

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028782.D
 Acq On : 19 Nov 2023 18:14
 Operator : MA/JU
 Sample : PB157222BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS222

Manual Integrations
 APPROVED

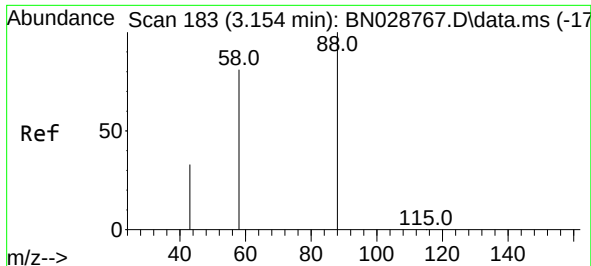
Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 20 02:38:44 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)

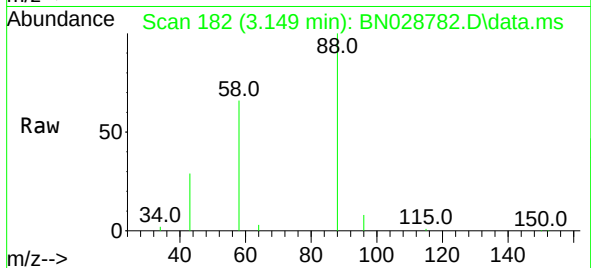
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	6676m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.506	136	17620m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.320	164	10979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.093	188	15607	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	13054	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	11535	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	7029m	0.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	7181	0.271	ng/ul	0.02
18) Fluoranthene-d10	19.117	212	25764	0.613	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.149	88	22172m	2.719	ng/ul	
5) Naphthalene	10.555	128	21030	0.426	ng/ul	97
7) 2-Methylnaphthalene	12.200	142	11955m	0.367	ng/ul	
8) 1-Methylnaphthalene	12.370	142	13129	0.397	ng/ul	99
10) Acenaphthylene	14.047	152	26902	0.491	ng/ul	99
11) Acenaphthene	14.380	153	22085	0.548	ng/ul	99
12) Fluorene	15.393	166	19359	0.413	ng/ul	98
14) Pentachlorophenol	16.743	266	3570	0.953	ng/ul	100
15) Phenanthrene	17.127	178	29304	0.611	ng/ul	98
16) Anthracene	17.241	178	16598	0.377	ng/ul	96
19) Fluoranthene	19.149	202	34831	0.627	ng/ul	99
20) Pyrene	19.512	202	39484	0.686	ng/ul	97
21) Benzo(a)anthracene	21.283	228	19614	0.380	ng/ul	99
22) Chrysene	21.330	228	27799	0.551	ng/ul	100
24) Benzo(b)fluoranthene	22.888	252	23051	0.532	ng/ul	91
25) Benzo(k)fluoranthene	22.934	252	29363	0.648	ng/ul	94
26) Benzo(a)pyrene	23.481	252	24543	0.601	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.927	276	30024	0.662	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.954	278	22458	0.620	ng/ul	97
29) Benzo(g,h,i)perylene	26.631	276	26937	0.725	ng/ul	97

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



#2
1,4-Dioxane
Concen: 2.719 ng/ul m
RT: 3.149 min Scan# 183
Delta R.T. -0.005 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

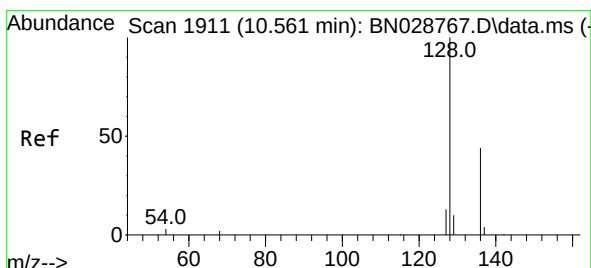
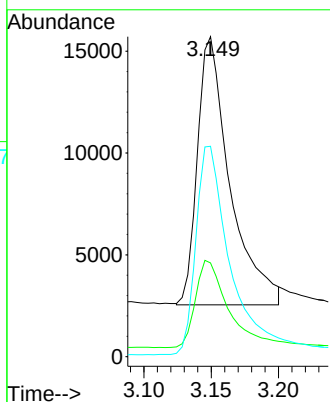
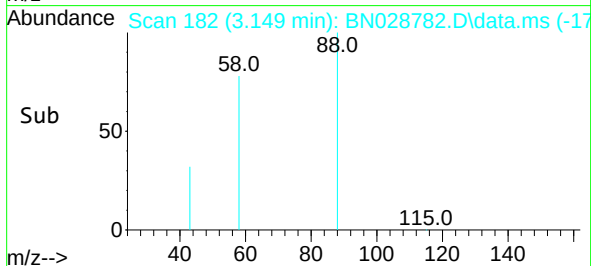
Instrument :
BNA_N
ClientSampleId :
SLCS222



Tgt Ion: 88 Resp: 2217
Ion Ratio Lower Upper
88 100
43 29.3 32.9 49.3
58 65.7 41.8 62.8

