

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027463.D
 Acq On : 08 Sep 2023 05:13
 Operator : MA/JU
 Sample : 04166-07
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJK4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 05:40:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	26706	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.680	164	24690	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.426	188	36349	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.601	240	21914	0.400	ng/ul	0.00
23) Perylene-d12	24.109	264	20522	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	43425	4.213	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	14882	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.446	212	35280	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	20215	1.938	ng/ul#	87
5) Naphthalene	10.922	128	4278120	55.224	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	85474	1.764	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	2321099	44.949	ng/ul	99
10) Acenaphthylene	14.398	152	29028	0.257	ng/ul#	7
11) Acenaphthene	14.740	153	23693	0.244	ng/ul	98
12) Fluorene	15.725	166	6530	0.060	ng/ul#	72
15) Phenanthrene	17.468	178	4675	0.039	ng/ul#	19
16) Anthracene	17.561	178	3021	0.032	ng/ul#	29
19) Fluoranthene	19.474	202	6549	0.065	ng/ul#	83
20) Pyrene	19.845	202	8590	0.084	ng/ul#	92
21) Benzo(a)anthracene	21.583	228	4753	0.060	ng/ul#	73
22) Chrysene	21.638	228	5200	0.056	ng/ul#	74
24) Benzo(b)fluoranthene	23.331	252	5212m	0.054	ng/ul	
25) Benzo(k)fluoranthene	23.378	252	1993m	0.021	ng/ul	
26) Benzo(a)pyrene	24.000	252	3238	0.043	ng/ul#	28
27) Indeno(1,2,3-cd)pyrene	26.757	276	2277	0.027	ng/ul#	95
29) Benzo(g,h,i)perylene	27.585	276	2393	0.032	ng/ul#	58

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

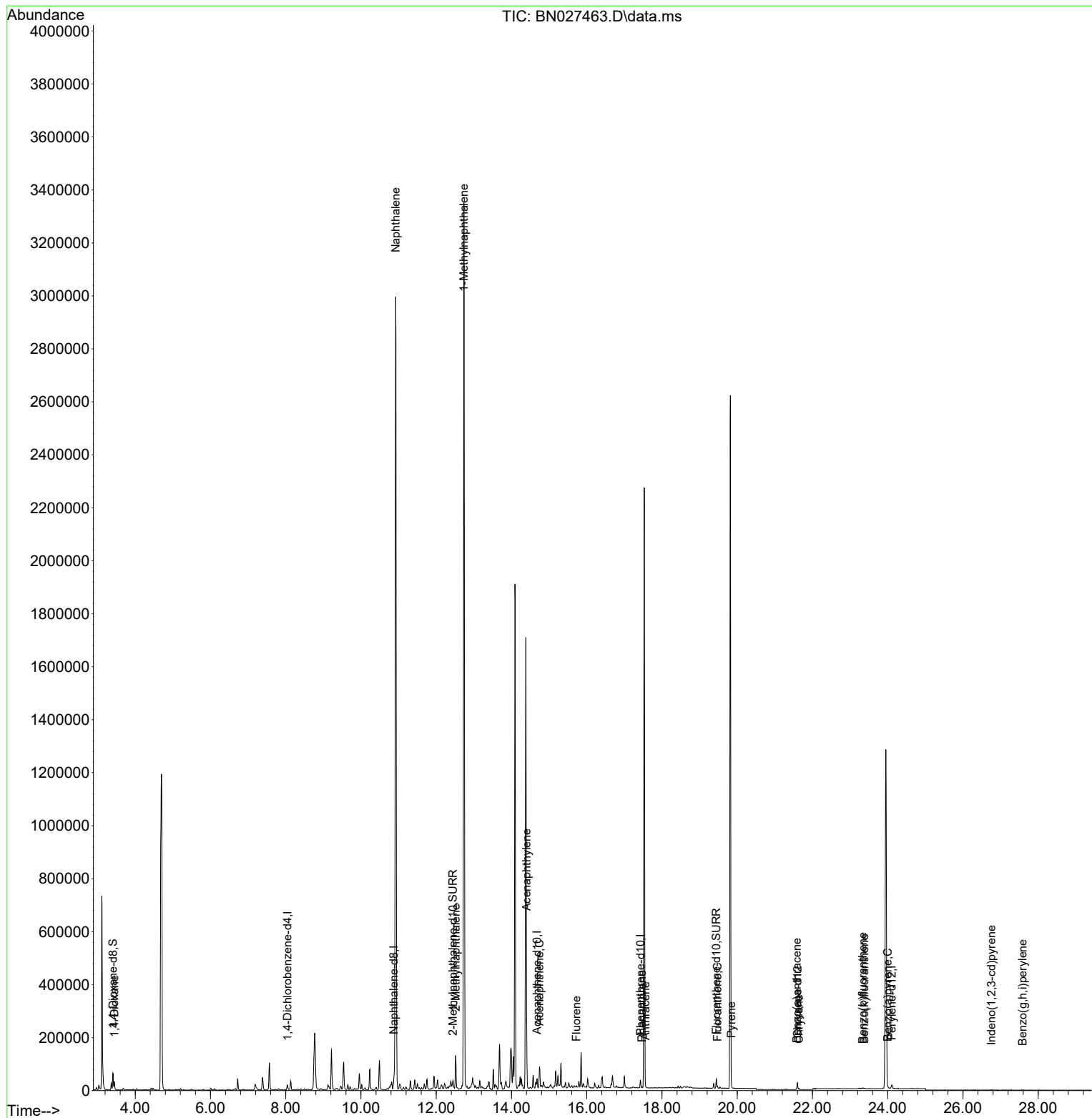
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027463.D
Acq On : 08 Sep 2023 05:13
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ALS Vial : 64 Sample Multiplier: 1

