

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027827.D
 Acq On : 22 Sep 2023 16:38
 Operator : MA/JU
 Sample : 04387-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 22 18:41:13 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	8.005	152	6994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	23828	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	14503	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	33687	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	25682	0.400	ng/ul	0.00
23) Perylene-d12	24.067	264	22723	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	21958	2.492	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	10662	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	27747	0.354	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.873	128	4901	0.072	ng/ul#	93
7) 2-Methylnaphthalene	12.473	142	4611	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	3825	0.086	ng/ul	100
10) Acenaphthylene	14.370	152	3418	0.054	ng/ul#	88
12) Fluorene	15.684	166	1595	0.025	ng/ul#	96
14) Pentachlorophenol	17.020	266	384	0.049	ng/ul#	85
15) Phenanthrene	17.434	178	35290	0.333	ng/ul	99
16) Anthracene	17.523	178	4132	0.047	ng/ul#	89
19) Fluoranthene	19.445	202	88382	0.851	ng/ul	99
20) Pyrene	19.812	202	72308m	0.676	ng/ul	
21) Benzo(a)anthracene	21.553	228	33491	0.337	ng/ul	98
22) Chrysene	21.609	228	43878	0.427	ng/ul	97
24) Benzo(b)fluoranthene	23.293	252	58586m	0.578	ng/ul	
25) Benzo(k)fluoranthene	23.339	252	24674m	0.251	ng/ul	
26) Benzo(a)pyrene	23.956	252	31995	0.393	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	26.693	276	30884	0.296	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.713	278	9506	0.113	ng/ul#	1
29) Benzo(g,h,i)perylene	27.521	276	33239	0.375	ng/ul#	78

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

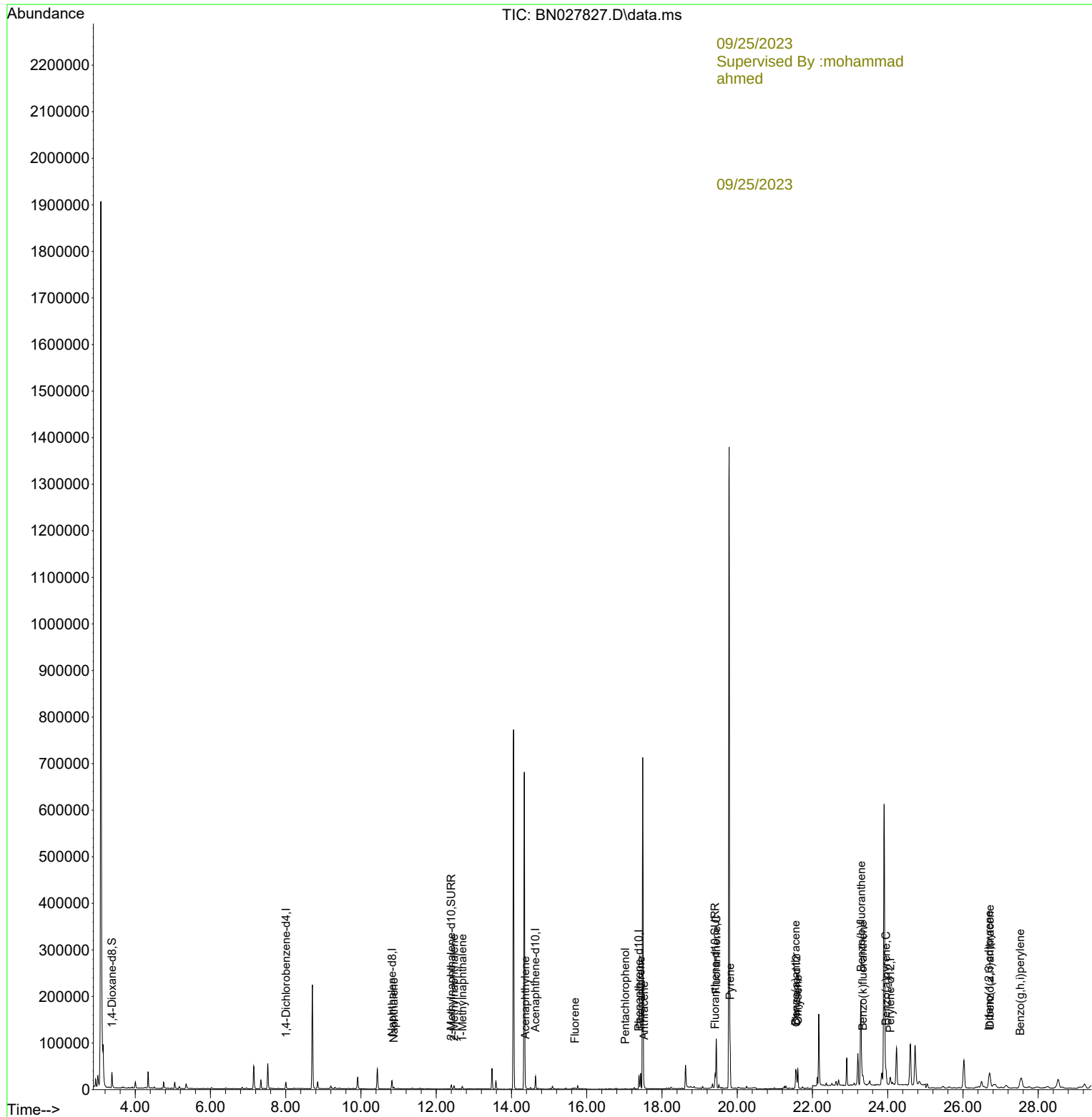
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027827.D
Acq On : 22 Sep 2023 16:38
Operator : MA/JU
Sample : 04387-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

