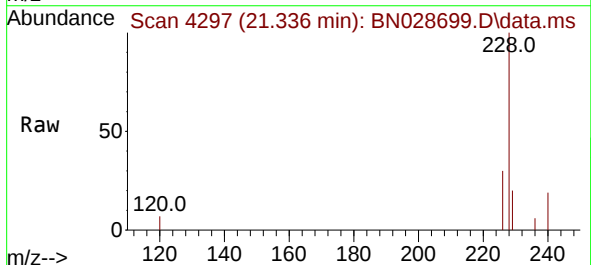
Tgt Ion:228 Resp: 16170
Ion Ratio Lower Upper
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229 20.2 15.7 23.5
226 27.4 21.4 32.0

Manual Integrations
APPROVED

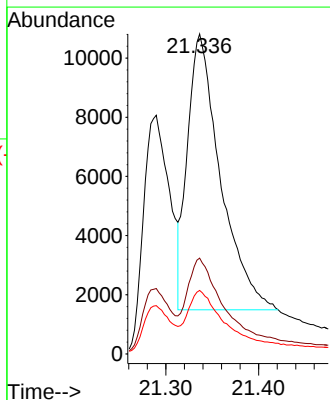
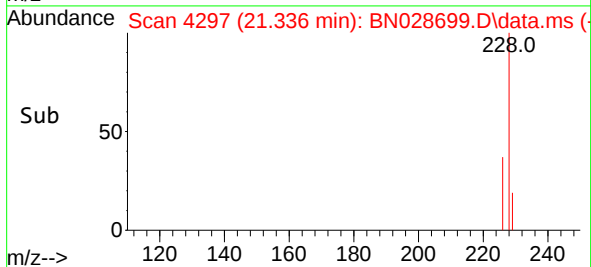
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

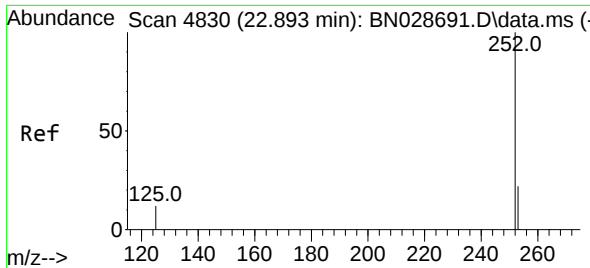


#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.336 min Scan# 4297
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16



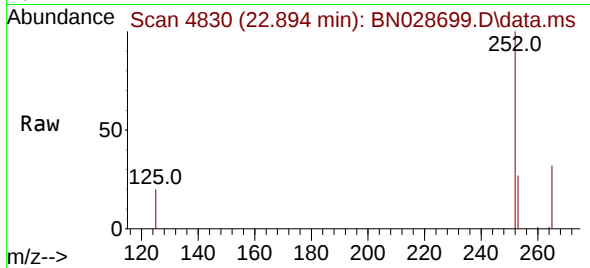
Tgt Ion:228 Resp: 23040
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 22.894 min Scan# 4830
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

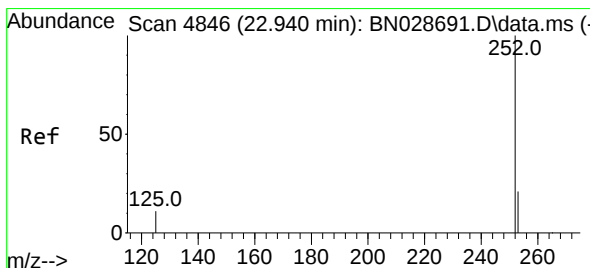
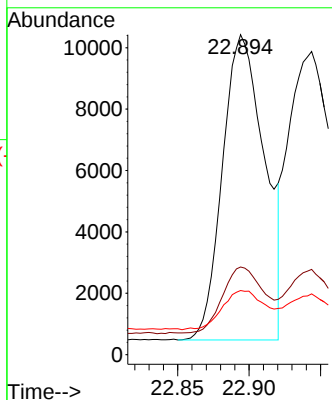
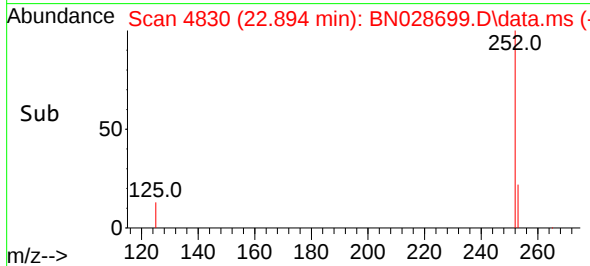
Instrument :
BNA_N
ClientSampleId :
SLCS168



Tgt Ion:252 Resp: 20390
Ion Ratio Lower Upper
252 100
253 27.4 0.0 46.6
125 20.0 0.0 27.6

