

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028086.D
 Acq On : 06 Oct 2023 15:53
 Operator : MA/JU
 Sample : 04469-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM1DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 00:31:20 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	6074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	18585	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	9662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	19473	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	16743	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	19397	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4890	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	912	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1827	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	1935	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.418	142	1227	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	812	0.024	ng/ul	96
10) Acenaphthylene	14.314	152	9996	0.228	ng/ul	98
11) Acenaphthene	14.647	153	1945	0.056	ng/ul	98
12) Fluorene	15.633	166	1727	0.044	ng/ul#	87
15) Phenanthrene	17.380	178	27873	0.480	ng/ul	99
16) Anthracene	17.472	178	24600	0.474	ng/ul	98
19) Fluoranthene	19.399	202	171206	2.678	ng/ul	98
20) Pyrene	19.766	202	237380	3.582	ng/ul	99
21) Benzo(a)anthracene	21.513	228	107438	1.757	ng/ul	96
22) Chrysene	21.568	228	130427	2.113	ng/ul	95
24) Benzo(b)fluoranthene	23.234	252	165537m	2.302	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	55459m	0.775	ng/ul	
26) Benzo(a)pyrene	23.889	252	89239	1.455	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.592	276	73709	0.993	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.606	278	20999	0.348	ng/ul#	40
29) Benzo(g,h,i)perylene	27.407	276	77293	1.274	ng/ul	93

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

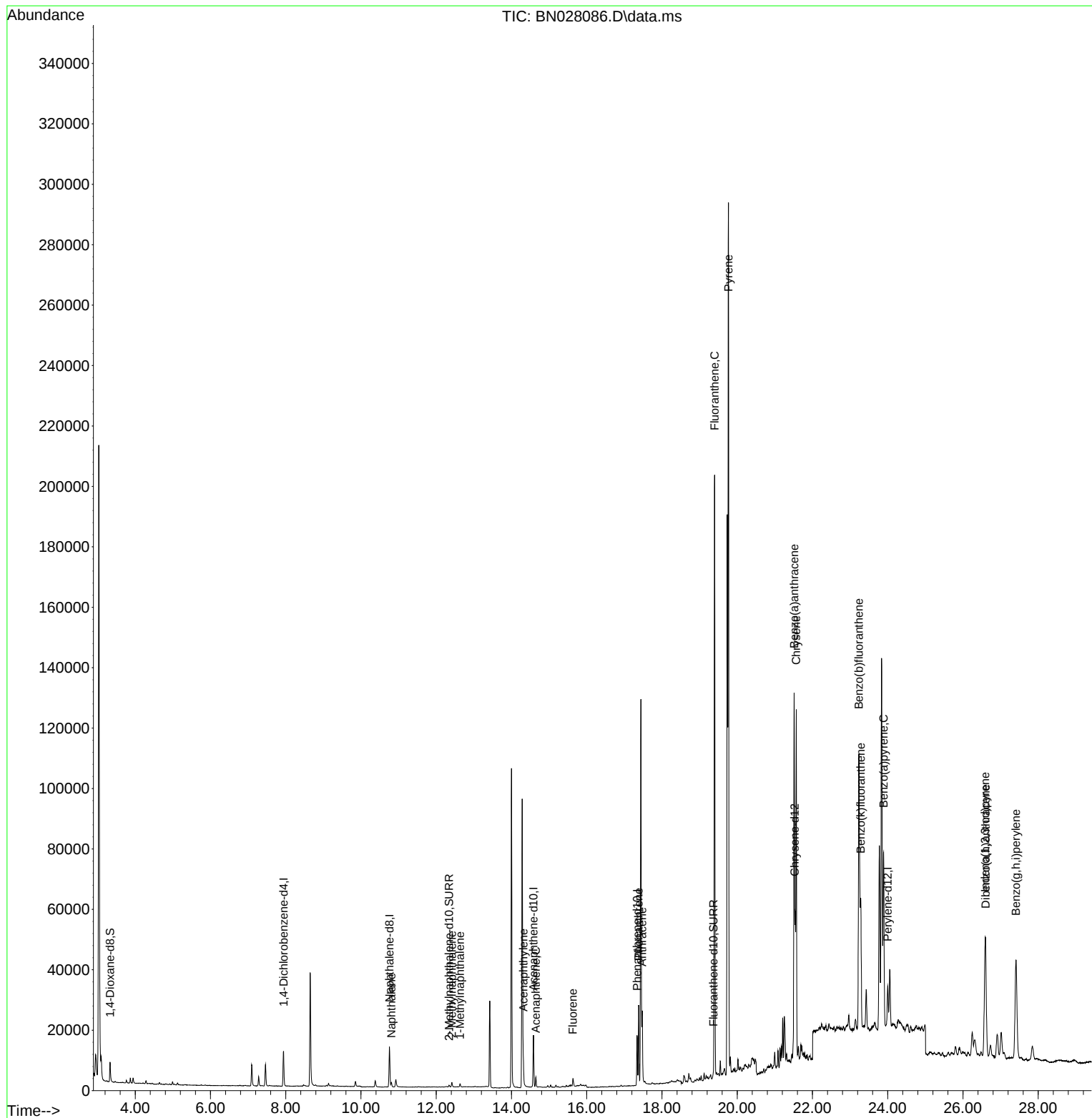
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028086.D
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Sample : 04469-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