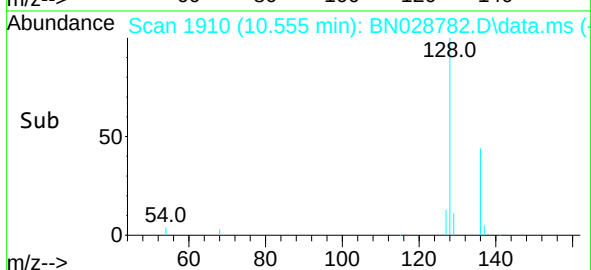
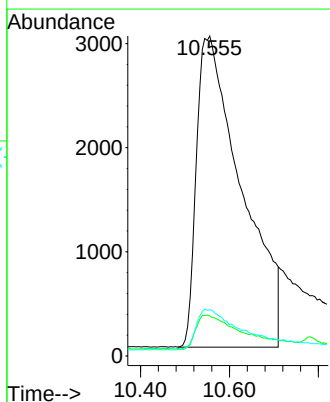
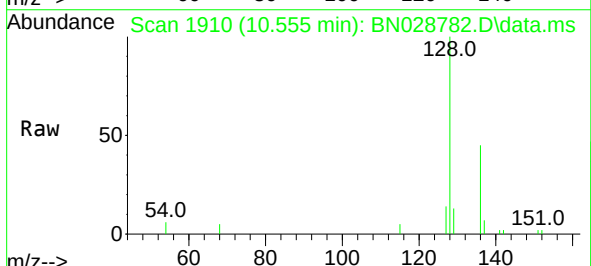
Manual Integrations
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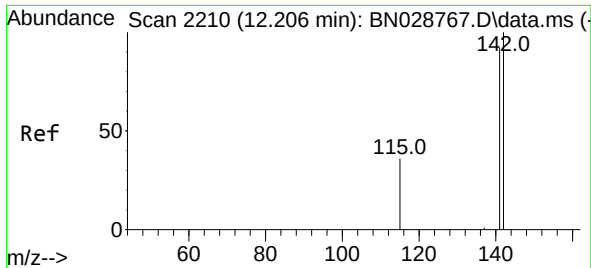
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.555 min Scan# 1910
Delta R.T. 0.022 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

Tgt Ion:128 Resp: 21030
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.5 10.7 16.1





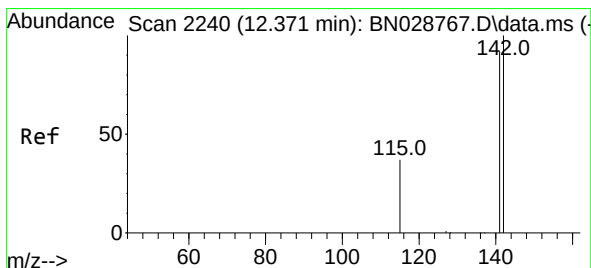
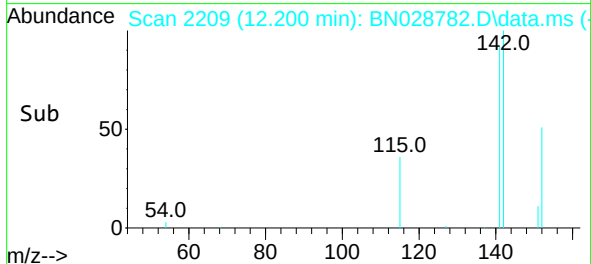
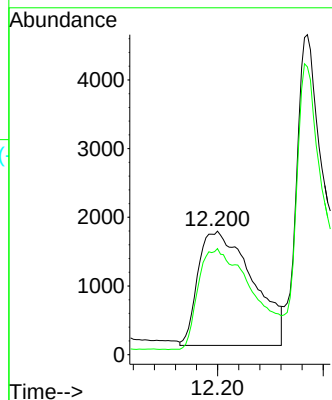
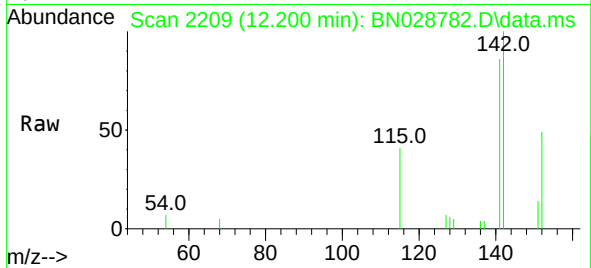
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul m
RT: 12.200 min Scan# 2210
Delta R.T. 0.027 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

Instrument :
BNA_N
ClientSampleId :
SLCS222

Tgt Ion:142 Resp: 1195
Ion Ratio Lower Upper
142 100
141 63.1 70.8 106.2

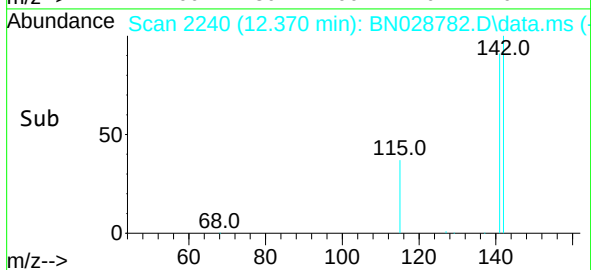
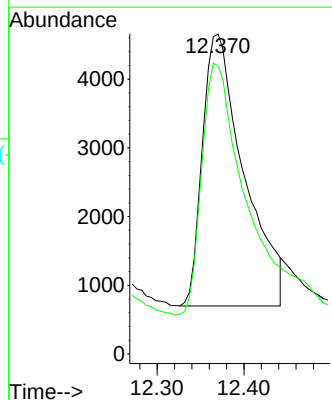
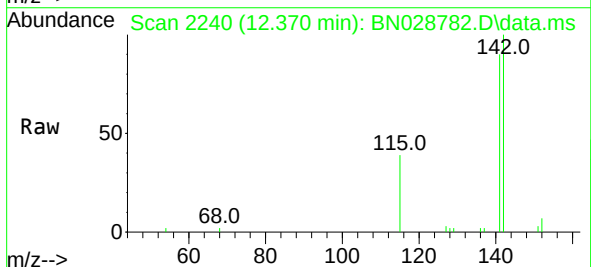
Manual Integrations
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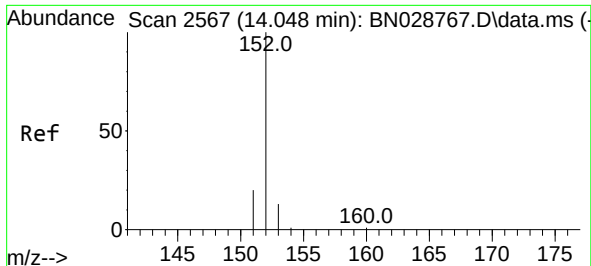
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.370 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

