

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028781.D
 Acq On : 19 Nov 2023 17:39
 Operator : MA/JU
 Sample : PB157224BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS224

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 02:32:22 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 : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6127m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.505	136	15227m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.324	164	9253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.093	188	13595	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.294	240	11454	0.400	ng/ul	# 0.00
23) Perylene-d12	23.576	264	10296	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	6171m	0.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.127	152	6010	0.262	ng/ul	0.02
18) Fluoranthene-d10	19.116	212	23627	0.641	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.146	88	19938m	2.664	ng/ul	
5) Naphthalene	10.555	128	18038	0.423	ng/ul	96
7) 2-Methylnaphthalene	12.193	142	6864	0.244	ng/ul	97
8) 1-Methylnaphthalene	12.369	142	11457	0.401	ng/ul	99
10) Acenaphthylene	14.046	152	23703	0.513	ng/ul	98
11) Acenaphthene	14.384	153	19548	0.575	ng/ul	98
12) Fluorene	15.397	166	17161	0.434	ng/ul	99
14) Pentachlorophenol	16.742	266	3224	0.988	ng/ul	99
15) Phenanthrene	17.131	178	26188	0.627	ng/ul	98
16) Anthracene	17.240	178	14248	0.372	ng/ul	95
19) Fluoranthene	19.148	202	31649	0.650	ng/ul	98
20) Pyrene	19.511	202	36204	0.717	ng/ul	96
21) Benzo(a)anthracene	21.282	228	18195	0.402	ng/ul	98
22) Chrysene	21.329	228	26060	0.589	ng/ul	99
24) Benzo(b)fluoranthene	22.884	252	21821	0.565	ng/ul	89
25) Benzo(k)fluoranthene	22.930	252	26984	0.667	ng/ul	94
26) Benzo(a)pyrene	23.480	252	22849	0.626	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.926	276	26853	0.663	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.952	278	20402	0.631	ng/ul	95
29) Benzo(g,h,i)perylene	26.630	276	24015	0.724	ng/ul	97

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

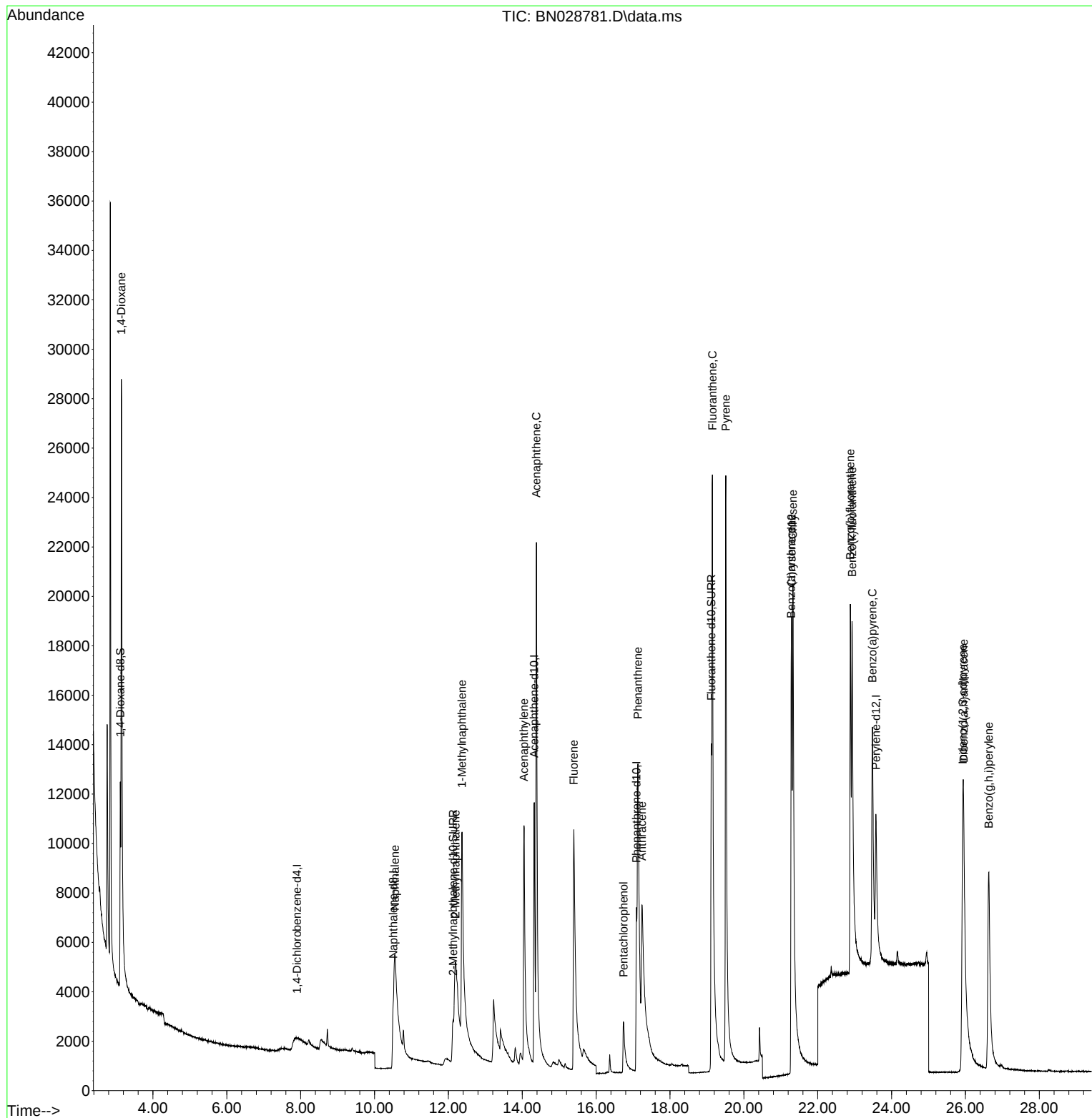
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028781.D
Acq On : 19 Nov 2023 17:39
Operator : MA/JU
Sample : PB157224BS
Misc :
ALS Vial : 84 Sample Multiplier: 1

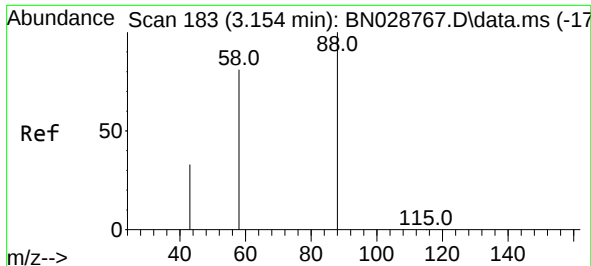
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Supervised By :mohammad ahmed 11/20/2023