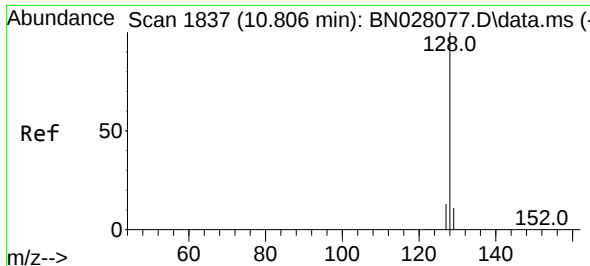
Instrument :
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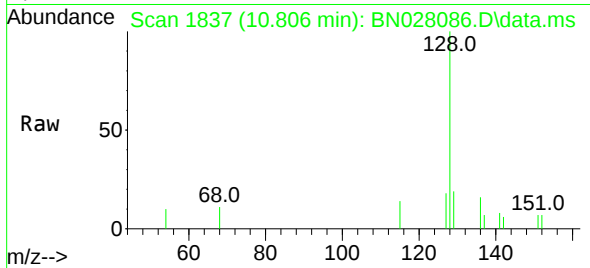
Quant Time: Oct 07 00:31:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

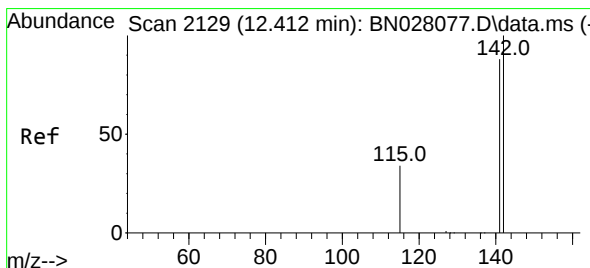
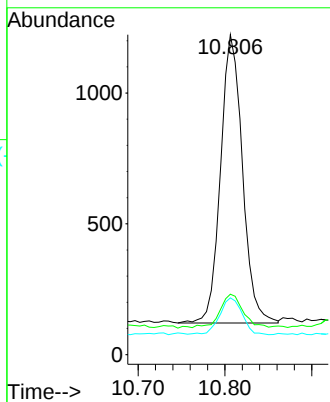
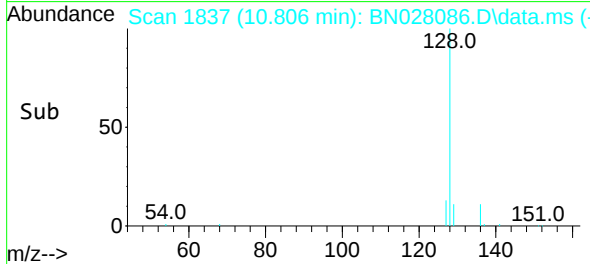
Instrument :
BNA_N
ClientSampleId :
EZYMDL



Tgt Ion:128 Resp: 193
Ion Ratio Lower Upper
128 100
129 18.9 9.4 14.0
127 17.7 11.0 16.4

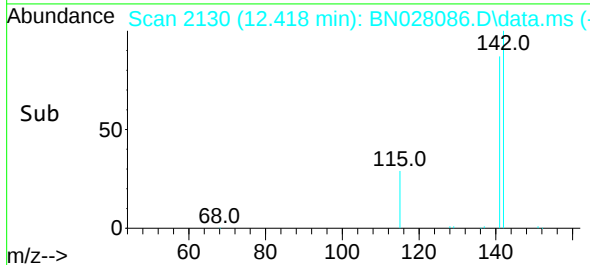
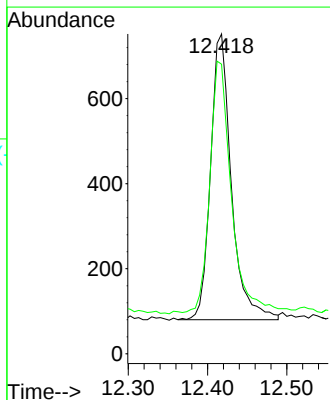
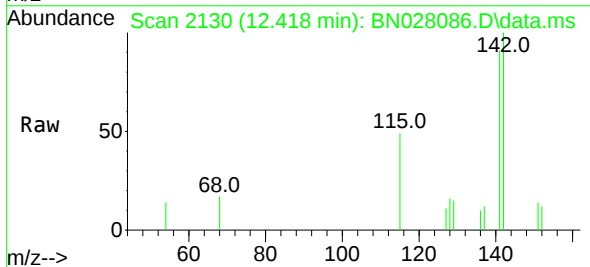
Manual Integrations
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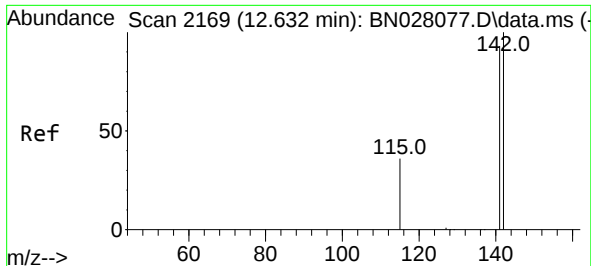
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

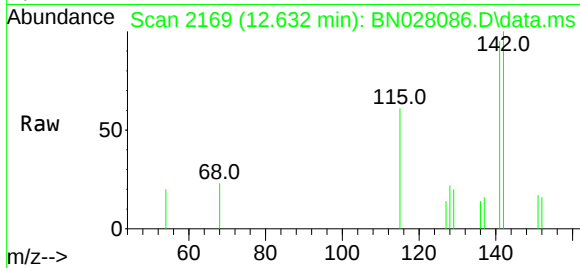
Tgt Ion:142 Resp: 1227
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

