

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028082.D
 Acq On : 06 Oct 2023 13:25
 Operator : MA/JU
 Sample : 04527-13DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYY6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:30:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	9533	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	29934	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	16590	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	32038	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	27529	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	30126	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	8432	0.704	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.335	152	2494	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	4063	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	75490	0.888	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	124779	2.326	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	90289	1.627	ng/ul	99
11) Acenaphthene	14.647	153	2454	0.041	ng/ul#	77
12) Fluorene	15.637	166	1706	0.026	ng/ul#	37
15) Phenanthrene	17.380	178	86174	0.902	ng/ul	99
16) Anthracene	17.472	178	2930	0.034	ng/ul#	61
19) Fluoranthene	19.394	202	75887	0.722	ng/ul	99
20) Pyrene	19.762	202	62294m	0.572	ng/ul	
21) Benzo(a)anthracene	21.510	228	31132	0.310	ng/ul#	92
22) Chrysene	21.565	228	34899	0.344	ng/ul#	91
24) Benzo(b)fluoranthene	23.231	252	41365m	0.370	ng/ul	
25) Benzo(k)fluoranthene	23.278	252	17194m	0.155	ng/ul	
26) Benzo(a)pyrene	23.883	252	24921	0.262	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.586	276	20249	0.176	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.592	278	5822	0.062	ng/ul#	1
29) Benzo(g,h,i)perylene	27.401	276	19576	0.208	ng/ul#	82

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

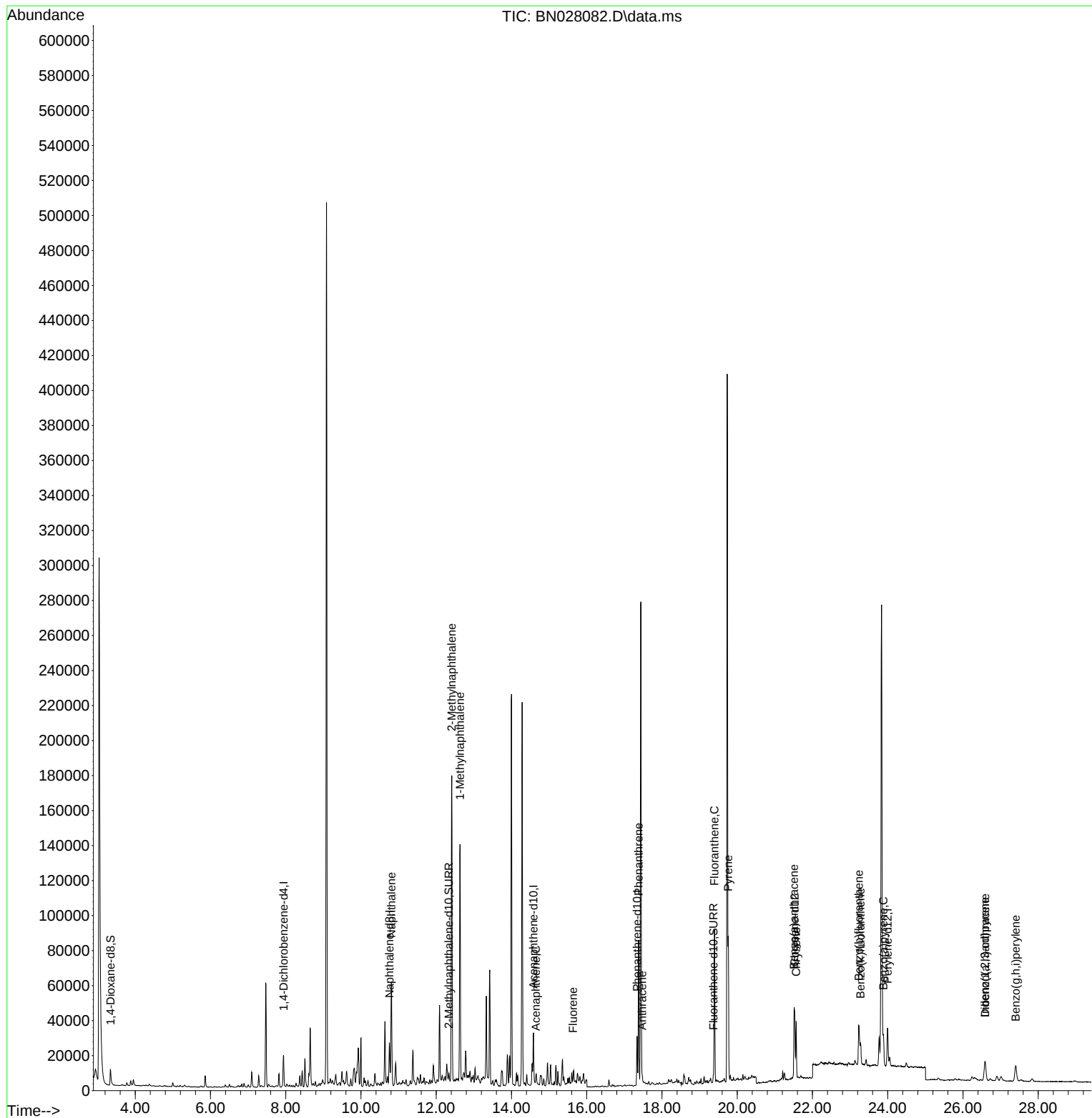
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028082.D
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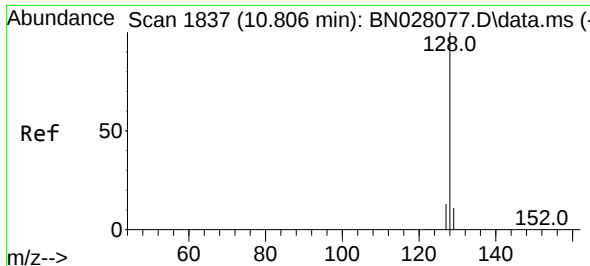
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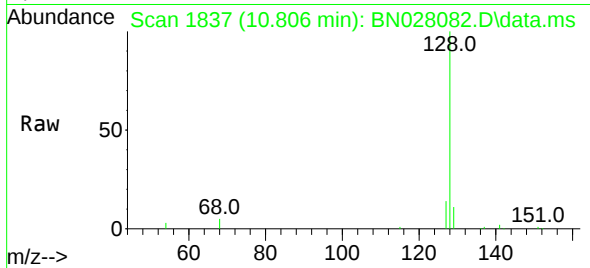
Quant Time: Oct 07 00:30:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.888 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

