

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027840.D
 Acq On : 23 Sep 2023 00:36
 Operator : MA/JU
 Sample : 04387-14
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAH1

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 23 03:50:25 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20523	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	12481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28447	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22712	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	20043	0.400	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	23168	3.066	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	10154	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	25761	0.371	ng/ul	0.00

Target Compounds						Qvalue
5) Naphthalene	10.872	128	4050	0.069	ng/ul#	93
7) 2-Methylnaphthalene	12.478	142	3759	0.101	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	3162	0.082	ng/ul	99
10) Acenaphthylene	14.370	152	3242	0.059	ng/ul#	89
11) Acenaphthene	14.703	153	1050	0.022	ng/ul#	91
12) Fluorene	15.688	166	1309	0.024	ng/ul#	93
15) Phenanthrene	17.434	178	33950	0.380	ng/ul	99
16) Anthracene	17.527	178	4985	0.067	ng/ul#	91
19) Fluoranthene	19.446	202	86513	0.942	ng/ul	100
20) Pyrene	19.813	202	71112m	0.752	ng/ul	
21) Benzo(a)anthracene	21.554	228	31246	0.356	ng/ul	97
22) Chrysene	21.609	228	41039	0.452	ng/ul	97
24) Benzo(b)fluoranthene	23.293	252	54664m	0.612	ng/ul	
25) Benzo(k)fluoranthene	23.343	252	18702m	0.216	ng/ul	
26) Benzo(a)pyrene	23.957	252	29863	0.416	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.697	276	24295	0.264	ng/ul#	51
29) Benzo(g,h,i)perylene	27.522	276	24046	0.308	ng/ul#	74

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

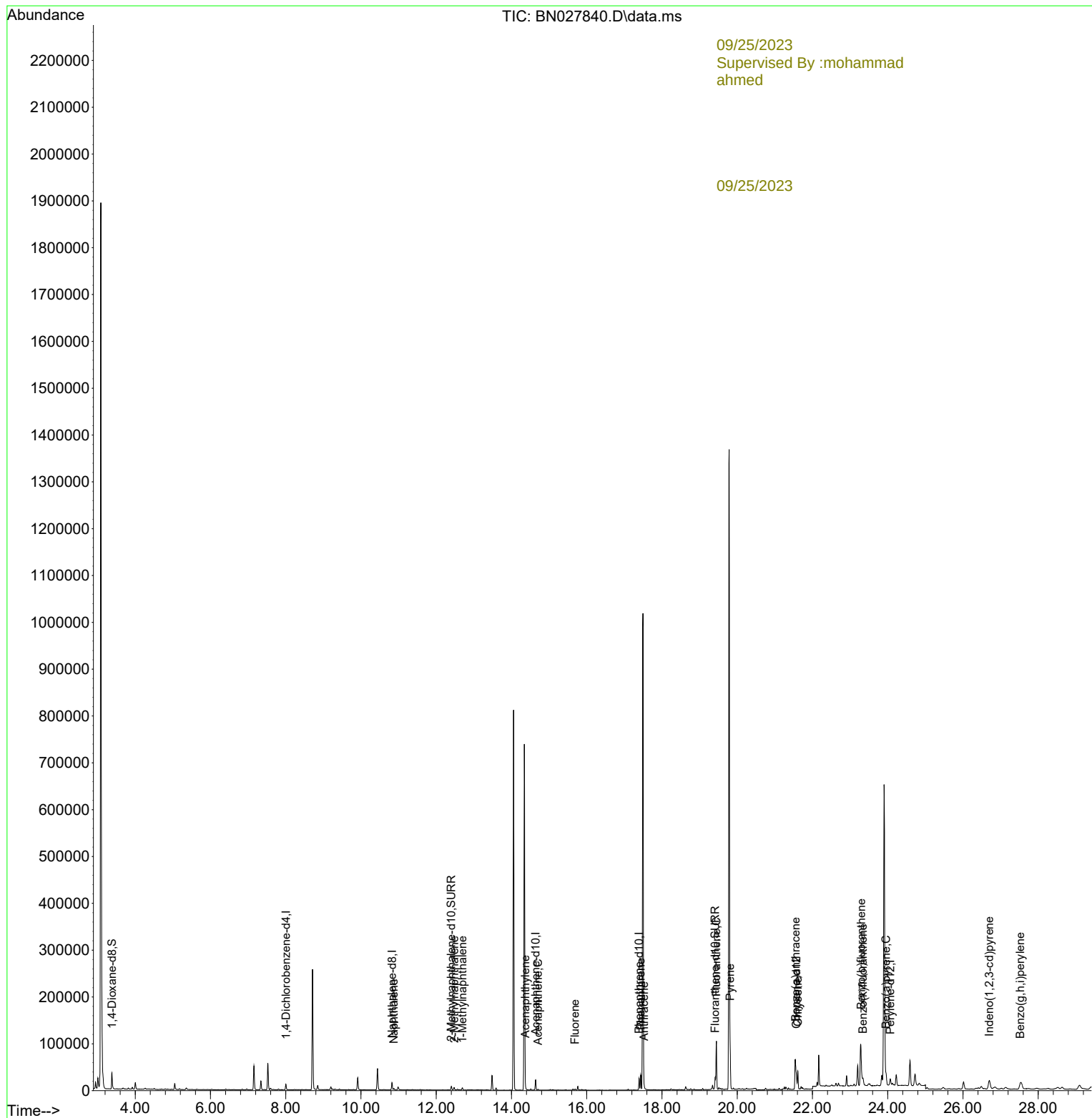
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027840.D
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Operator : MA/JU
Sample : 04387-14
Misc :
ALS Vial : 59 Sample Multiplier: 1

