

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028780.D
 Acq On : 19 Nov 2023 17:02
 Operator : MA/JU
 Sample : PB157226BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS226

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 02:18:35 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	7.853	152	8192m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.495	136	20798m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.321	164	13296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	20183	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	16407	0.400	ng/ul	# 0.00
23) Perylene-d12	23.576	264	14904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	8177m	0.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	9602	0.307	ng/ul	0.00
18) Fluoranthene-d10	19.113	212	30525	0.578	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.149	88	25233m	2.521	ng/ul	
5) Naphthalene	10.539	128	25209	0.433	ng/ul	98
7) 2-Methylnaphthalene	12.178	142	11197	0.292	ng/ul	98
8) 1-Methylnaphthalene	12.365	142	15859	0.407	ng/ul	99
10) Acenaphthylene	14.043	152	30491	0.459	ng/ul	99
11) Acenaphthene	14.381	153	24801	0.508	ng/ul	99
12) Fluorene	15.390	166	22552	0.397	ng/ul	99
14) Pentachlorophenol	16.735	266	4542	0.938	ng/ul	98
15) Phenanthrene	17.124	178	34455	0.556	ng/ul	98
16) Anthracene	17.233	178	20165	0.355	ng/ul	97
19) Fluoranthene	19.146	202	40933	0.587	ng/ul	99
20) Pyrene	19.508	202	45891	0.635	ng/ul	96
21) Benzo(a)anthracene	21.278	228	25365	0.391	ng/ul	99
22) Chrysene	21.328	228	33820	0.533	ng/ul	99
24) Benzo(b)fluoranthene	22.886	252	28766	0.514	ng/ul	93
25) Benzo(k)fluoranthene	22.929	252	35032	0.598	ng/ul	97
26) Benzo(a)pyrene	23.479	252	29786	0.564	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.921	276	35896	0.613	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.948	278	27317	0.583	ng/ul	97
29) Benzo(g,h,i)perylene	26.625	276	31762	0.661	ng/ul	98

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

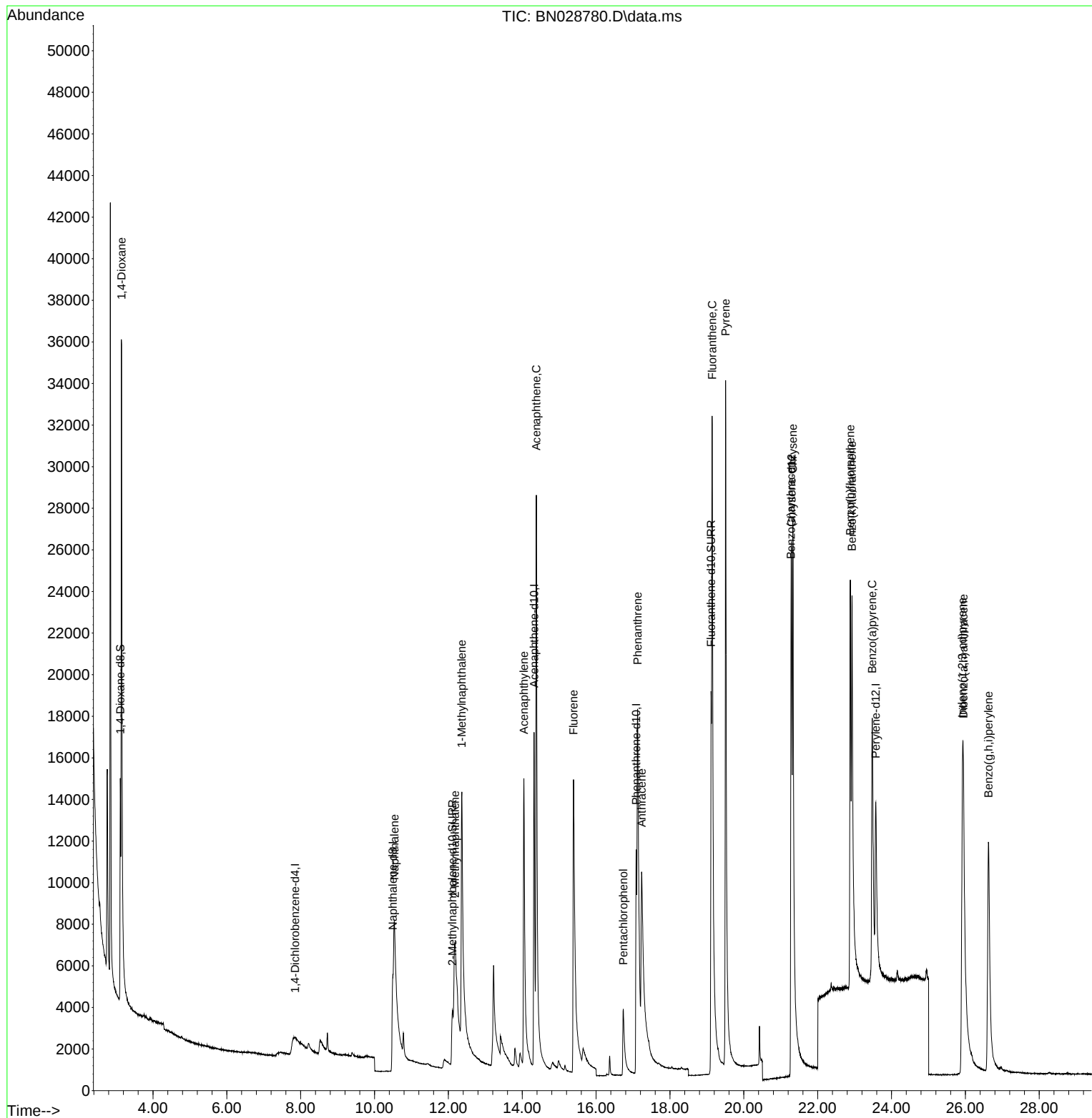
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
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ALS Vial : 83 Sample Multiplier: 1

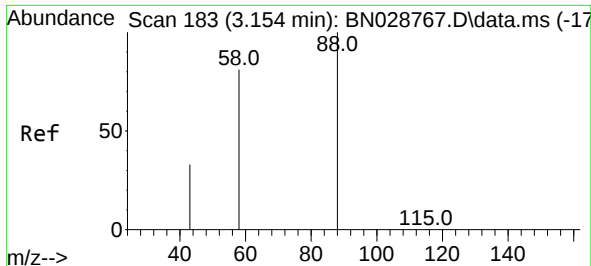
Instrument :
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Supervised By :mohammad ahmed 11/20/2023