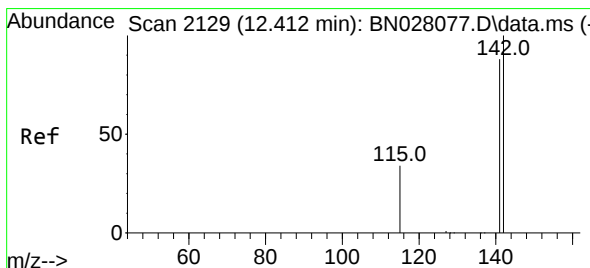
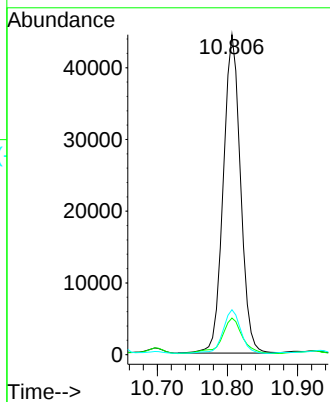
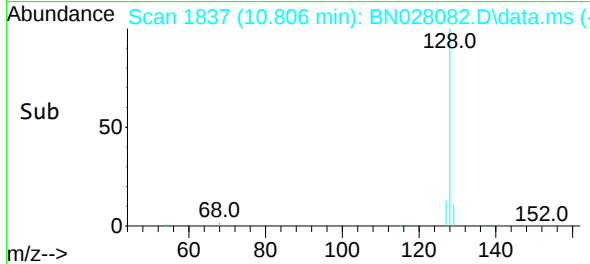
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:128 Resp: 75490
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 14.1 11.0 16.4

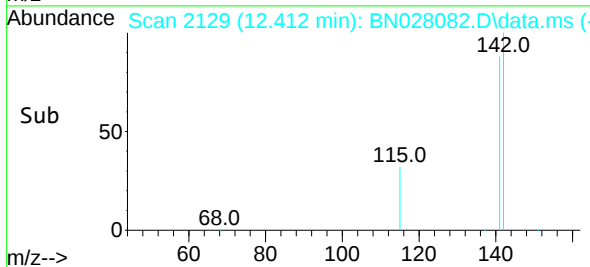
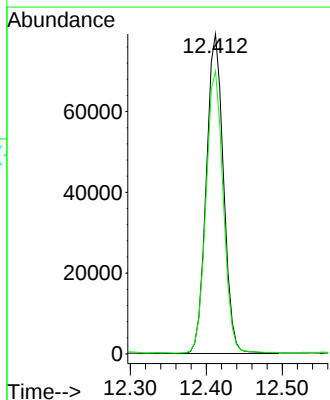
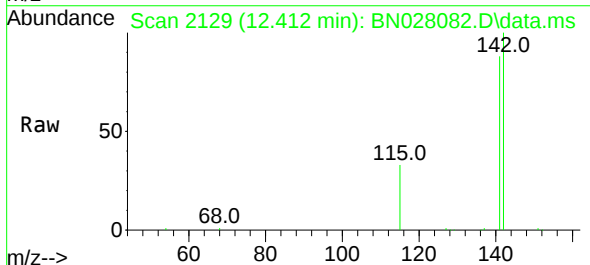
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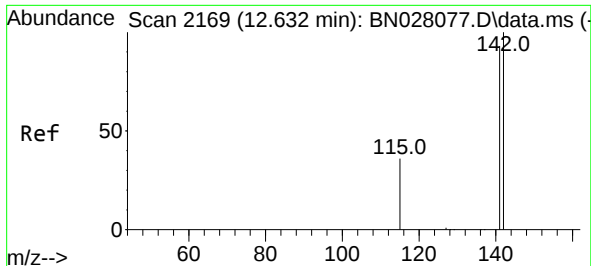
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#7
2-Methylnaphthalene
Concen: 2.326 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

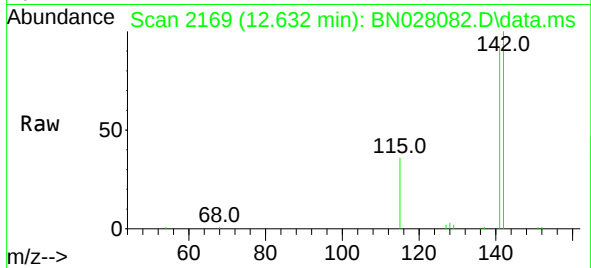
Tgt Ion:142 Resp: 124779
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3





#8
1-Methylnaphthalene
Concen: 1.627 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