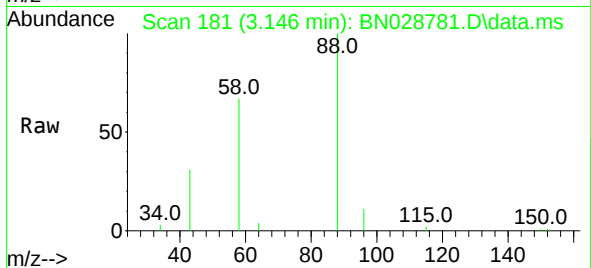
Quant Time: Nov 20 02:32:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.664 ng/ul m
RT: 3.146 min Scan# 183
Delta R.T. -0.008 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

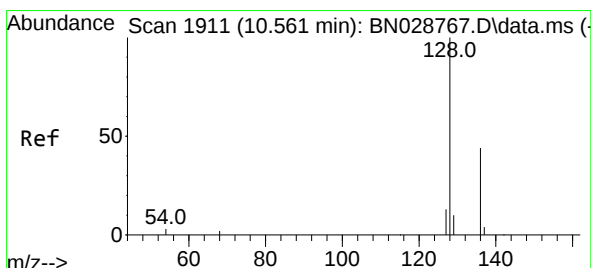
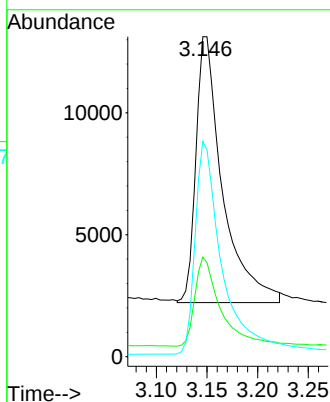
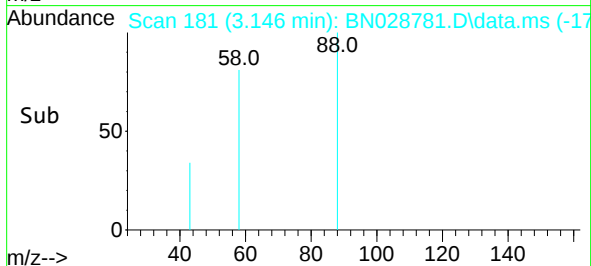
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 19938
Ion Ratio Lower Upper
88 100
43 31.1 32.9 49.3
58 67.3 41.8 62.8

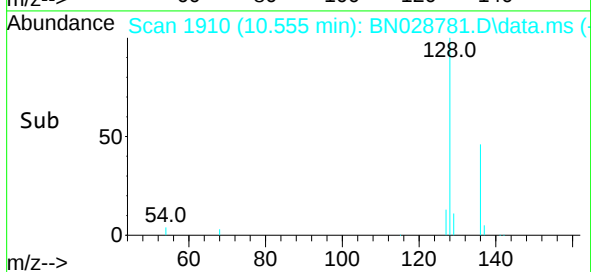
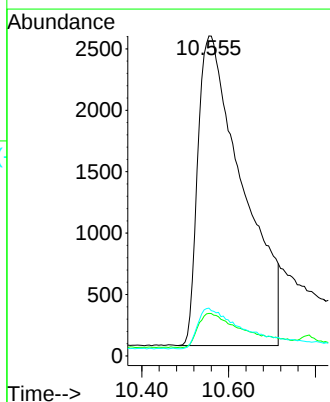
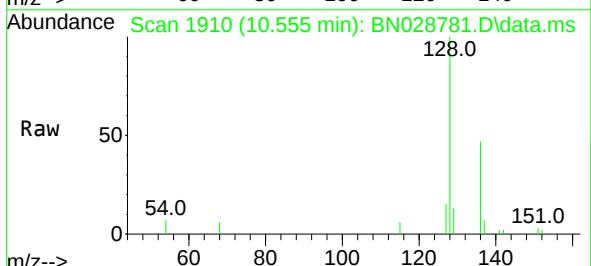
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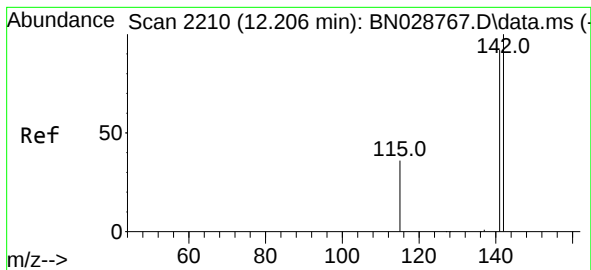
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.423 ng/ul
RT: 10.555 min Scan# 1910
Delta R.T. 0.021 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

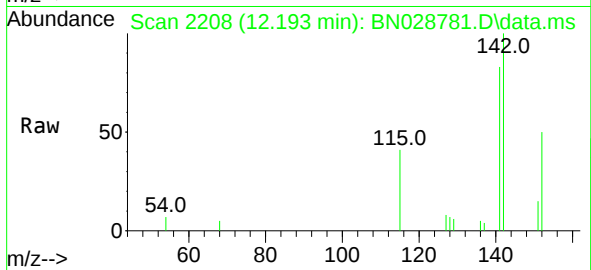
Tgt Ion:128 Resp: 18038
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 14.9 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.193 min Scan# 2108
Delta R.T. 0.021 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