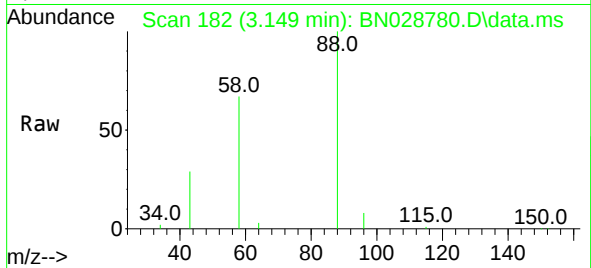
Quant Time: Nov 20 02:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.521 ng/ul m
RT: 3.149 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

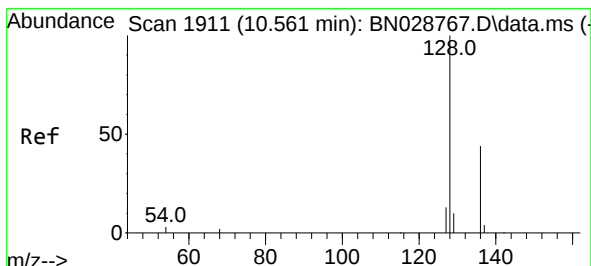
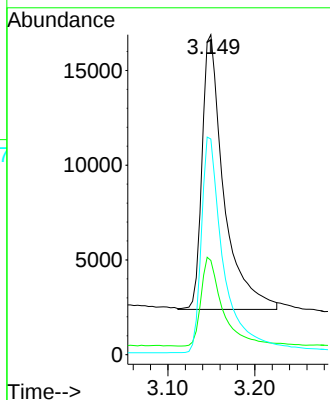
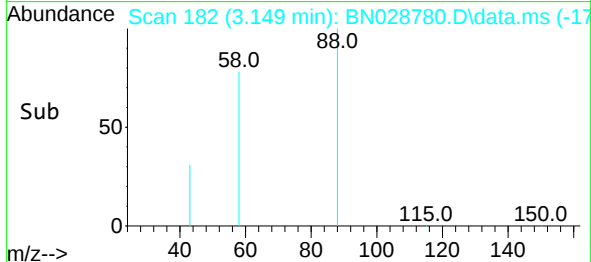
Instrument :
BNA_N
ClientSampleId :
SLCS226



Tgt Ion: 88 Resp: 2523
Ion Ratio Lower Upper
88 100
43 29.5 32.9 49.3
58 67.4 41.8 62.8

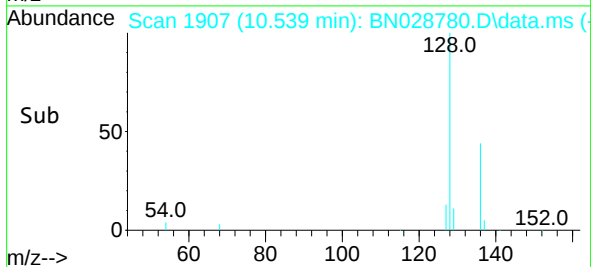
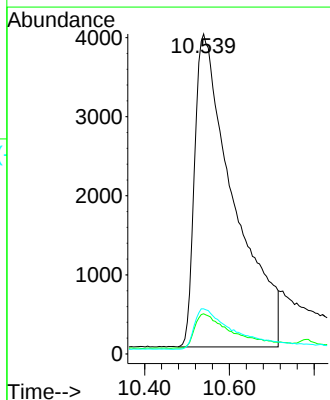
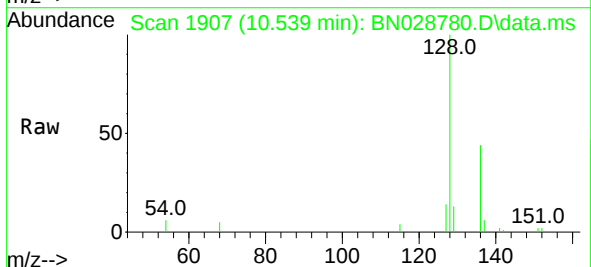
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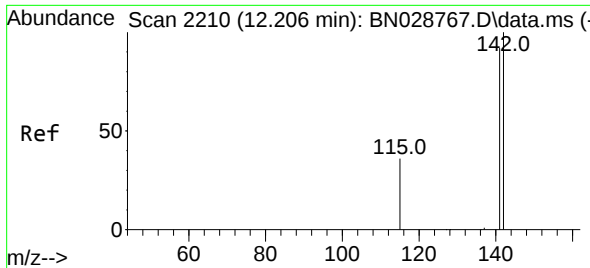
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.433 ng/ul
RT: 10.539 min Scan# 1907
Delta R.T. 0.005 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

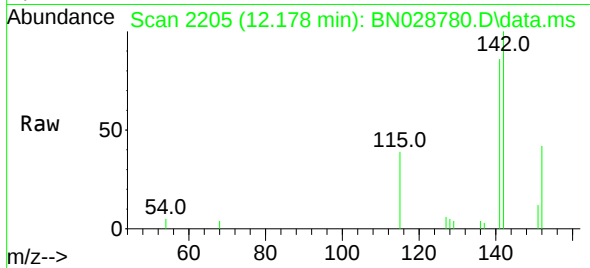
Tgt Ion:128 Resp: 25209
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.1 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.178 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

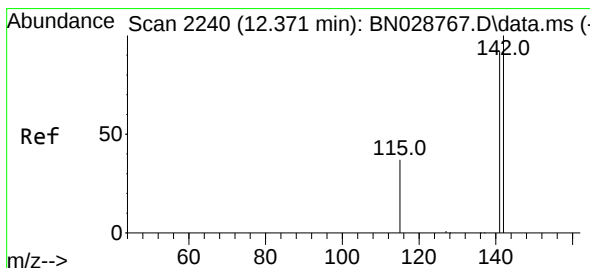
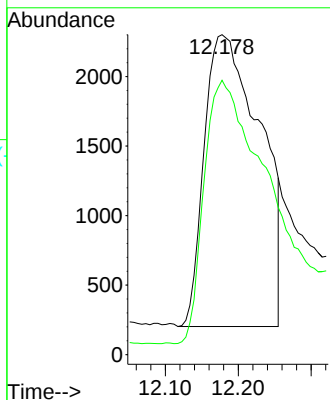
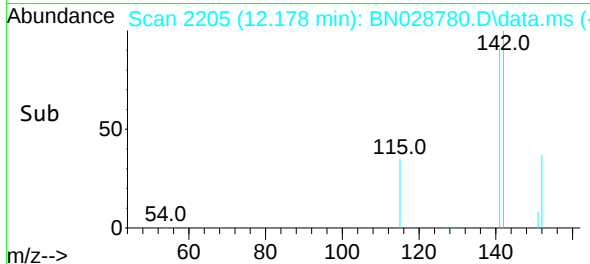
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ClientSampleId :
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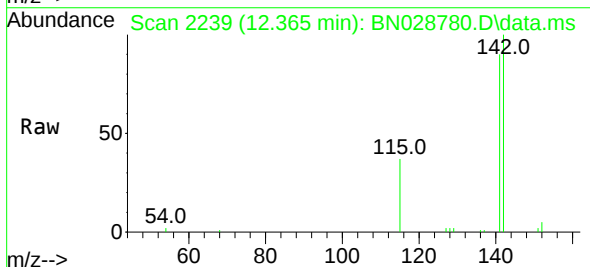
Tgt Ion:142 Resp: 1119
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2