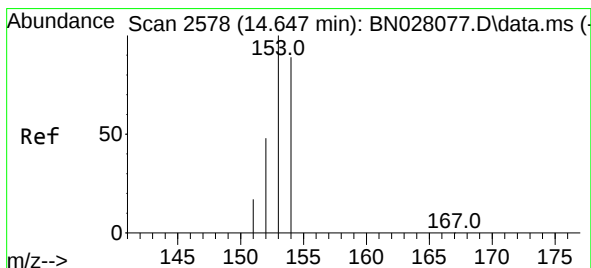
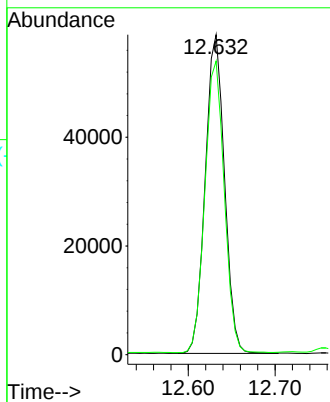
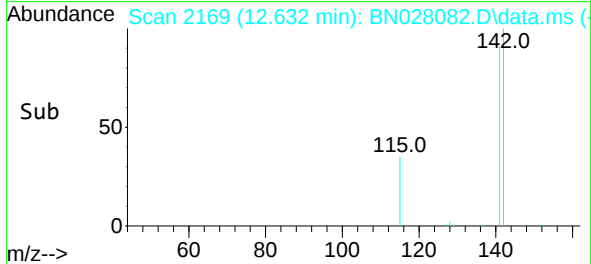
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:142 Resp: 90289
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6

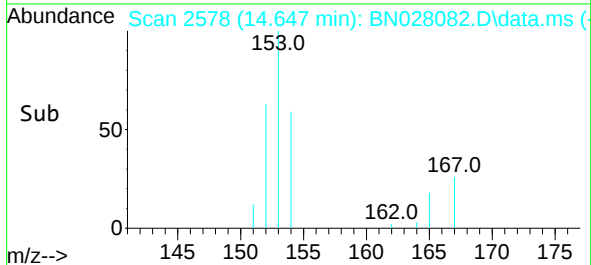
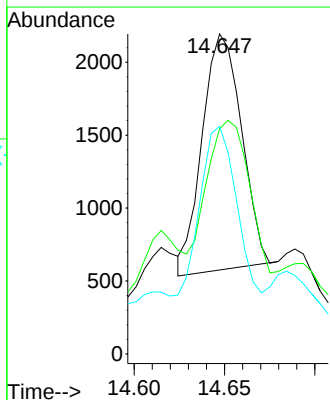
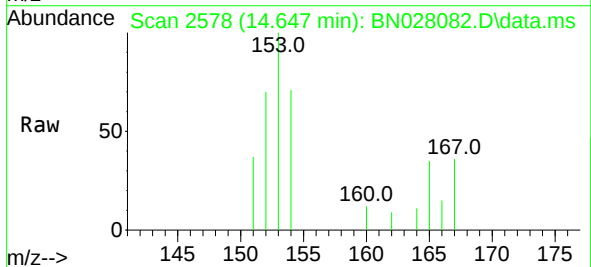
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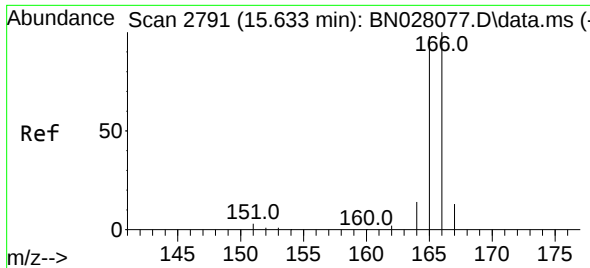
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

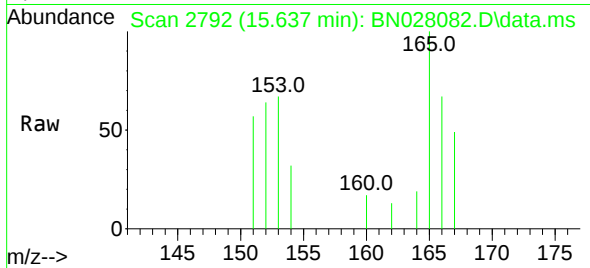
Tgt Ion:153 Resp: 2454
Ion Ratio Lower Upper
153 100
152 70.4 39.4 59.0#
154 71.1 70.2 105.4





#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.637 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

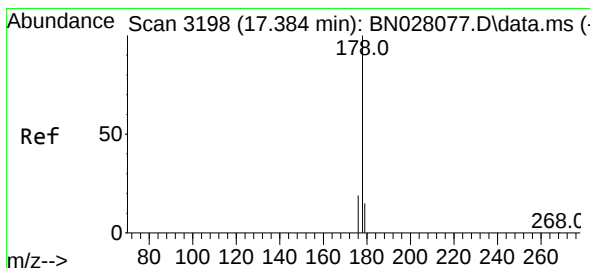
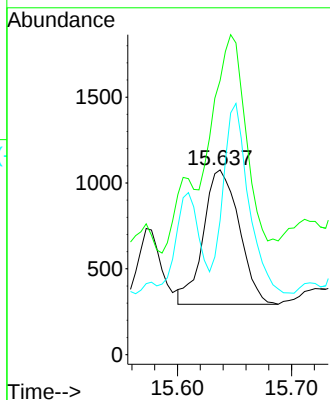
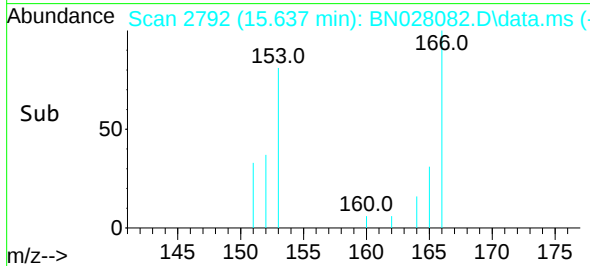
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:166 Resp: 1700
Ion Ratio Lower Upper
166 100
165 148.4 78.5 117.7
167 72.8 11.2 16.8

