

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027882.D
 Acq On : 27 Sep 2023 04:09
 Operator : MA/JU
 Sample : 04472-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 04:37:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	6334	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	23534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	14800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	34521	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	36268	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	41684	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	8306	1.041	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2433	0.068	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	6962	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	7717	0.115	ng/ul	97
7) 2-Methylnaphthalene	12.434	142	6491	0.152	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	4466	0.101	ng/ul	98
10) Acenaphthylene	14.333	152	7165	0.111	ng/ul	98
11) Acenaphthene	14.666	153	1852	0.033	ng/ul	98
15) Phenanthrene	17.396	178	37042	0.341	ng/ul	99
16) Anthracene	17.489	178	7838	0.086	ng/ul#	95
19) Fluoranthene	19.408	202	76883	0.524	ng/ul	98
20) Pyrene	19.775	202	72460m	0.480	ng/ul	
21) Benzo(a)anthracene	21.518	228	52709	0.376	ng/ul	97
22) Chrysene	21.574	228	68555	0.473	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	126074m	0.679	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	42560m	0.236	ng/ul	
26) Benzo(a)pyrene	23.898	252	75807	0.507	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.599	276	75298	0.393	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.616	278	18808	0.122	ng/ul#	75
29) Benzo(g,h,i)perylene	27.417	276	82761	0.509	ng/ul	98

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

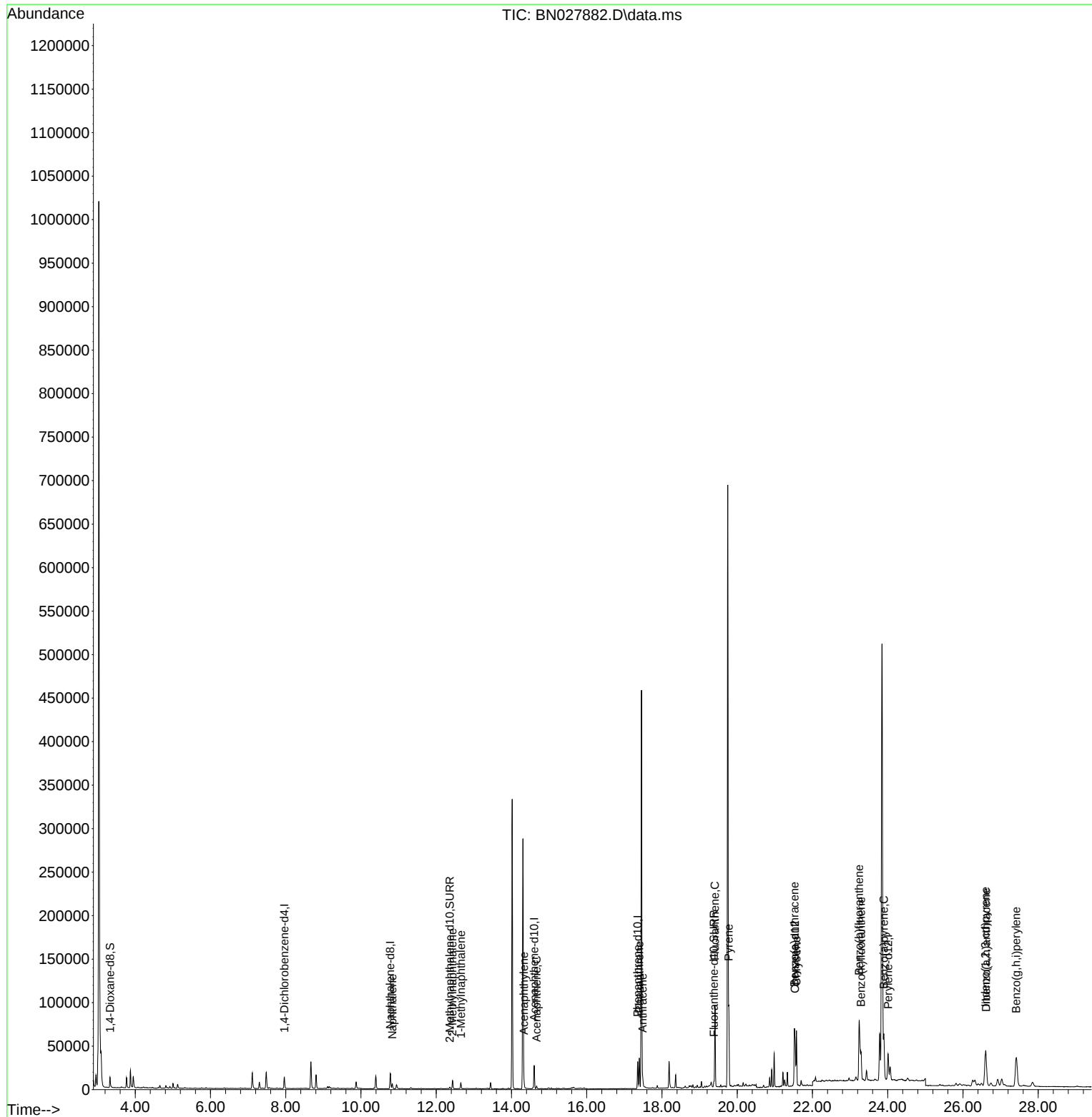
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027882.D
Acq On : 27 Sep 2023 04:09
Operator : MA/JU
Sample : 04472-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