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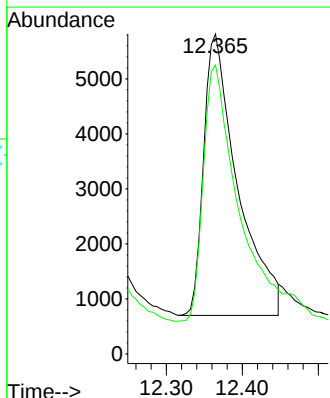
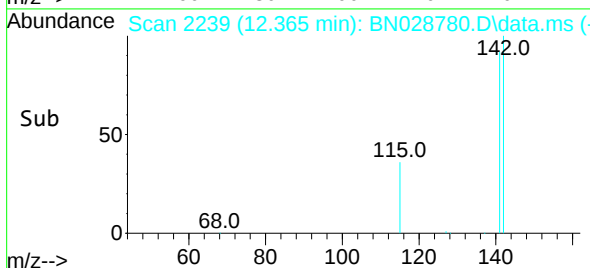
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

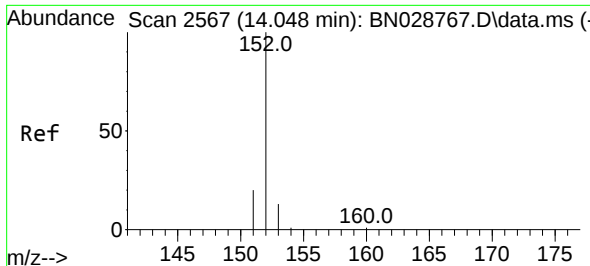


#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.365 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



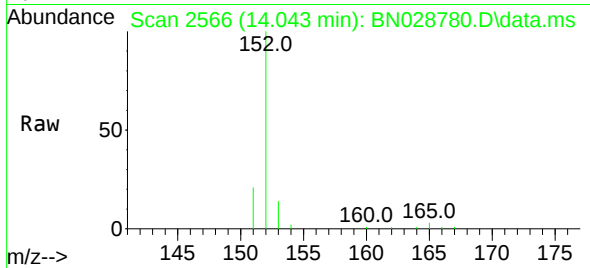
Tgt Ion:142 Resp: 15859
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1





#10
Acenaphthylene
Concen: 0.459 ng/u1
RT: 14.043 min Scan# 2567
Delta R.T. -0.009 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

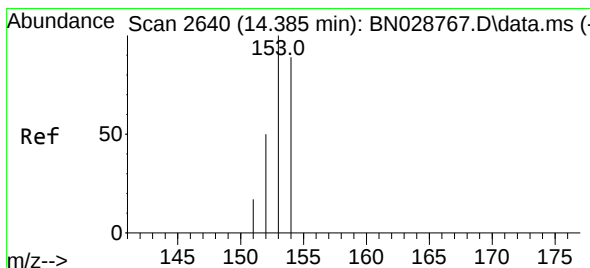
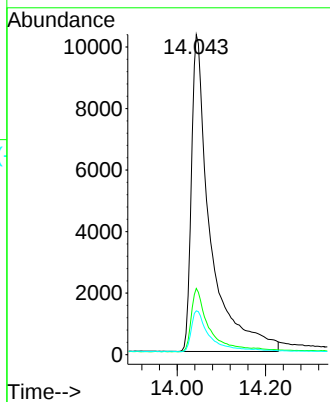
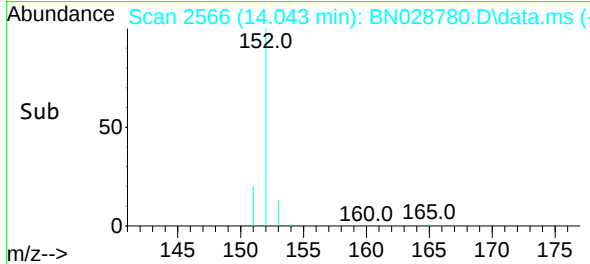
Instrument :
BNA_N
ClientSampleId :
SLCS226



Tgt Ion:152 Resp: 3049
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.7 10.6 15.8

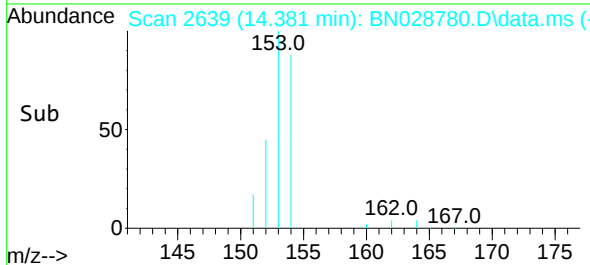
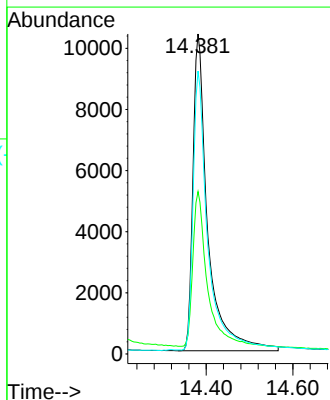
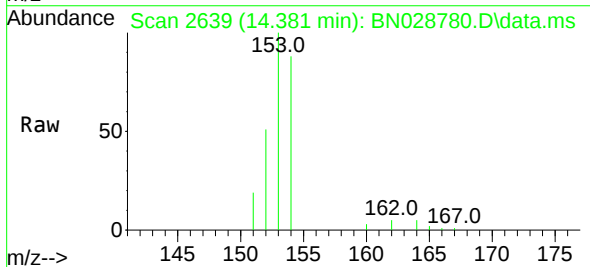
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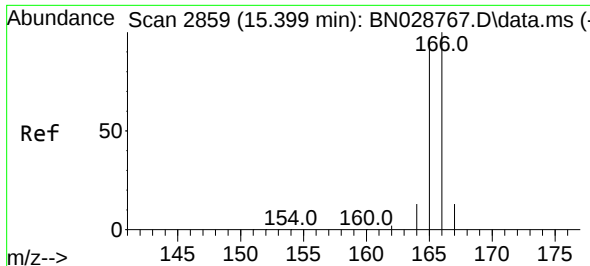
Reviewed By :Yogesh Patel 11/20/2023
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#11
Acenaphthene
Concen: 0.508 ng/u1
RT: 14.381 min Scan# 2639
Delta R.T. -0.009 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