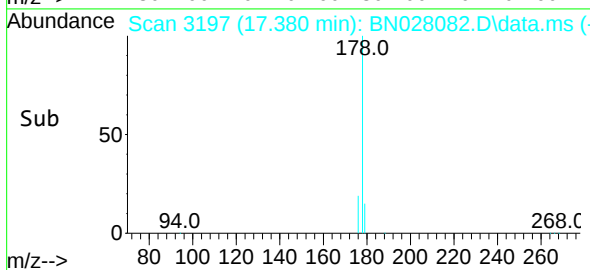
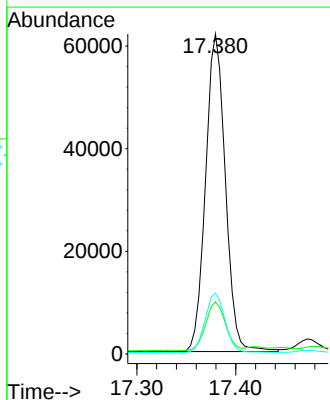
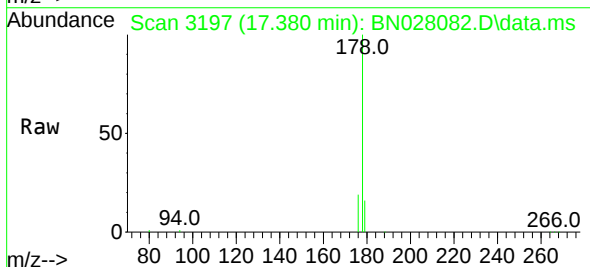
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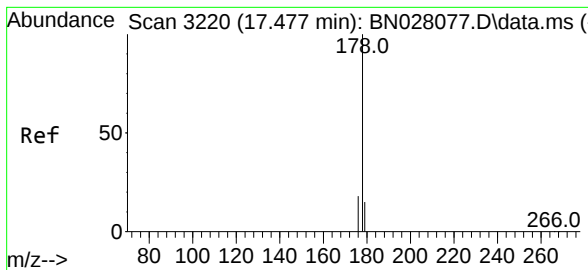
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#15
Phenanthrene
Concen: 0.902 ng/u1
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

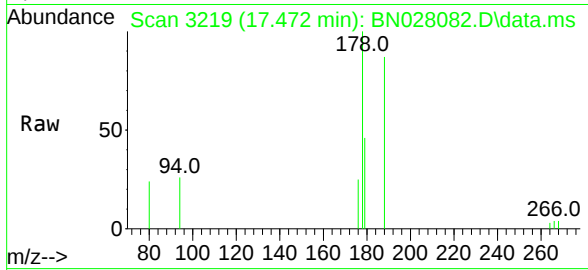
Tgt Ion:178 Resp: 86174
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.1 15.5 23.3





#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.472 min Scan# 3220
 Delta R.T. 0.004 min
 Lab File: BN028082.D
 Acq: 06 Oct 2023 13:25

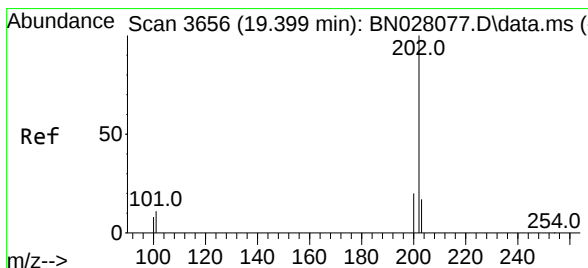
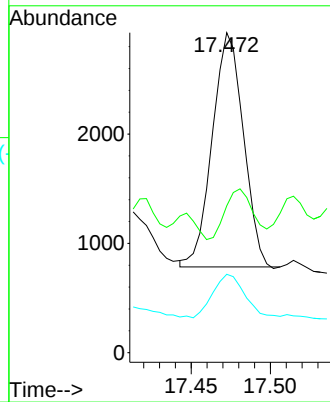
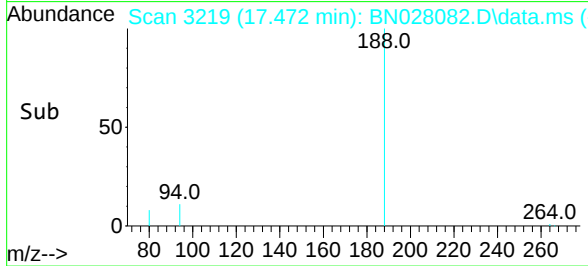
Instrument :
 BNA_N
 ClientSampleId :
 EZYY6DL



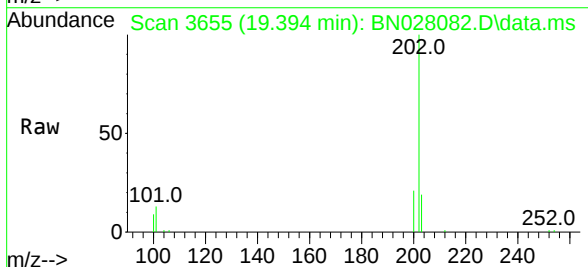
Tgt Ion:178 Resp: 2930
 Ion Ratio Lower Upper
 178 100
 179 45.9 12.8 19.2
 176 24.5 15.0 22.6