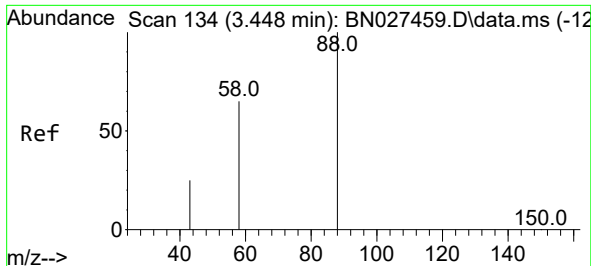
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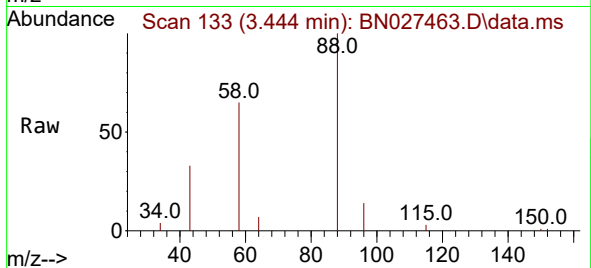
Quant Time: Sep 08 05:40:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 03:55:54 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.938 ng/ul
RT: 3.444 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

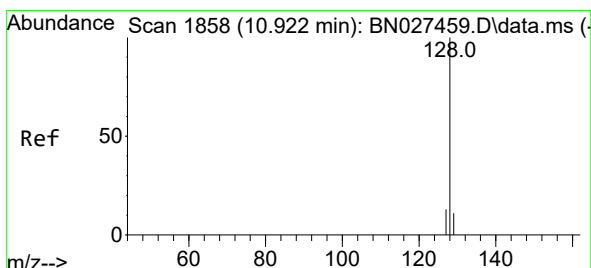
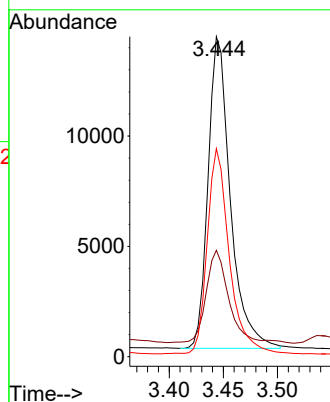
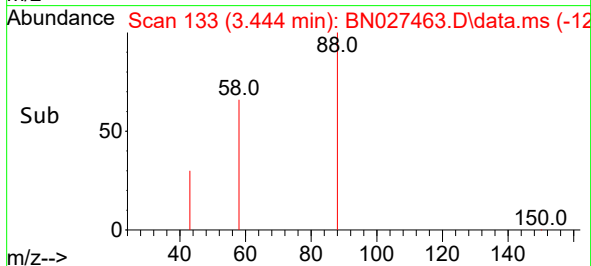
Instrument :
BNA_N
ClientSampleId :
BBJK4



Tgt Ion: 88 Resp: 2021
Ion Ratio Lower Upper
88 100
43 33.2 26.8 40.2
58 65.0 39.9 59.9

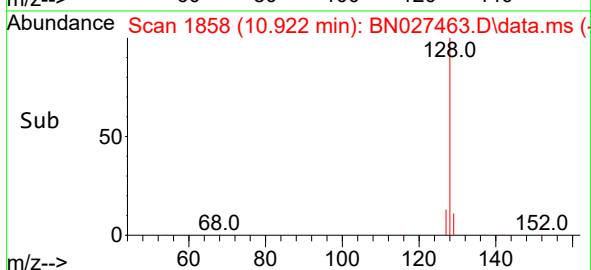
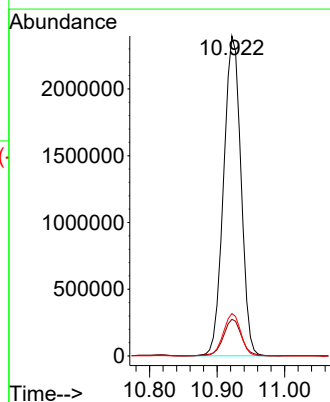
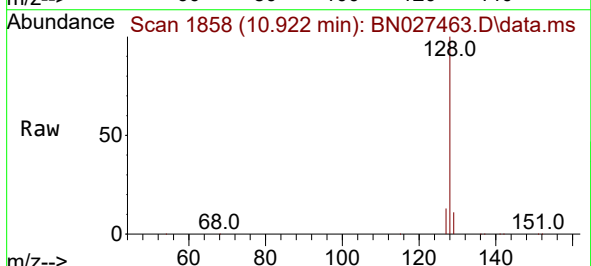
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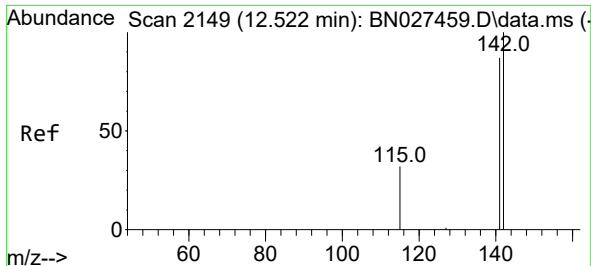
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#5
Naphthalene
Concen: 55.224 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

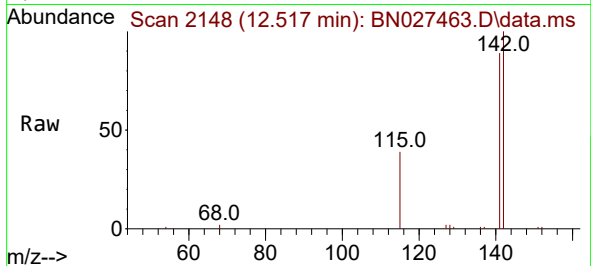
Tgt Ion:128 Resp: 4278120
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.6 16.0





#7
2-Methylnaphthalene
Concen: 1.764 ng/ul
RT: 12.517 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