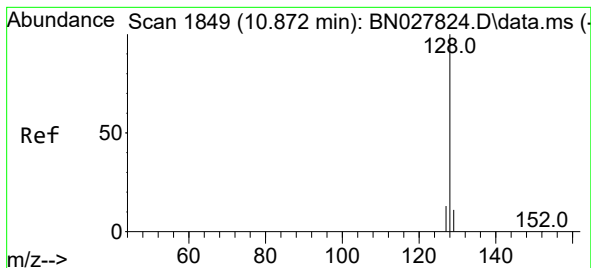
Instrument :
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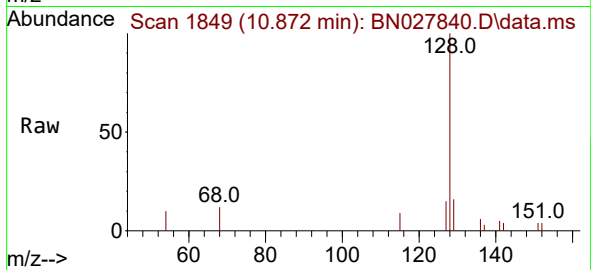
Quant Time: Sep 23 03:50:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.872 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

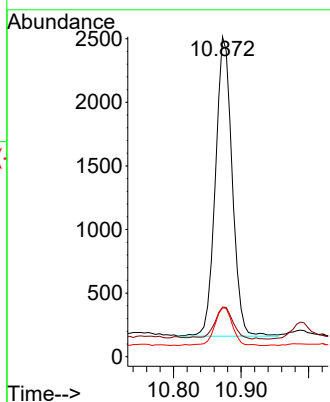
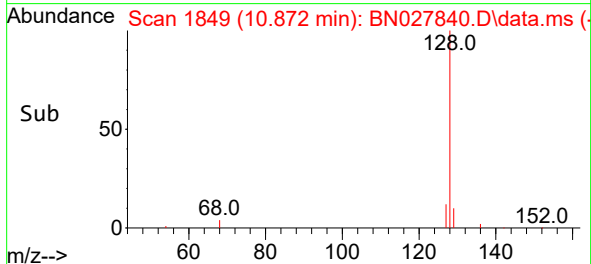
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:128 Resp: 4050
Ion Ratio Lower Upper
128 100
129 15.5 9.3 13.9
127 15.3 10.7 16.1

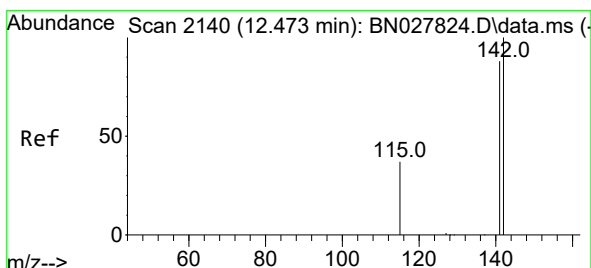
Manual Integrations
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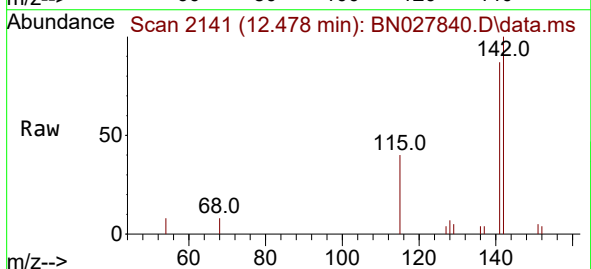


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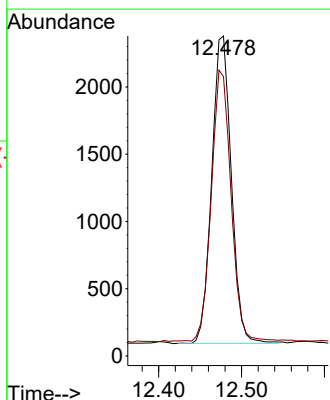
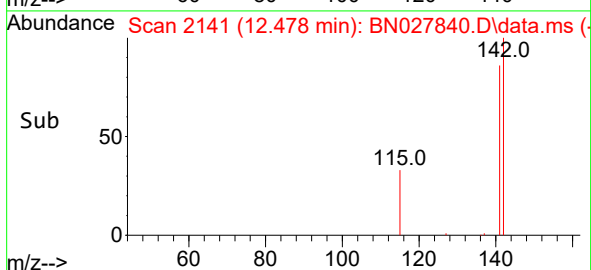
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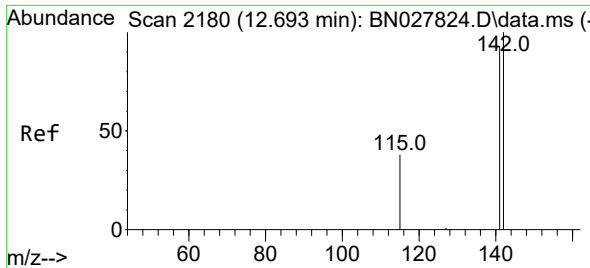


#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36



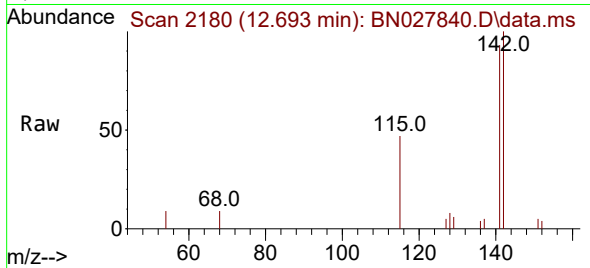
Tgt Ion:142 Resp: 3759
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