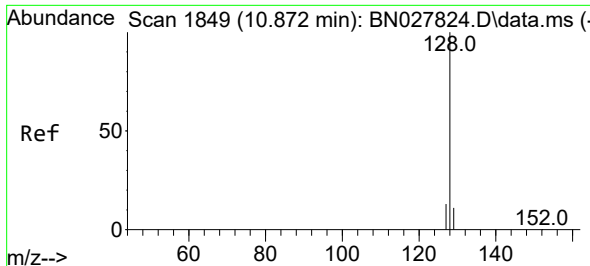
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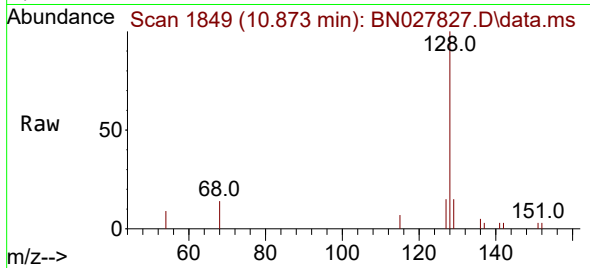
Quant Time: Sep 22 18:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.873 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

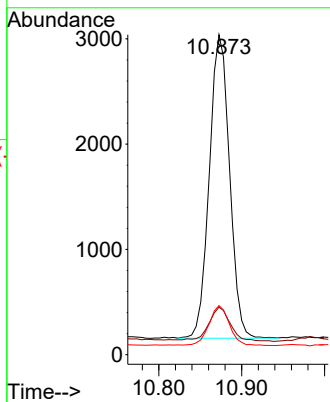
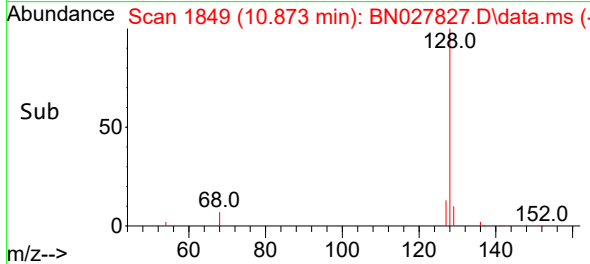
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:128 Resp: 490
Ion Ratio Lower Upper
128 100
129 14.8 9.3 13.9
127 15.4 10.7 16.1

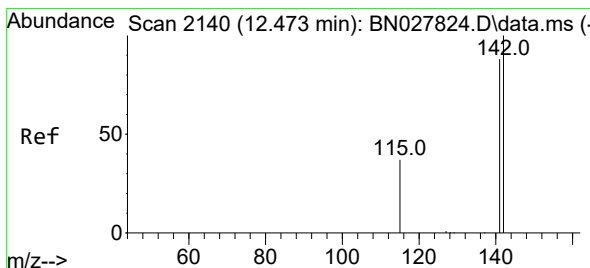
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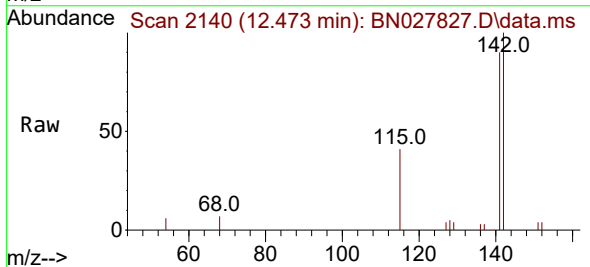


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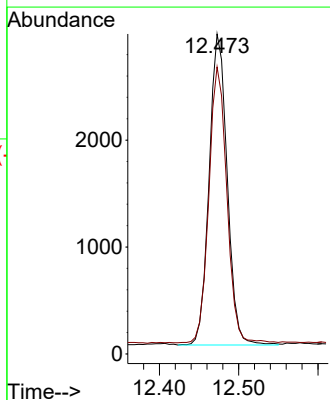
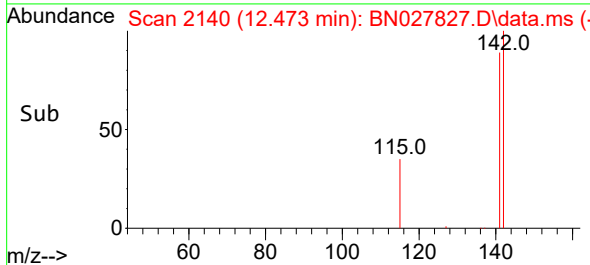
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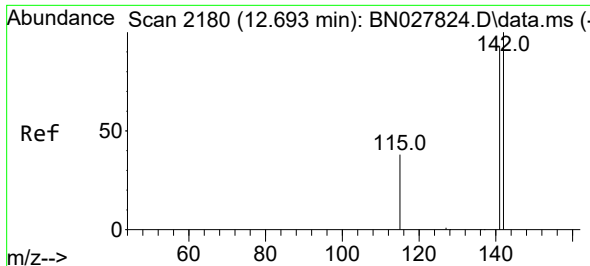


#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38



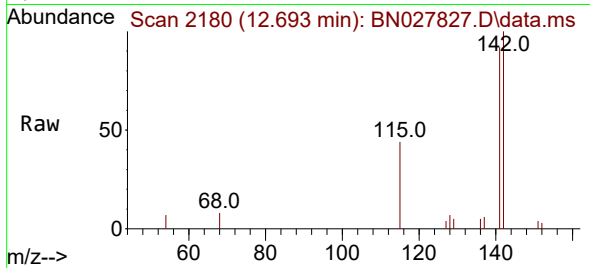
Tgt Ion:142 Resp: 4611
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