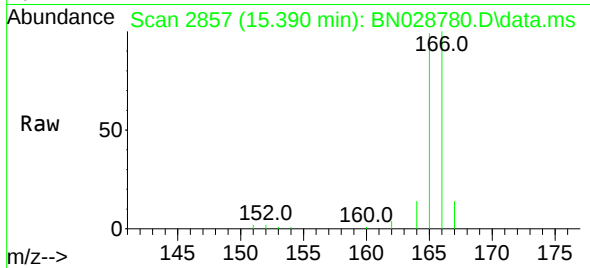
Tgt Ion:153 Resp: 24801
Ion Ratio Lower Upper
153 100
152 50.7 39.6 59.4
154 88.4 71.0 106.6





#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.390 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

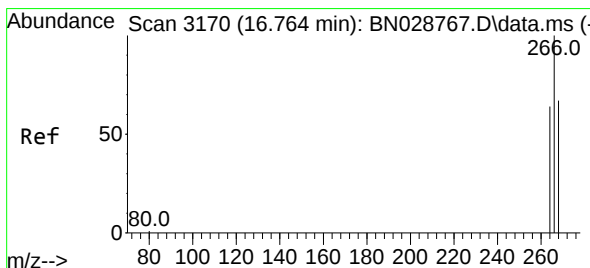
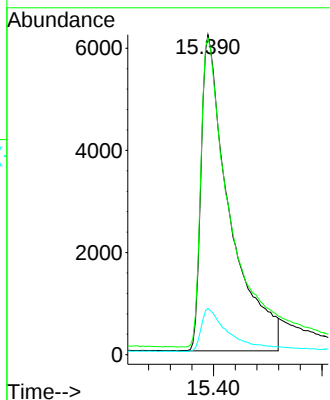
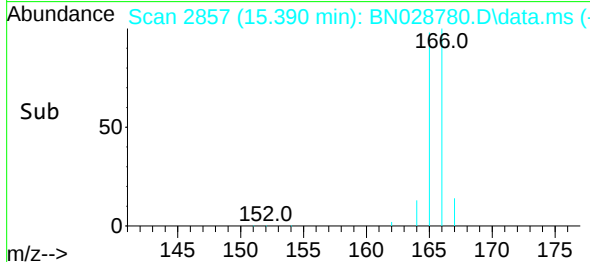
Instrument :
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ClientSampleId :
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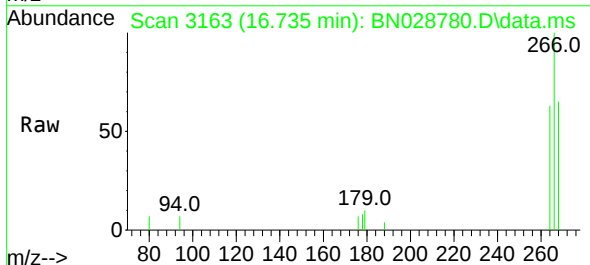
Tgt Ion:166 Resp: 2255
Ion Ratio Lower Upper
166 100
165 99.0 78.6 118.0
167 14.5 11.0 16.6

Manual Integrations
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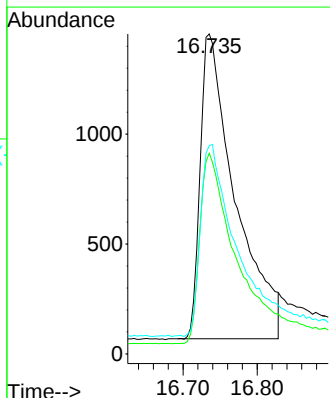
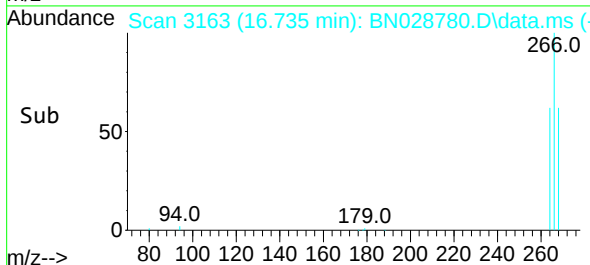
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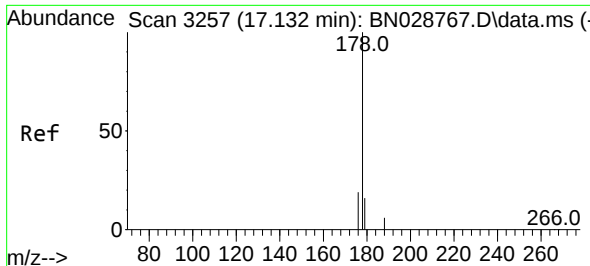


#14
Pentachlorophenol
Concen: 0.938 ng/ul
RT: 16.735 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



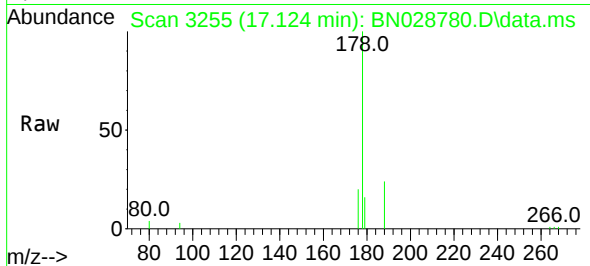
Tgt Ion:266 Resp: 4542
Ion Ratio Lower Upper
266 100
264 63.7 50.1 75.1
268 64.6 50.6 75.8





#15
Phenanthrene
Concen: 0.556 ng/u1
RT: 17.124 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