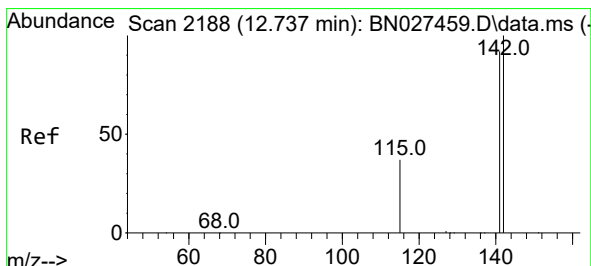
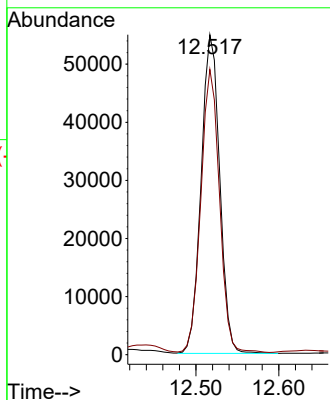
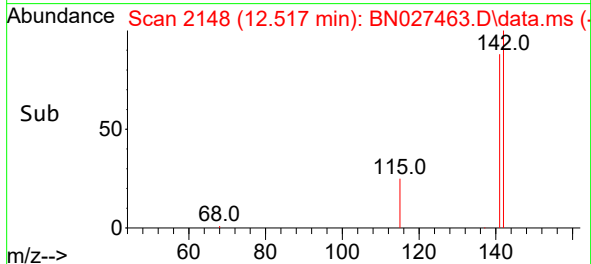
Instrument :
BNA_N
ClientSampleId :
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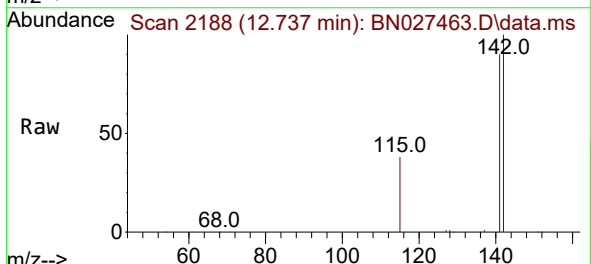
Tgt Ion:142 Resp: 85474
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4

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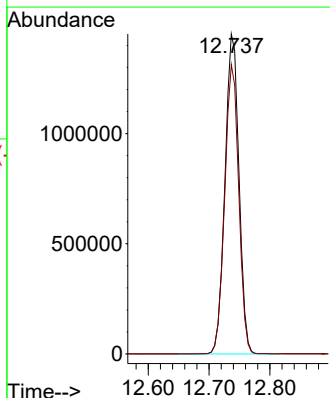
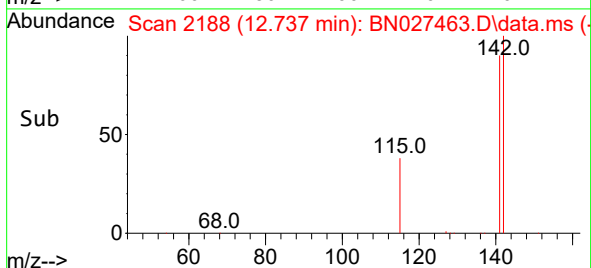
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

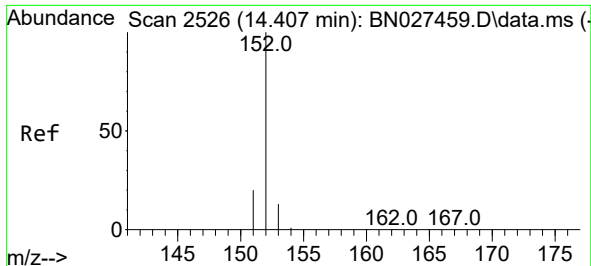


#8
1-Methylnaphthalene
Concen: 44.949 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13



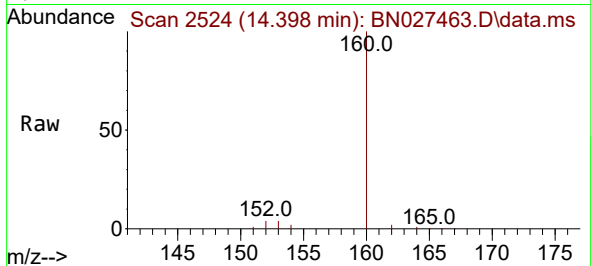
Tgt Ion:142 Resp: 2321099
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4





#10
Acenaphthylene
Concen: 0.257 ng/ul
RT: 14.398 min Scan# 2526
Delta R.T. -0.009 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

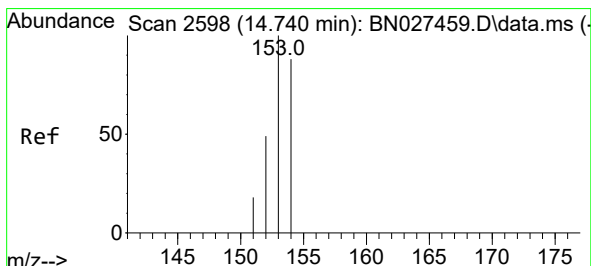
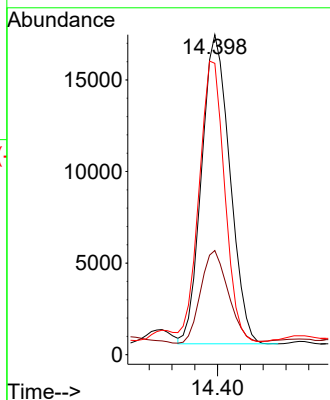
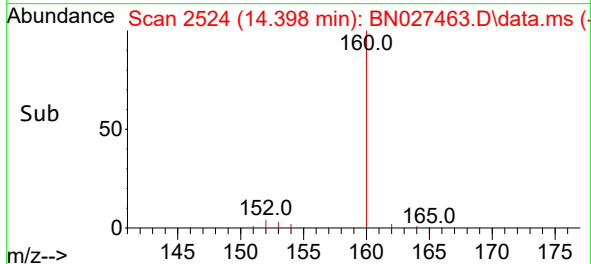
Instrument :
BNA_N
ClientSampleId :
BBJK4



Tgt Ion:152 Resp: 29028
Ion Ratio Lower Upper
152 100
151 32.6 16.3 24.5
153 91.0 11.1 16.7