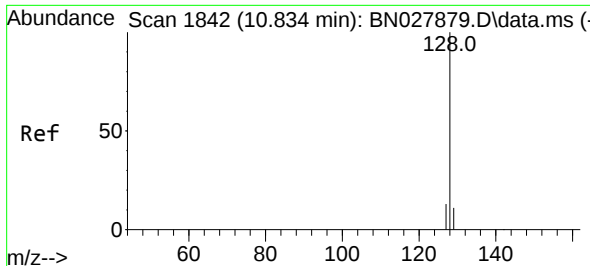
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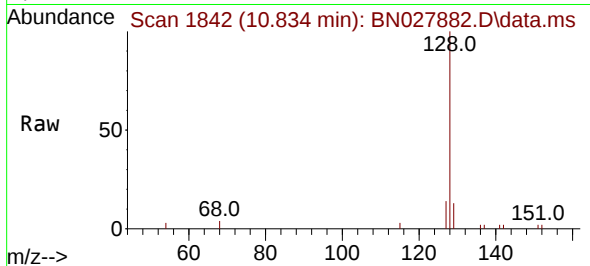
Quant Time: Sep 27 04:37:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

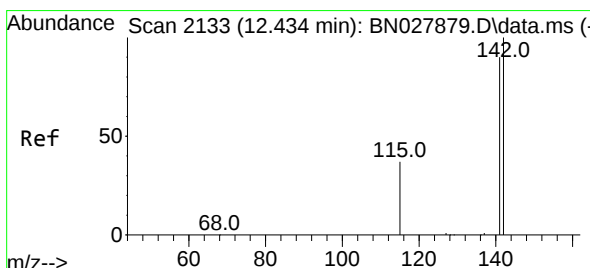
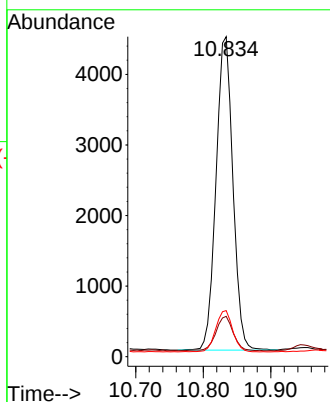
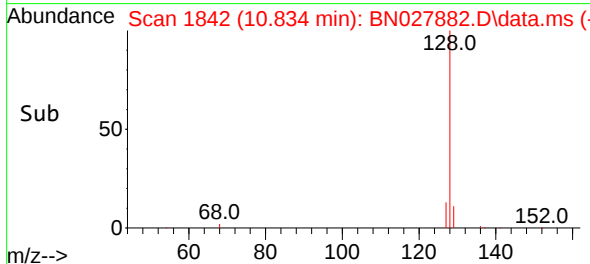
Instrument :
BNA_N
ClientSampleId :
EZY8



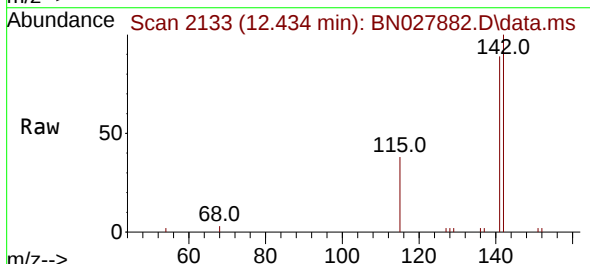
Tgt Ion:128 Resp: 771
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 14.4 10.7 16.1

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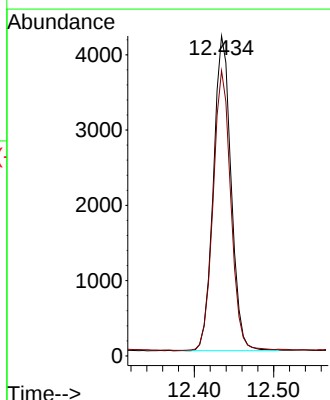
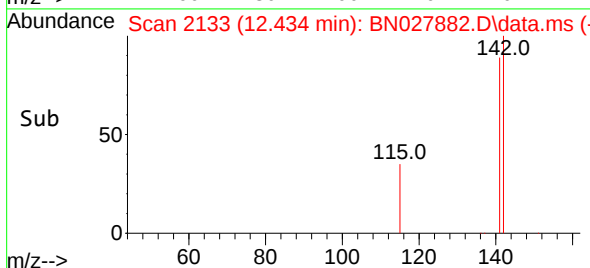
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

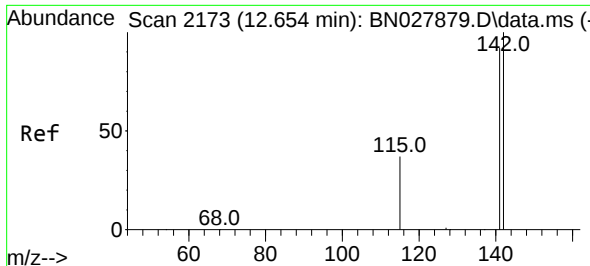


#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09



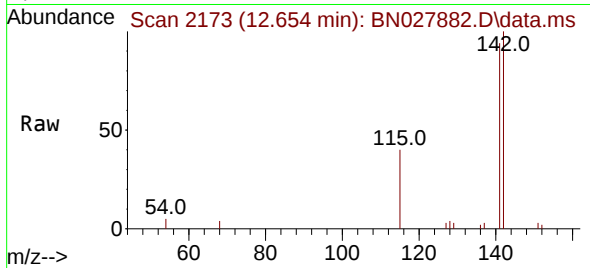
Tgt Ion:142 Resp: 6491
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