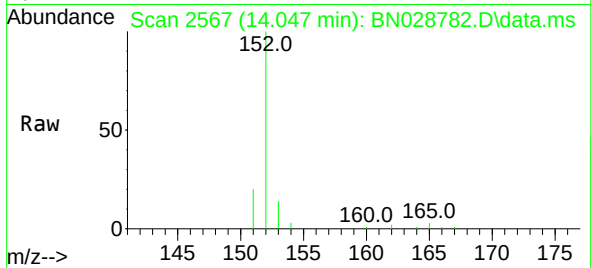
Tgt Ion:142 Resp: 13129
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.491 ng/ul
RT: 14.047 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

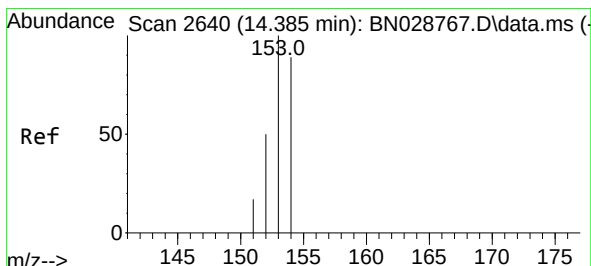
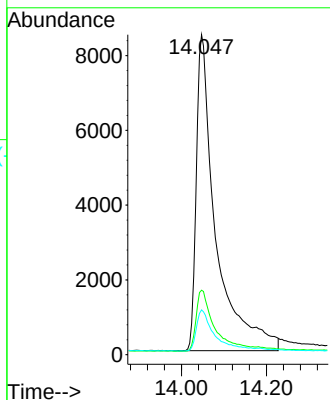
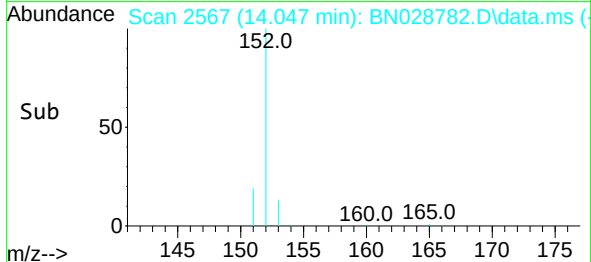
Instrument :
BNA_N
ClientSampleId :
SLCS222



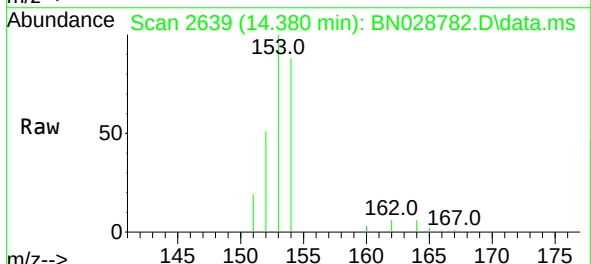
Tgt Ion:152 Resp: 2690
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.0 10.6 15.8

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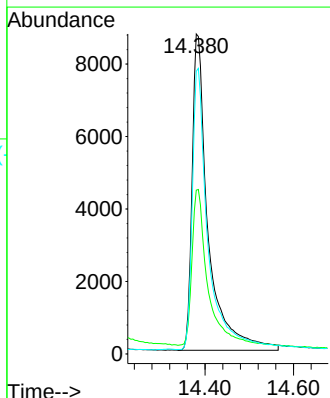
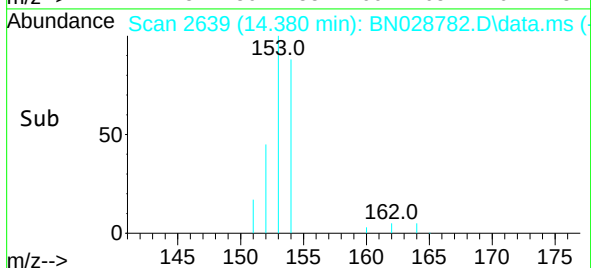
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

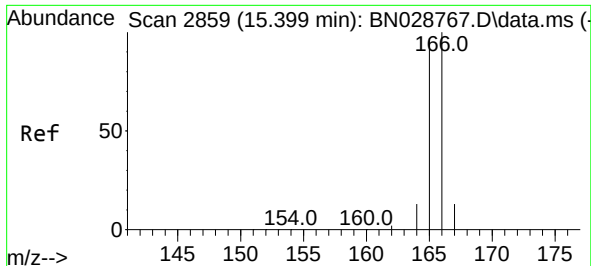


#11
Acenaphthene
Concen: 0.548 ng/ul
RT: 14.380 min Scan# 2639
Delta R.T. -0.010 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14



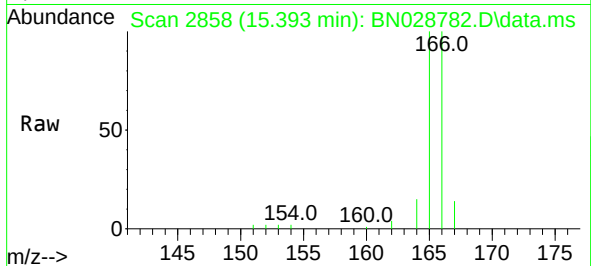
Tgt Ion:153 Resp: 22085
Ion Ratio Lower Upper
153 100
152 51.2 39.6 59.4
154 88.3 71.0 106.6





#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.393 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

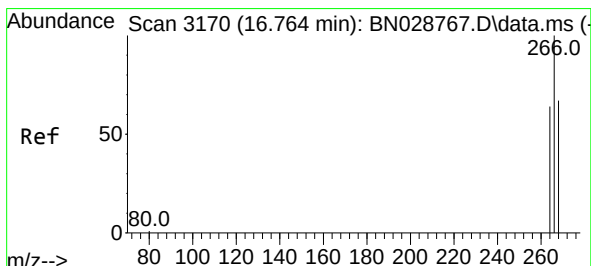
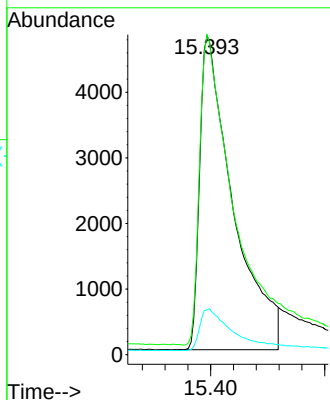
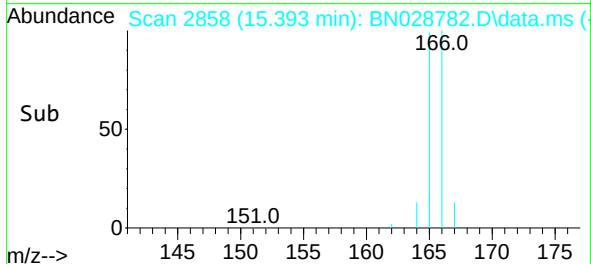
Instrument :
BNA_N
ClientSampleId :
SLCS222