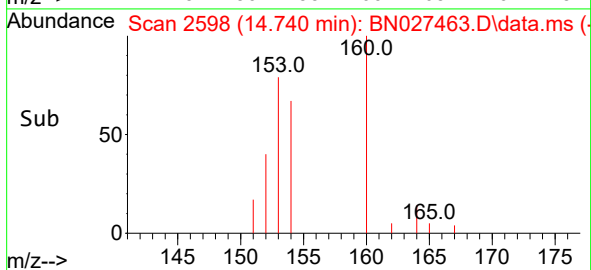
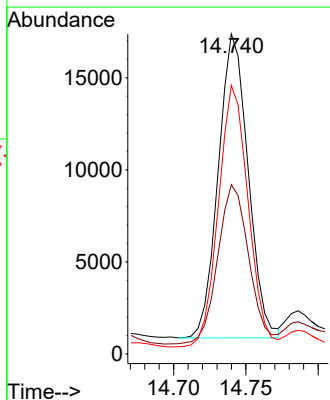
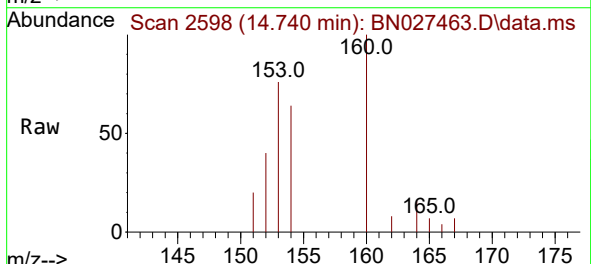
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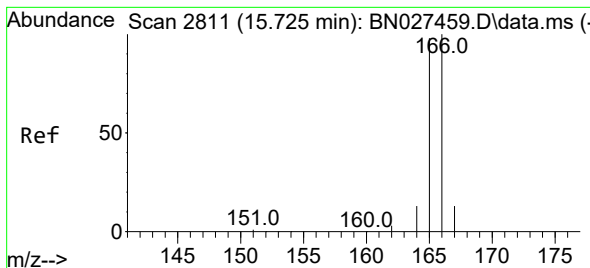
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#11
Acenaphthene
Concen: 0.244 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

Tgt Ion:153 Resp: 23693
Ion Ratio Lower Upper
153 100
152 52.9 42.9 64.3
154 84.0 69.4 104.0





#12

Fluorene

Concen: 0.060 ng/ul

RT: 15.725 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BN027463.D

Acq: 08 Sep 2023 05:13

Instrument :

BNA_N

ClientSampleId :

BBJK4

Tgt Ion:166 Resp: 6530

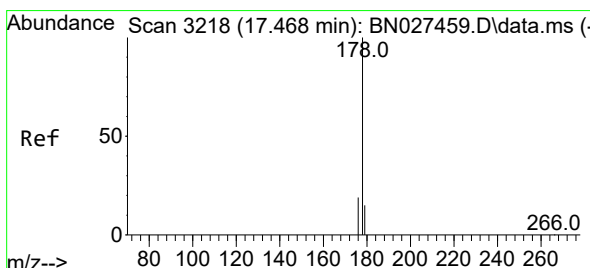
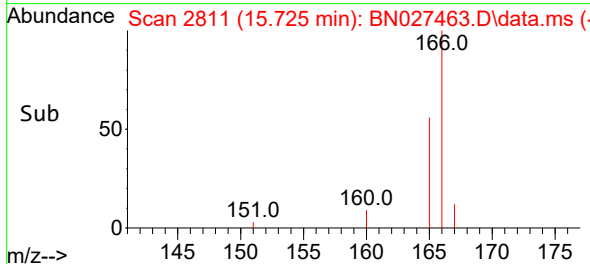
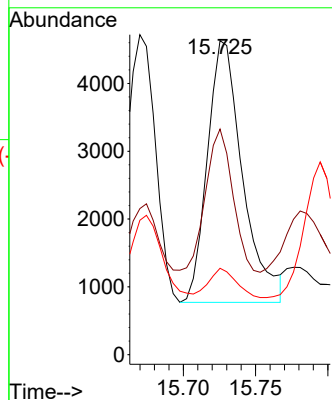
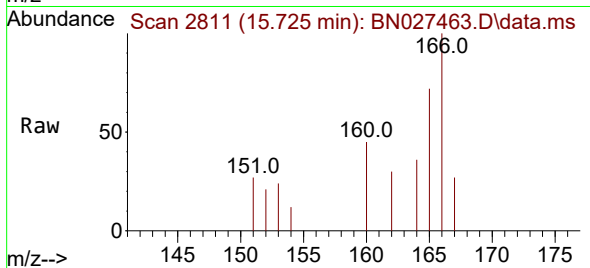
Ion	Ratio	Lower	Upper
166	100		
165	71.8	79.6	119.4
167	27.5	11.4	17.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/08/2023

Supervised By :mohammad ahmed 09/09/2023



#15

Phenanthrene

Concen: 0.039 ng/ul

RT: 17.468 min Scan# 3218

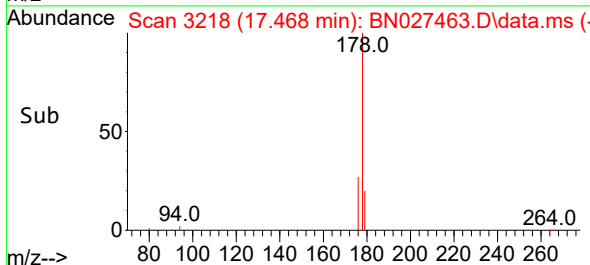
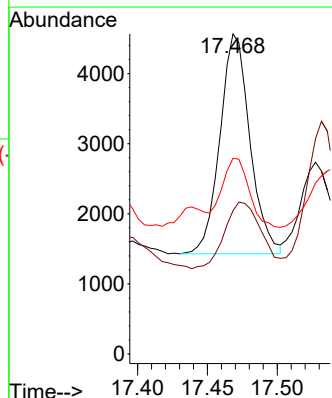
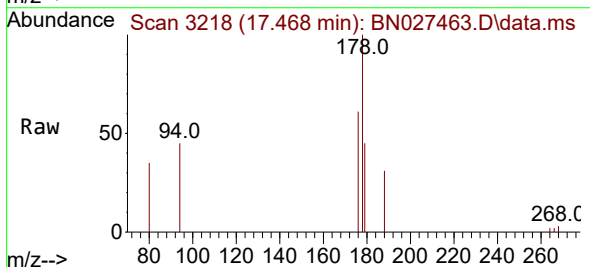
Delta R.T. 0.000 min