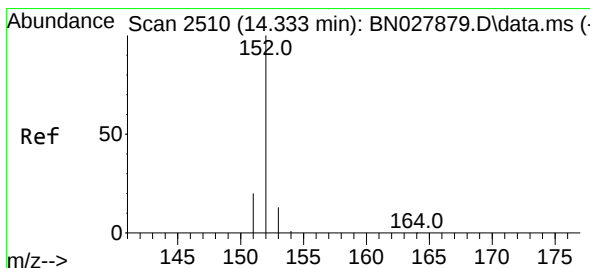
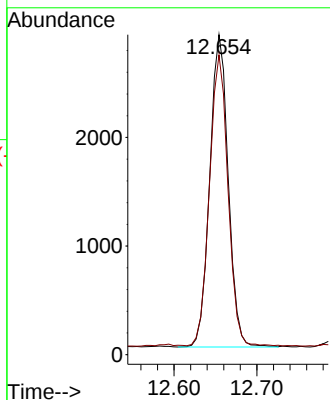
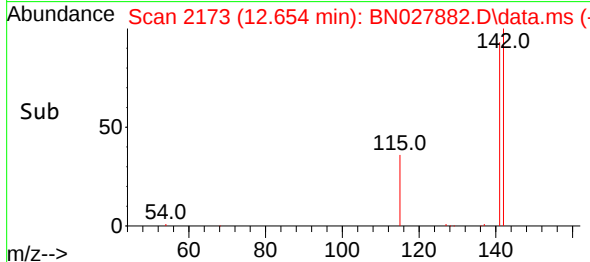
Instrument :
BNA_N
ClientSampleId :
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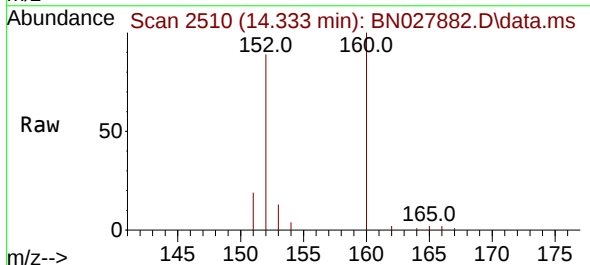
Tgt Ion:142 Resp: 4460
Ion Ratio Lower Upper
142 100
141 92.9 72.8 109.2

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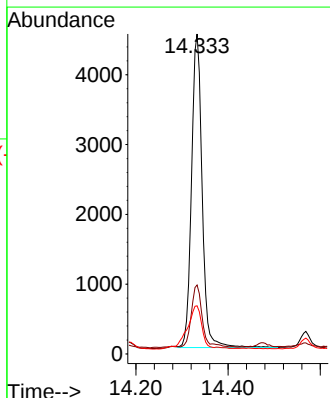
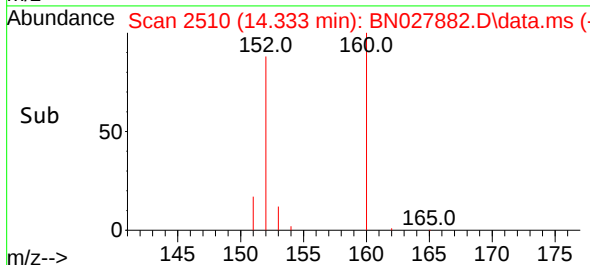
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

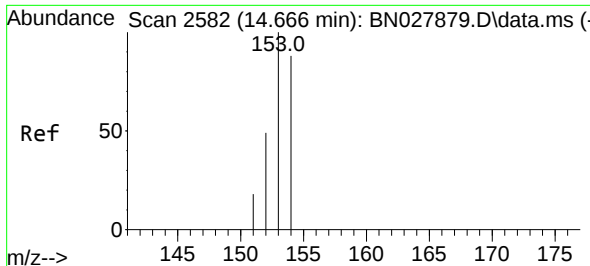


#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09



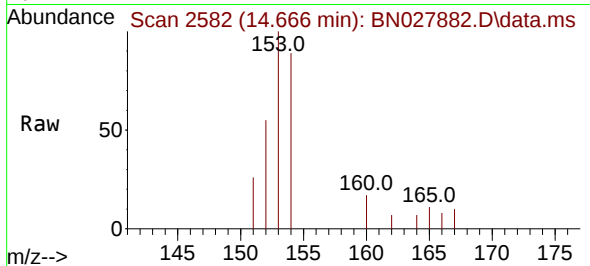
Tgt Ion:152 Resp: 7165
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 15.0 11.0 16.6





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.666 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

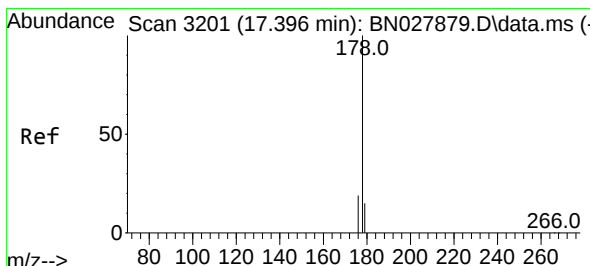
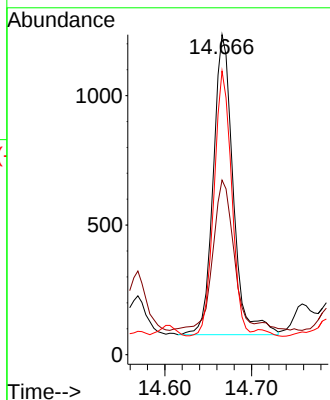
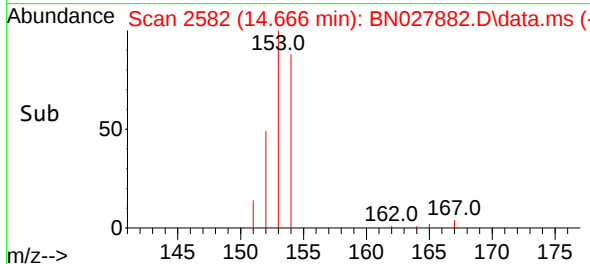
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:153 Resp: 185
Ion Ratio Lower Upper
153 100
152 54.6 41.7 62.5
154 88.7 70.3 105.5