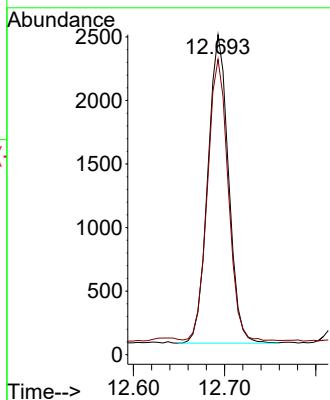
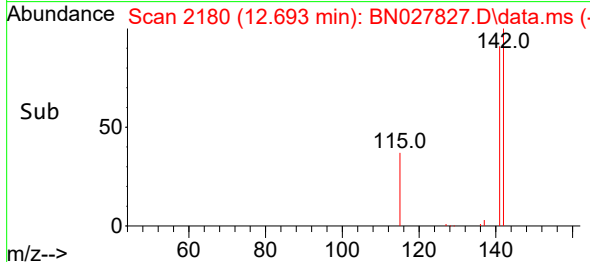
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:142 Resp: 3829
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2

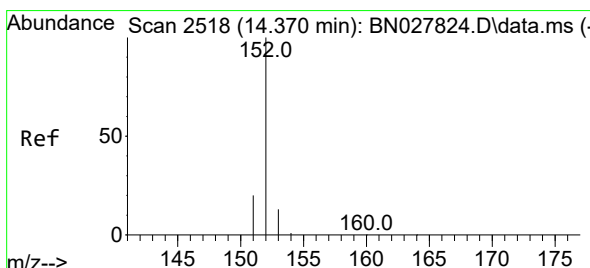
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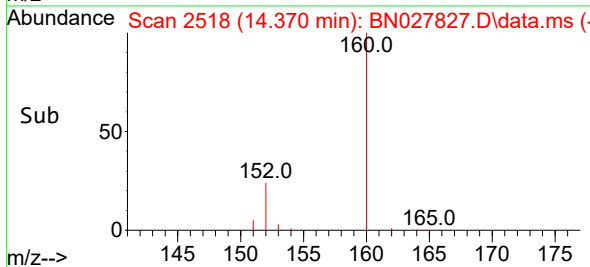
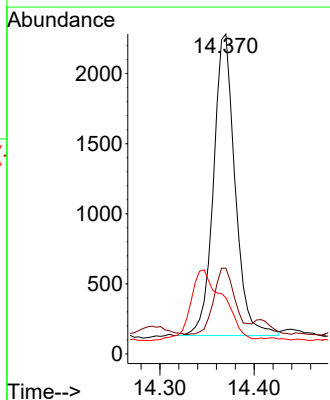
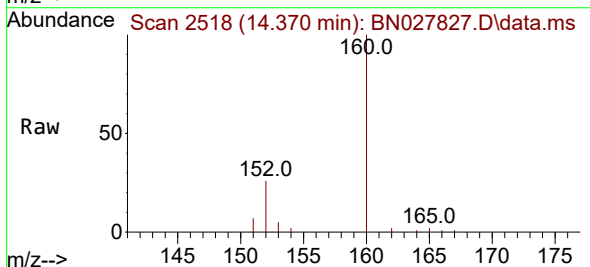
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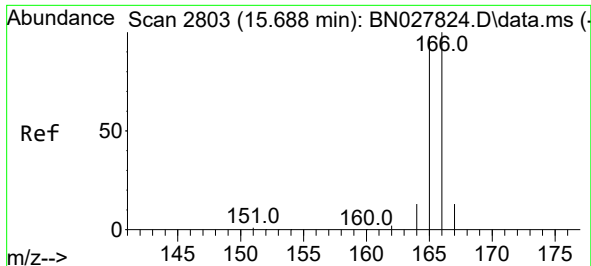
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#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

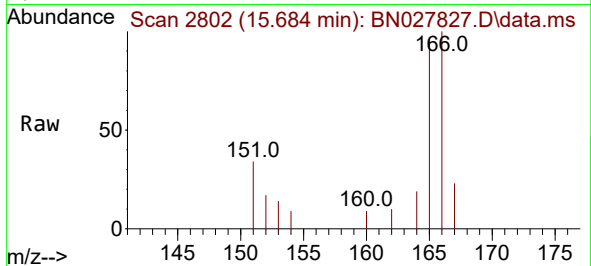
Tgt Ion:152 Resp: 3418
Ion Ratio Lower Upper
152 100
151 26.8 16.6 25.0#
153 17.6 11.0 16.6#





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.684 min Scan# 2802
Delta R.T. -0.004 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

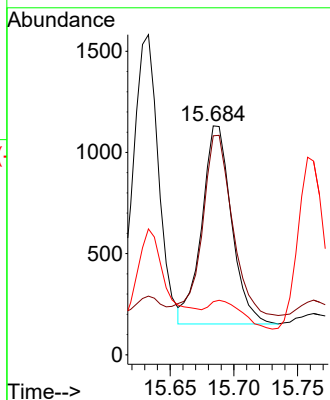
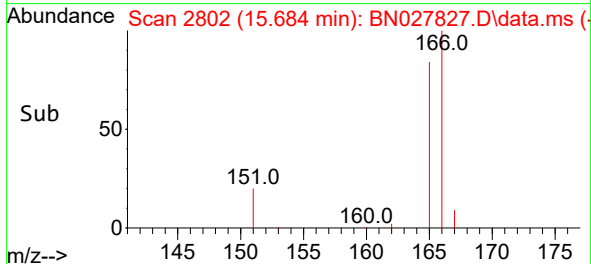
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:166 Resp: 159
Ion Ratio Lower Upper
166 100
165 95.7 78.0 117.0
167 23.2 11.4 17.2