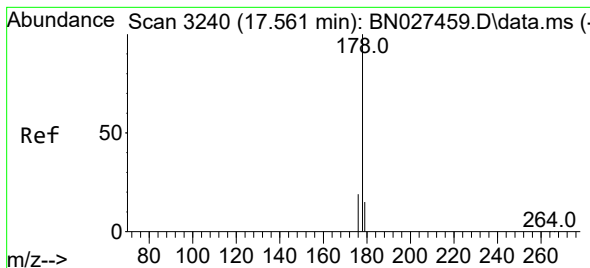
Lab File: BN027463.D

Acq: 08 Sep 2023 05:13

Tgt Ion:178 Resp: 4675

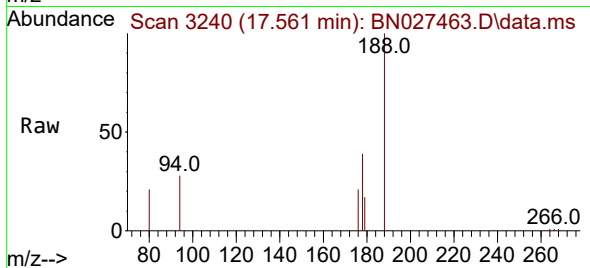
Ion	Ratio	Lower	Upper
178	100		
179	44.8	12.6	19.0
176	61.2	15.8	23.8





#16
 Anthracene
 Concen: 0.032 ng/ul
 RT: 17.561 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027463.D
 Acq: 08 Sep 2023 05:13

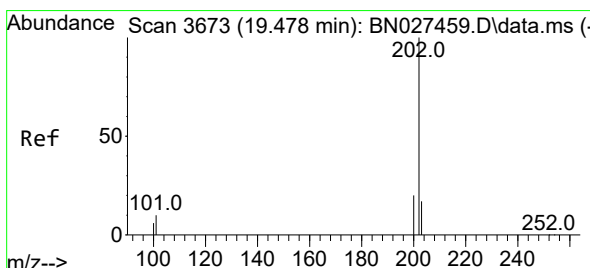
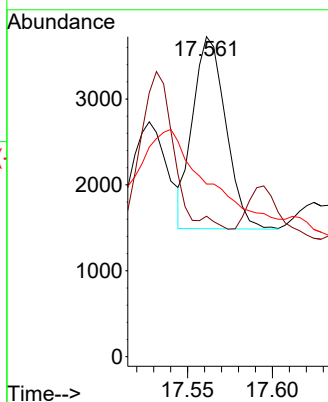
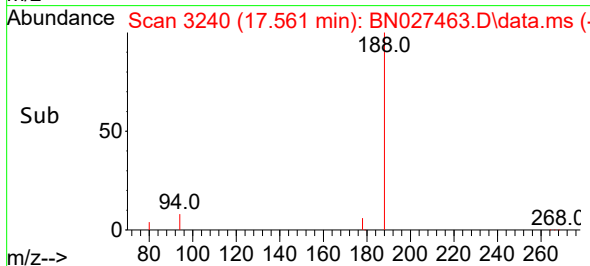
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 302
 Ion Ratio Lower Upper
 178 100
 179 43.9 13.0 19.6
 176 53.9 15.6 23.4

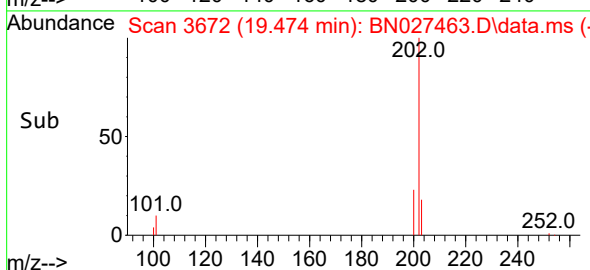
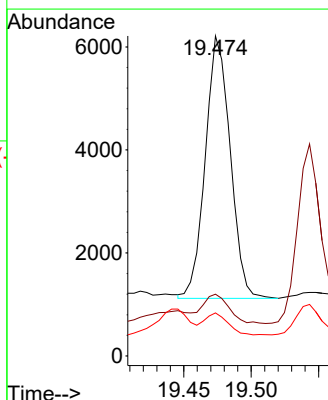
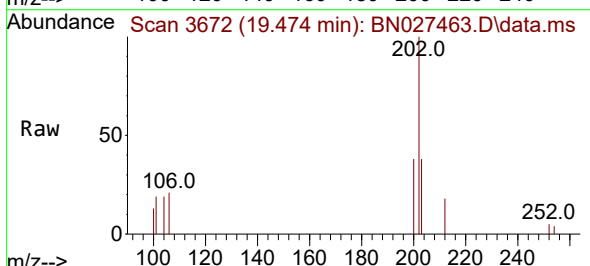
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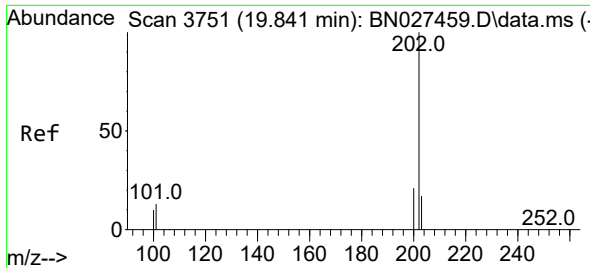
Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023