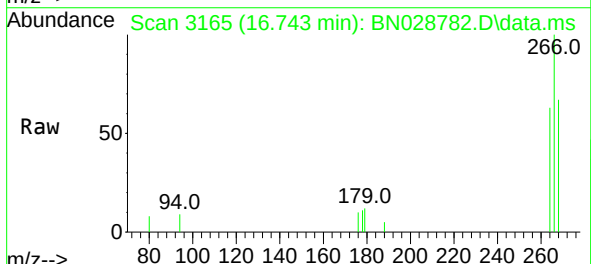
Tgt Ion:166 Resp: 1935
Ion Ratio Lower Upper
166 100
165 100.3 78.6 118.0
167 14.0 11.0 16.6

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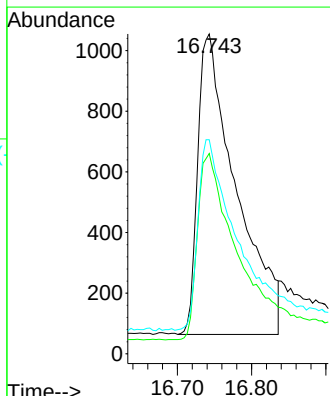
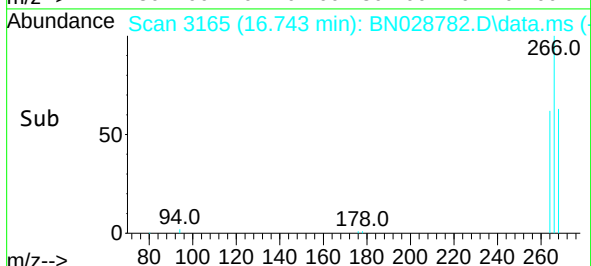
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

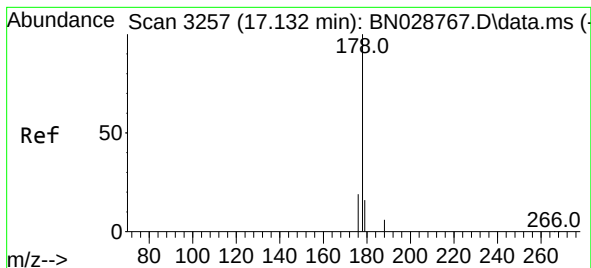


#14
Pentachlorophenol
Concen: 0.953 ng/ul
RT: 16.743 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14



Tgt Ion:266 Resp: 3570
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 63.6 50.6 75.8





#15

Phenanthrene

Concen: 0.611 ng/ul

RT: 17.127 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN028782.D

Acq: 19 Nov 2023 18:14

Instrument :

BNA_N

ClientSampleId :

SLCS222

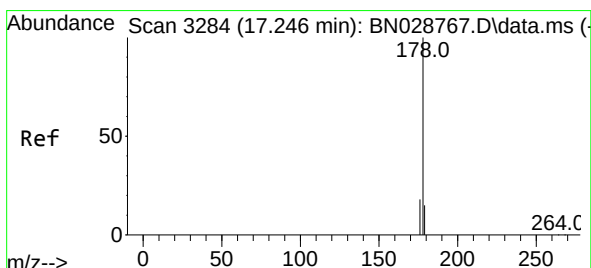
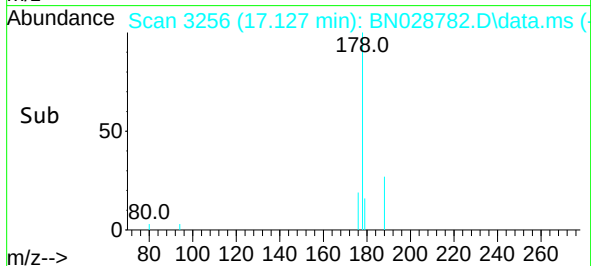
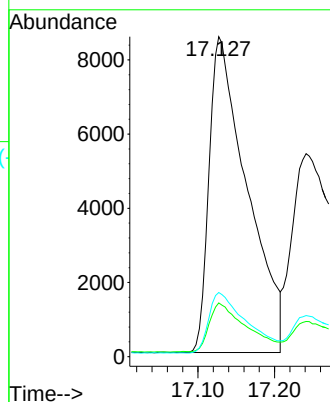
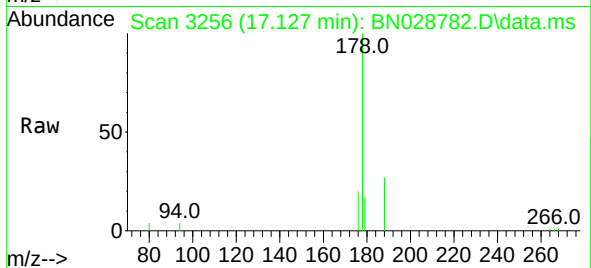
Tgt Ion:178	Resp:	29304
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.4 18.6
176	20.0	15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/20/2023