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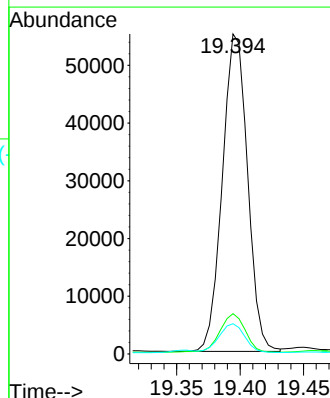
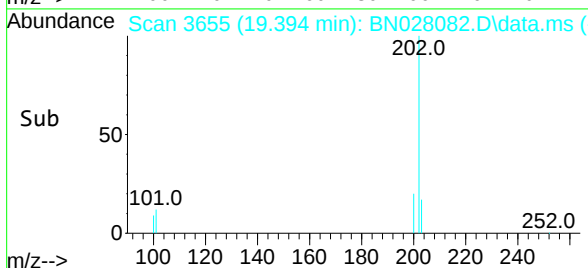
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

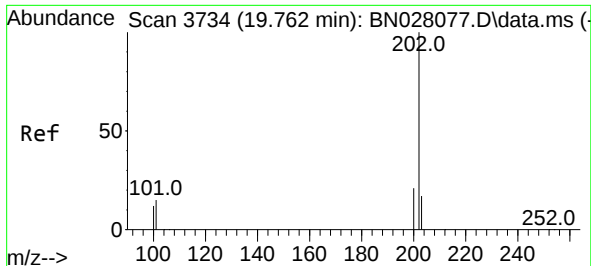


#19
 Fluoranthene
 Concen: 0.722 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.005 min
 Lab File: BN028082.D
 Acq: 06 Oct 2023 13:25



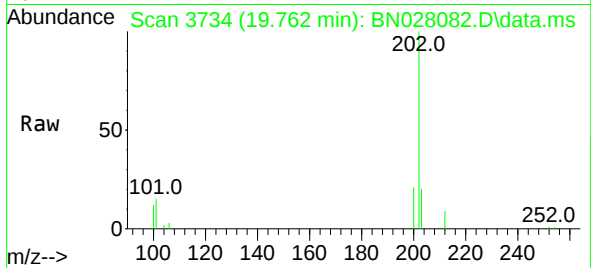
Tgt Ion:202 Resp: 75887
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.6 14.4
 100 9.4 7.4 11.0





#20
Pyrene
Concen: 0.572 ng/ul m
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

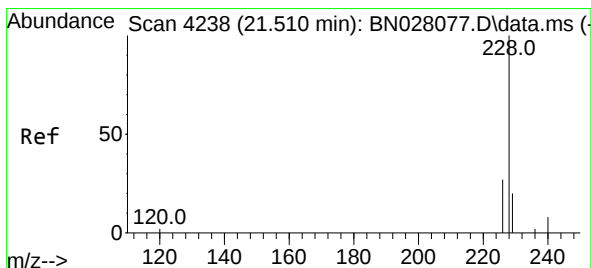
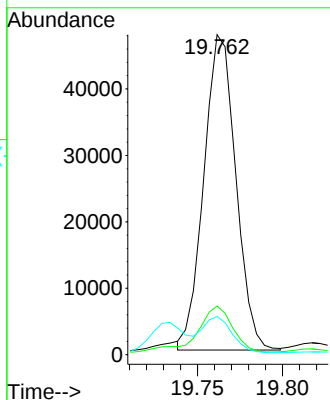
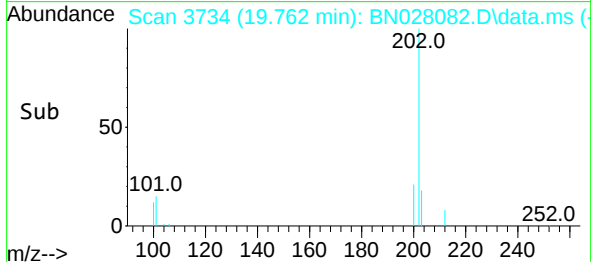
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:202 Resp: 62294
Ion Ratio Lower Upper
202 100
101 15.2 11.2 16.8
100 11.9 9.1 13.7

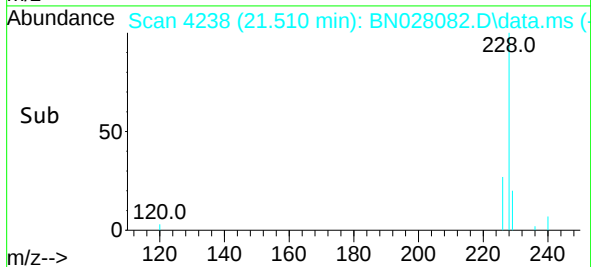
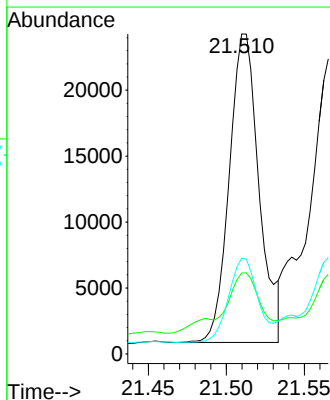
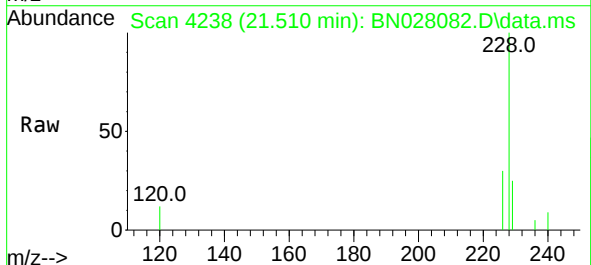
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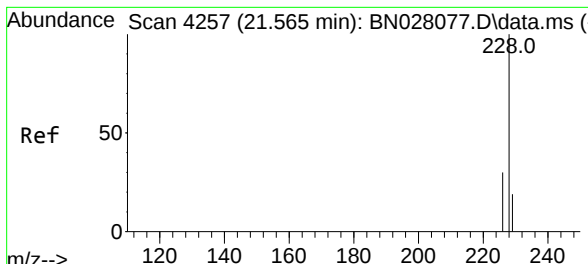
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.510 min Scan# 4238
Delta R.T. 0.009 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Tgt Ion:228 Resp: 31132
Ion Ratio Lower Upper
228 100
229 25.3 16.0 24.0#
226 30.0 21.5 32.3