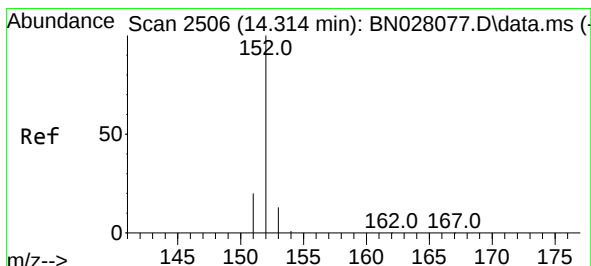
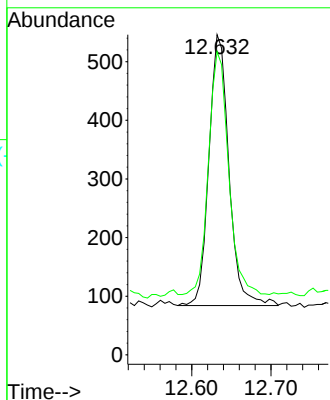
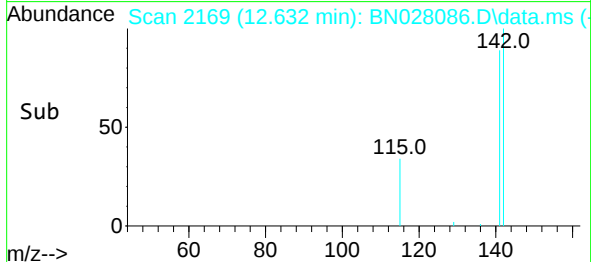
Instrument :
BNA_N
ClientSampleId :
EZYMDL



Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
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141 89.2 74.4 111.6

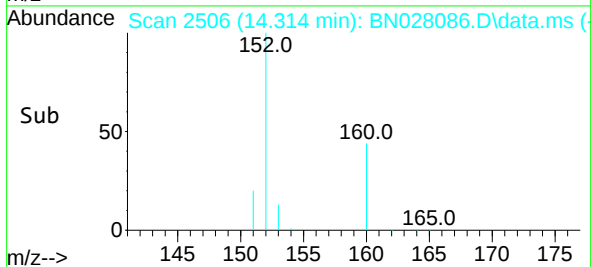
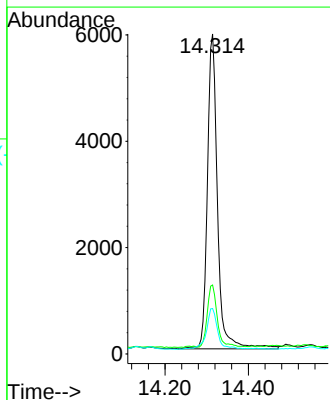
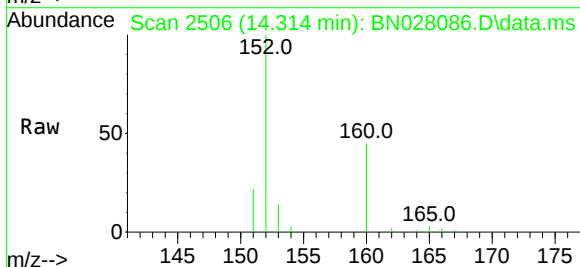
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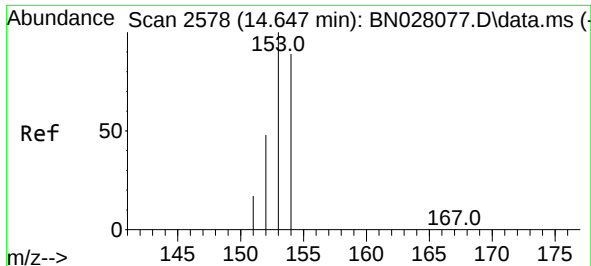
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#10
Acenaphthylene
Concen: 0.228 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

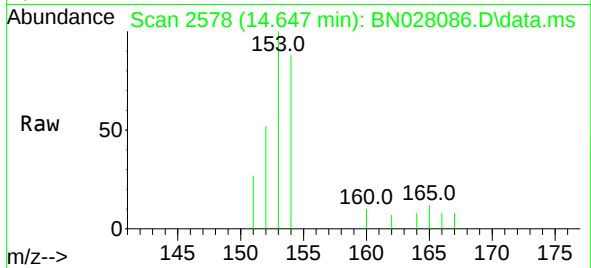
Tgt Ion:152 Resp: 9996
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.056 ng/u1
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

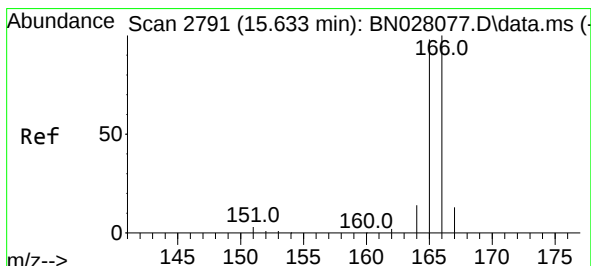
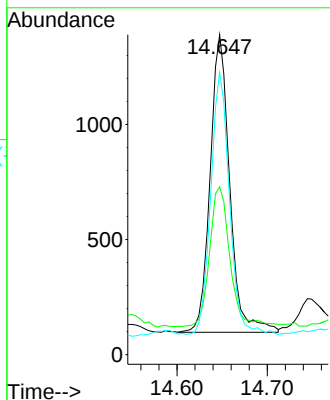
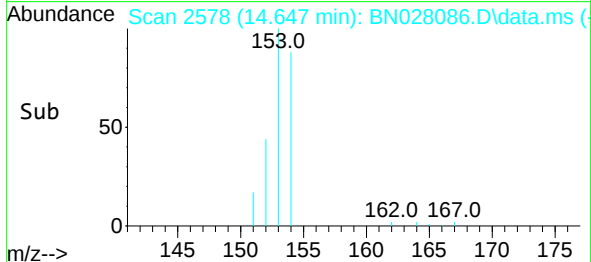
Instrument :
BNA_N
ClientSampleId :
EZYM1DL