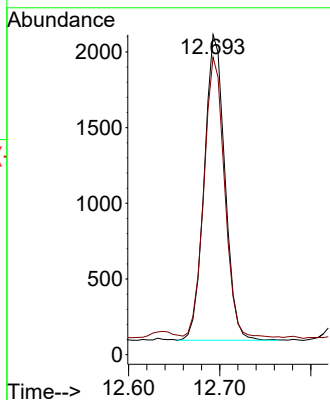
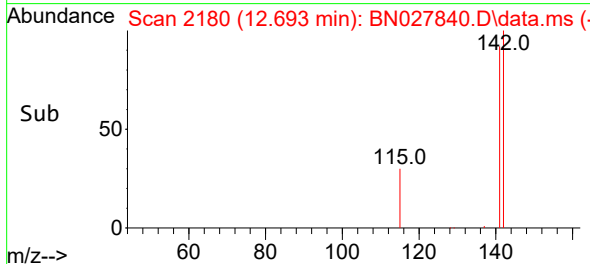
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:142 Resp: 3162
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2

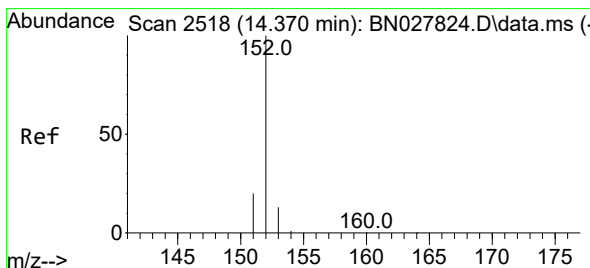
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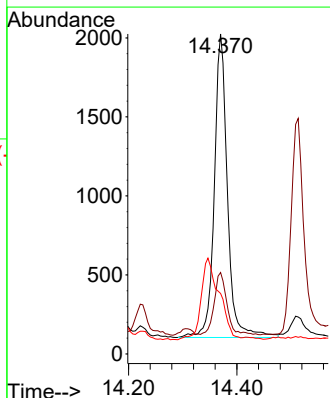
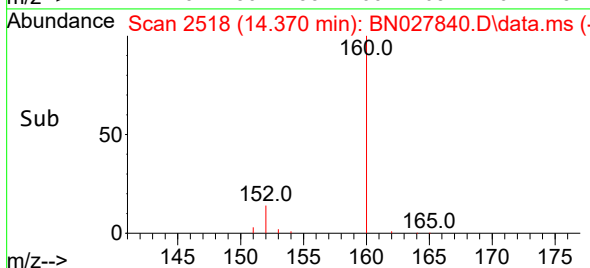
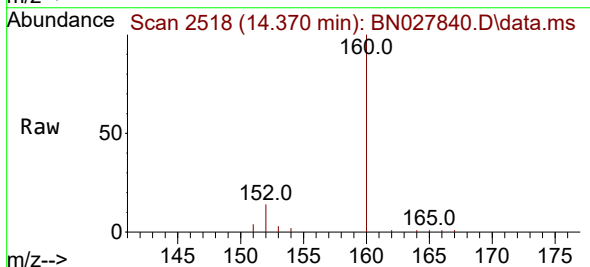
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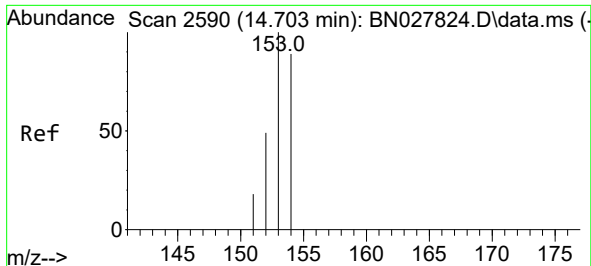
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#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

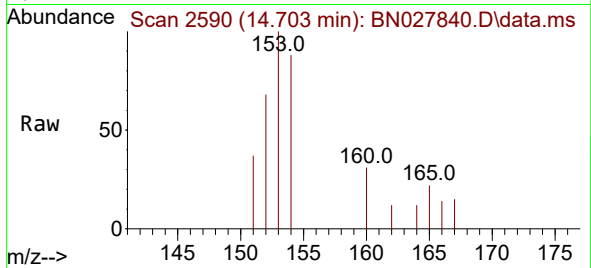
Tgt Ion:152 Resp: 3242
Ion Ratio Lower Upper
152 100
151 25.4 16.6 25.0#
153 18.9 11.0 16.6#





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

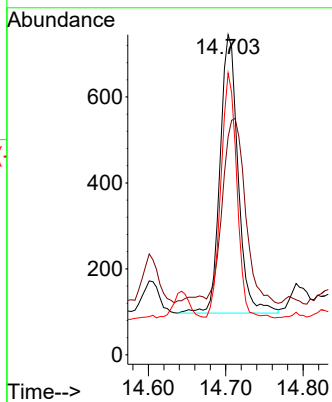
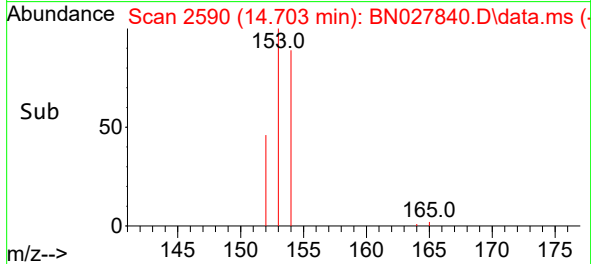
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:153 Resp: 1050
Ion Ratio Lower Upper
153 100
152 68.1 41.7 62.5
154 88.1 70.3 105.5