#19
 Fluoranthene
 Concen: 0.065 ng/ul
 RT: 19.474 min Scan# 3672
 Delta R.T. -0.005 min
 Lab File: BN027463.D
 Acq: 08 Sep 2023 05:13

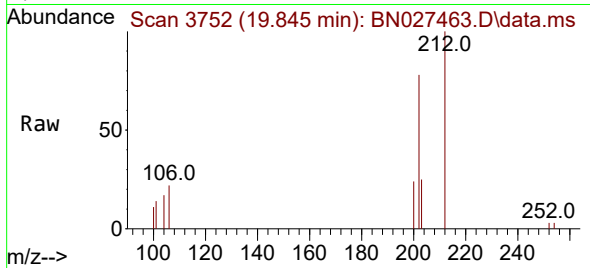
Tgt Ion:202 Resp: 6549
 Ion Ratio Lower Upper
 202 100
 101 19.3 9.4 14.0#
 100 13.5 6.9 10.3#





#20
Pyrene
Concen: 0.084 ng/ul
RT: 19.845 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

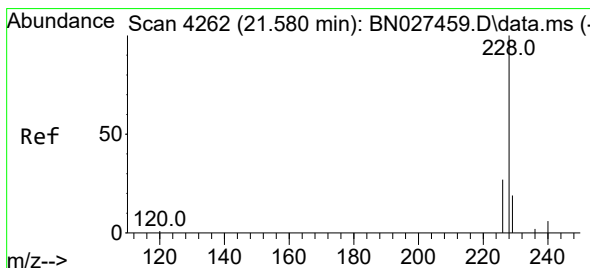
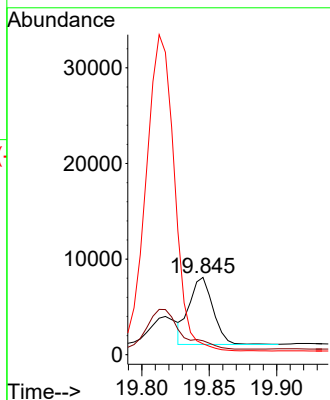
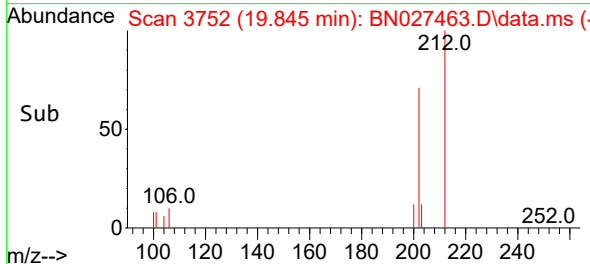
Instrument :
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Tgt Ion:202 Resp: 8590
Ion Ratio Lower Upper
202 100
101 18.0 11.4 17.2
100 14.1 9.4 14.2

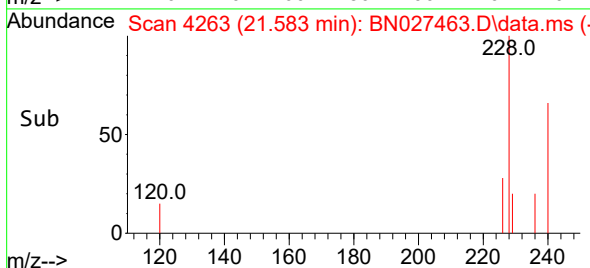
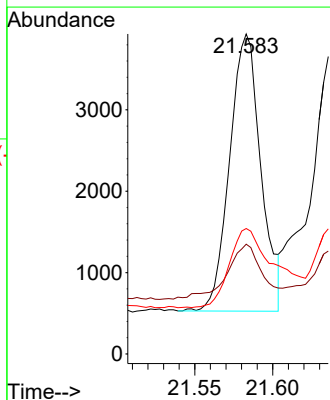
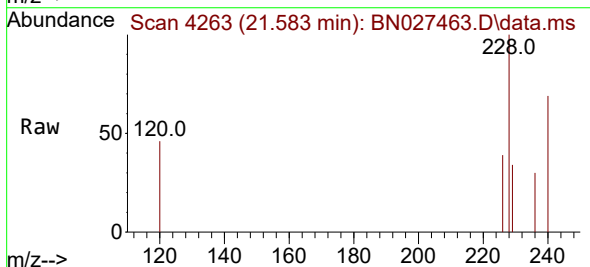
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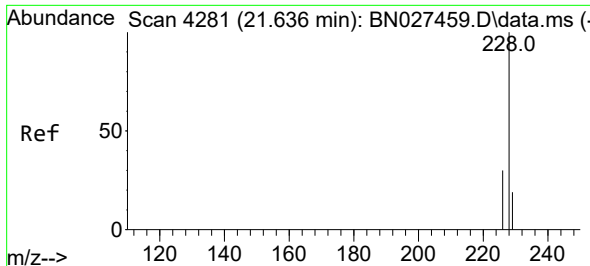
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.583 min Scan# 4263
Delta R.T. 0.003 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

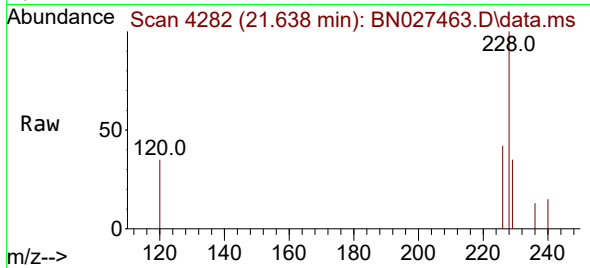
Tgt Ion:228 Resp: 4753
Ion Ratio Lower Upper
228 100
229 34.3 15.7 23.5#
226 39.2 22.0 33.0#





#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.638 min Scan# 4281
Delta R.T. 0.003 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