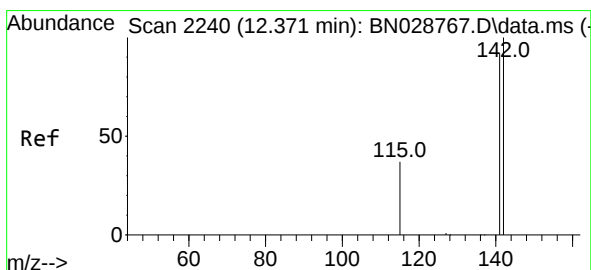
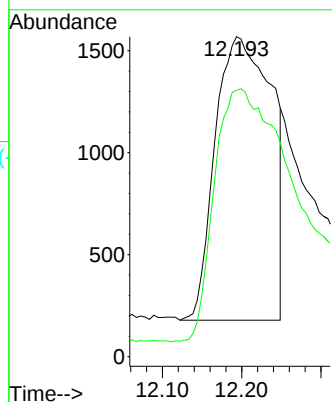
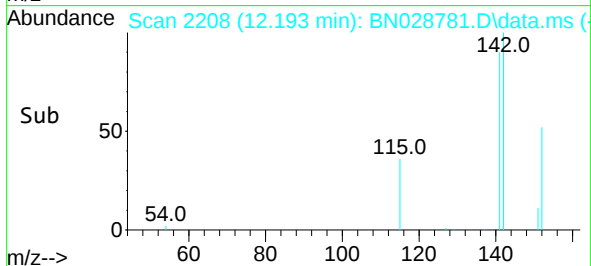
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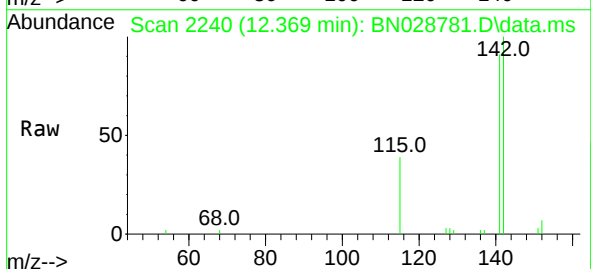
Tgt Ion:142 Resp: 6864
Ion Ratio Lower Upper
142 100
141 91.4 70.8 106.2

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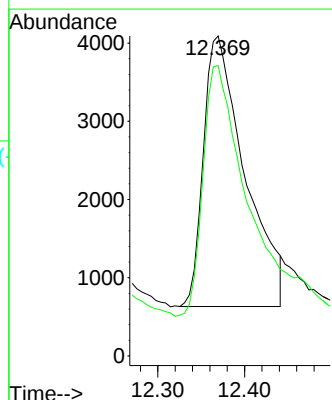
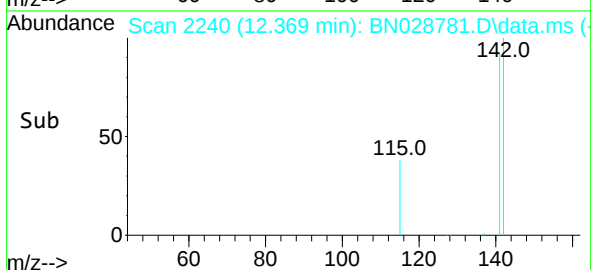
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

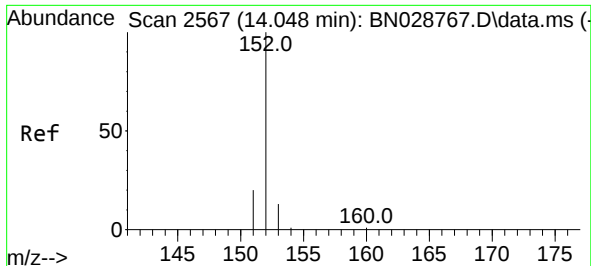


#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.369 min Scan# 2240
Delta R.T. 0.004 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



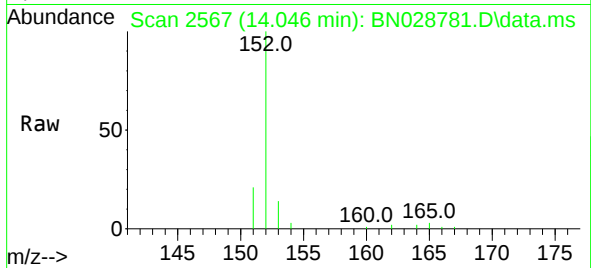
Tgt Ion:142 Resp: 11457
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.513 ng/ul
RT: 14.046 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

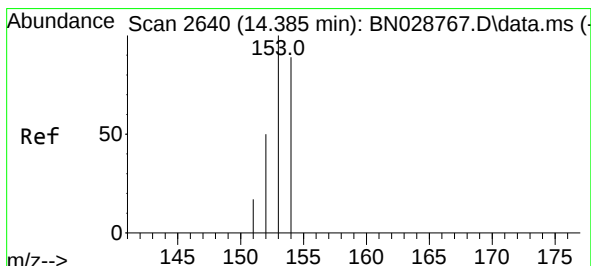
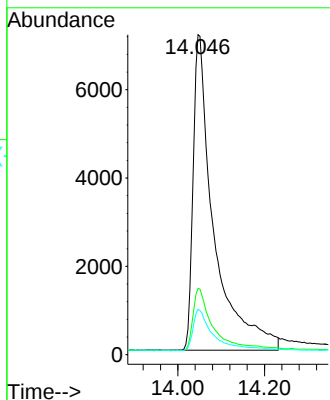
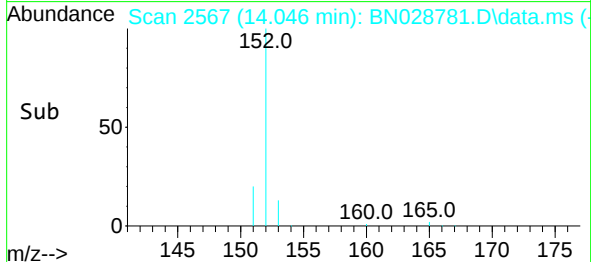
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 2370
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.2 10.6 15.8

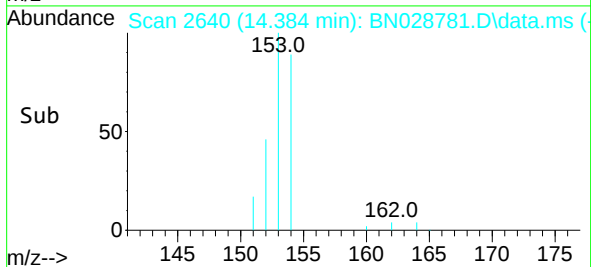
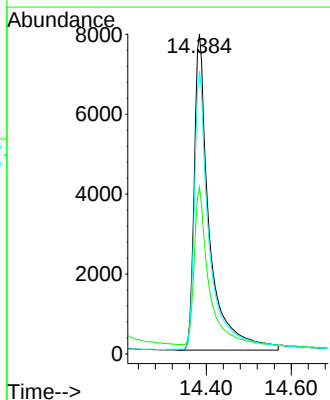
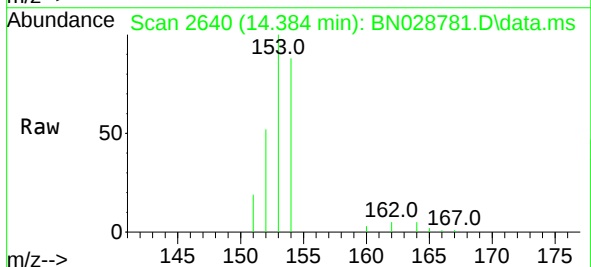
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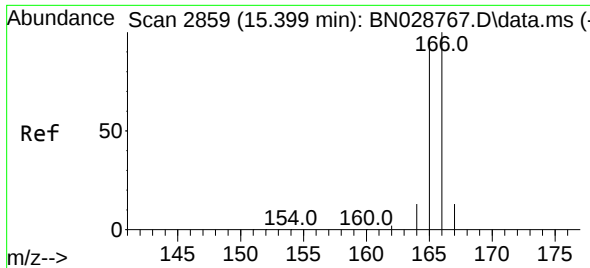
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.575 ng/ul
RT: 14.384 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