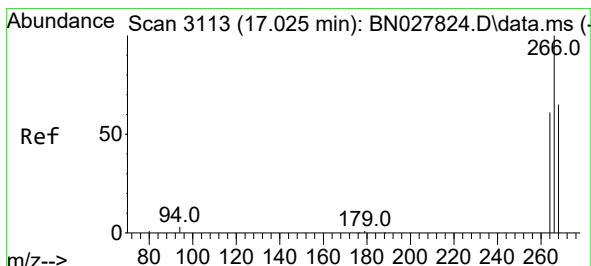
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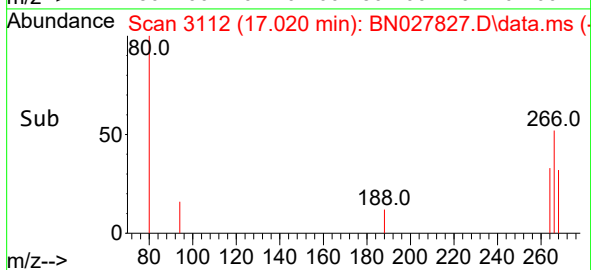
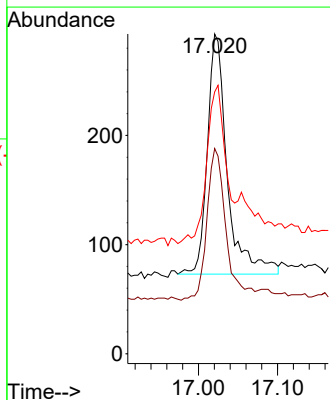
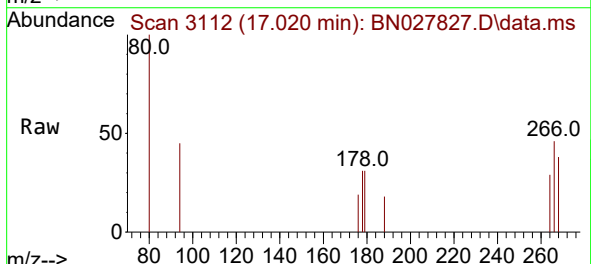
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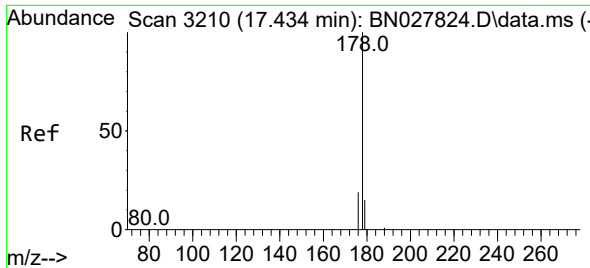
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#14
Pentachlorophenol
Concen: 0.049 ng/ul
RT: 17.020 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

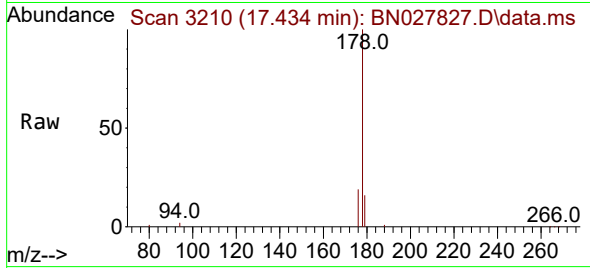
Tgt Ion:266 Resp: 384
Ion Ratio Lower Upper
266 100
264 64.1 49.6 74.4
268 85.2 50.7 76.1





#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

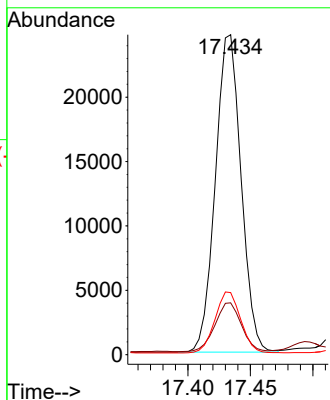
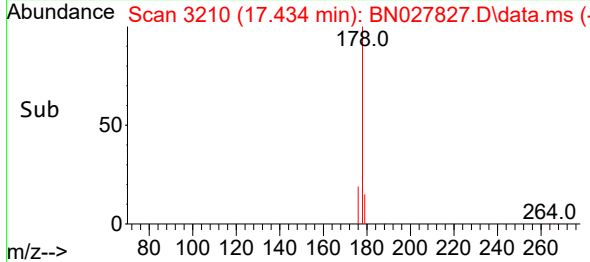
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:178 Resp: 35290
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.4 16.0 24.0

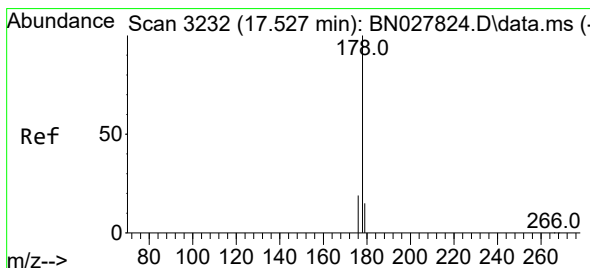
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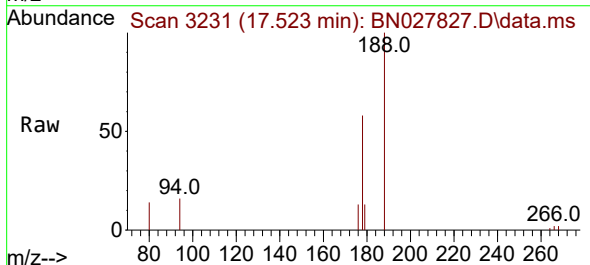