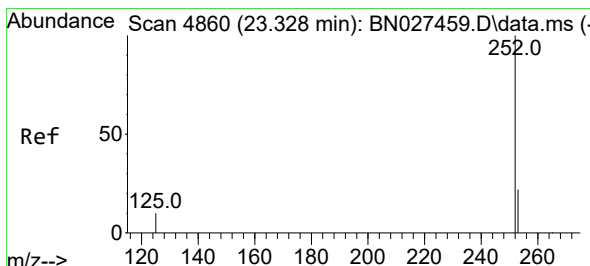
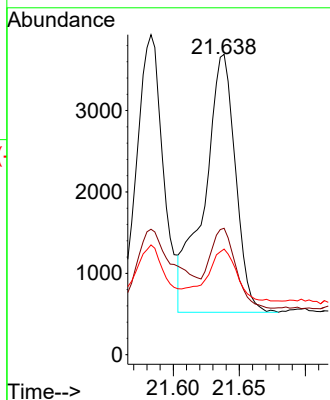
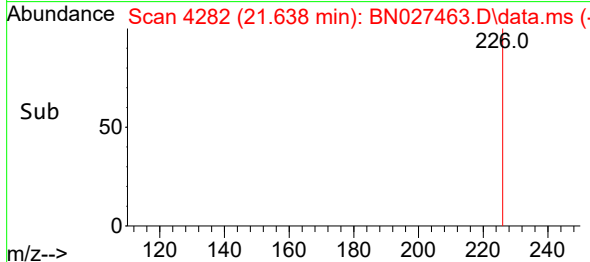
Instrument :
BNA_N
ClientSampleId :
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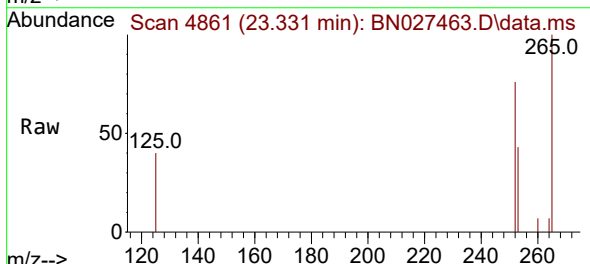
Tgt Ion:228 Resp: 5200
Ion Ratio Lower Upper
228 100
226 42.1 24.4 36.6#
229 35.1 15.6 23.4#

Manual Integrations
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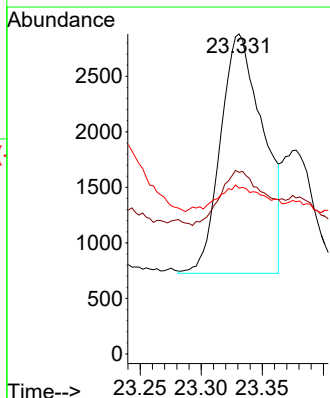
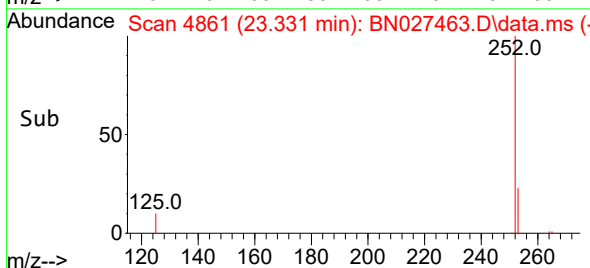
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

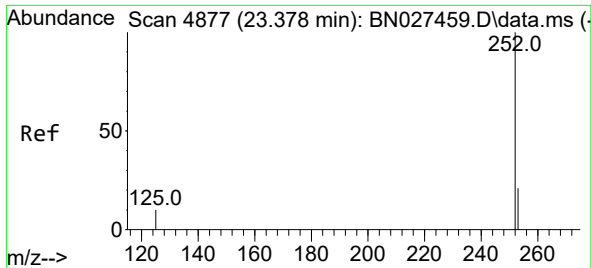


#24
Benzo(b)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.331 min Scan# 4861
Delta R.T. 0.003 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13



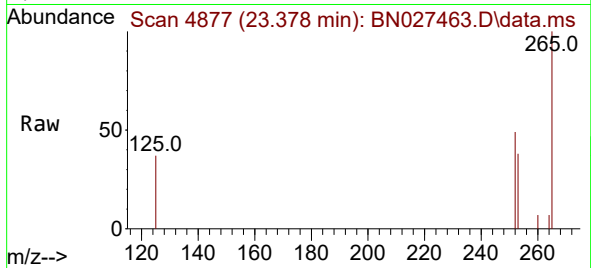
Tgt Ion:252 Resp: 5212
Ion Ratio Lower Upper
252 100
253 56.8 0.0 49.6#
125 51.9 0.0 33.8#





#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.378 min Scan# 4877
Delta R.T. 0.000 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

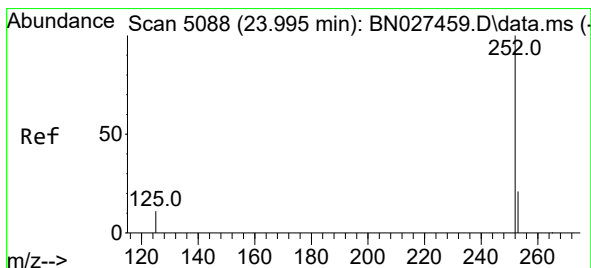
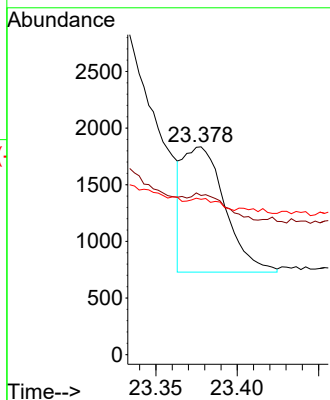
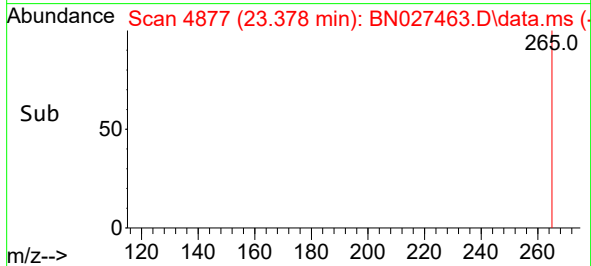
Instrument :
BNA_N
ClientSampleId :
BBJK4