#16

Anthracene

Concen: 0.377 ng/ul

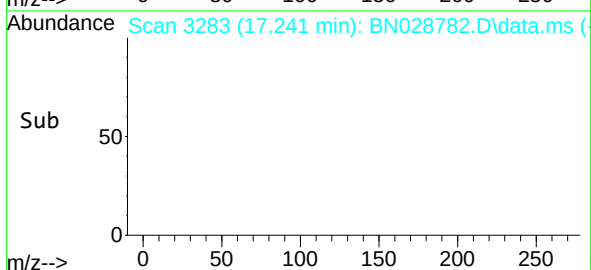
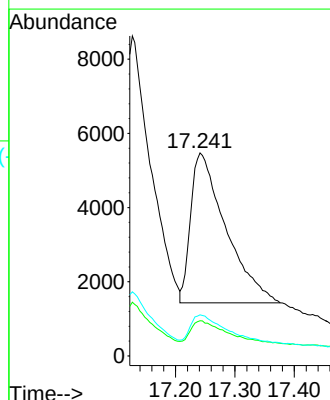
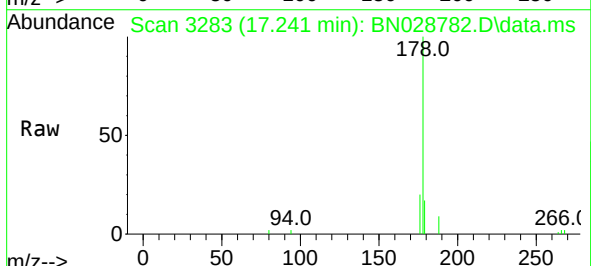
RT: 17.241 min Scan# 3283

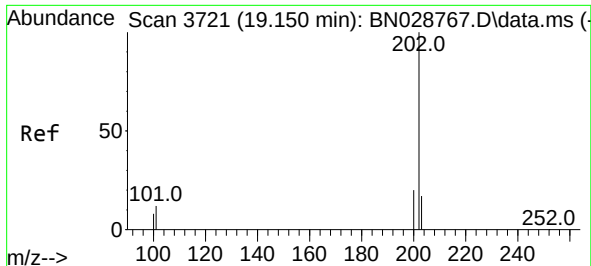
Delta R.T. 0.004 min

Lab File: BN028782.D

Acq: 19 Nov 2023 18:14

Tgt Ion:178	Resp:	16598
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.6 18.8
176	20.2	14.9 22.3





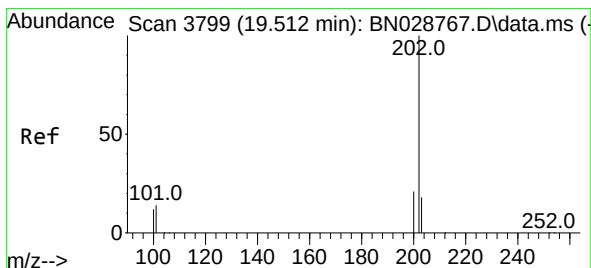
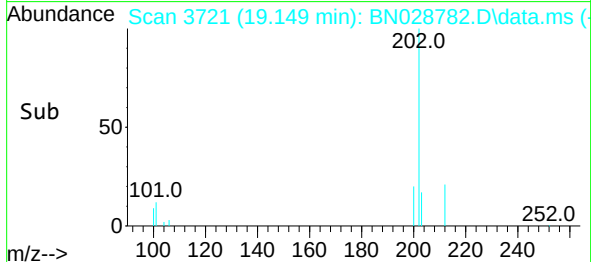
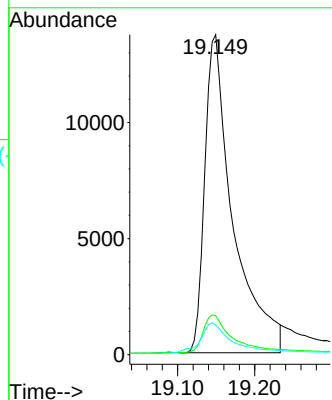
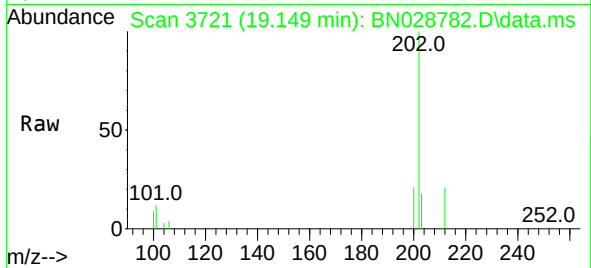
#19
Fluoranthene
Concen: 0.627 ng/u1
RT: 19.149 min Scan# 3721
Delta R.T. -0.000 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

Instrument :
BNA_N
ClientSampleId :
SLCS222

Tgt Ion:202 Resp: 3483
Ion Ratio Lower Upper
202 100
101 12.2 9.5 14.3
100 9.3 7.2 10.8

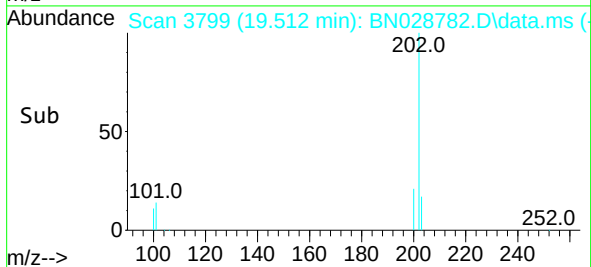
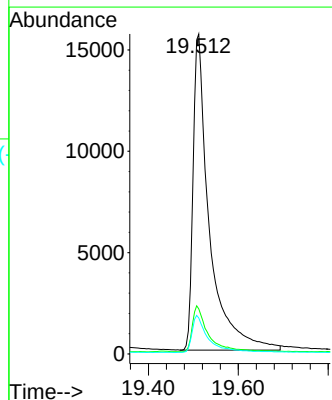
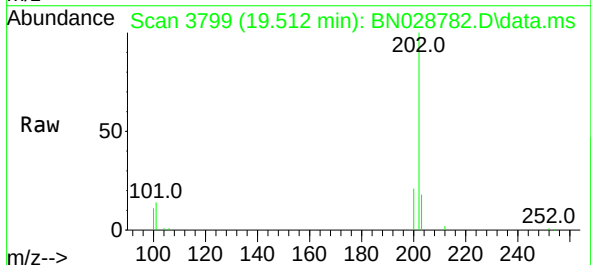
Manual Integrations
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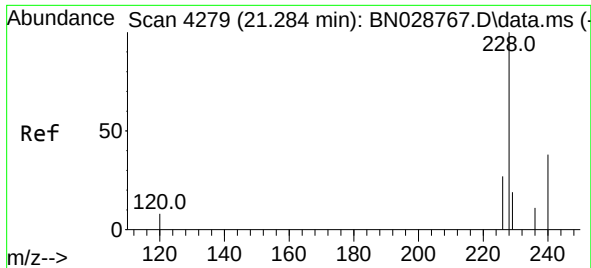
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.686 ng/u1
RT: 19.512 min Scan# 3799
Delta R.T. -0.000 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