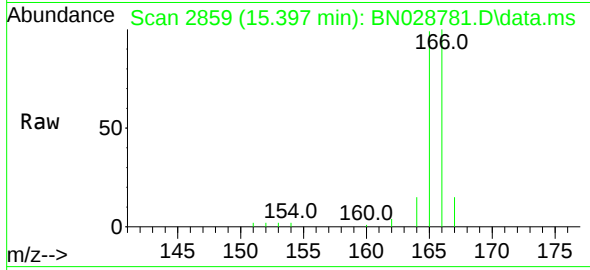
Tgt Ion:153 Resp: 19548
Ion Ratio Lower Upper
153 100
152 52.1 39.6 59.4
154 88.5 71.0 106.6





#12
Fluorene
Concen: 0.434 ng/ul
RT: 15.397 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

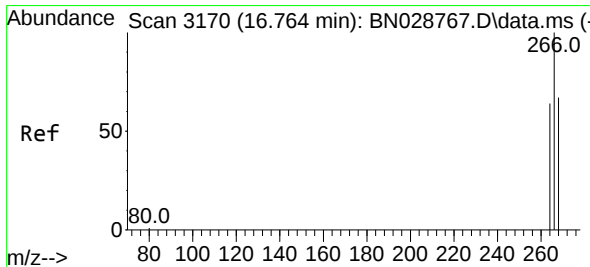
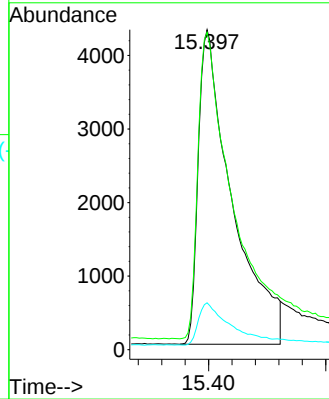
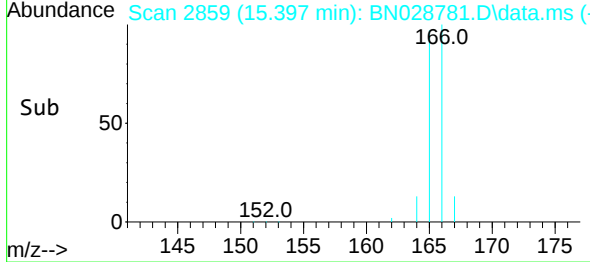
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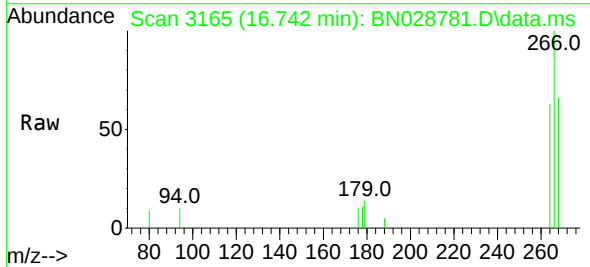
Tgt Ion:166 Resp: 1716
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 14.6 11.0 16.6

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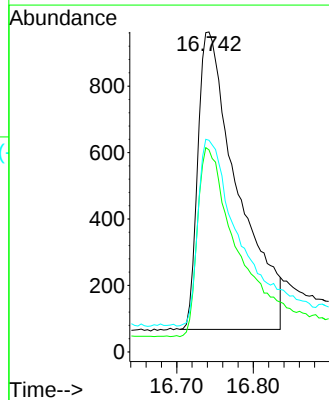
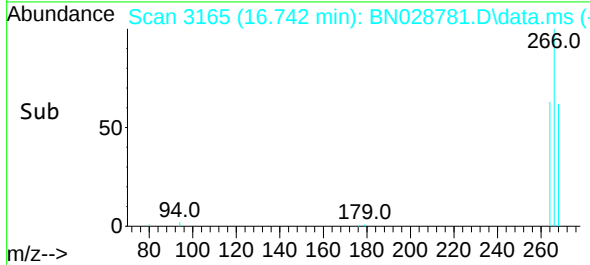
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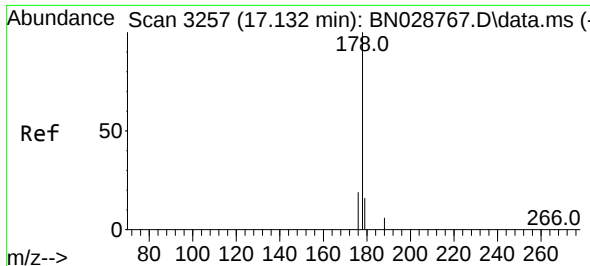


#14
Pentachlorophenol
Concen: 0.988 ng/ul
RT: 16.742 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



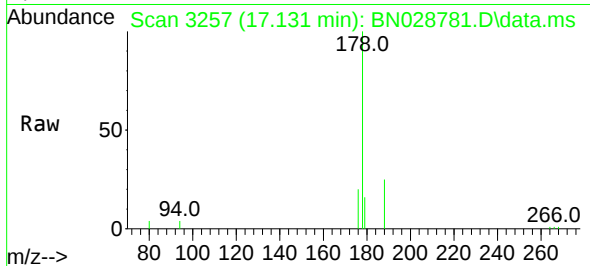
Tgt Ion:266 Resp: 3224
Ion Ratio Lower Upper
266 100
264 63.5 50.1 75.1
268 63.3 50.6 75.8





#15
Phenanthrene
Concen: 0.627 ng/ul
RT: 17.131 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