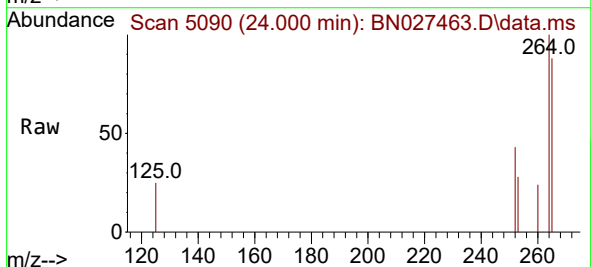
Tgt Ion:252 Resp: 199
Ion Ratio Lower Upper
252 100
253 76.6 19.9 29.9#
125 74.8 13.6 20.4#

Manual Integrations
APPROVED

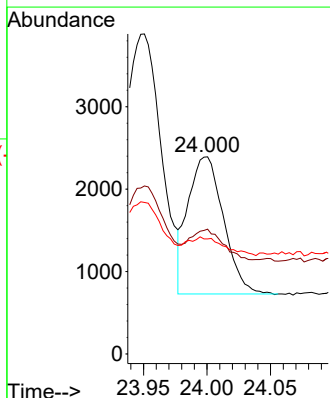
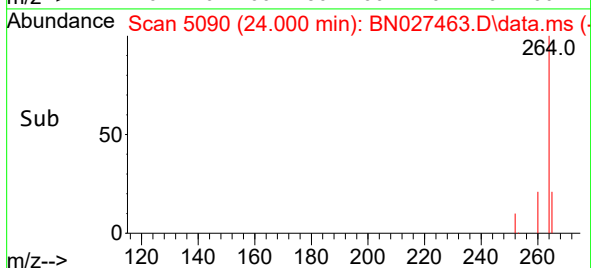
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

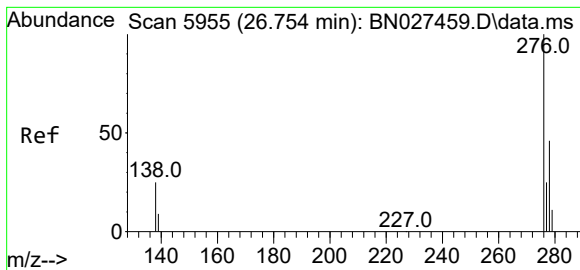


#26
Benzo(a)pyrene
Concen: 0.043 ng/ul
RT: 24.000 min Scan# 5090
Delta R.T. 0.006 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13



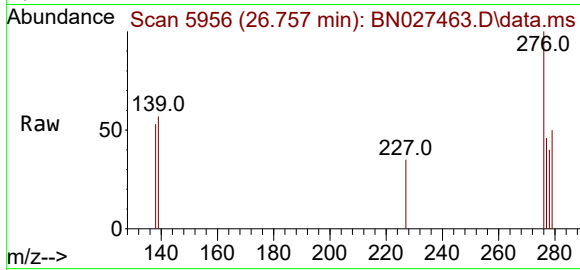
Tgt Ion:252 Resp: 3238
Ion Ratio Lower Upper
252 100
253 63.3 22.4 33.6#
125 58.4 17.4 26.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 26.757 min Scan# 5955
Delta R.T. 0.003 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13

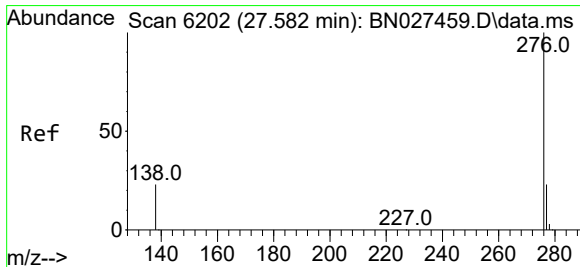
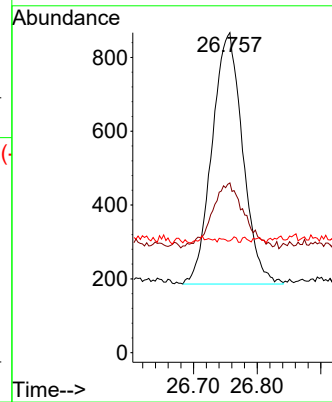
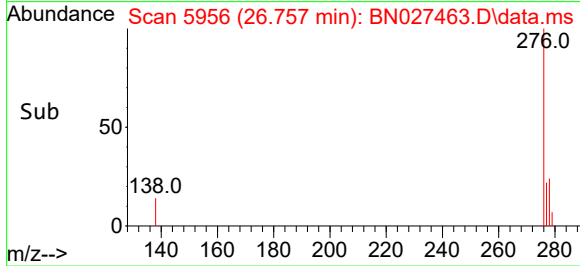
Instrument :
BNA_N
ClientSampleId :
BBJK4



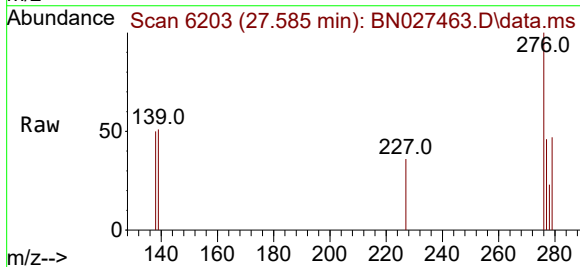
Tgt Ion: 276 Resp: 227
Ion Ratio Lower Upper
276 100
138 27.0 23.9 35.9
227 0.4 0.1 0.1

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/08/2023
Supervised By : mohammad ahmed 09/09/2023



#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 27.585 min Scan# 6203
Delta R.T. 0.003 min
Lab File: BN027463.D
Acq: 08 Sep 2023 05:13



Tgt Ion: 276 Resp: 2393
Ion Ratio Lower Upper
276 100
138 50.2 22.1 33.1#
277 46.3 20.2 30.4#