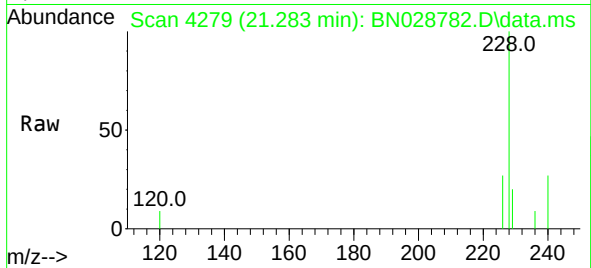
Tgt Ion:202 Resp: 39484
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 11.3 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.380 ng/u1
RT: 21.283 min Scan# 4279
Delta R.T. 0.003 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

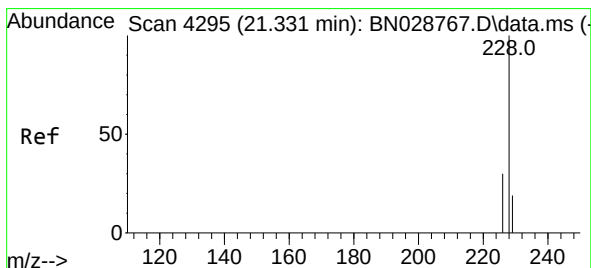
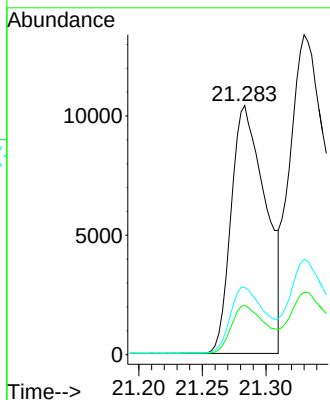
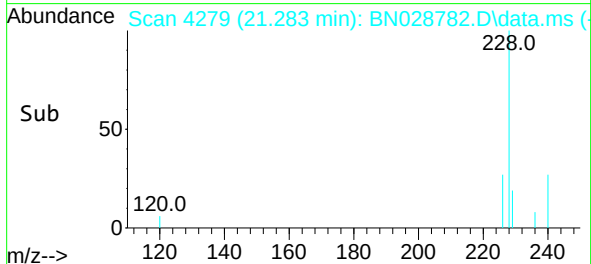
Instrument :
BNA_N
ClientSampleId :
SLCS222



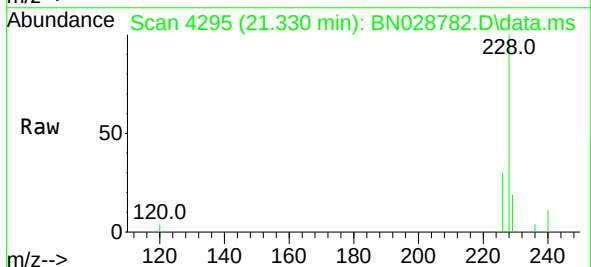
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Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.0 21.4 32.0

Manual Integrations
APPROVED

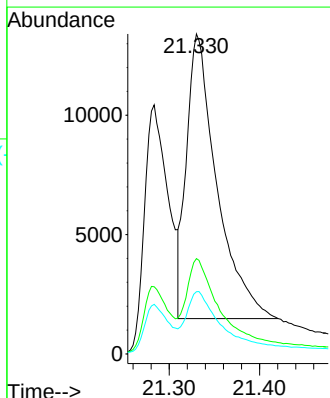
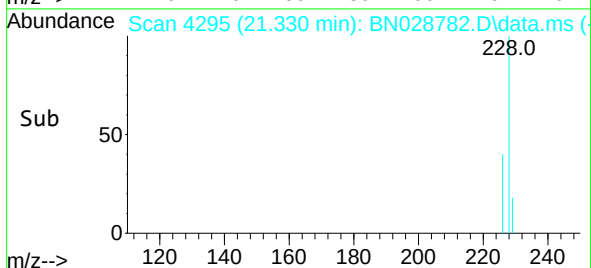
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

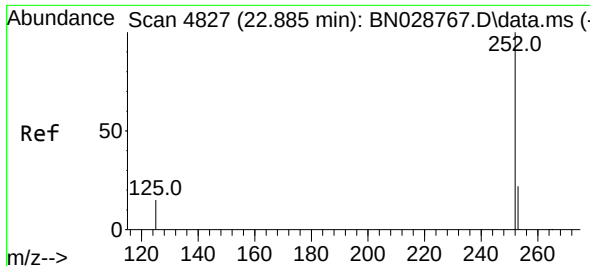


#22
Chrysene
Concen: 0.551 ng/u1
RT: 21.330 min Scan# 4295
Delta R.T. -0.003 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14



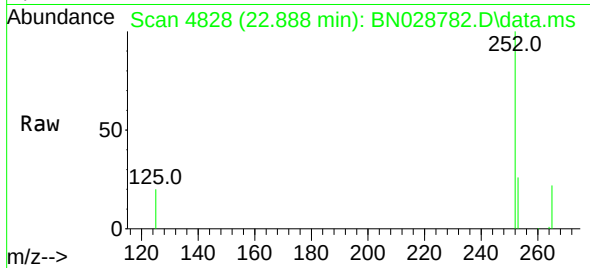
Tgt Ion:228 Resp: 27799
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.5 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.532 ng/ul
RT: 22.888 min Scan# 4828
Delta R.T. -0.000 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