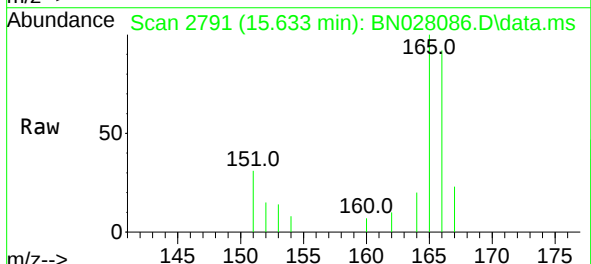
Tgt Ion:153 Resp: 1945
Ion Ratio Lower Upper
153 100
152 52.4 39.4 59.0
154 88.2 70.2 105.4

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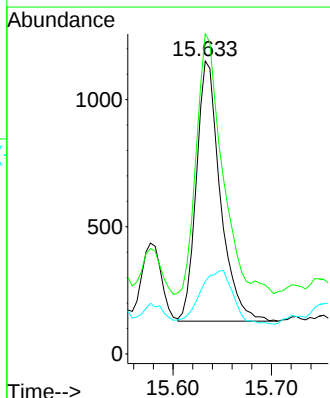
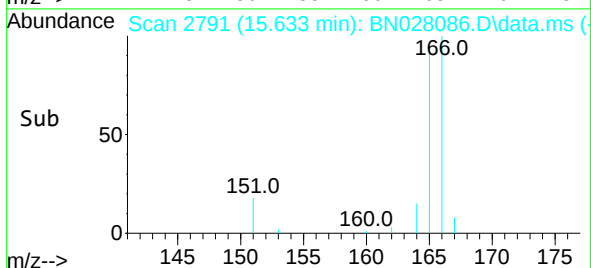
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

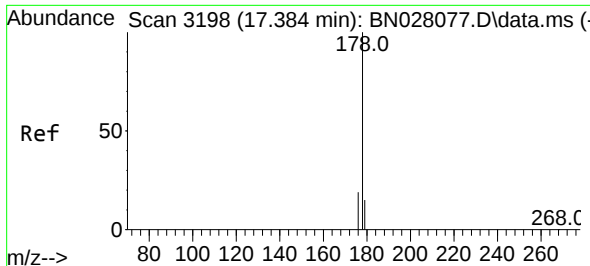


#12
Fluorene
Concen: 0.044 ng/u1
RT: 15.633 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53



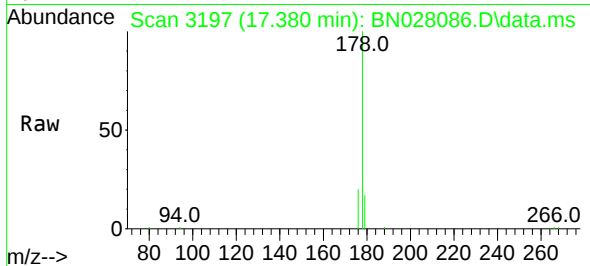
Tgt Ion:166 Resp: 1727
Ion Ratio Lower Upper
166 100
165 109.2 78.5 117.7
167 24.7 11.2 16.8#





#15
Phenanthrene
Concen: 0.480 ng/u1
RT: 17.380 min Scan# 3198
Delta R.T. 0.004 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

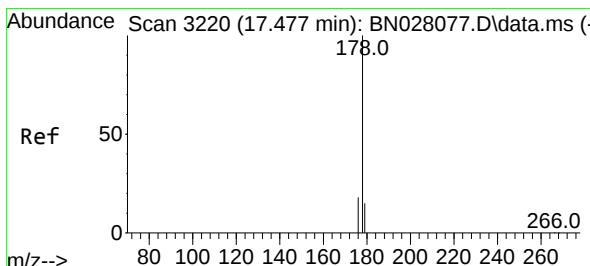
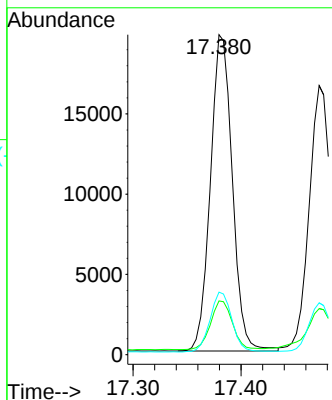
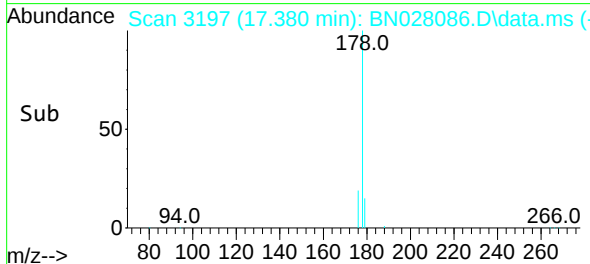
Instrument :
BNA_N
ClientSampleId :
EZYMDL



Tgt Ion:178 Resp: 2787
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 19.5 15.5 23.3