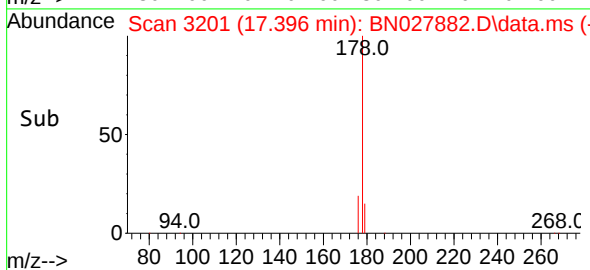
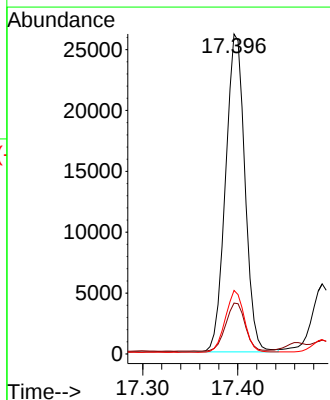
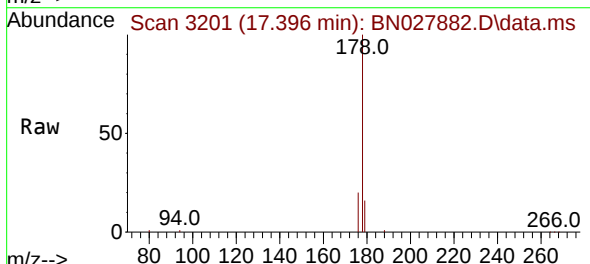
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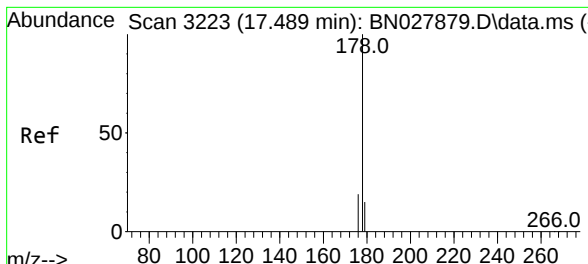
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#15
Phenanthrene
Concen: 0.341 ng/u1
RT: 17.396 min Scan# 3201
Delta R.T. -0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

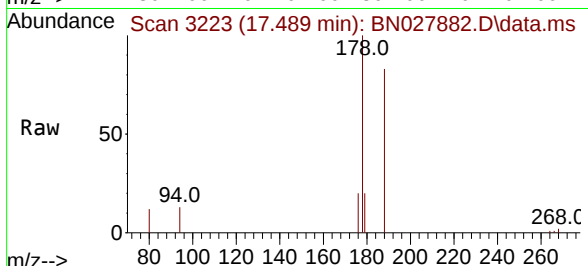
Tgt Ion:178 Resp: 37042
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.8 16.0 24.0





#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.489 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: BN027882.D
 Acq: 27 Sep 2023 04:09

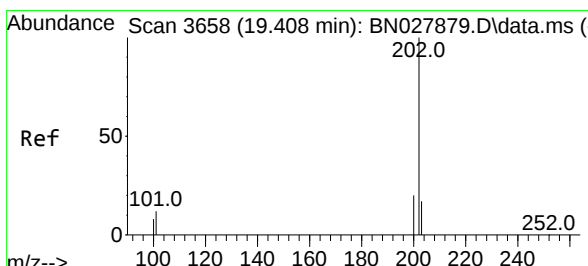
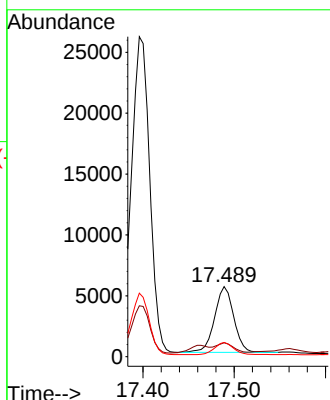
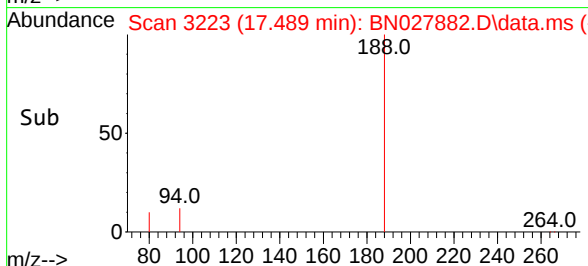
Instrument :
 BNA_N
 ClientSampleId :
 EZEY8



Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.6	19.0
176	20.4	15.5	23.3

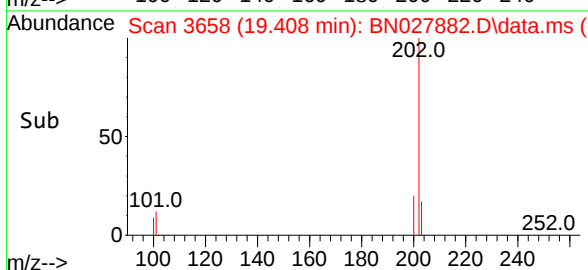
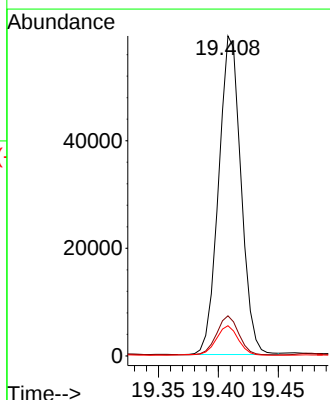
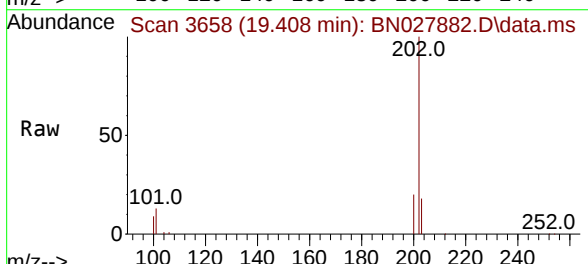
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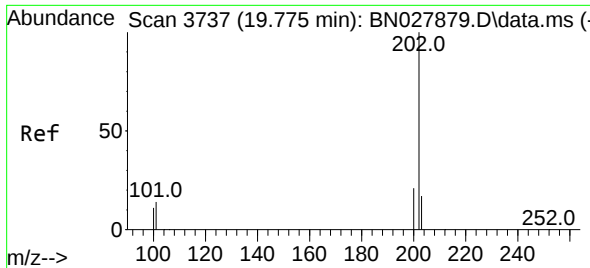
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023



#19
 Fluoranthene
 Concen: 0.524 ng/ul
 RT: 19.408 min Scan# 3658
 Delta R.T. -0.000 min
 Lab File: BN027882.D
 Acq: 27 Sep 2023 04:09

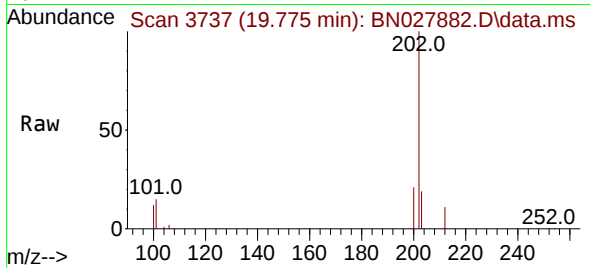
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
100	9.4	7.0	10.4





#20
Pyrene
Concen: 0.480 ng/ul m
RT: 19.775 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

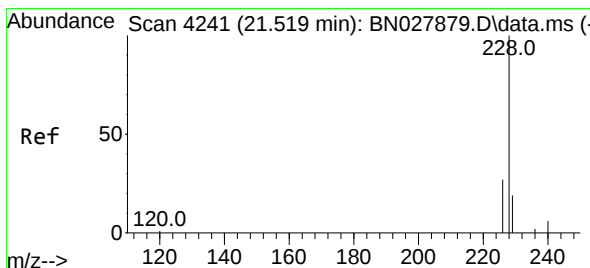
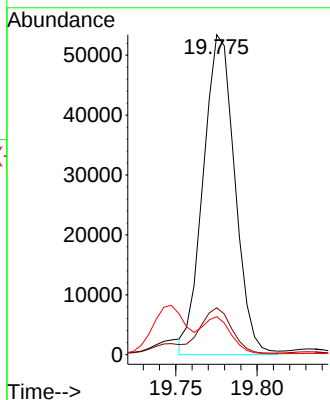
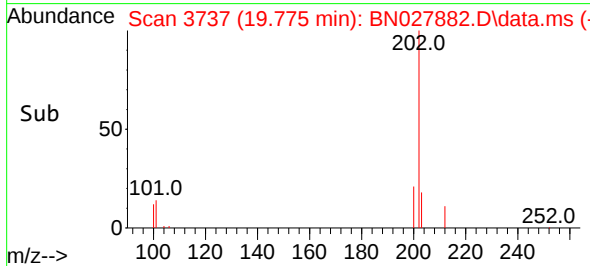
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ClientSampleId :
EZY8



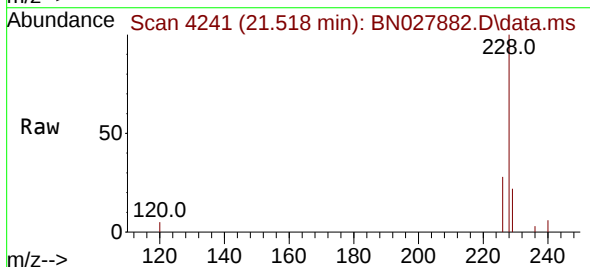
Tgt Ion:202 Resp: 72460
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.9 9.1 13.7