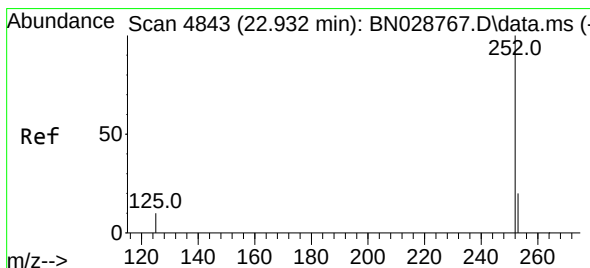
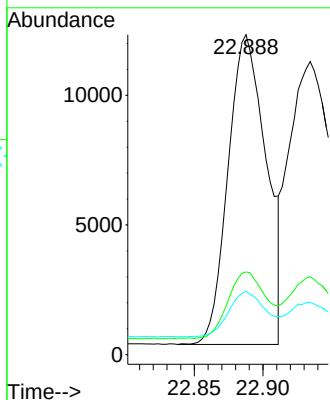
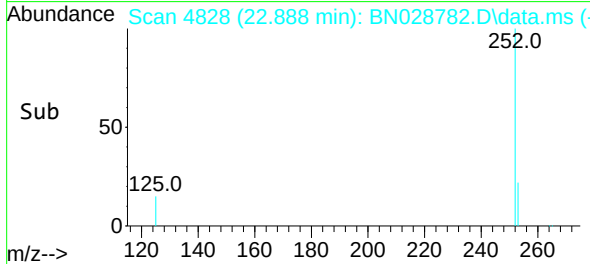
Instrument :
BNA_N
ClientSampleId :
SLCS222



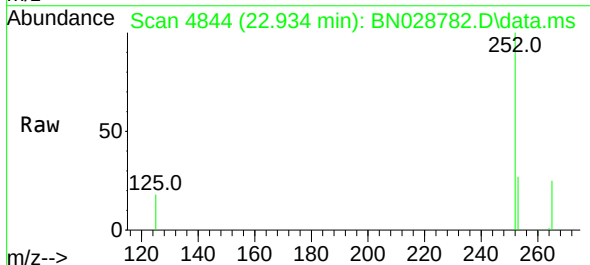
Tgt Ion:252 Resp: 2305
Ion Ratio Lower Upper
252 100
253 25.8 0.0 46.6
125 19.9 0.0 27.6

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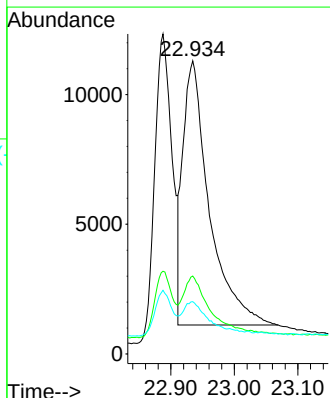
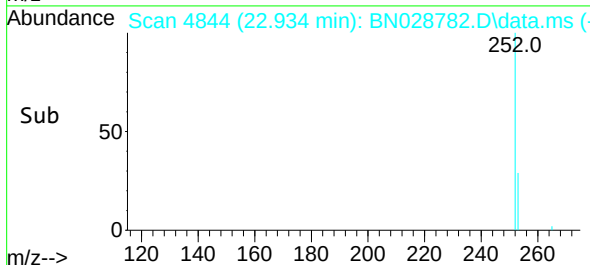
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

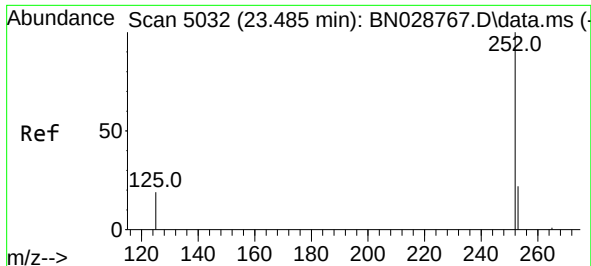


#25
Benzo(k)fluoranthene
Concen: 0.648 ng/ul
RT: 22.934 min Scan# 4844
Delta R.T. 0.003 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14



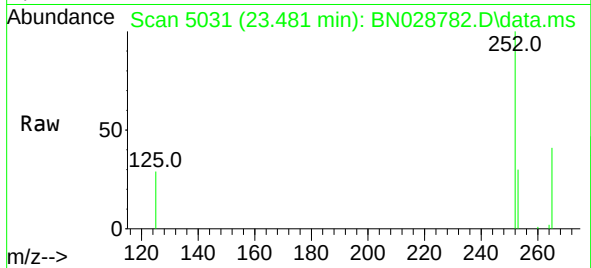
Tgt Ion:252 Resp: 29363
Ion Ratio Lower Upper
252 100
253 26.6 18.6 28.0
125 17.9 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.601 ng/ul
RT: 23.481 min Scan# 5032
Delta R.T. -0.000 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

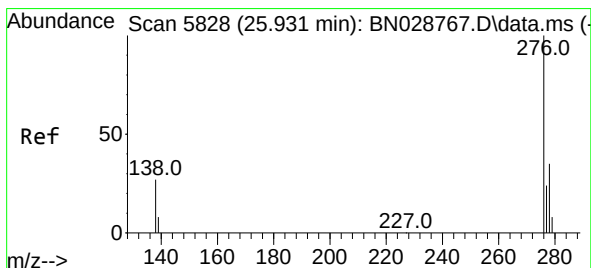
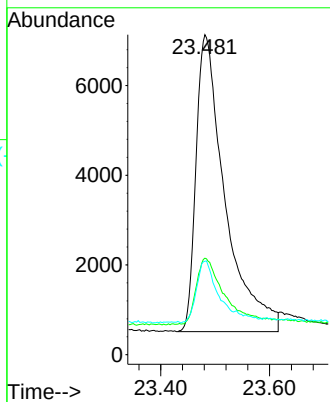
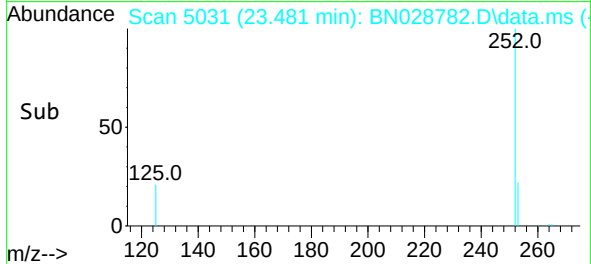
Instrument :
BNA_N
ClientSampleId :
SLCS222