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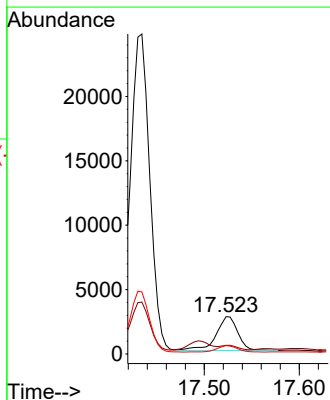
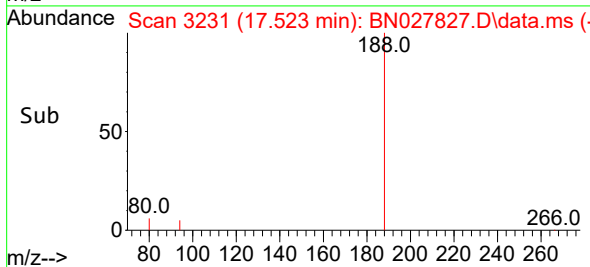
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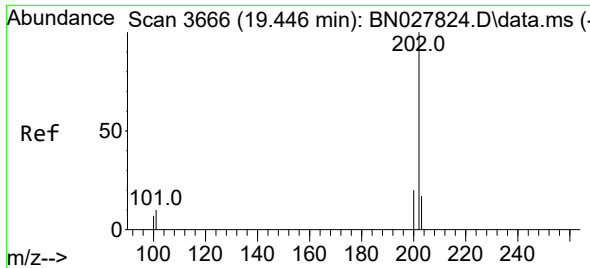


#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38



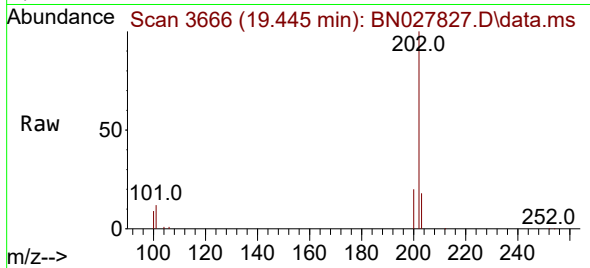
Tgt Ion:178 Resp: 4132
Ion Ratio Lower Upper
178 100
179 22.9 12.6 19.0#
176 22.4 15.5 23.3





#19
Fluoranthene
Concen: 0.851 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

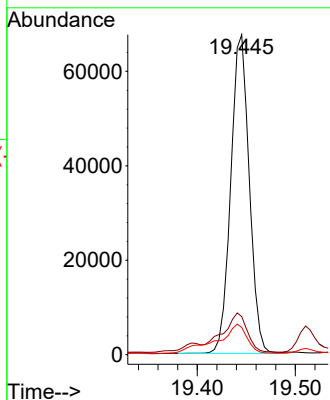
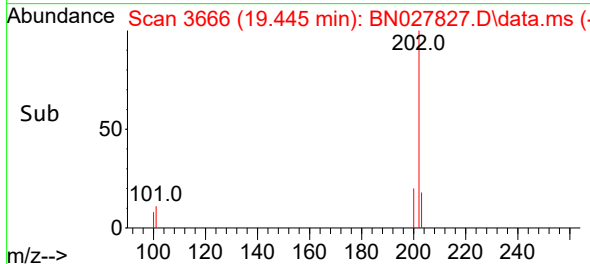
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:202 Resp: 8838
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 8.5 7.0 10.4

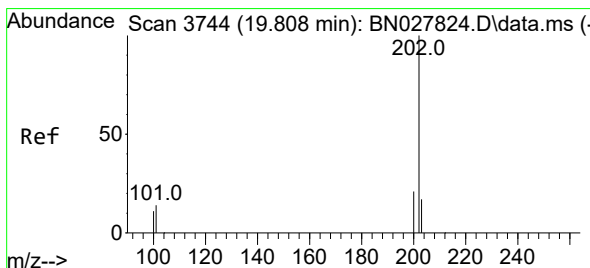
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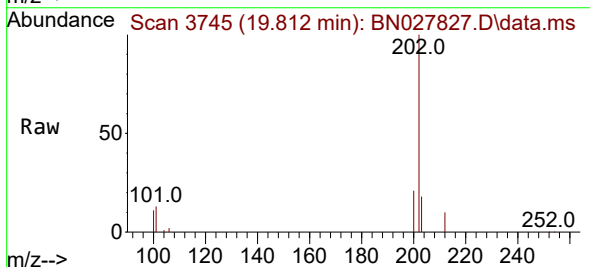


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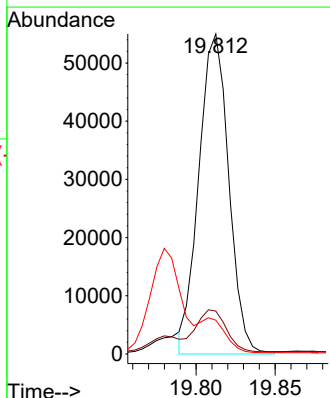
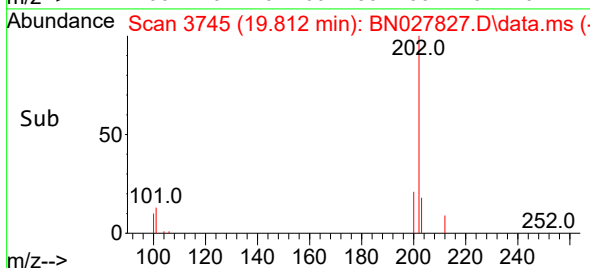
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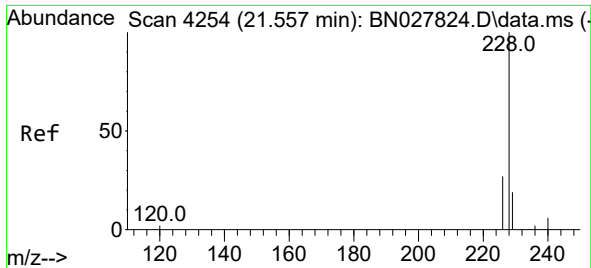