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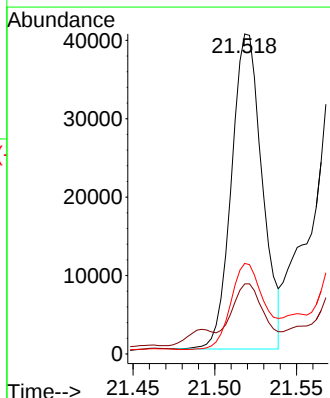
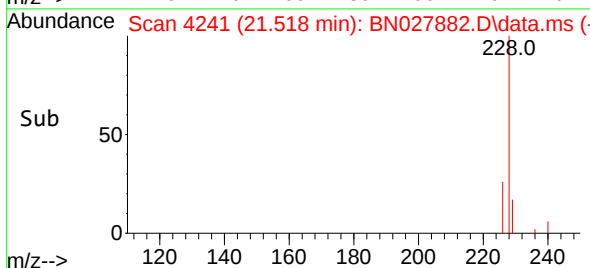
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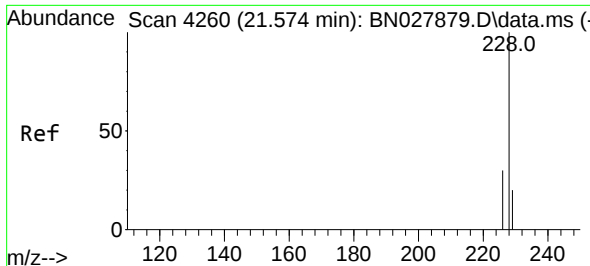


#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.518 min Scan# 4241
Delta R.T. -0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09



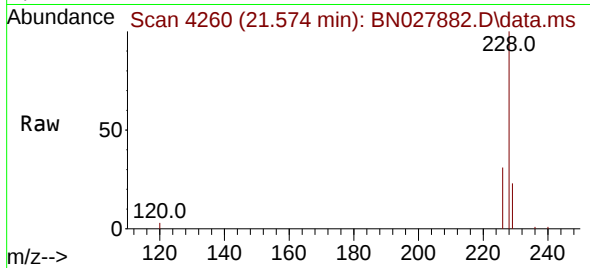
Tgt Ion:228 Resp: 52709
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.8
226 28.3 22.0 33.0





#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. -0.000 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

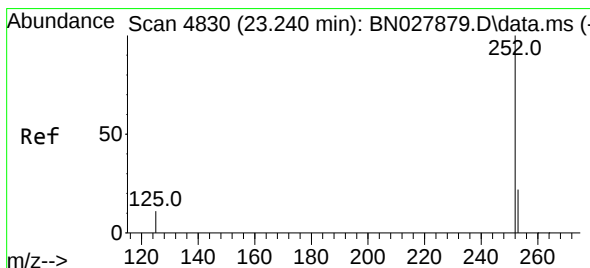
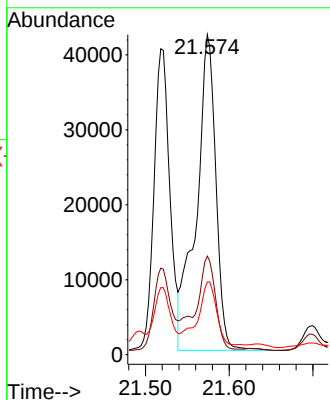
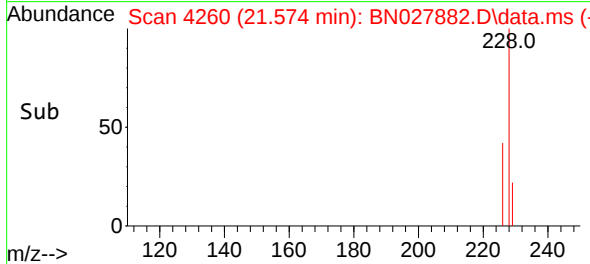
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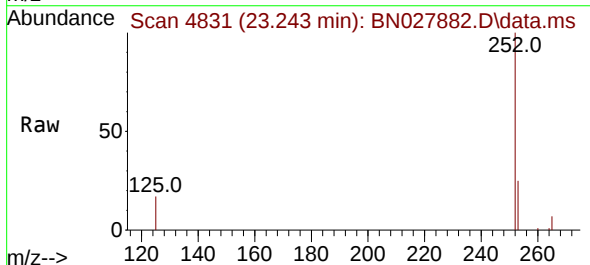
Tgt Ion:228 Resp: 6855
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.7 16.0 24.0

Manual Integrations
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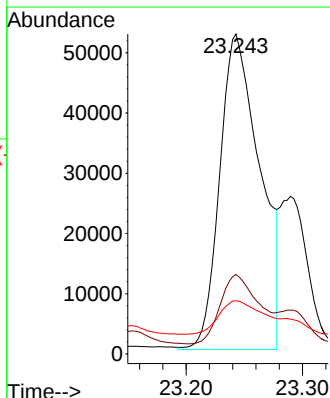
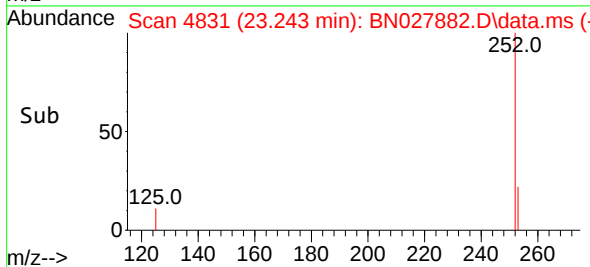
Reviewed By :Yogesh Patel 09/27/2023
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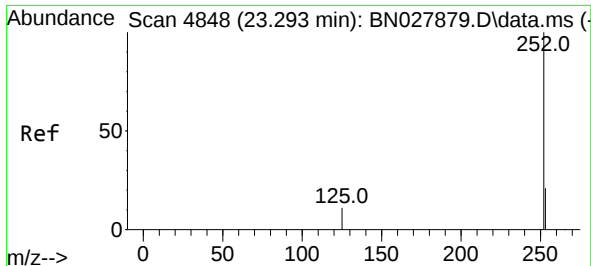