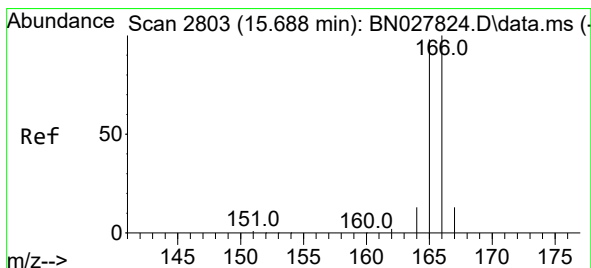
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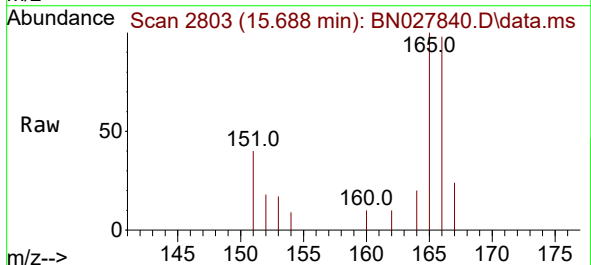


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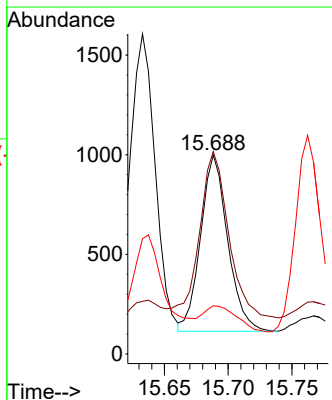
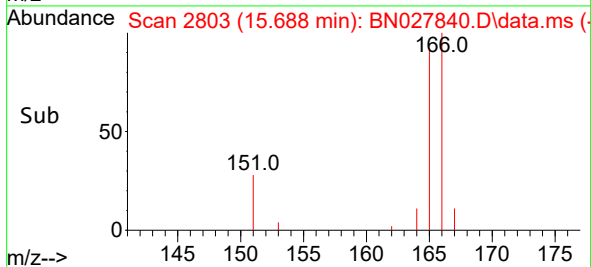
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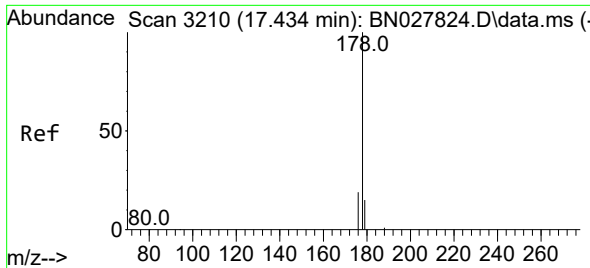


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36



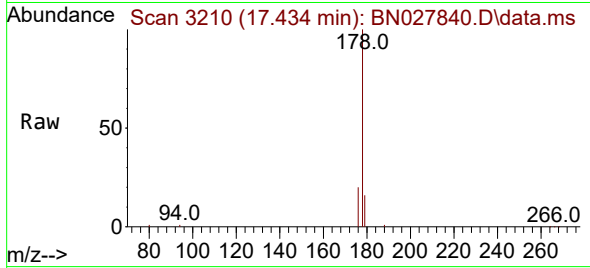
Tgt Ion:166 Resp: 1309
Ion Ratio Lower Upper
166 100
165 101.7 78.0 117.0
167 24.2 11.4 17.2#





#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

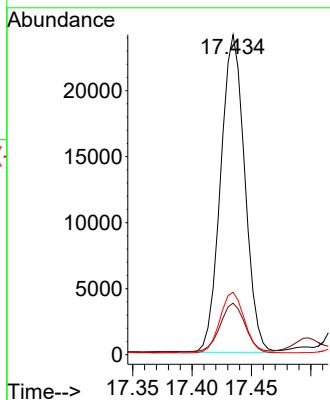
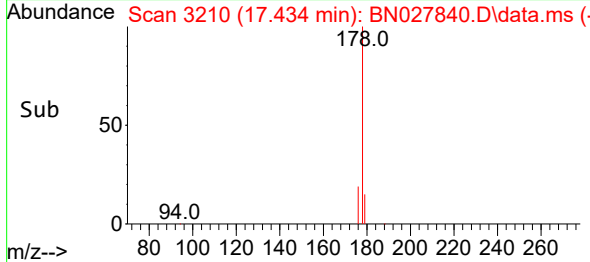
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:178 Resp: 33950
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.5 16.0 24.0

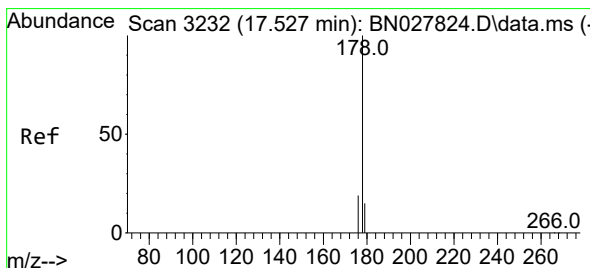
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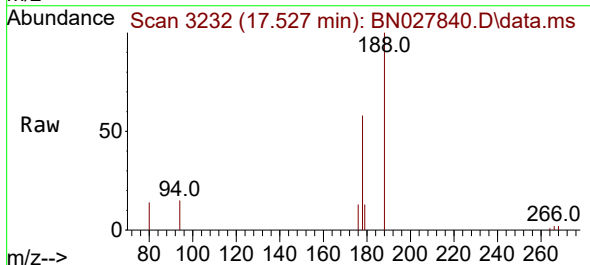