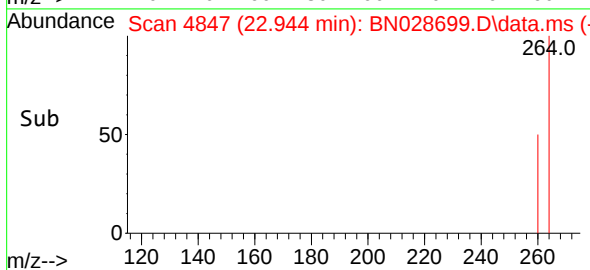
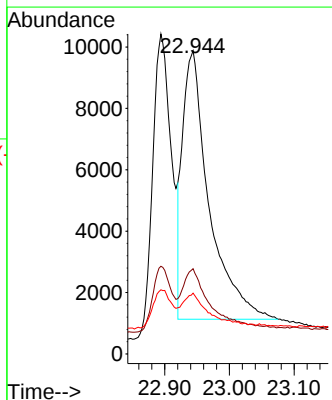
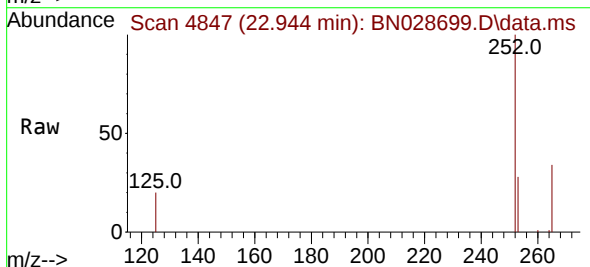
Manual Integrations
APPROVED

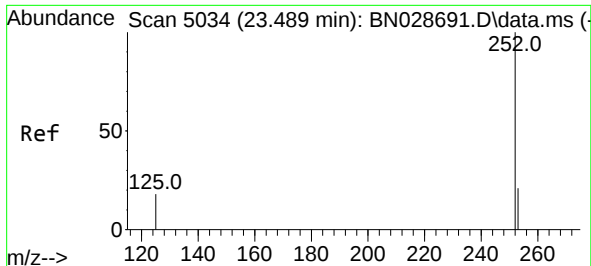
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.944 min Scan# 4847
Delta R.T. 0.004 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

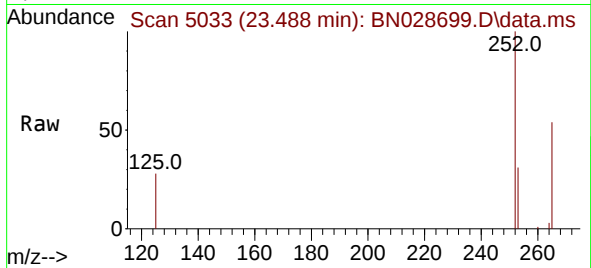
Tgt Ion:252 Resp: 24936
Ion Ratio Lower Upper
252 100
253 28.1 18.6 28.0#
125 20.1 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.488 min Scan# 5034
Delta R.T. -0.002 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

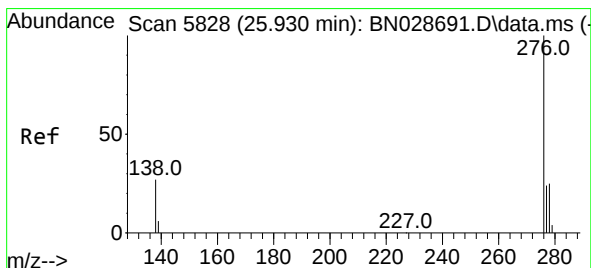
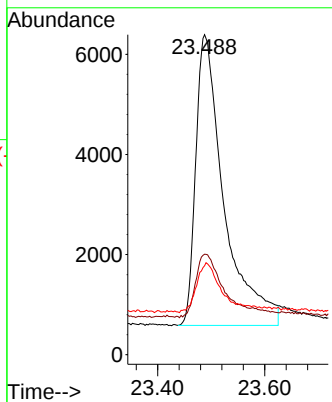
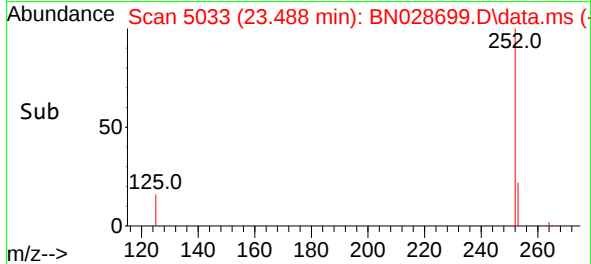
Instrument :
BNA_N
ClientSampleId :
SLCS168



Tgt Ion:252 Resp: 21249
Ion Ratio Lower Upper
252 100
253 31.4 19.0 28.6
125 27.8 13.2 19.8