#22

Chrysene

Concen: 0.344 ng/ul

RT: 21.565 min Scan# 4257

Delta R.T. 0.009 min

Lab File: BN028082.D

Acq: 06 Oct 2023 13:25

Instrument :

BNA_N

ClientSampleId :

EZYY6DL

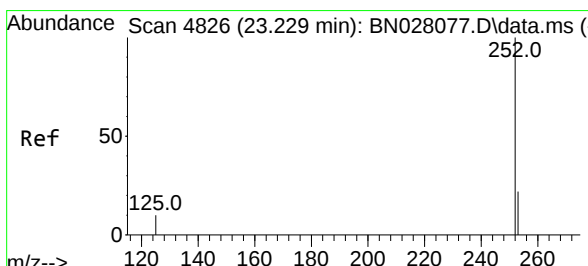
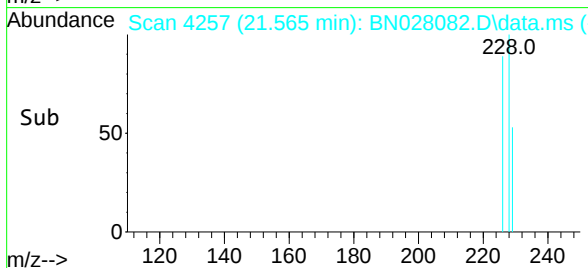
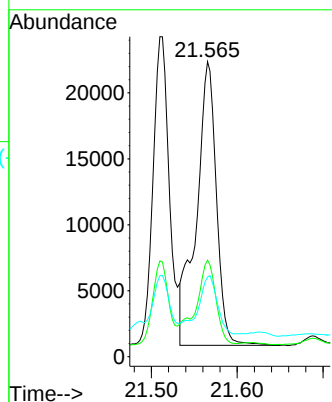
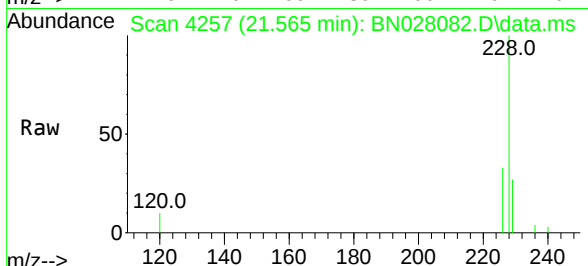
Tgt Ion:228	Resp:	3489
Ion Ratio	Lower	Upper
228	100	
226	32.7	23.8 35.8
229	27.0	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 10/08/2023



#24

Benzo(b)fluoranthene

Concen: 0.370 ng/ul m

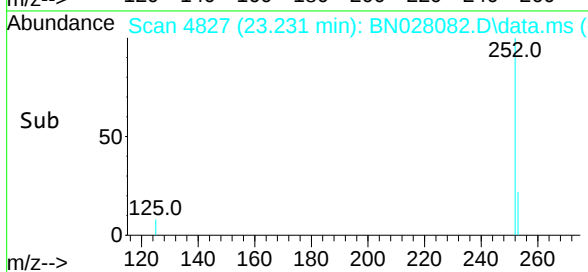
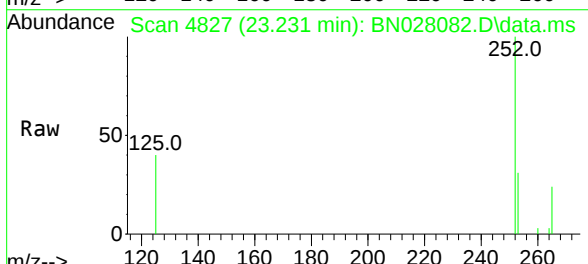
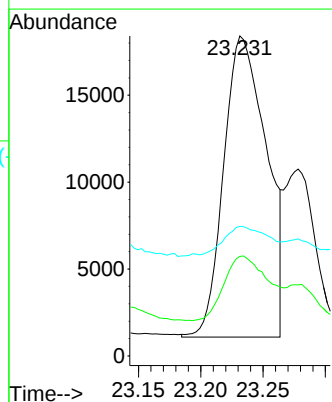
RT: 23.231 min Scan# 4827