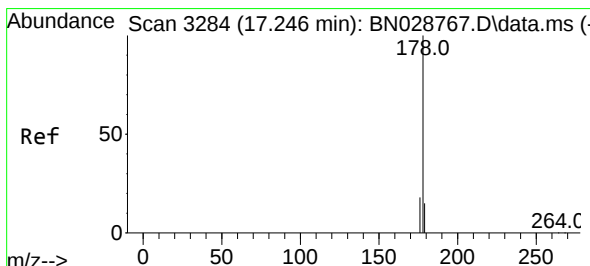
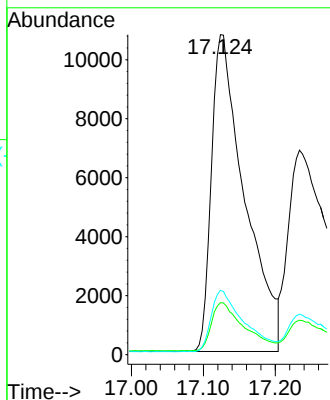
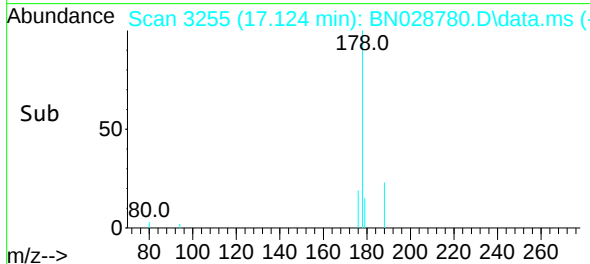
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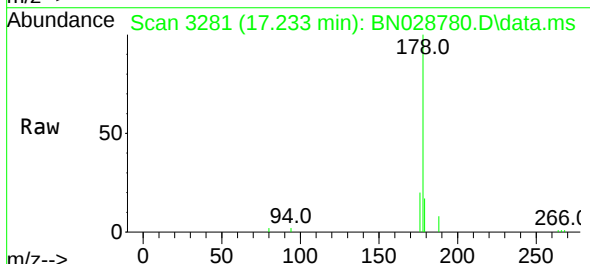
Tgt Ion:178 Resp: 3445
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.1 15.4 23.2

Manual Integrations
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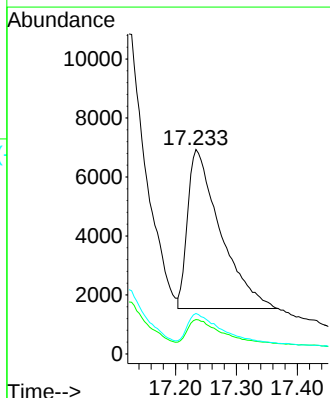
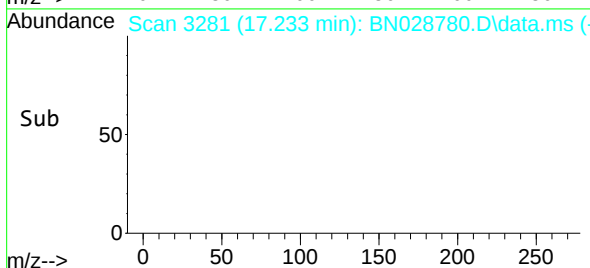
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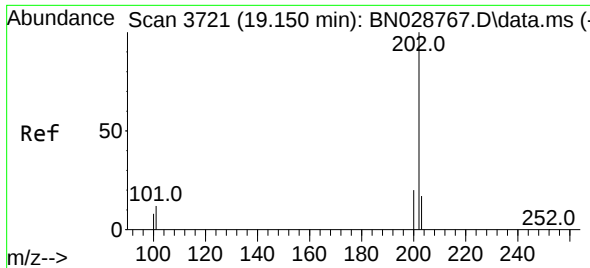


#16
Anthracene
Concen: 0.355 ng/u1
RT: 17.233 min Scan# 3281
Delta R.T. -0.004 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



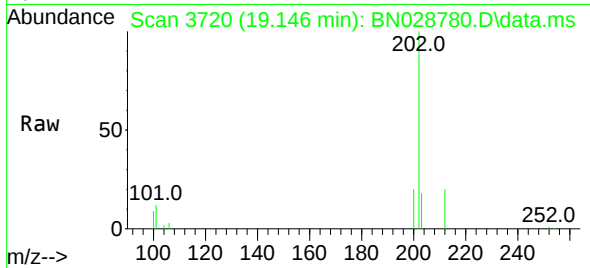
Tgt Ion:178 Resp: 20165
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.8 14.9 22.3





#19
Fluoranthene
Concen: 0.587 ng/u1
RT: 19.146 min Scan# 3721
Delta R.T. -0.004 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

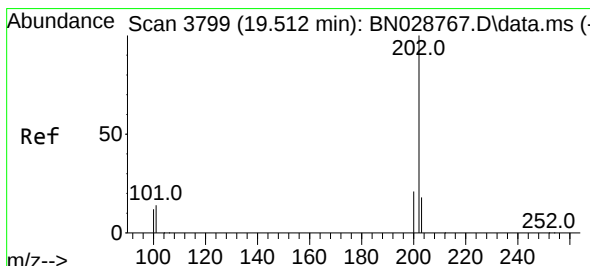
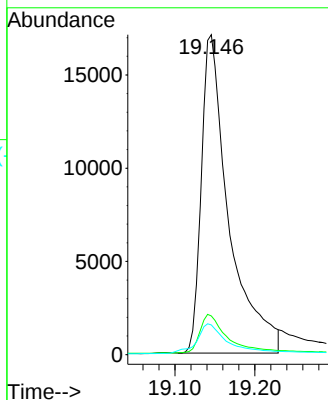
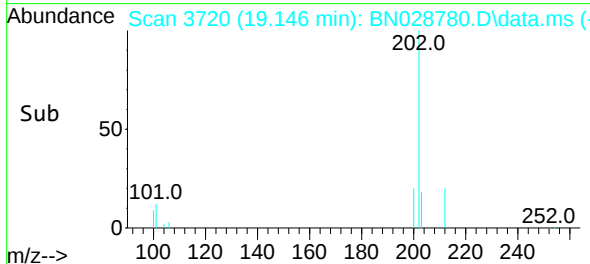
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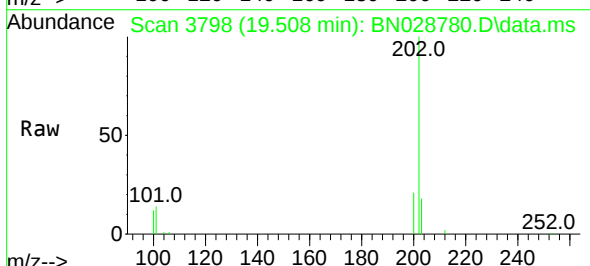
Tgt Ion:202 Resp: 4093
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.3 7.2 10.8