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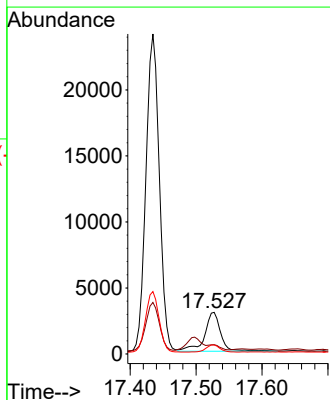
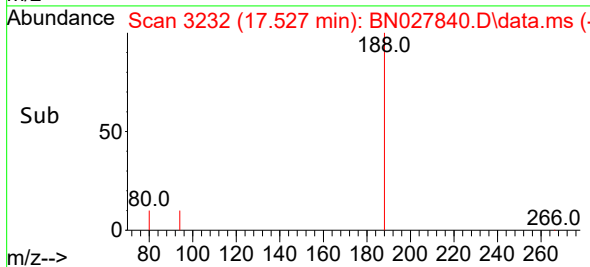
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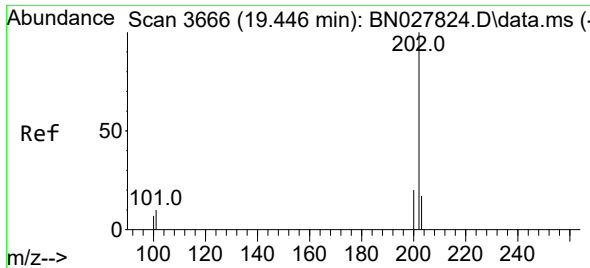


#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36



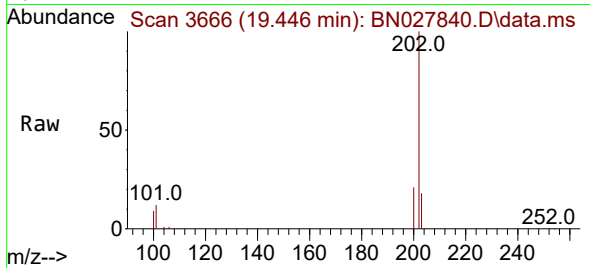
Tgt Ion:178 Resp: 4985
Ion Ratio Lower Upper
178 100
179 22.2 12.6 19.0#
176 21.4 15.5 23.3





#19
Fluoranthene
Concen: 0.942 ng/ul
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

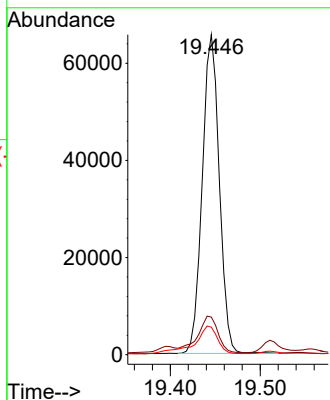
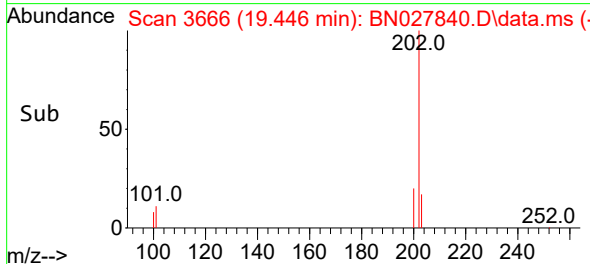
Instrument :
BNA_N
ClientSampleId :
COAH1



Tgt Ion:202 Resp: 8651
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 8.6 7.0 10.4

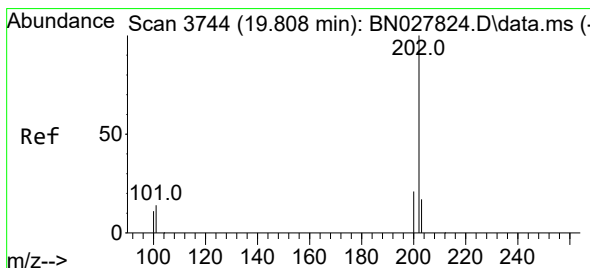
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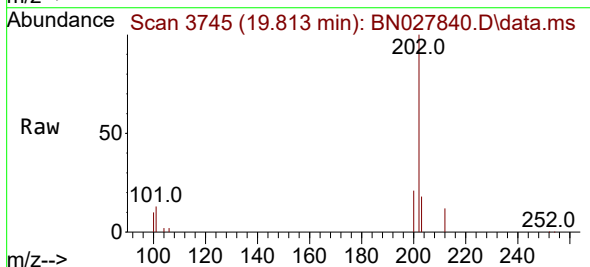