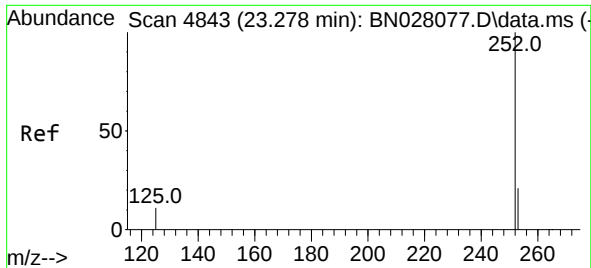
Delta R.T. 0.015 min

Lab File: BN028082.D

Acq: 06 Oct 2023 13:25

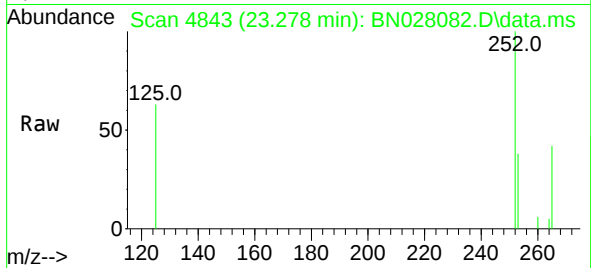
Tgt Ion:252	Resp:	41365
Ion Ratio	Lower	Upper
252	100	
253	31.1	0.0 54.0
125	40.5	0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.155 ng/ul m
RT: 23.278 min Scan# 4843
Delta R.T. 0.012 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

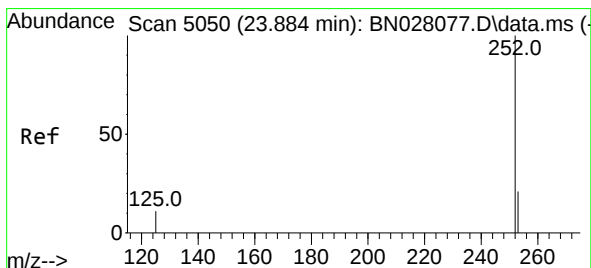
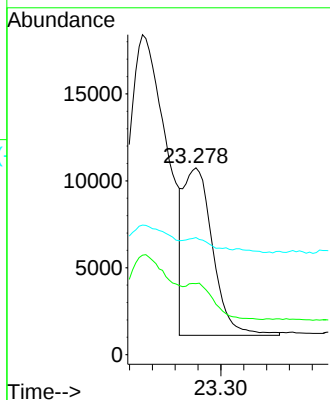
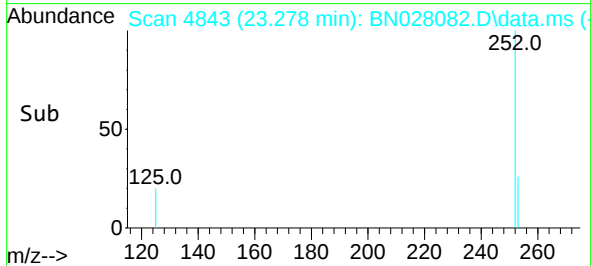
Instrument :
BNA_N
ClientSampleId :
EZY6DL



Tgt Ion:252 Resp: 17194
Ion Ratio Lower Upper
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253 38.0 21.8 32.8
125 62.6 12.8 19.2

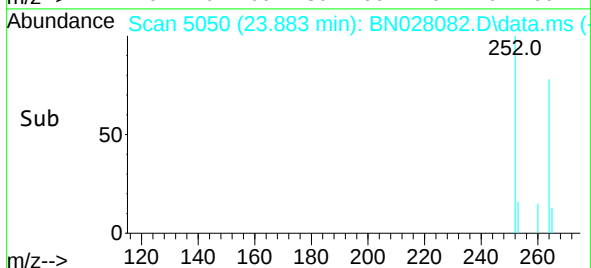
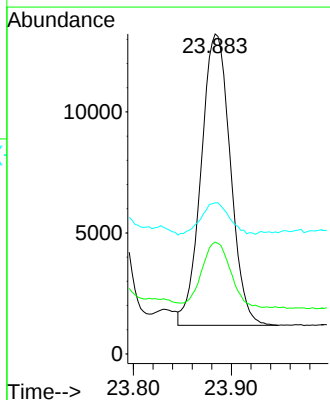
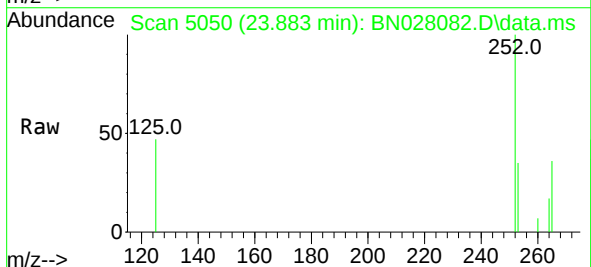
Manual Integrations
APPROVED

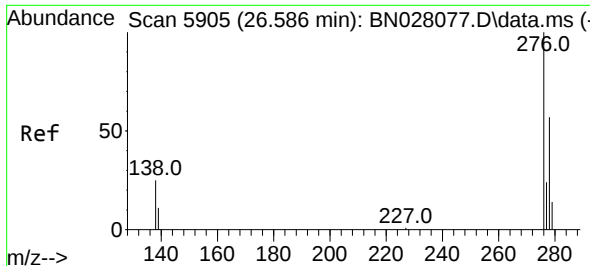
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.883 min Scan# 5050
Delta R.T. 0.015 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

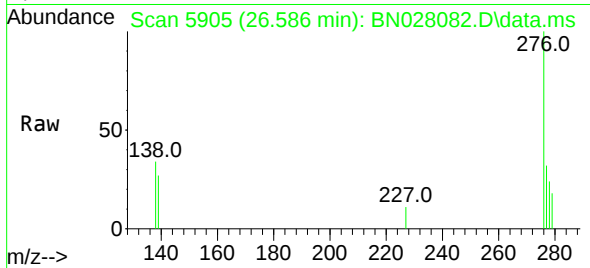
Tgt Ion:252 Resp: 24921
Ion Ratio Lower Upper
252 100
253 34.9 23.4 35.2
125 47.3 15.3 22.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng/ul
RT: 26.586 min Scan# 5905
Delta R.T. 0.020 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