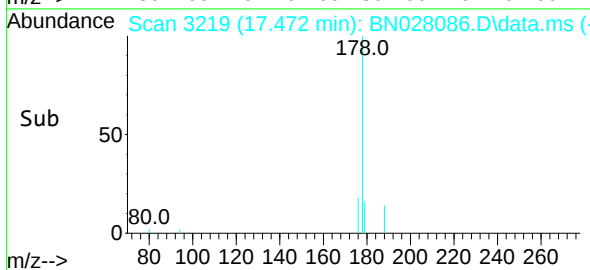
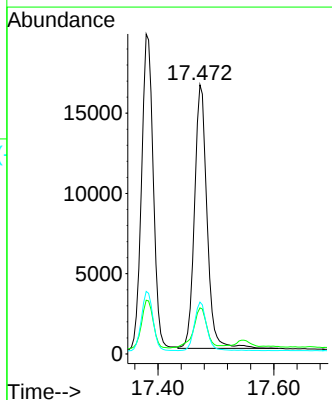
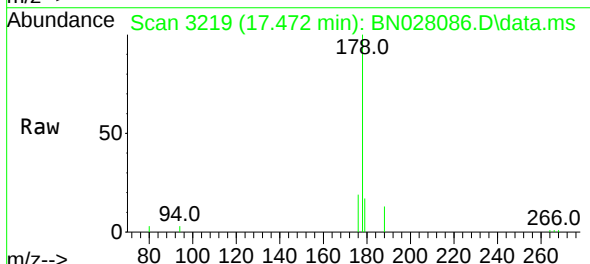
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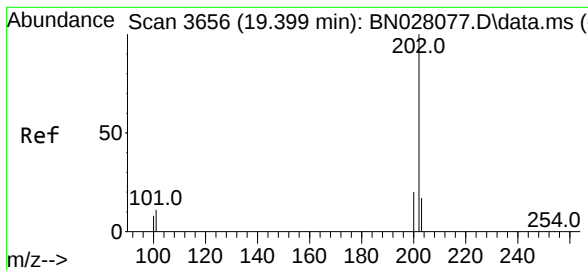
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#16
Anthracene
Concen: 0.474 ng/u1
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

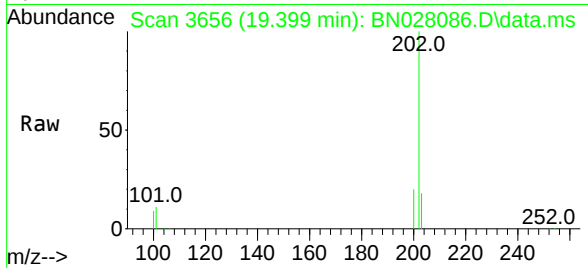
Tgt Ion:178 Resp: 24600
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 19.3 15.0 22.6





#19
Fluoranthene
Concen: 2.678 ng/u1
RT: 19.399 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

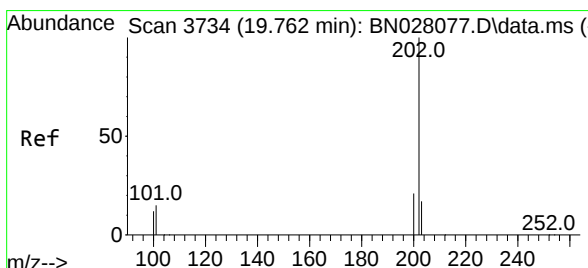
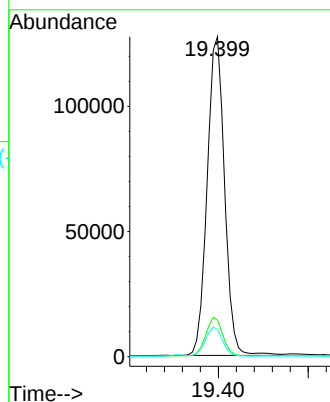
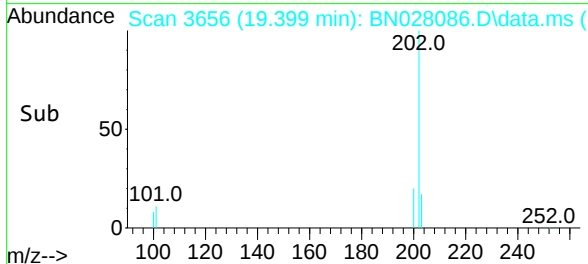
Instrument :
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EZYMDL



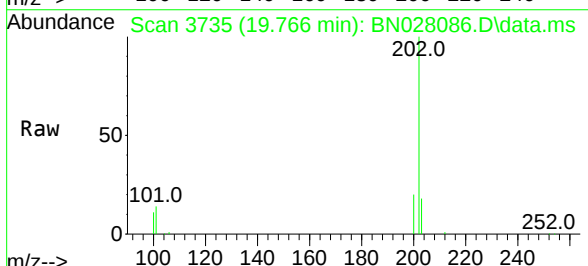
Tgt Ion:202 Resp: 171200
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.5 7.4 11.0

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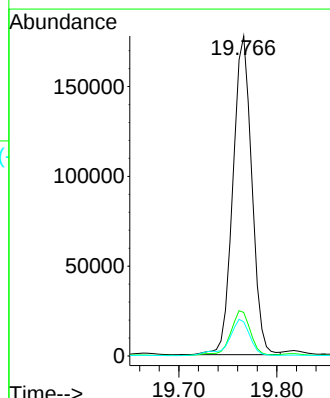
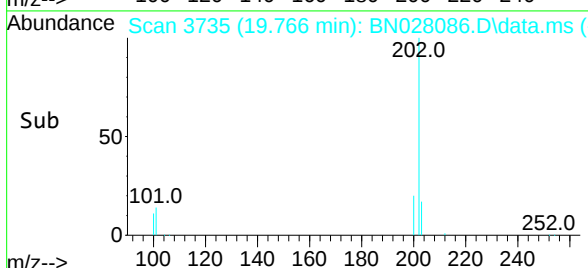
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

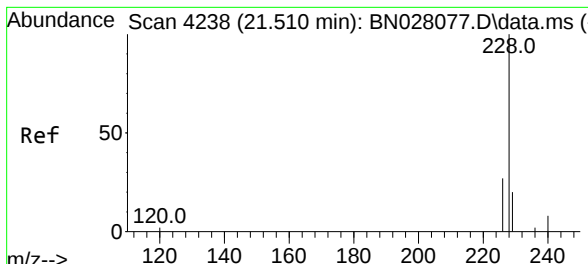


#20
Pyrene
Concen: 3.582 ng/u1
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53



Tgt Ion:202 Resp: 237380
Ion Ratio Lower Upper
202 100
101 13.6 11.2 16.8
100 10.7 9.1 13.7