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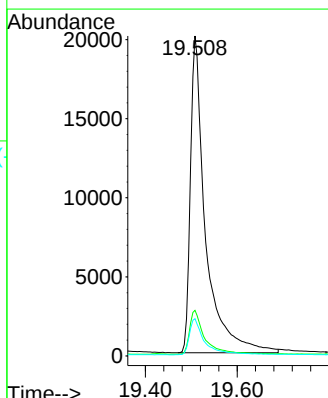
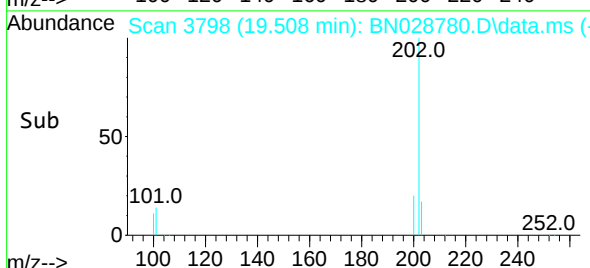
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

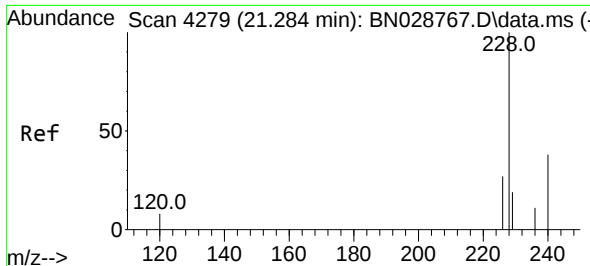


#20
Pyrene
Concen: 0.635 ng/u1
RT: 19.508 min Scan# 3798
Delta R.T. -0.004 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



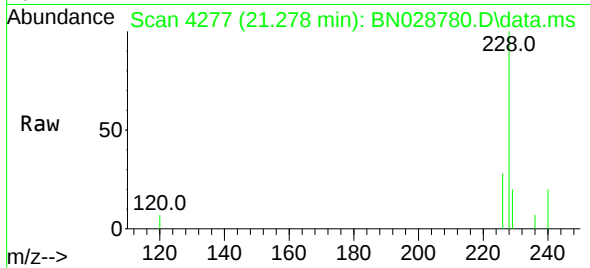
Tgt Ion:202 Resp: 45891
Ion Ratio Lower Upper
202 100
101 14.2 10.3 15.5
100 11.6 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.391 ng/u1
RT: 21.278 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

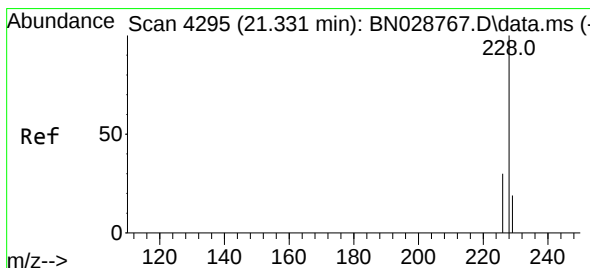
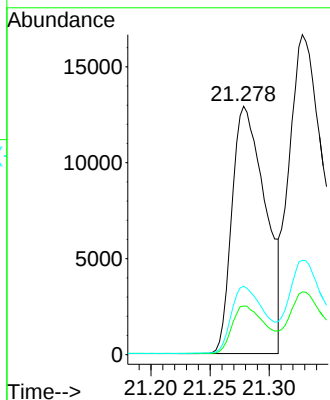
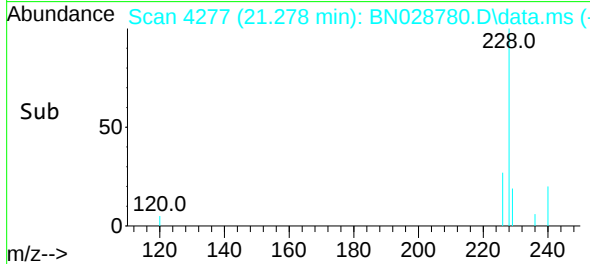
Instrument :
BNA_N
ClientSampleId :
SLCS226



Tgt Ion:228 Resp: 2536
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.6 21.4 32.0

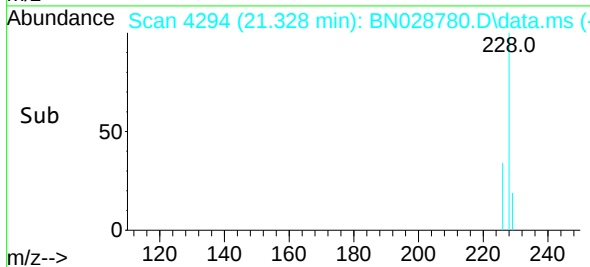
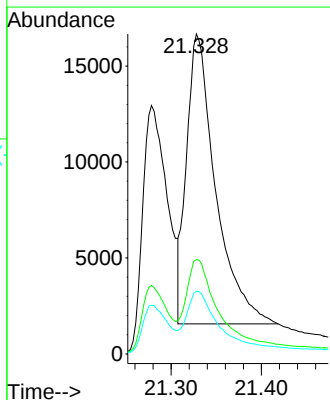
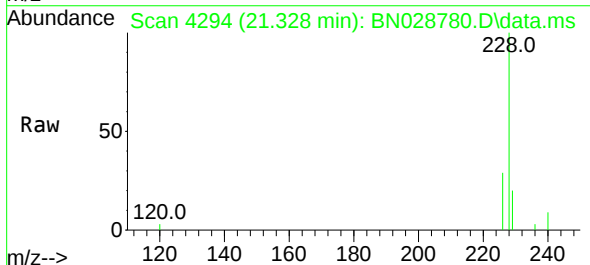
Manual Integrations
APPROVED

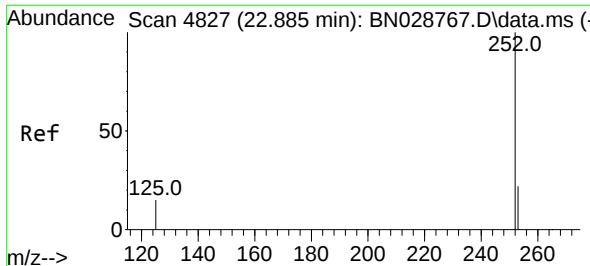
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.533 ng/u1
RT: 21.328 min Scan# 4294
Delta R.T. -0.005 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