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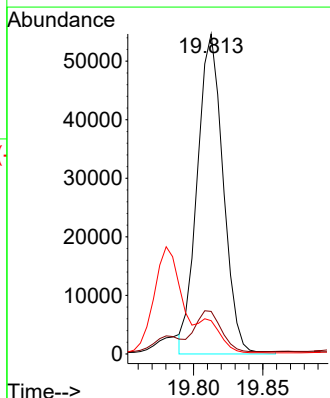
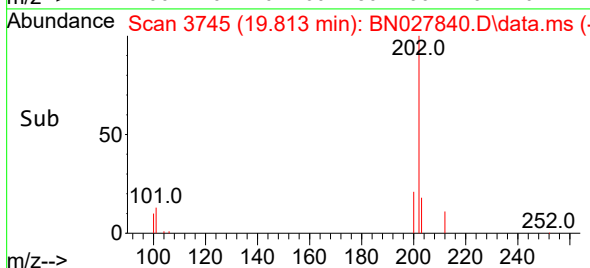
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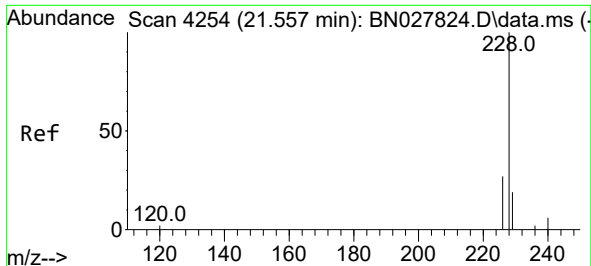


#20
Pyrene
Concen: 0.752 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36



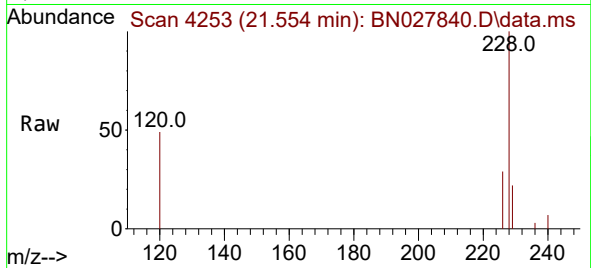
Tgt Ion:202 Resp: 71112
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

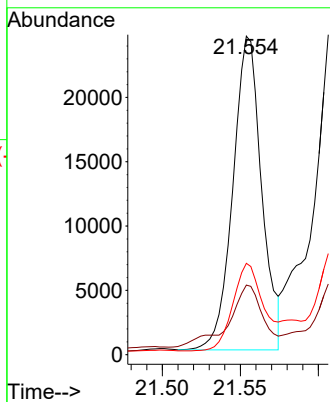
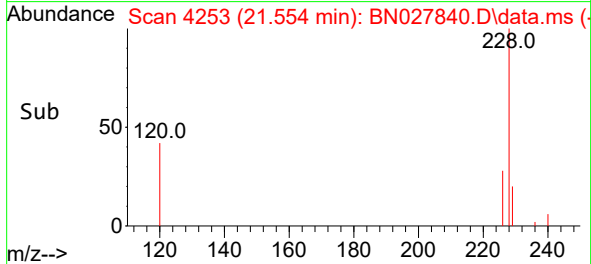
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:228 Resp: 31240
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.8
226 28.7 22.0 33.0

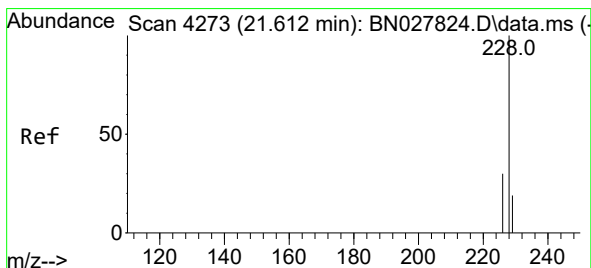
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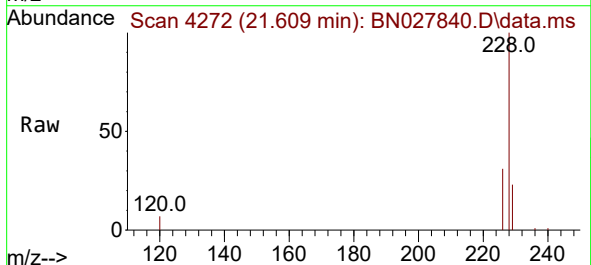


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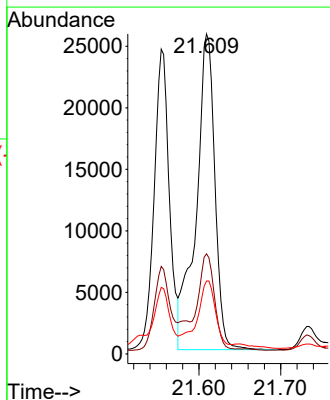
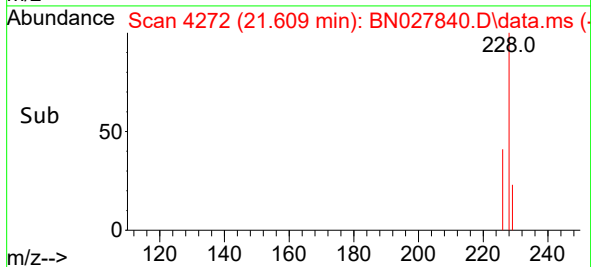
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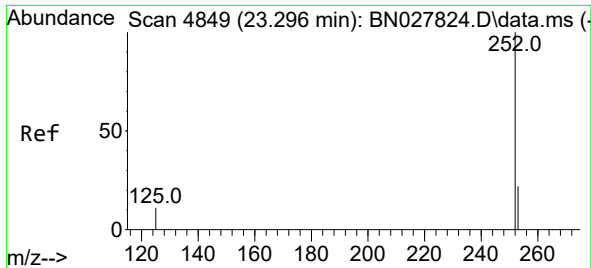