#20
Pyrene
Concen: 0.676 ng/ul m
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38



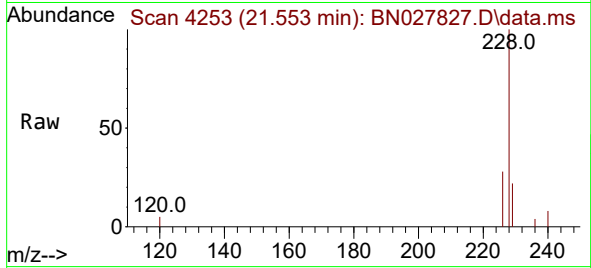
Tgt Ion:202 Resp: 72308
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.553 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

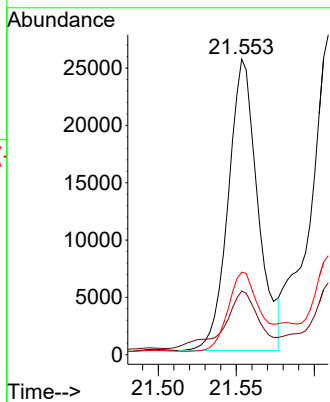
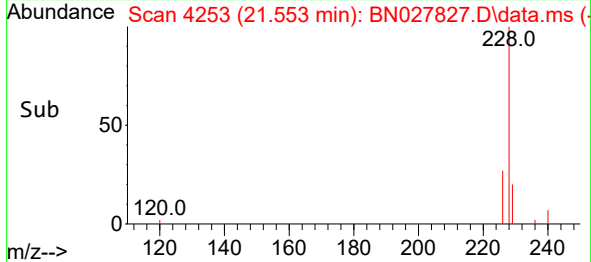
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:228 Resp: 3349
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 28.0 22.0 33.0

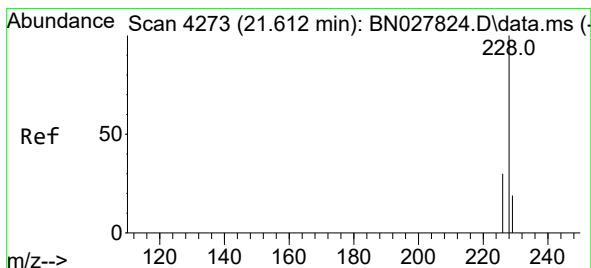
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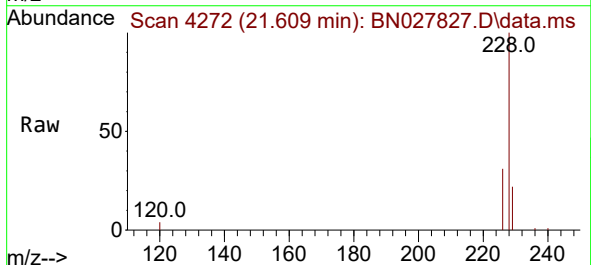


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ahmed

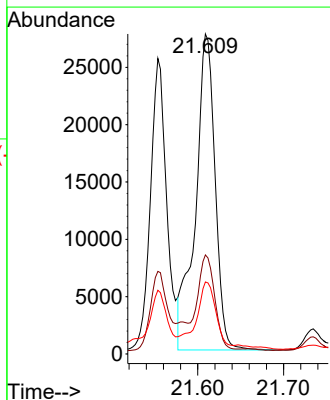
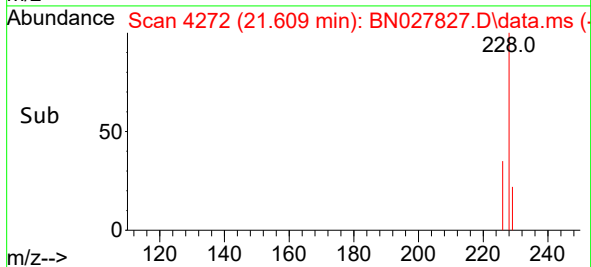
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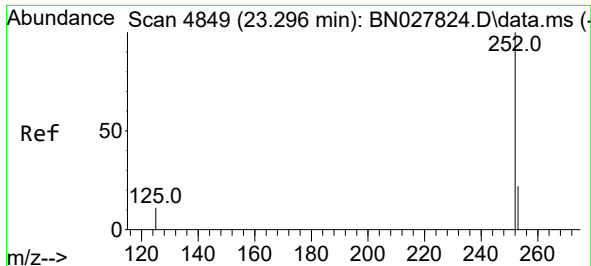


#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38



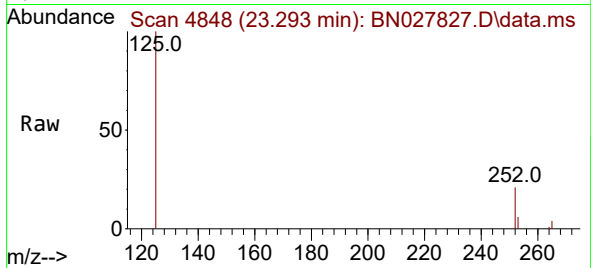
Tgt Ion:228 Resp: 43878
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.578 ng/ul m
RT: 23.293 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

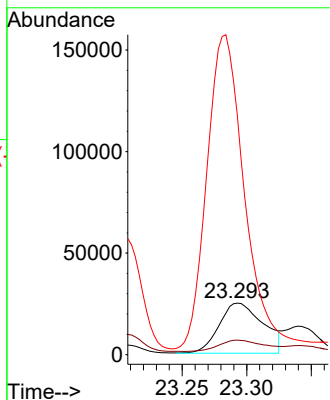
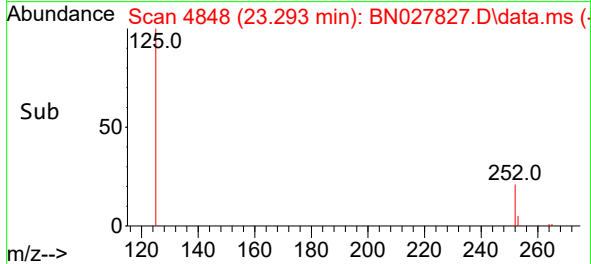
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:252 Resp: 58580
Ion Ratio Lower Upper
252 100
253 28.2 0.0 50.2
125 466.2 0.0 31.4