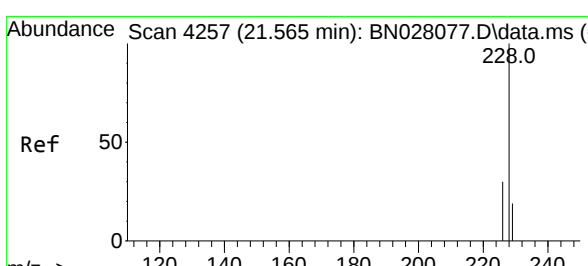
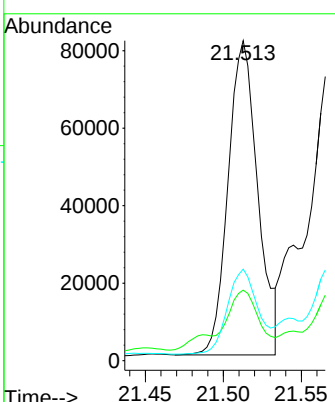
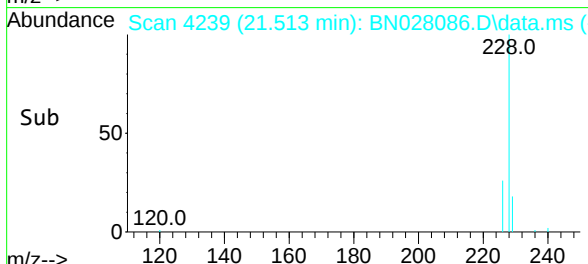
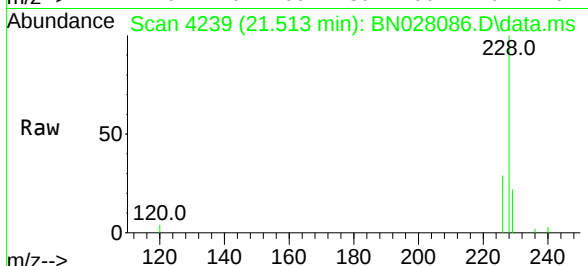
#21
Benzo(a)anthracene
Concen: 1.757 ng/u1
RT: 21.513 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Instrument :
BNA_N
ClientSampleId :
EZYMDL

Tgt Ion:228 Resp: 107438

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	28.6	21.5	32.3

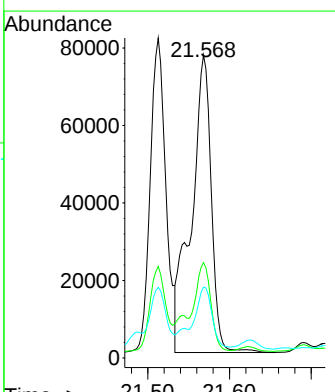
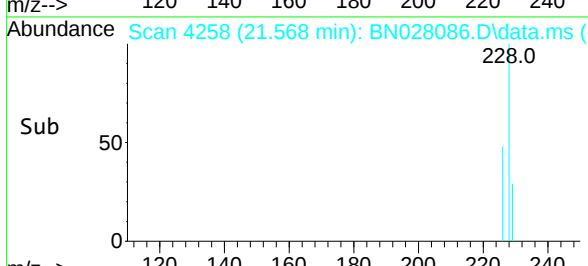
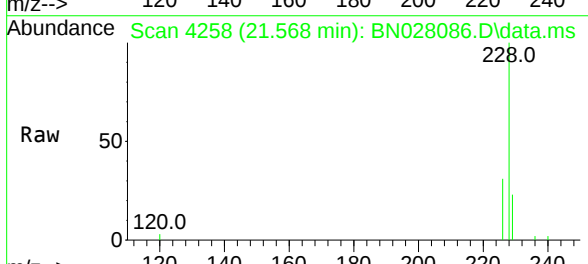
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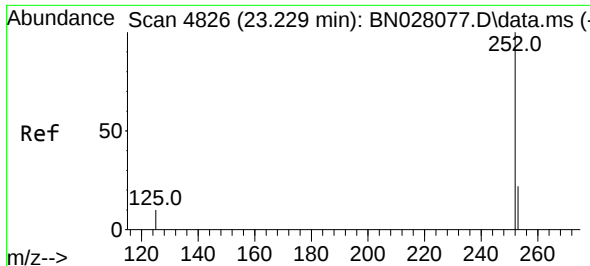


#22
Chrysene
Concen: 2.113 ng/u1
RT: 21.568 min Scan# 4258
Delta R.T. 0.012 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

Tgt Ion:228 Resp: 130427

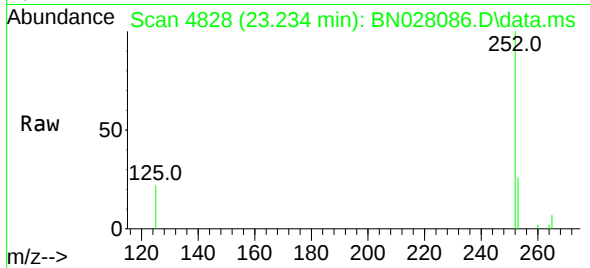
Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.8	35.8
229	23.4	16.0	24.0





#24
Benzo(b)fluoranthene
Concen: 2.302 ng/ul m
RT: 23.234 min Scan# 4828
Delta R.T. 0.017 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