#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36



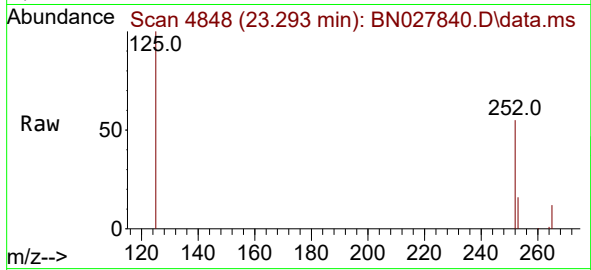
Tgt Ion:228 Resp: 41039
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.612 ng/ul m
RT: 23.293 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

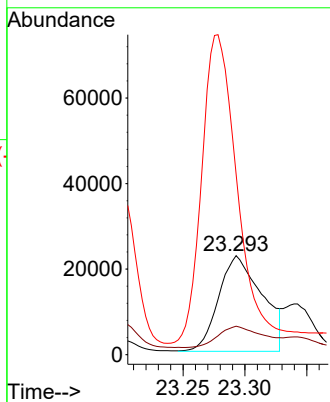
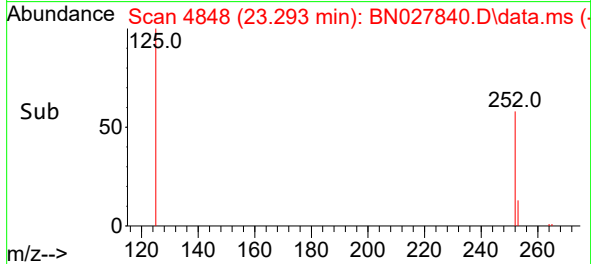
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:252 Resp: 54664
Ion Ratio Lower Upper
252 100
253 28.8 0.0 50.2
125 182.3 0.0 31.4

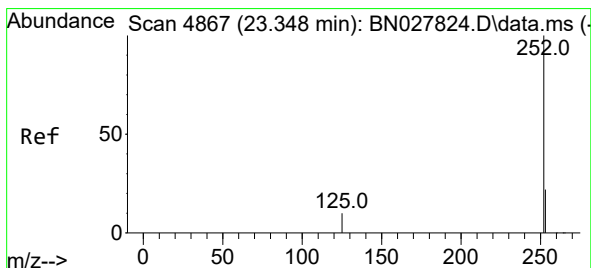
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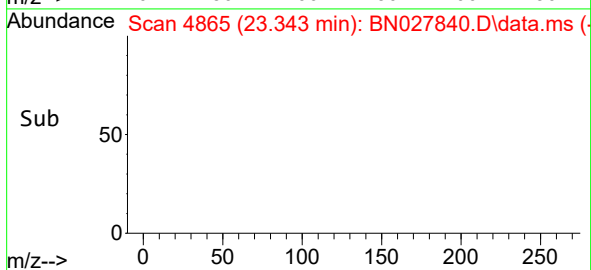
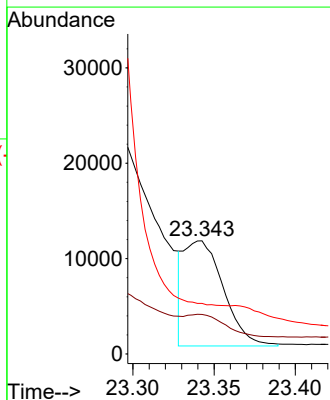
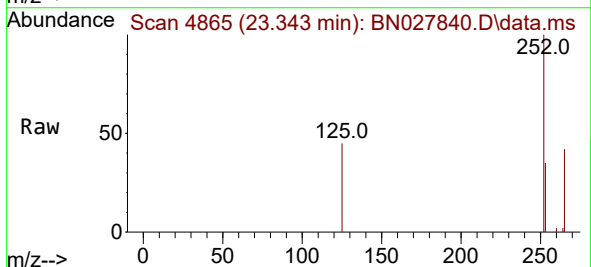
09/25/2023
Supervised By :mohammad
ahmed

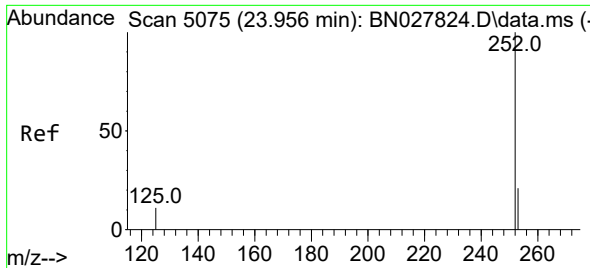
09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 23.343 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

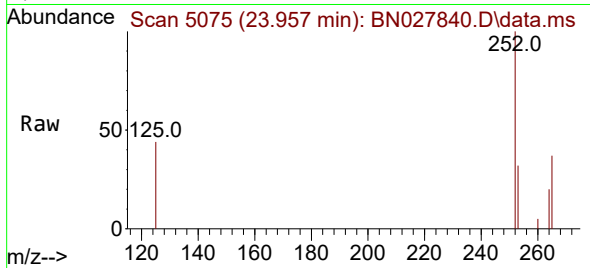
Tgt Ion:252 Resp: 18702
Ion Ratio Lower Upper
252 100
253 34.9 19.9 29.9#
125 44.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.957 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