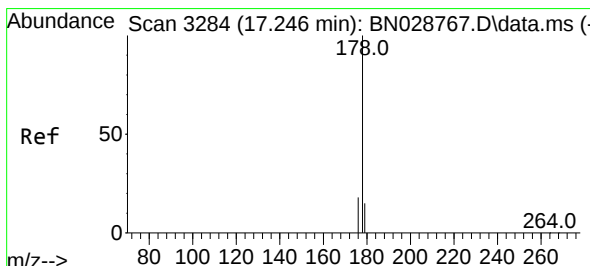
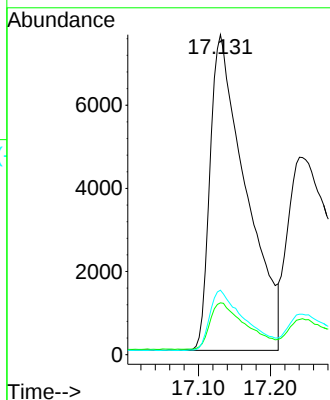
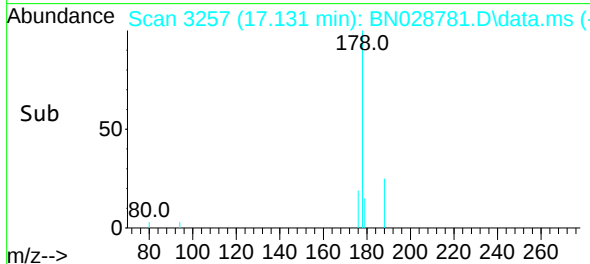
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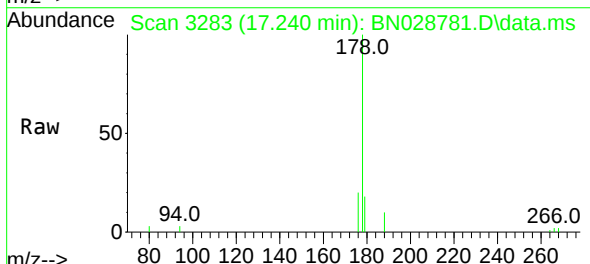
Tgt Ion:178 Resp: 2618
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.2 15.4 23.2

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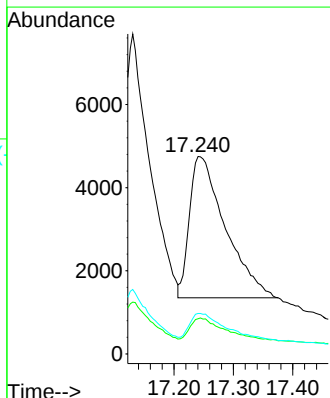
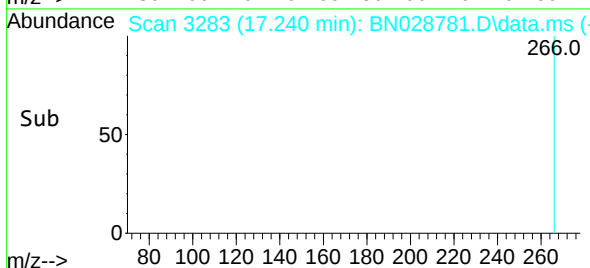
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Supervised By :mohammad ahmed 11/20/2023

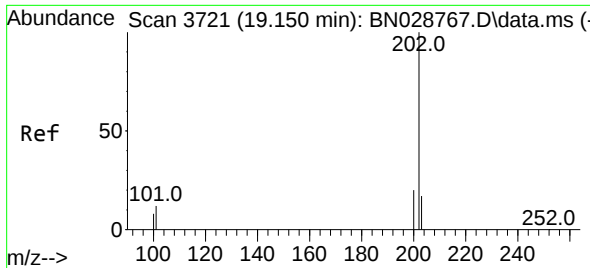


#16
Anthracene
Concen: 0.372 ng/ul
RT: 17.240 min Scan# 3283
Delta R.T. 0.003 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



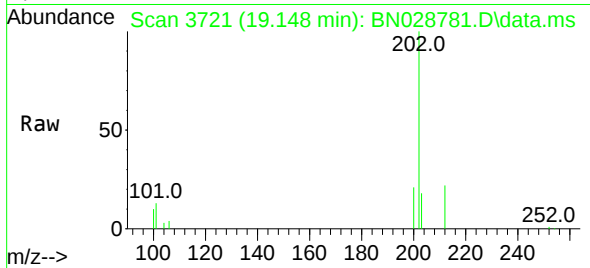
Tgt Ion:178 Resp: 14248
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.5 14.9 22.3





#19
Fluoranthene
Concen: 0.650 ng/u1
RT: 19.148 min Scan# 31649
Delta R.T. -0.002 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

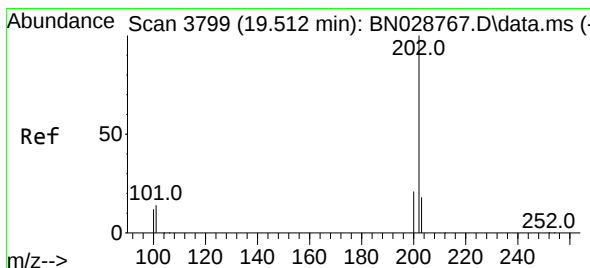
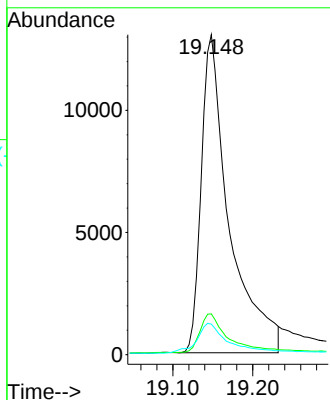
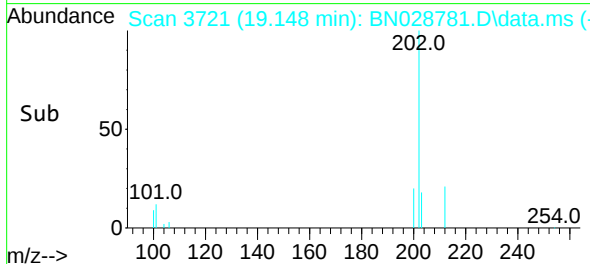
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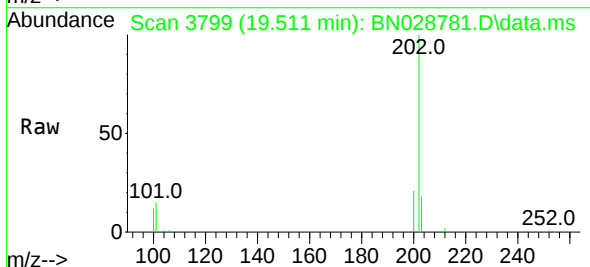
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Ion Ratio Lower Upper
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101 12.8 9.5 14.3
100 9.5 7.2 10.8