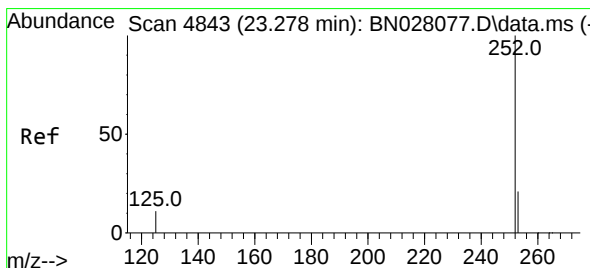
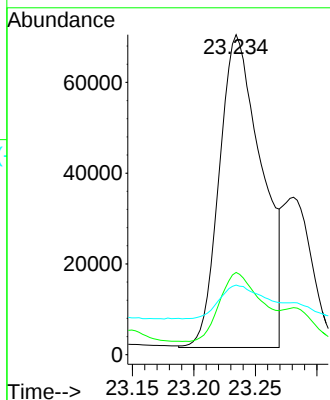
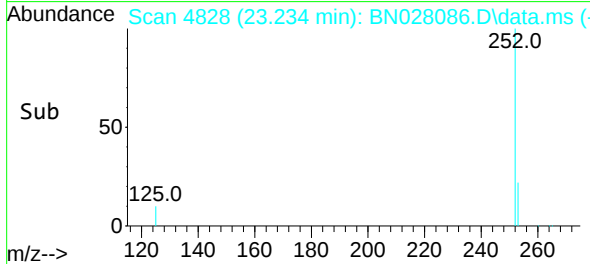
Instrument :
BNA_N
ClientSampleId :
EZYMDL



Tgt Ion:252 Resp: 16553
Ion Ratio Lower Upper
252 100
253 25.7 0.0 54.0
125 21.7 0.0 31.4

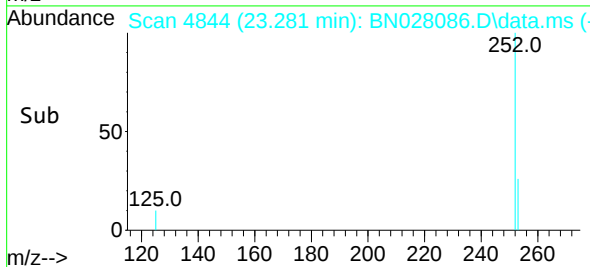
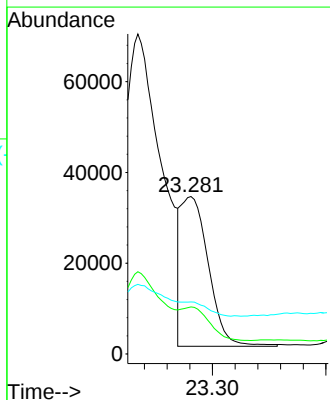
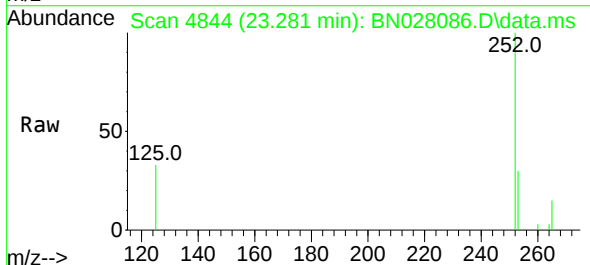
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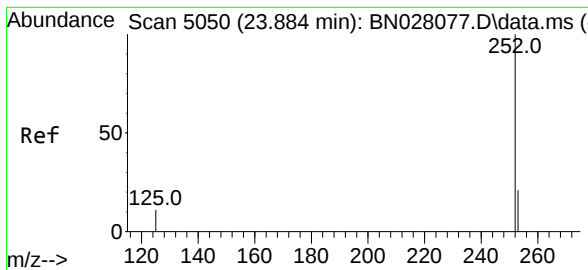
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#25
Benzo(k)fluoranthene
Concen: 0.775 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. 0.015 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

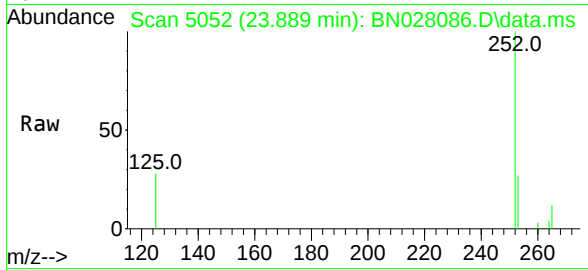
Tgt Ion:252 Resp: 55459
Ion Ratio Lower Upper
252 100
253 29.9 21.8 32.8
125 33.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.455 ng/ul
RT: 23.889 min Scan# 5050
Delta R.T. 0.020 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

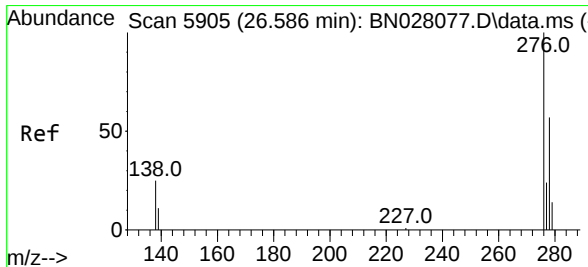
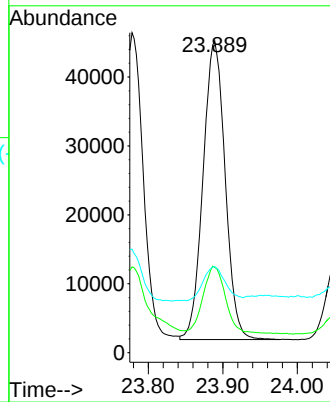
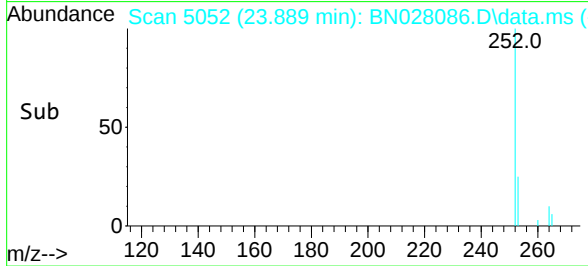
Instrument :
BNA_N
ClientSampleId :
EZYMDL