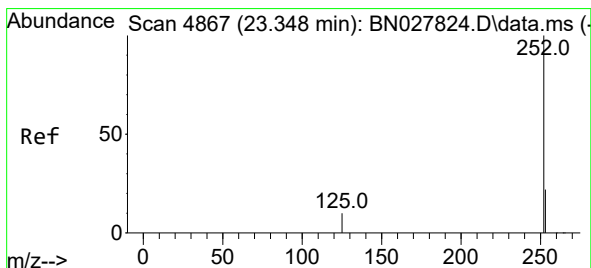
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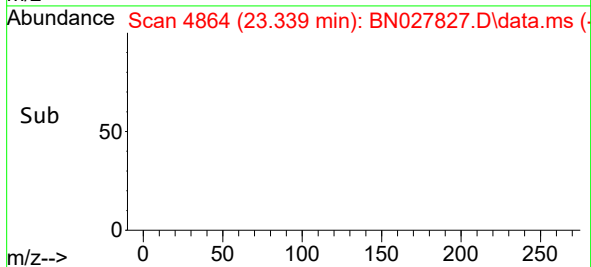
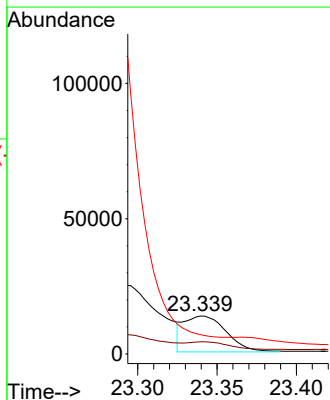
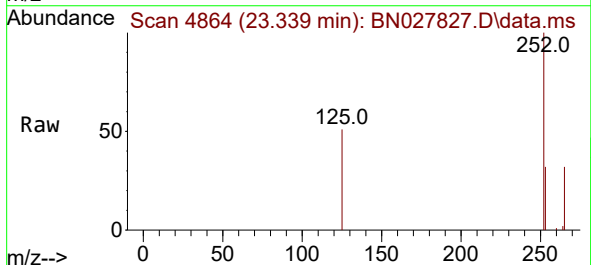
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ahmed

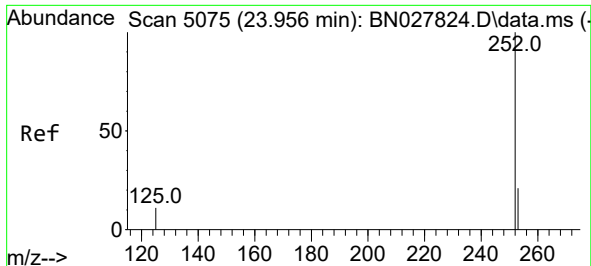
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#25
Benzo(k)fluoranthene
Concen: 0.251 ng/ul m
RT: 23.339 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

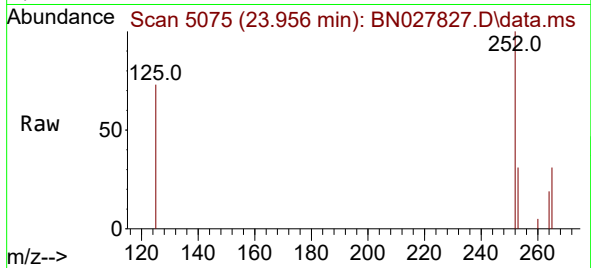
Tgt Ion:252 Resp: 24674
Ion Ratio Lower Upper
252 100
253 32.3 19.9 29.9#
125 51.1 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

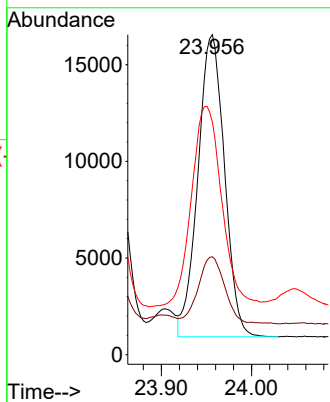
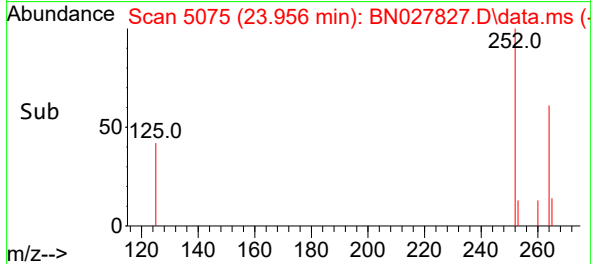
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:252 Resp: 3199
Ion Ratio Lower Upper
252 100
253 30.6 21.9 32.9
125 72.8 15.5 23.3

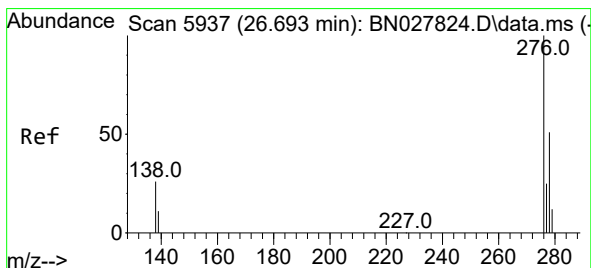
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