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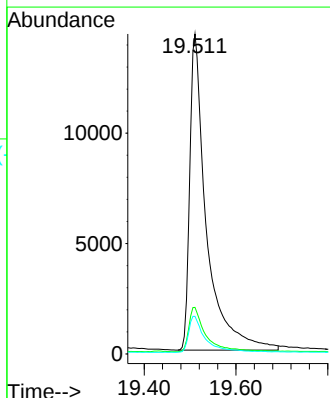
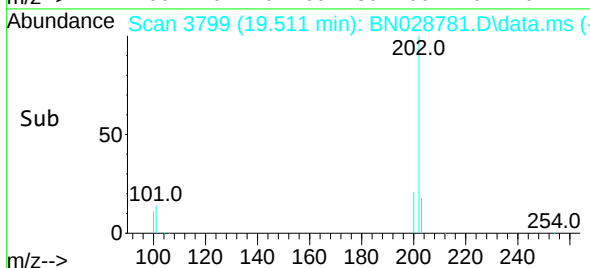
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

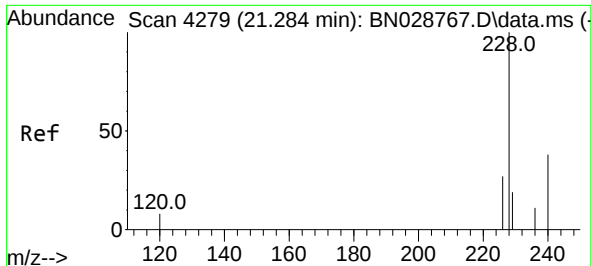


#20
Pyrene
Concen: 0.717 ng/u1
RT: 19.511 min Scan# 3799
Delta R.T. -0.002 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



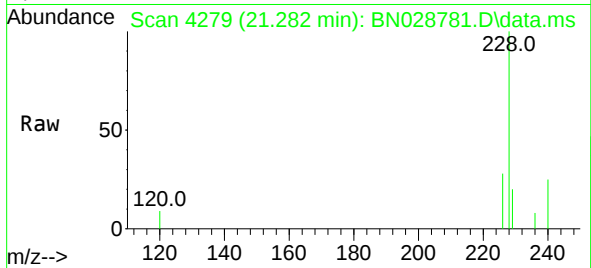
Tgt Ion:202 Resp: 36204
Ion Ratio Lower Upper
202 100
101 14.5 10.3 15.5
100 11.7 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.402 ng/u1
RT: 21.282 min Scan# 4279
Delta R.T. 0.001 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

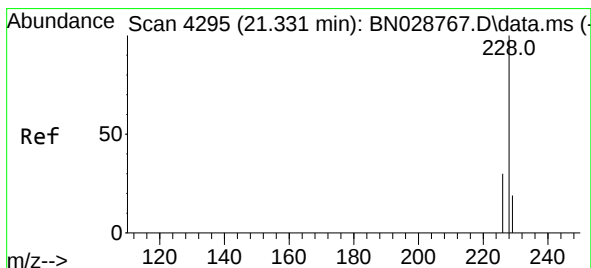
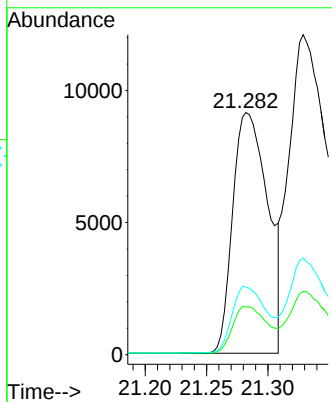
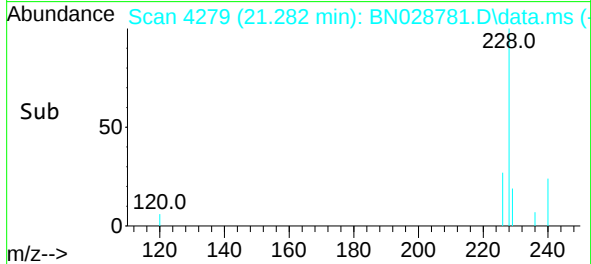
Instrument :
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ClientSampleId :
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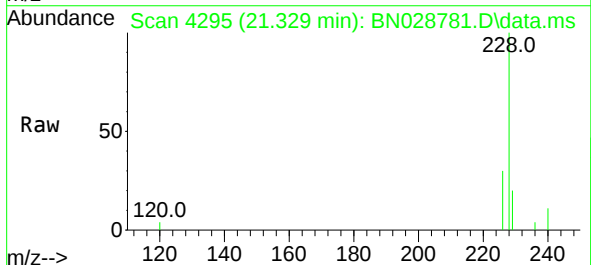
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Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.9 21.4 32.0

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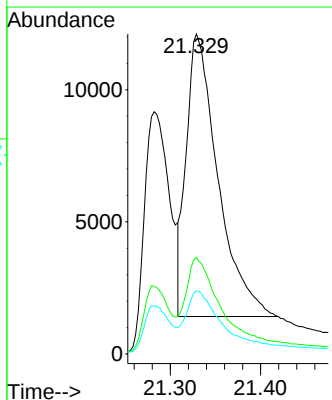
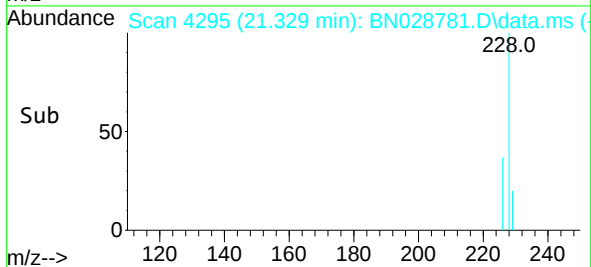
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

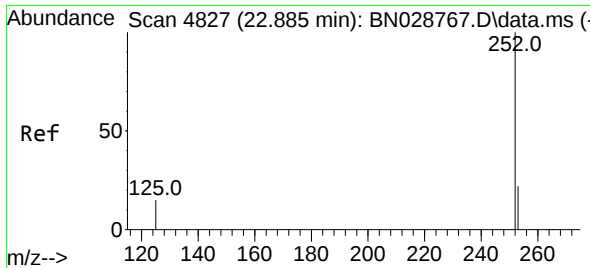


#22
Chrysene
Concen: 0.589 ng/u1
RT: 21.329 min Scan# 4295
Delta R.T. -0.004 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