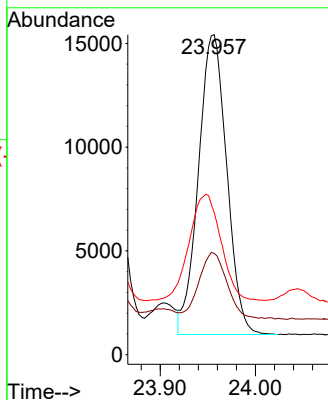
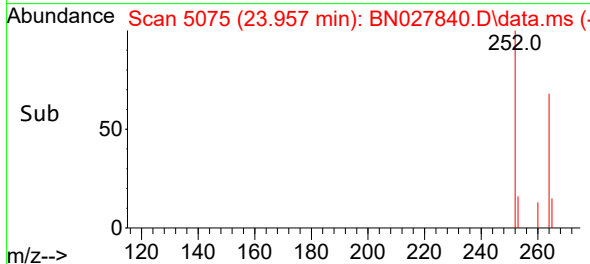
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:252 Resp: 2986
Ion Ratio Lower Upper
252 100
253 31.7 21.9 32.9
125 44.4 15.5 23.3

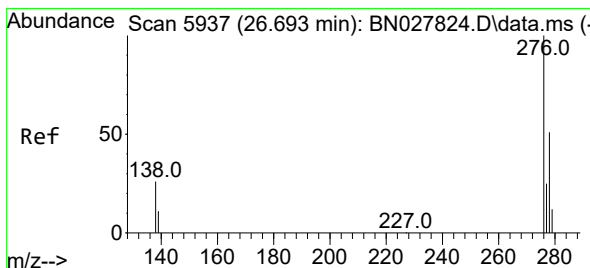
Manual Integrations
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Reviewed By :Yogesh
Patel

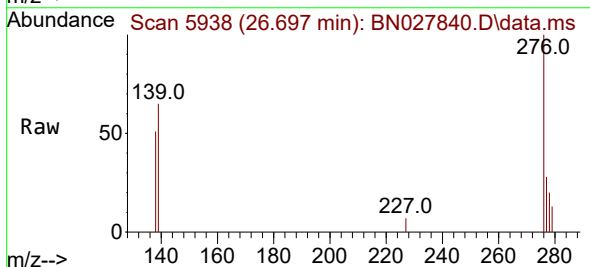


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Supervised By :mohammad
ahmed

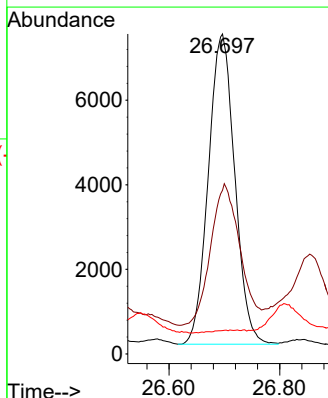
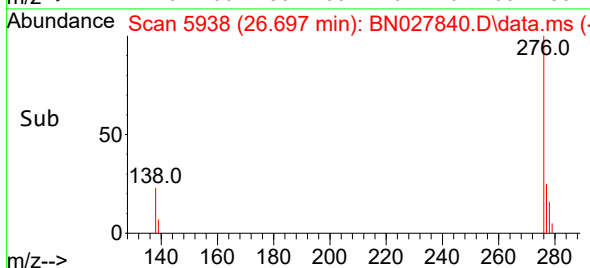
09/25/2023

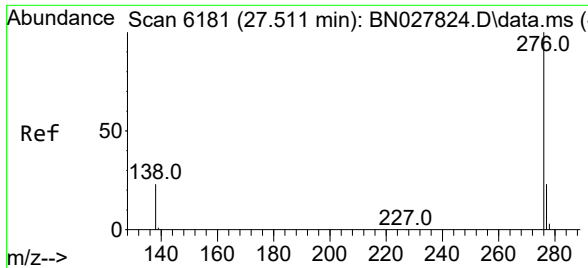


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.697 min Scan# 5938
Delta R.T. 0.014 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36



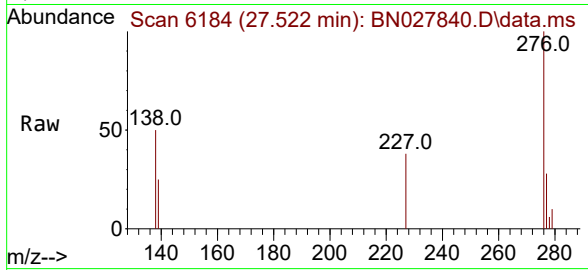
Tgt Ion:276 Resp: 24295
Ion Ratio Lower Upper
276 100
138 57.2 24.3 36.5#
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 27.522 min Scan# 6184
 Delta R.T. 0.017 min
 Lab File: BN027840.D
 Acq: 23 Sep 2023 00:36

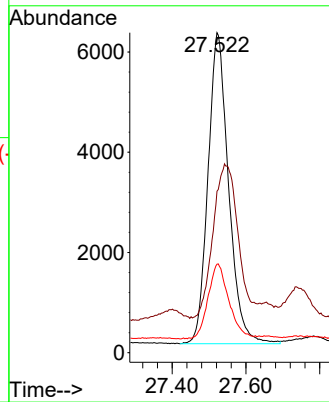
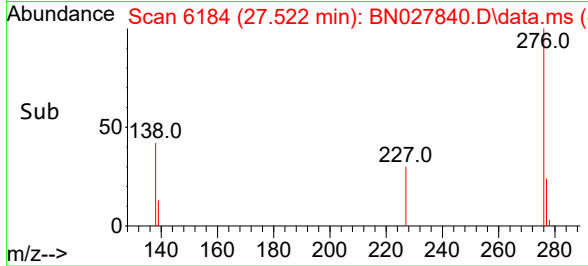
Instrument :
 BNA_N
 ClientSampleId :
 C0AH1



Tgt Ion:	276	Resp:	2404
Ion Ratio	Lower	Upper	
276	100		
138	50.4	21.7	32.5
277	27.7	20.2	30.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/25/2023
 Supervised By :mohammad
 ahmed

09/25/2023