#24
Benzo(b)fluoranthene
Concen: 0.679 ng/ul m
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09



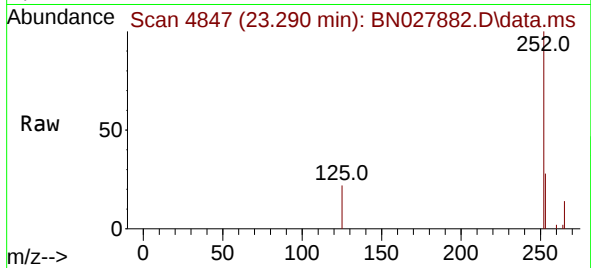
Tgt Ion:252 Resp: 126074
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 16.6 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul m
RT: 23.290 min Scan# 4848
Delta R.T. -0.003 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

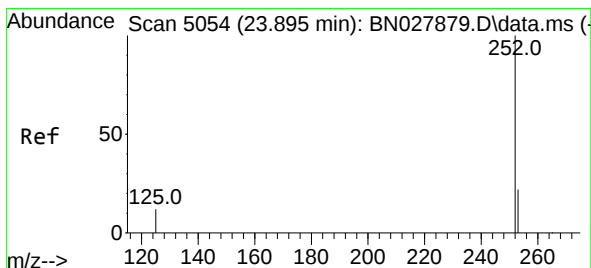
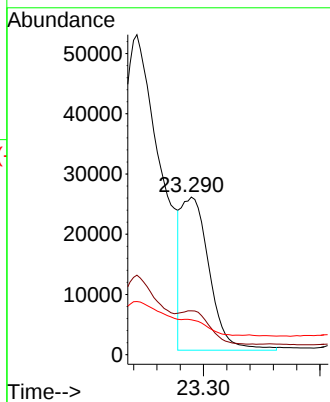
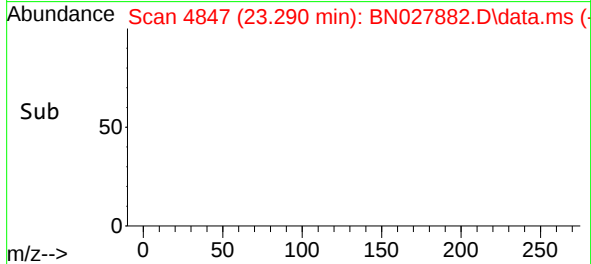
Instrument :
BNA_N
ClientSampleId :
EZY8



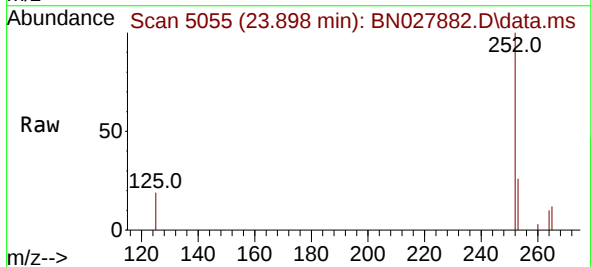
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Ion Ratio Lower Upper
252 100
253 27.8 19.9 29.9
125 22.1 12.6 19.0

Manual Integrations
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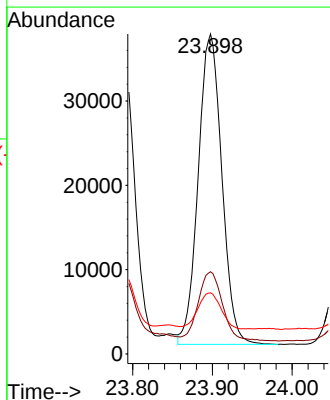
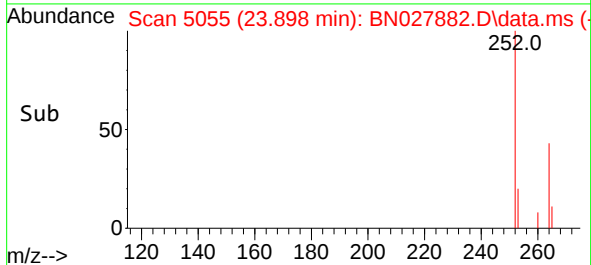
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

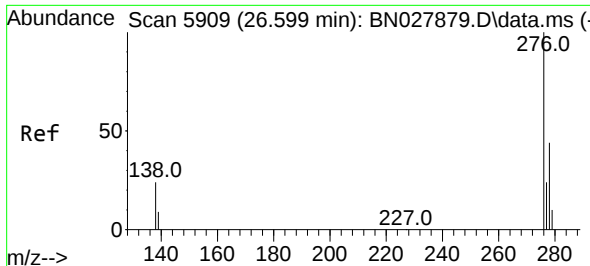


#26
Benzo(a)pyrene
Concen: 0.507 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. 0.003 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09



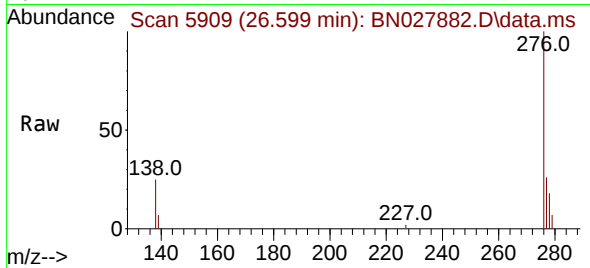
Tgt Ion:252 Resp: 75807
Ion Ratio Lower Upper
252 100
253 25.7 21.9 32.9
125 19.1 15.5 23.3