Tgt Ion:252 Resp: 2454
Ion Ratio Lower Upper
252 100
253 30.2 19.0 28.6
125 29.2 13.2 19.8

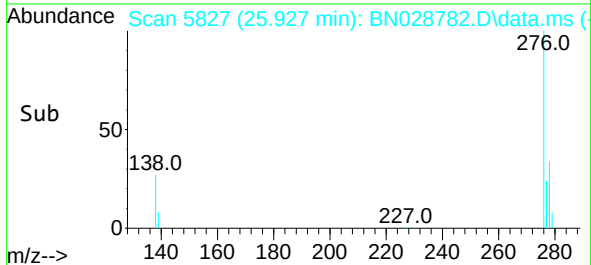
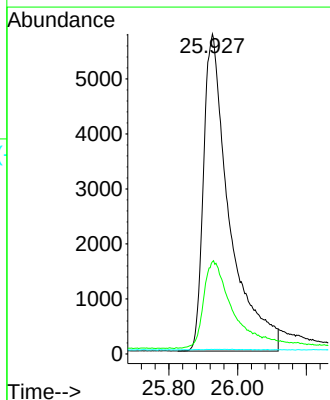
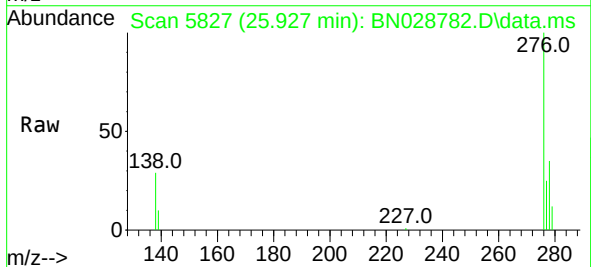
Manual Integrations
APPROVED

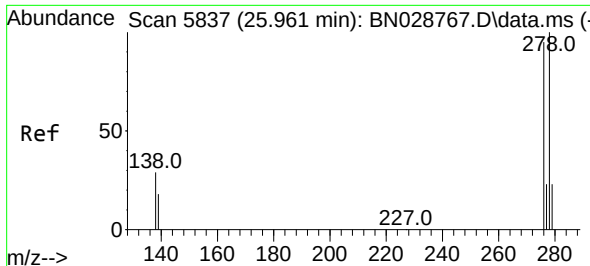
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.662 ng/ul
RT: 25.927 min Scan# 5827
Delta R.T. -0.004 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

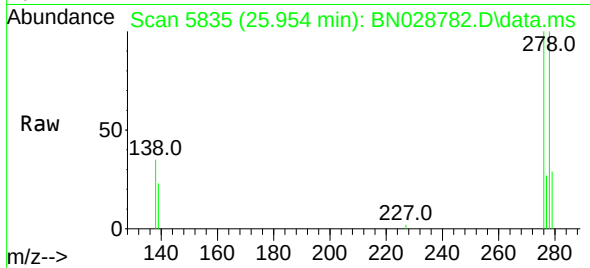
Tgt Ion:276 Resp: 30024
Ion Ratio Lower Upper
276 100
138 31.2 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.620 ng/ul
RT: 25.954 min Scan# 5835
Delta R.T. -0.004 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14

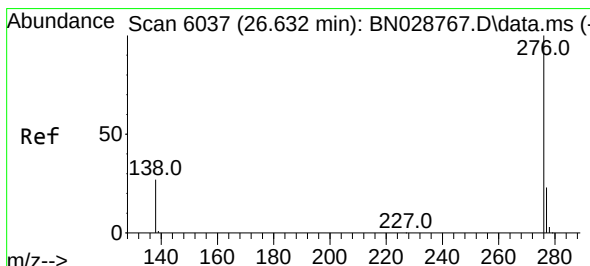
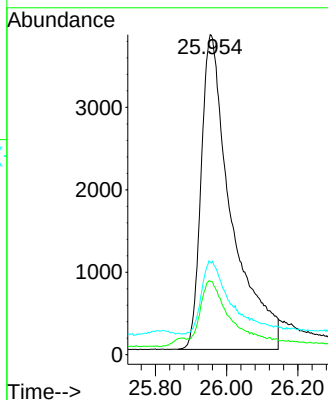
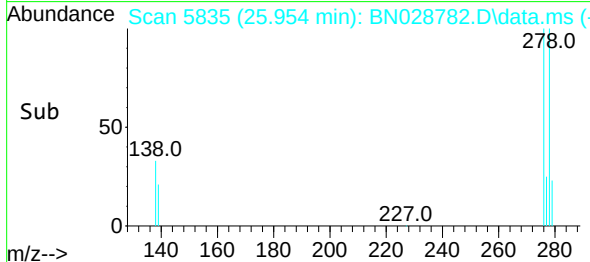
Instrument :
BNA_N
ClientSampleId :
SLCS222



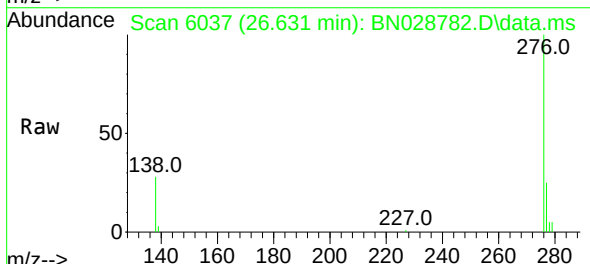
Tgt Ion:278 Resp: 22458
Ion Ratio Lower Upper
278 100
139 23.0 18.2 27.4
279 29.0 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.725 ng/ul
RT: 26.631 min Scan# 6037
Delta R.T. -0.010 min
Lab File: BN028782.D
Acq: 19 Nov 2023 18:14



Tgt Ion:276 Resp: 26937
Ion Ratio Lower Upper
276 100
138 28.2 20.5 30.7
277 24.7 19.4 29.0