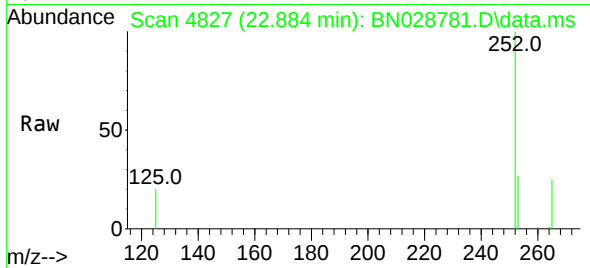
Tgt Ion:228 Resp: 26060
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 19.8 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.565 ng/ul
RT: 22.884 min Scan# 4827
Delta R.T. -0.004 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

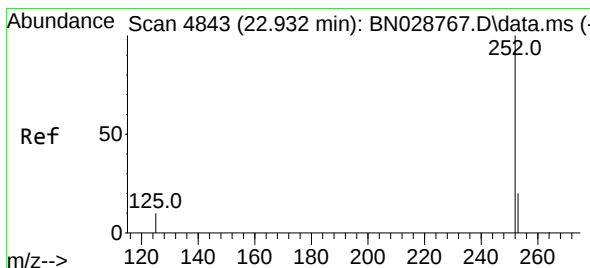
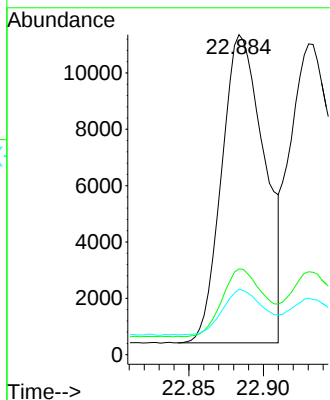
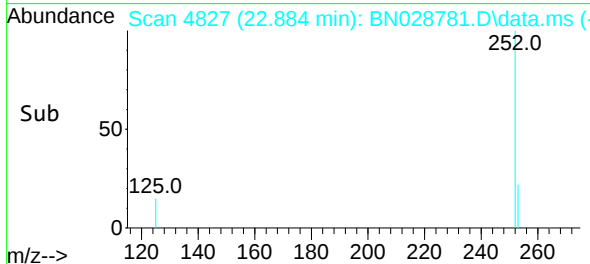
Instrument :
BNA_N
ClientSampleId :
SLCS224



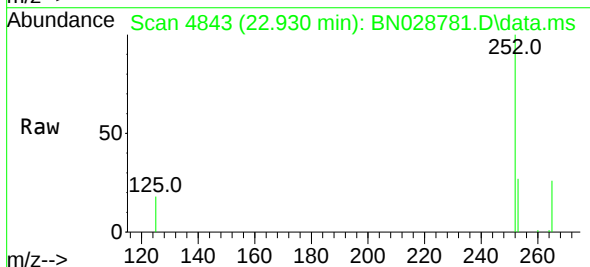
Tgt Ion:252 Resp: 2182
Ion Ratio Lower Upper
252 100
253 26.8 0.0 46.6
125 20.4 0.0 27.6

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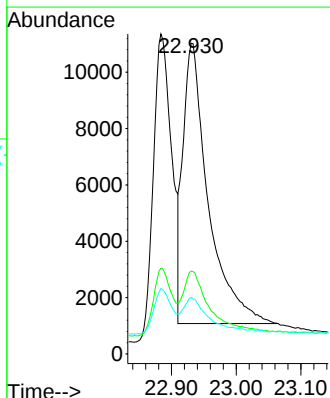
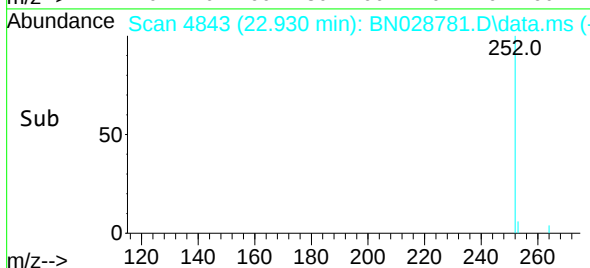
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

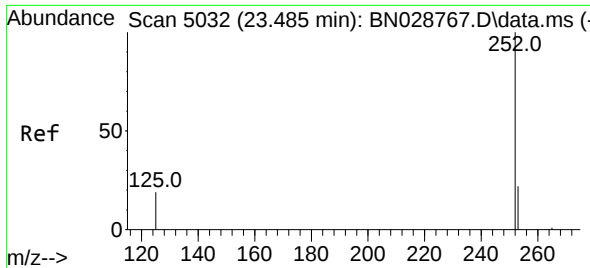


#25
Benzo(k)fluoranthene
Concen: 0.667 ng/ul
RT: 22.930 min Scan# 4843
Delta R.T. -0.002 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



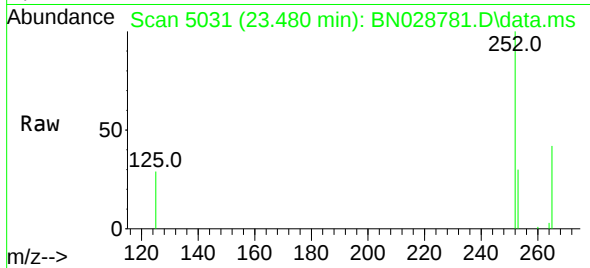
Tgt Ion:252 Resp: 26984
Ion Ratio Lower Upper
252 100
253 26.7 18.6 28.0
125 18.2 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.626 ng/ul
RT: 23.480 min Scan# 5032
Delta R.T. -0.002 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

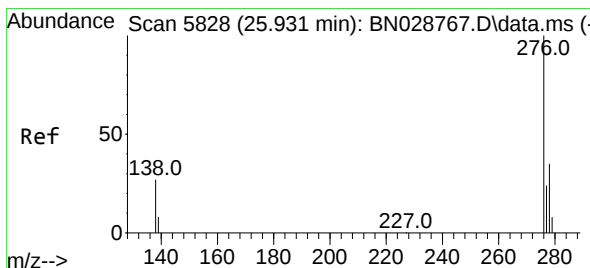
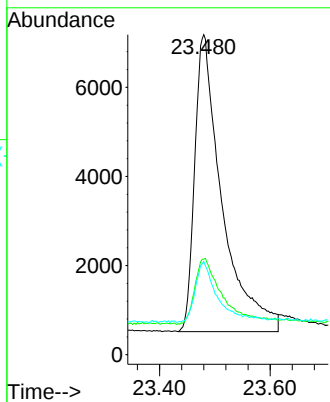
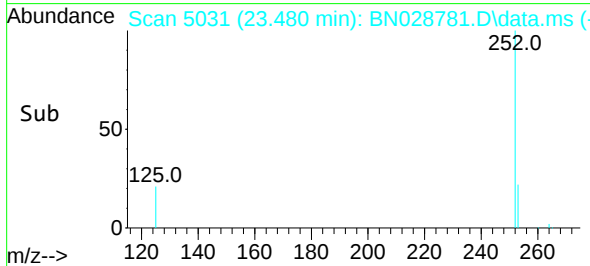
Instrument :
BNA_N
ClientSampleId :
SLCS224