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.393 ng/ul
 RT: 26.599 min Scan# 5909
 Delta R.T. -0.000 min
 Lab File: BN027882.D
 Acq: 27 Sep 2023 04:09

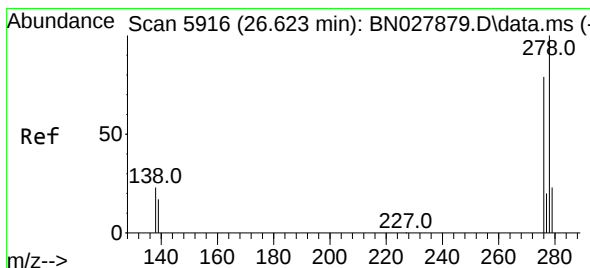
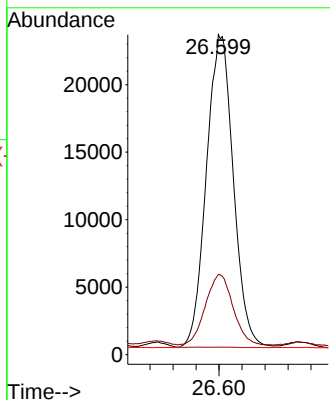
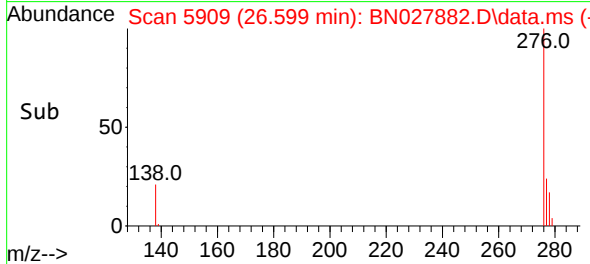
Instrument :
 BNA_N
 ClientSampleId :
 EYZE8



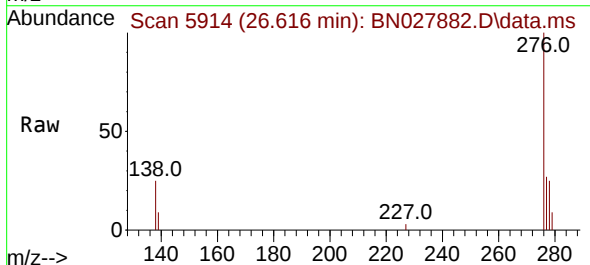
Tgt Ion:276 Resp: 75298
 Ion Ratio Lower Upper
 276 100
 138 23.2 24.3 36.5#
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

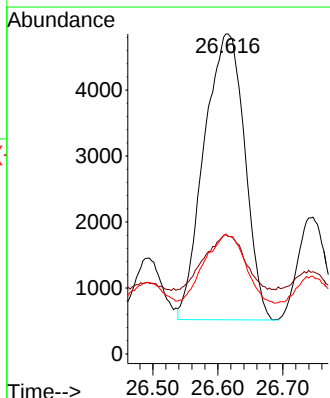
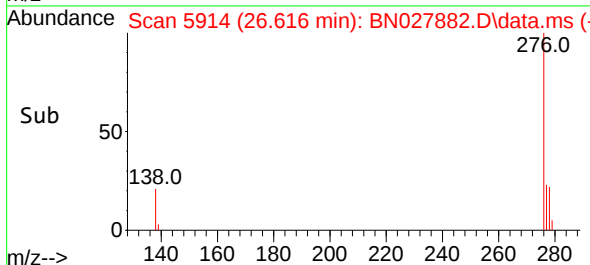
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

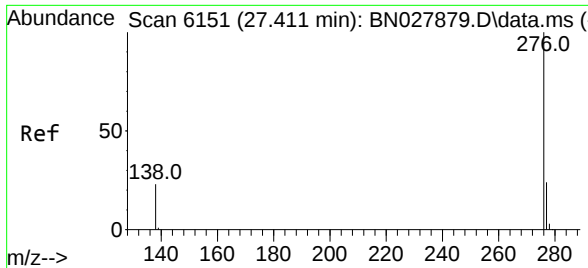


#28
 Dibenzo(a,h)anthracene
 Concen: 0.122 ng/ul
 RT: 26.616 min Scan# 5914
 Delta R.T. -0.007 min
 Lab File: BN027882.D
 Acq: 27 Sep 2023 04:09



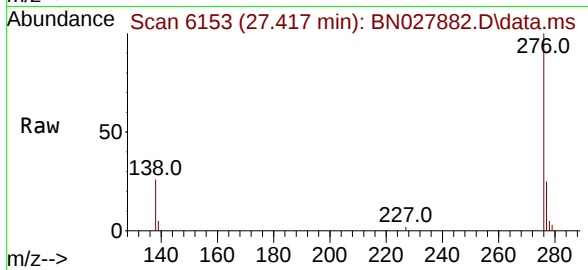
Tgt Ion:278 Resp: 18808
 Ion Ratio Lower Upper
 278 100
 139 36.7 17.2 25.8#
 279 36.8 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.509 ng/ul
RT: 27.417 min Scan# 6153
Delta R.T. 0.006 min
Lab File: BN027882.D
Acq: 27 Sep 2023 04:09

Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:276 Resp: 8276
Ion Ratio Lower Upper
276 100
138 25.7 21.7 32.5
277 25.3 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