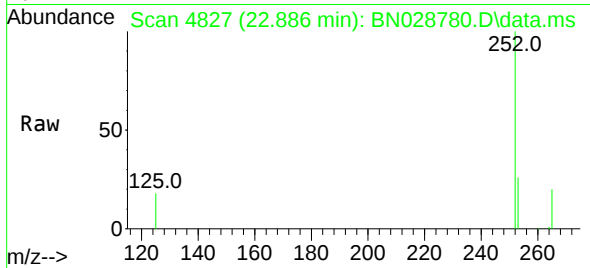
Tgt Ion:228 Resp: 33820
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 19.6 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.514 ng/ul
RT: 22.886 min Scan# 4827
Delta R.T. -0.002 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

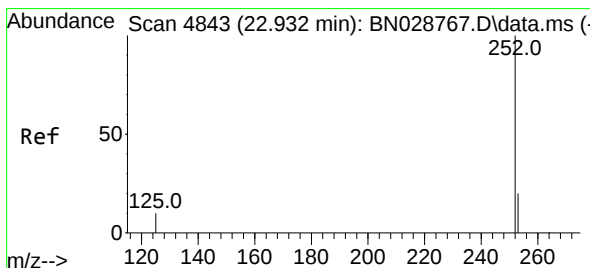
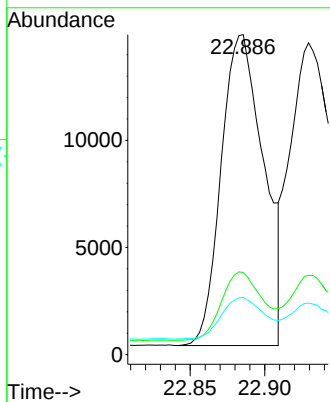
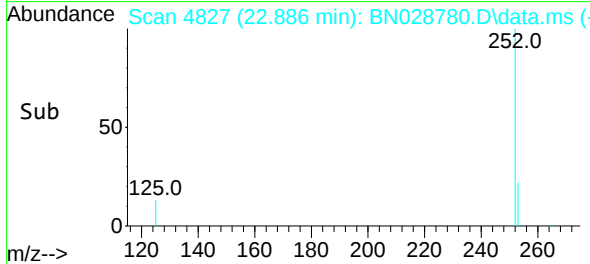
Instrument :
BNA_N
ClientSampleId :
SLCS226



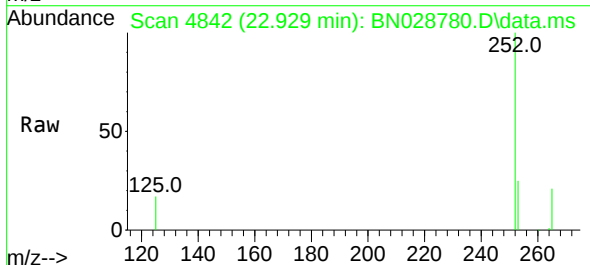
Tgt Ion:252 Resp: 28760
Ion Ratio Lower Upper
252 100
253 25.6 0.0 46.6
125 17.9 0.0 27.6

Manual Integrations
APPROVED

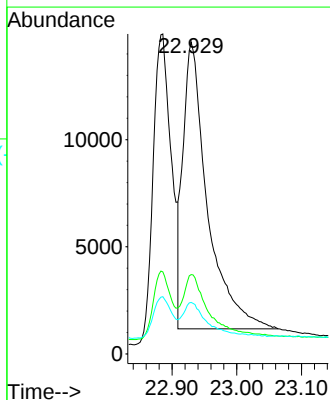
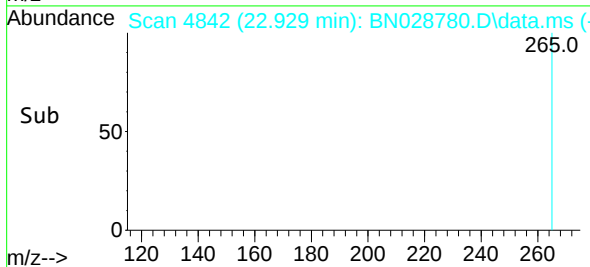
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

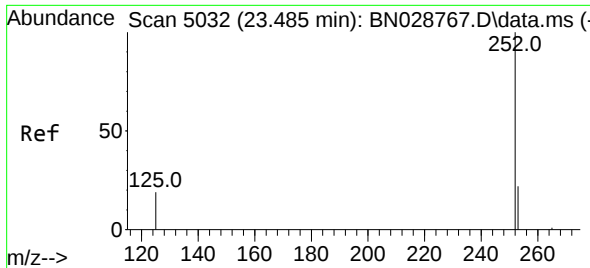


#25
Benzo(k)fluoranthene
Concen: 0.598 ng/ul
RT: 22.929 min Scan# 4842
Delta R.T. -0.002 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



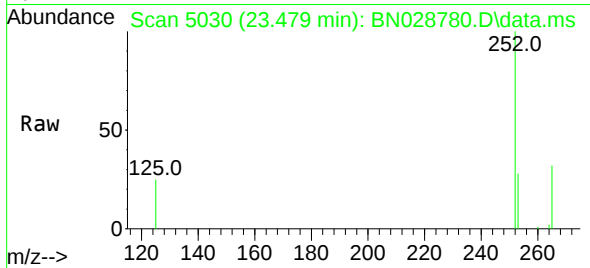
Tgt Ion:252 Resp: 35032
Ion Ratio Lower Upper
252 100
253 25.4 18.6 28.0
125 16.5 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.564 ng/ul
RT: 23.479 min Scan# 5032
Delta R.T. -0.002 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

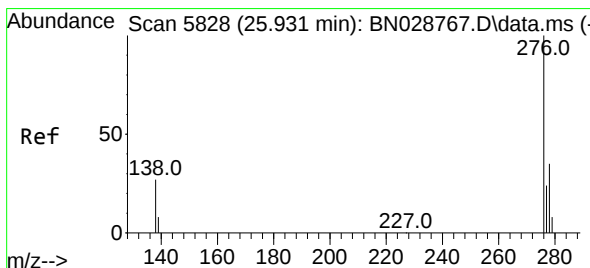
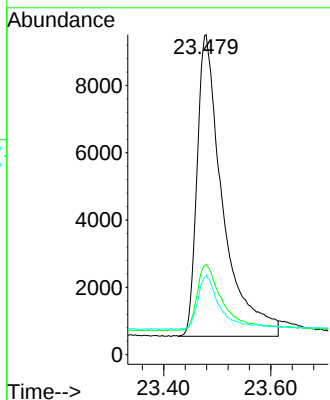
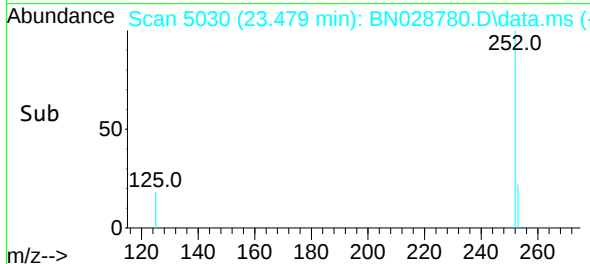
Instrument :
BNA_N
ClientSampleId :
SLCS226