Tgt Ion:252 Resp: 22849
Ion Ratio Lower Upper
252 100
253 29.9 19.0 28.6
125 29.1 13.2 19.8

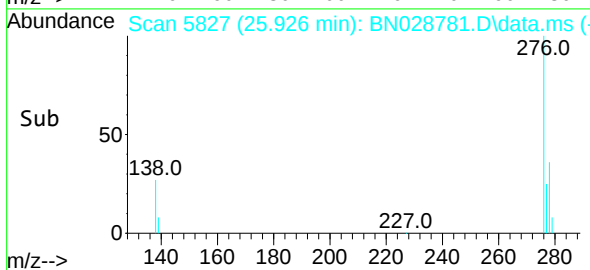
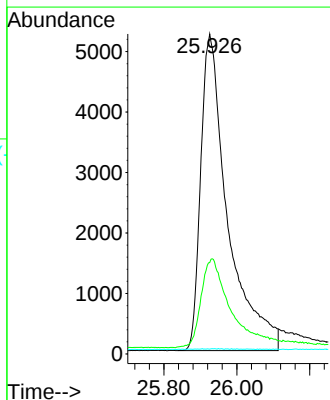
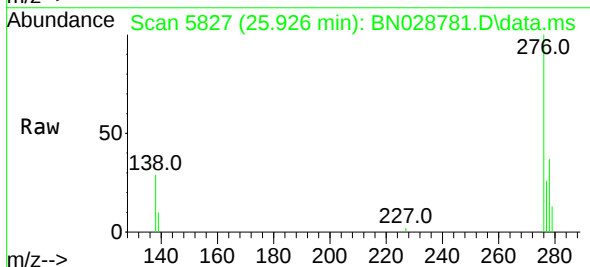
Manual Integrations
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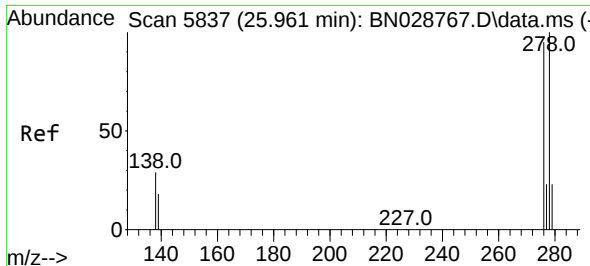
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.663 ng/ul
RT: 25.926 min Scan# 5827
Delta R.T. -0.005 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

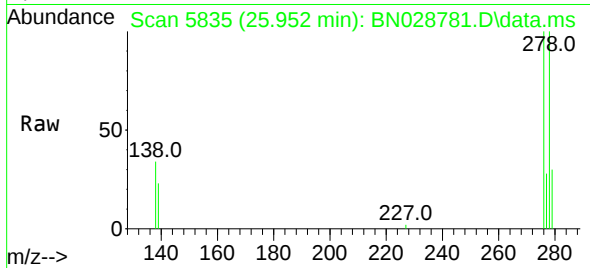
Tgt Ion:276 Resp: 26853
Ion Ratio Lower Upper
276 100
138 31.2 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.631 ng/ul
RT: 25.952 min Scan# 5835
Delta R.T. -0.005 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39

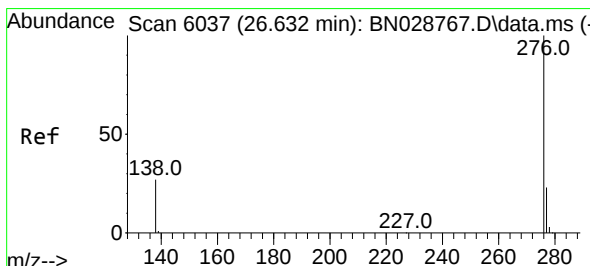
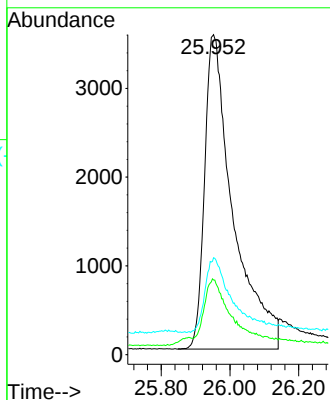
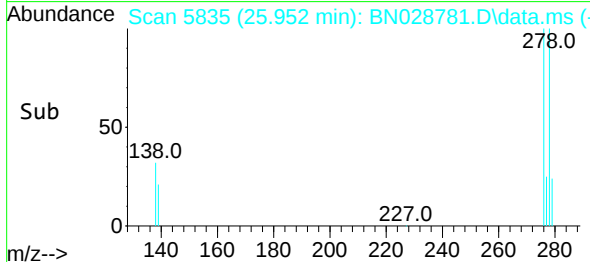
Instrument :
BNA_N
ClientSampleId :
SLCS224



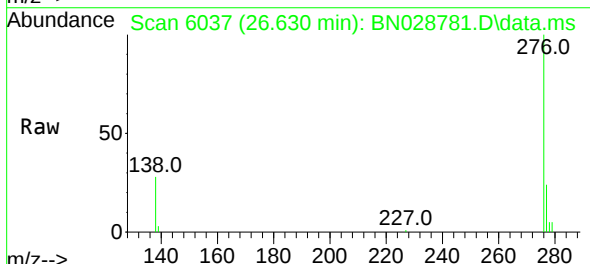
Tgt Ion: 278 Resp: 2040
Ion Ratio Lower Upper
278 100
139 23.4 18.2 27.4
279 30.3 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.724 ng/ul
RT: 26.630 min Scan# 6037
Delta R.T. -0.012 min
Lab File: BN028781.D
Acq: 19 Nov 2023 17:39



Tgt Ion: 276 Resp: 24015
Ion Ratio Lower Upper
276 100
138 28.3 20.5 30.7
277 24.4 19.4 29.0