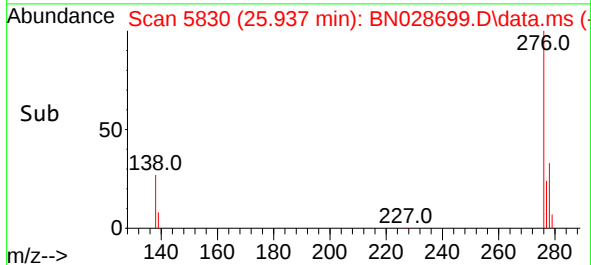
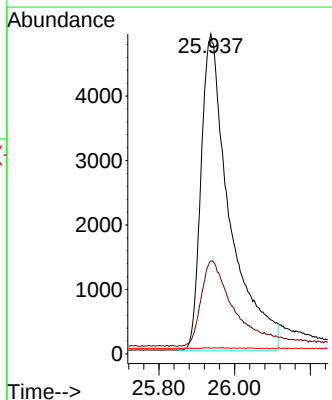
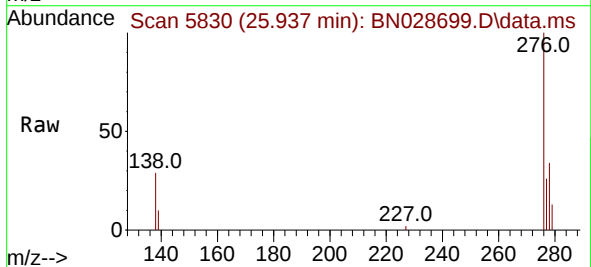
Manual Integrations
APPROVED

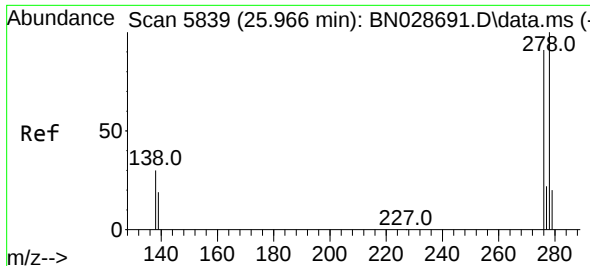
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 25.937 min Scan# 5830
Delta R.T. 0.008 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

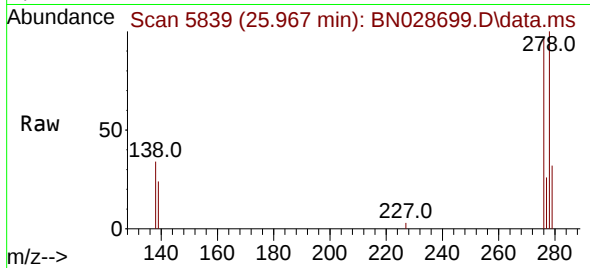
Tgt Ion:276 Resp: 25739
Ion Ratio Lower Upper
276 100
138 30.7 23.8 35.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.967 min Scan# 5839
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16

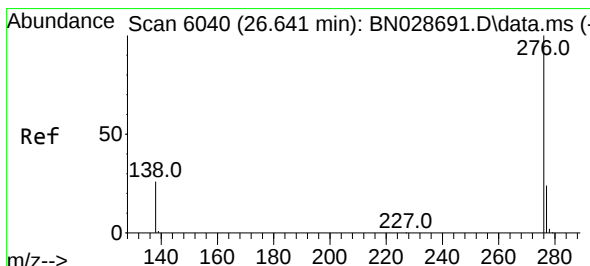
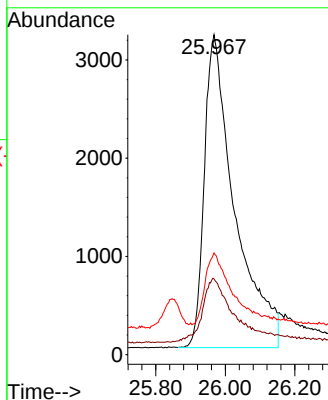
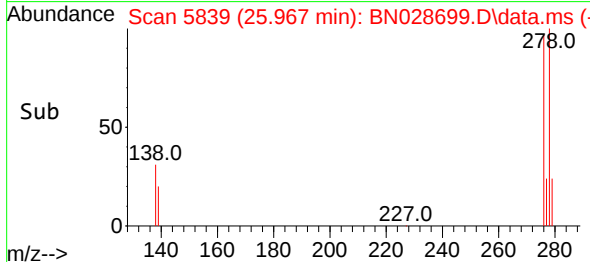
Instrument :
BNA_N
ClientSampleId :
SLCS168



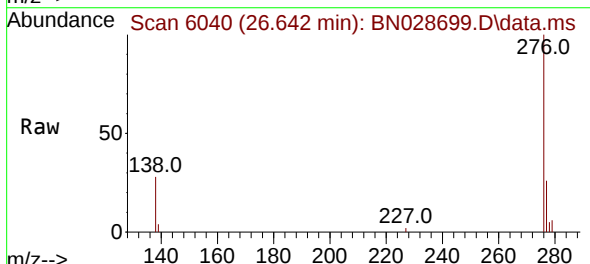
Tgt Ion: 278 Resp: 19304
Ion Ratio Lower Upper
278 100
139 23.6 18.2 27.4
279 31.8 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.642 min Scan# 6040
Delta R.T. 0.001 min
Lab File: BN028699.D
Acq: 17 Nov 2023 13:16



Tgt Ion: 276 Resp: 23554
Ion Ratio Lower Upper
276 100
138 28.3 20.5 30.7
277 25.8 19.4 29.0