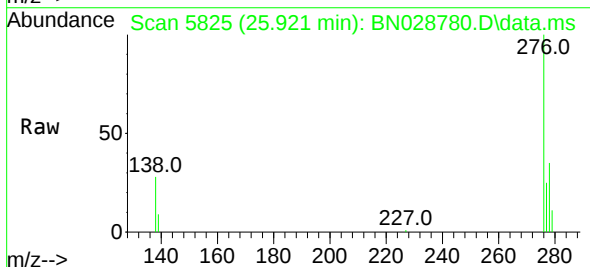
Tgt Ion:252 Resp: 29780
Ion Ratio Lower Upper
252 100
253 28.2 19.0 28.6
125 24.8 13.2 19.8

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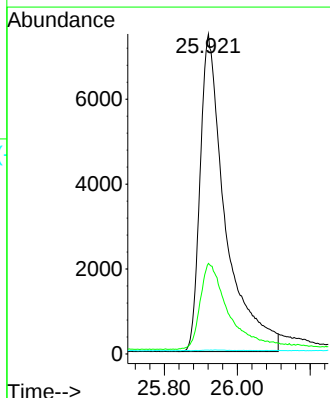
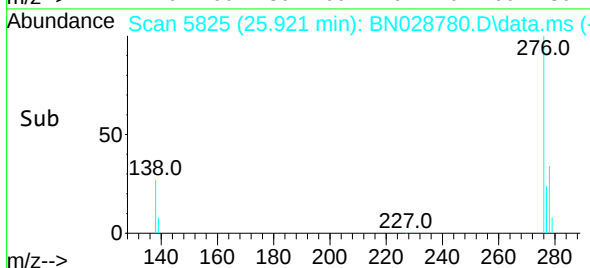
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

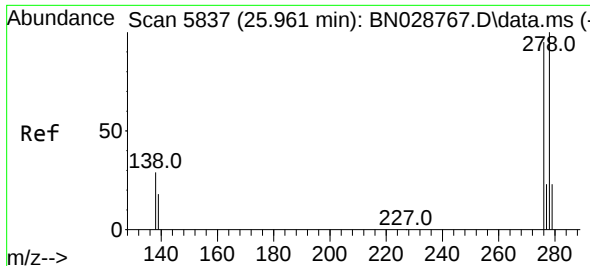


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.613 ng/ul
RT: 25.921 min Scan# 5825
Delta R.T. -0.010 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



Tgt Ion:276 Resp: 35896
Ion Ratio Lower Upper
276 100
138 30.6 23.8 35.6
227 0.1 0.1 0.1





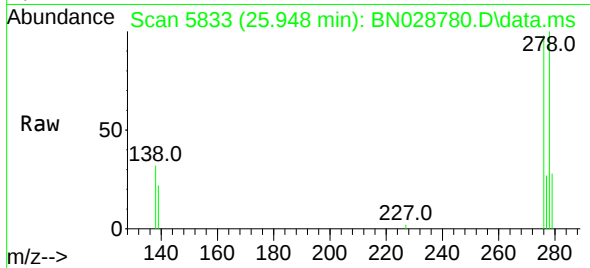
#28
Dibenzo(a,h)anthracene
Concen: 0.583 ng/ul
RT: 25.948 min Scan# 5833
Delta R.T. -0.010 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02

Instrument :

BNA_N

ClientSampleId :

SLCS226



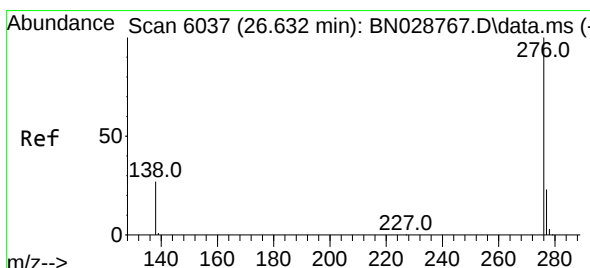
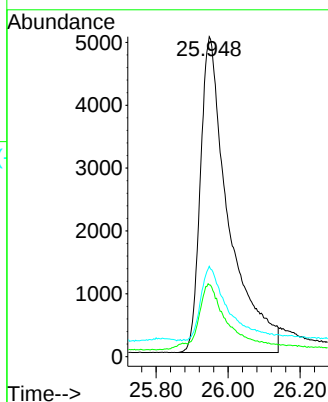
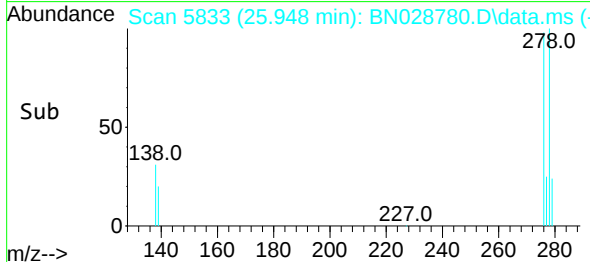
Tgt Ion:278 Resp: 2731
Ion Ratio Lower Upper
278 100
139 22.5 18.2 27.4
279 28.3 20.7 31.1

Manual Integrations

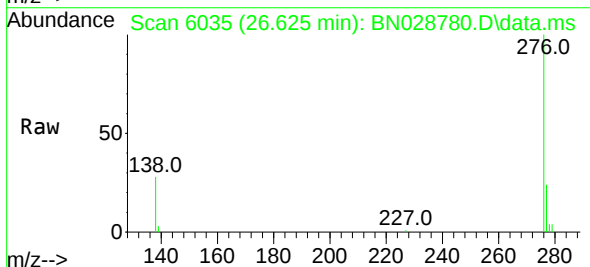
APPROVED

Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.661 ng/ul
RT: 26.625 min Scan# 6035
Delta R.T. -0.016 min
Lab File: BN028780.D
Acq: 19 Nov 2023 17:02



Tgt Ion:276 Resp: 31762
Ion Ratio Lower Upper
276 100
138 27.6 20.5 30.7
277 24.4 19.4 29.0