Tgt Ion:252 Resp: 89239
Ion Ratio Lower Upper
252 100
253 27.4 23.4 35.2
125 27.6 15.3 22.9

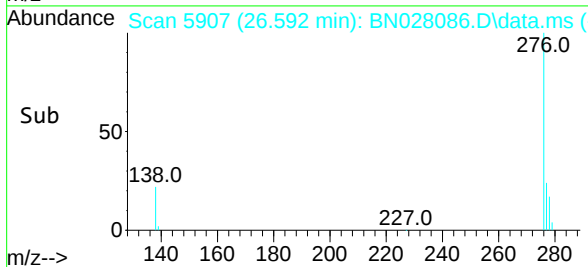
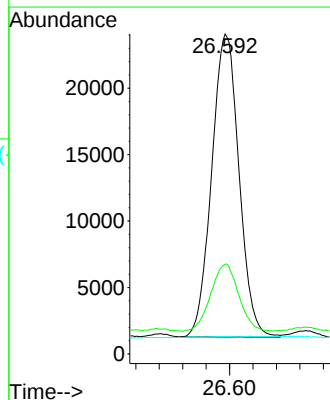
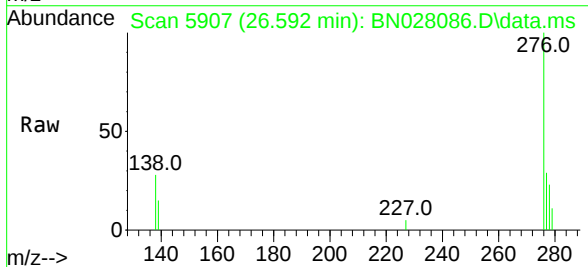
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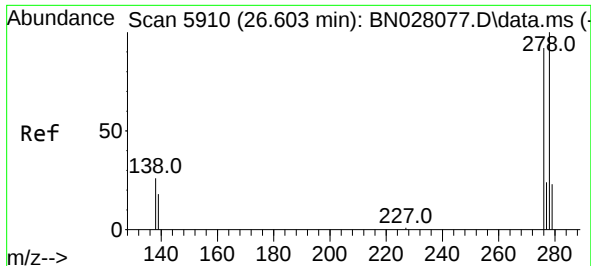
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.993 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.027 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

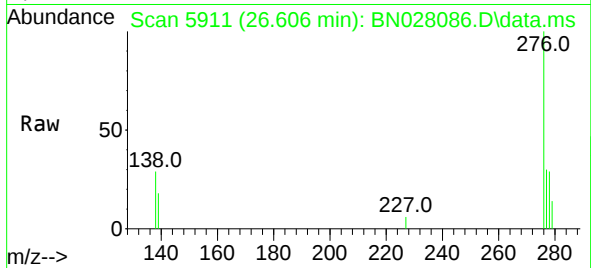
Tgt Ion:276 Resp: 73709
Ion Ratio Lower Upper
276 100
138 22.5 21.6 32.4
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.606 min Scan# 5910
Delta R.T. 0.023 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53

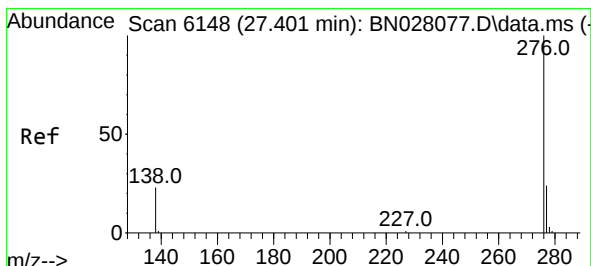
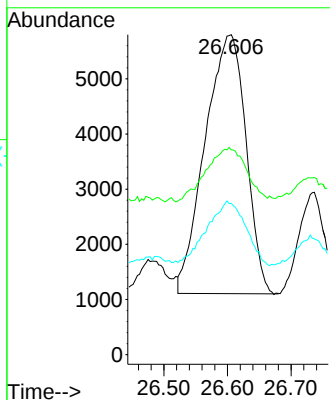
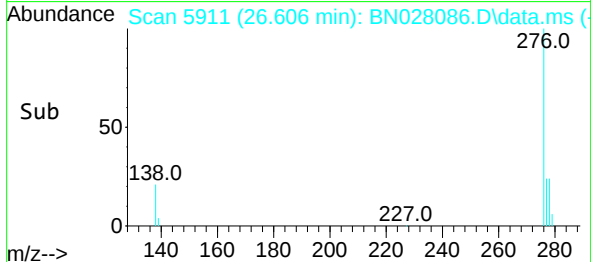
Instrument :
BNA_N
ClientSampleId :
EZYMDL



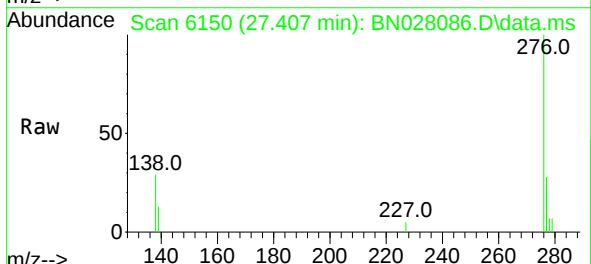
Tgt Ion:278 Resp: 2099
Ion Ratio Lower Upper
278 100
139 64.0 15.9 23.9
279 47.3 22.8 34.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.274 ng/ul
RT: 27.407 min Scan# 6150
Delta R.T. 0.030 min
Lab File: BN028086.D
Acq: 06 Oct 2023 15:53



Tgt Ion:276 Resp: 77293
Ion Ratio Lower Upper
276 100
138 29.2 19.8 29.6
277 28.4 20.6 31.0