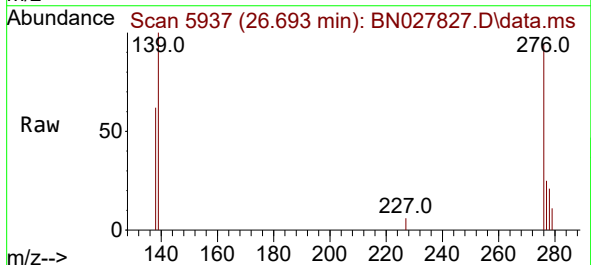


09/25/2023
Supervised By :mohammad
ahmed

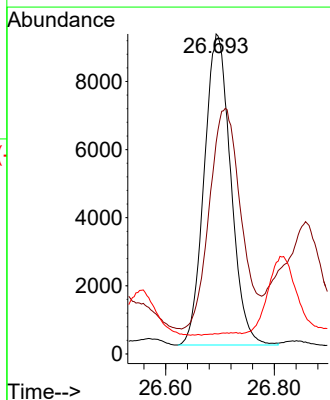
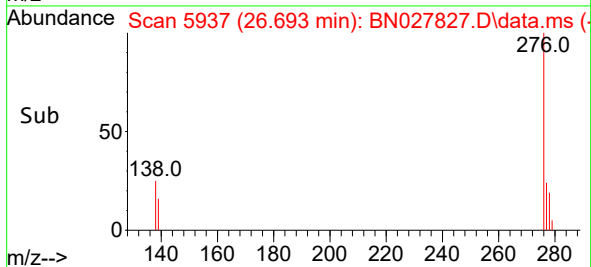
09/25/2023

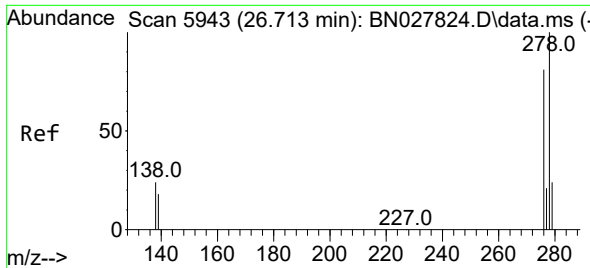


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.693 min Scan# 5937
Delta R.T. 0.010 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38



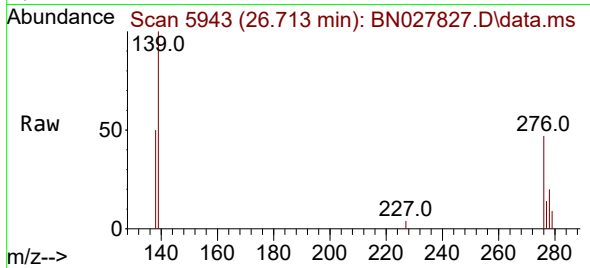
Tgt Ion:276 Resp: 30884
Ion Ratio Lower Upper
276 100
138 85.3 24.3 36.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 26.713 min Scan# 5943
Delta R.T. 0.007 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38

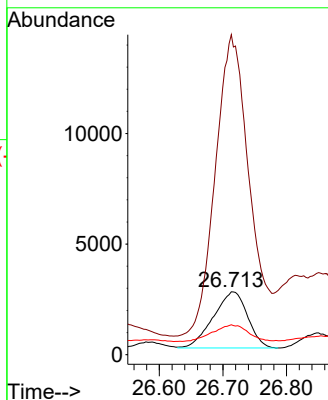
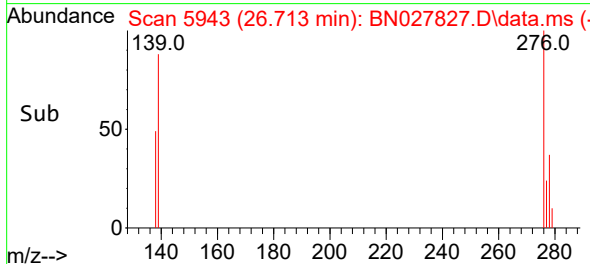
Instrument :
BNA_N
ClientSampleId :
C0AA0



Tgt Ion:278 Resp: 9500
Ion Ratio Lower Upper
278 100
139 508.7 17.2 25.8
279 47.5 21.4 32.0

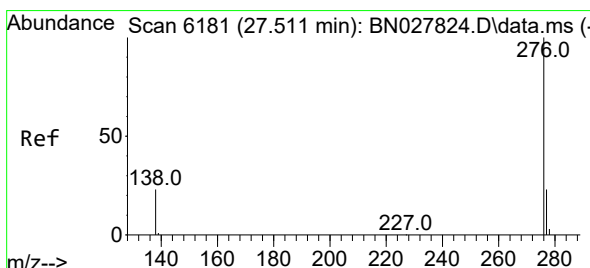
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

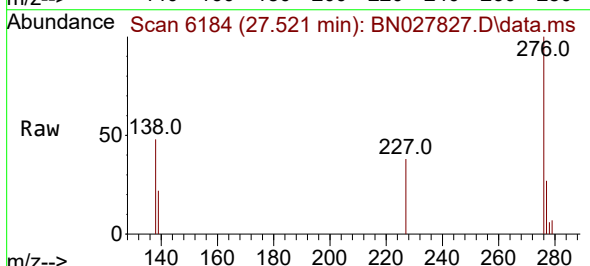


09/25/2023
Supervised By :mohammad
ahmed

09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.521 min Scan# 6184
Delta R.T. 0.017 min
Lab File: BN027827.D
Acq: 22 Sep 2023 16:38



Tgt Ion:276 Resp: 33239
Ion Ratio Lower Upper
276 100
138 47.7 21.7 32.5
277 26.8 20.2 30.2