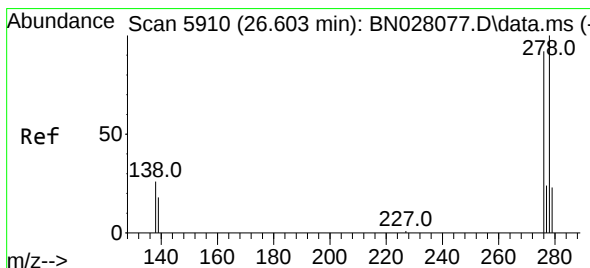
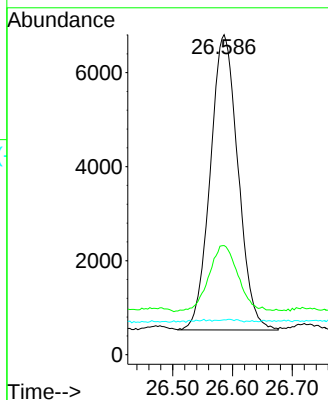
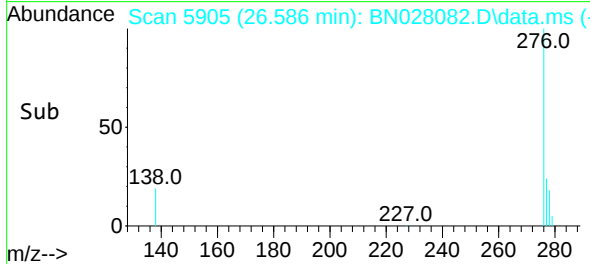
Instrument :
BNA_N
ClientSampleId :
EZY6DL



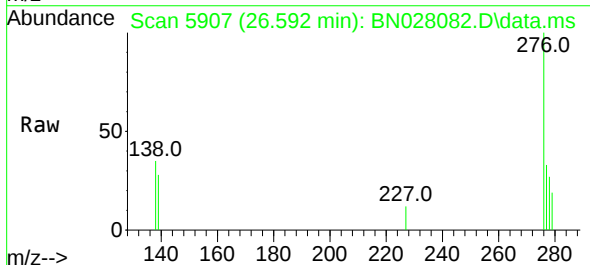
Tgt Ion:276 Resp: 20249
Ion Ratio Lower Upper
276 100
138 23.8 21.6 32.4
227 0.5 0.2 0.2

Manual Integrations
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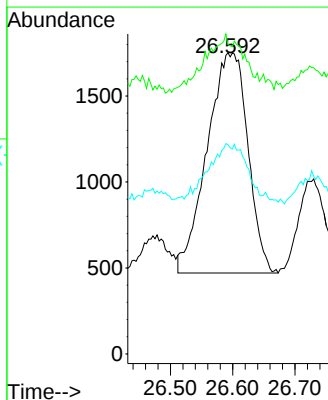
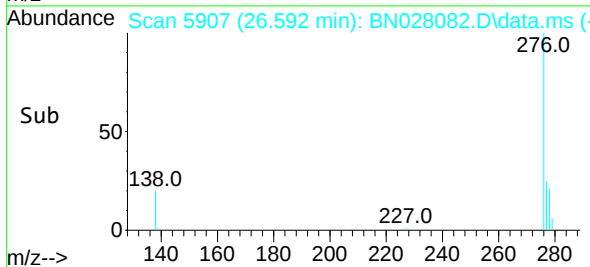
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

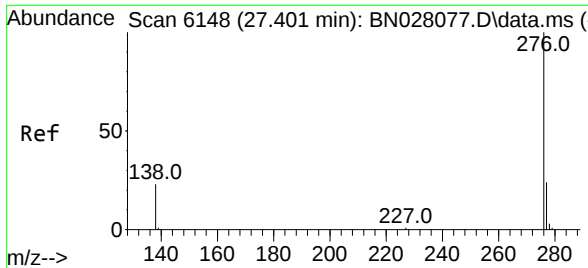


#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.010 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25



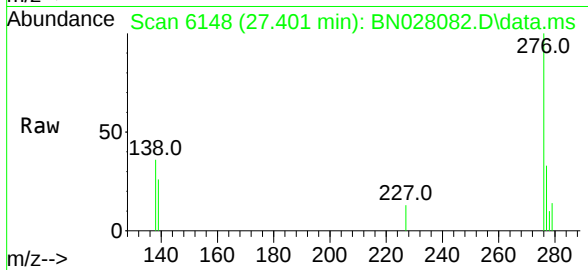
Tgt Ion:278 Resp: 5822
Ion Ratio Lower Upper
278 100
139 102.7 15.9 23.9#
279 69.5 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.208 ng/ul
 RT: 27.401 min Scan# 6148
 Delta R.T. 0.023 min
 Lab File: BN028082.D
 Acq: 06 Oct 2023 13:25

Instrument :
 BNA_N
 ClientSampleId :
 EZYY6DL



Tgt Ion: 276 Resp: 19570

Ion	Ratio	Lower	Upper
276	100		
138	36.1	19.8	29.6
277	32.5	20.6	31.0

Manual Integrations
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Reviewed By : Yogesh Patel 10/08/2023
 Supervised By : mohammad ahmed 10/08/2023

