

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022282.D
 Acq On : 22 Oct 2022 08:51
 Operator : CG/JU
 Sample : N5064-16DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 12:09:51 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Oct 22 03:40:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	5391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	18408	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	10189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	19701	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10960	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	8780	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	7695	1.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	1866	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	3053	0.083	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.340	152	2067	0.045	ng/ul#	90
15) Phenanthrene	17.415	178	9563	0.145	ng/ul	99
16) Anthracene	17.508	178	1526	0.027	ng/ul#	86
19) Fluoranthene	19.438	202	13706	0.273	ng/ul	100
20) Pyrene	19.801	202	11943	0.237	ng/ul	99
21) Benzo(a)anthracene	21.559	228	4491	0.109	ng/ul	93
22) Chrysene	21.611	228	5418	0.124	ng/ul	95
24) Benzo(b)fluoranthene	23.280	252	6542m	0.148	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	2374m	0.055	ng/ul	
26) Benzo(a)pyrene	23.920	252	3777	0.107	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.612	276	3002	0.069	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.632	278	832	0.024	ng/ul#	29
29) Benzo(g,h,i)perylene	27.407	276	2201	0.062	ng/ul#	84

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

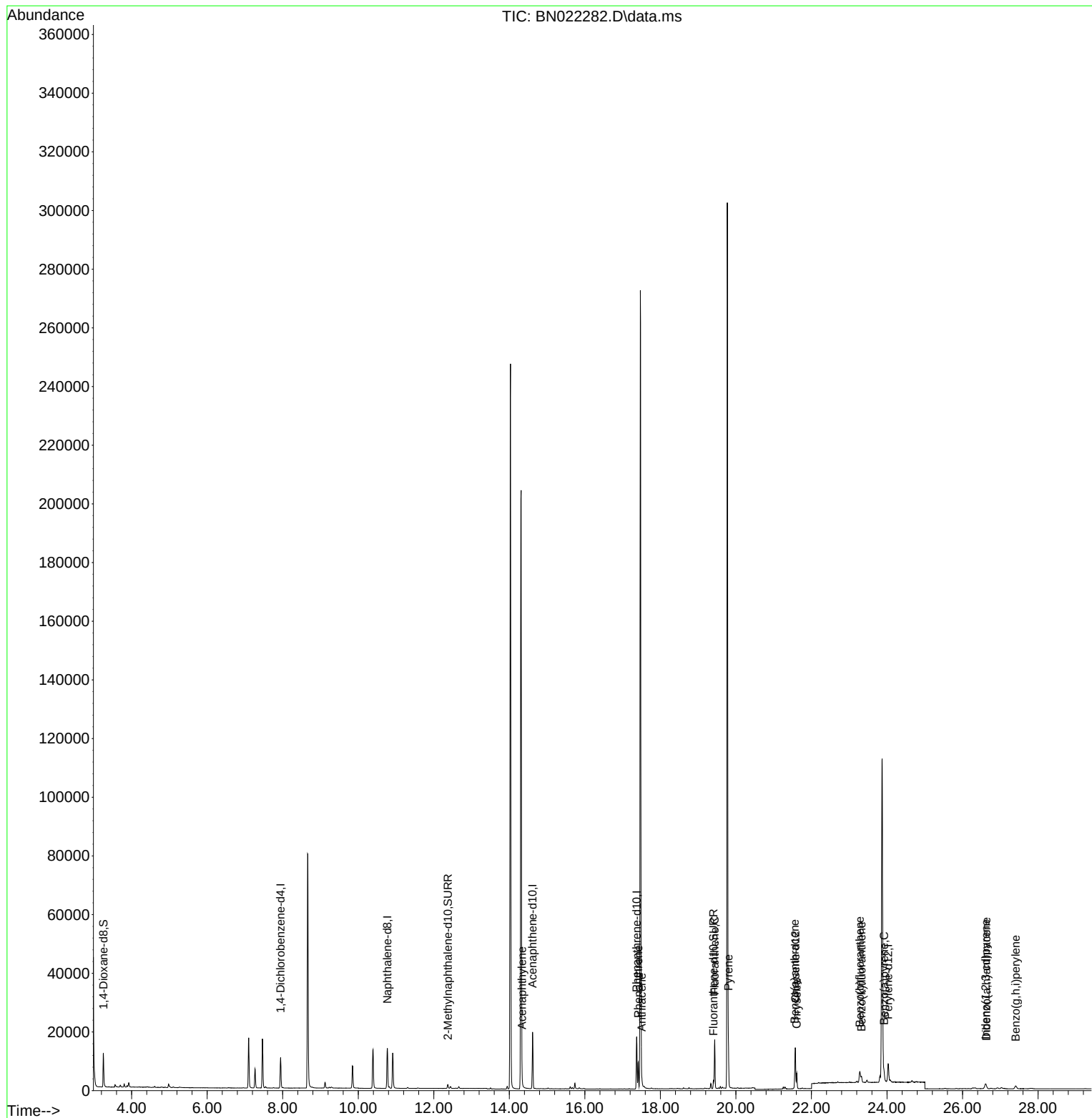
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022282.D
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ALS Vial : 39 Sample Multiplier: 1

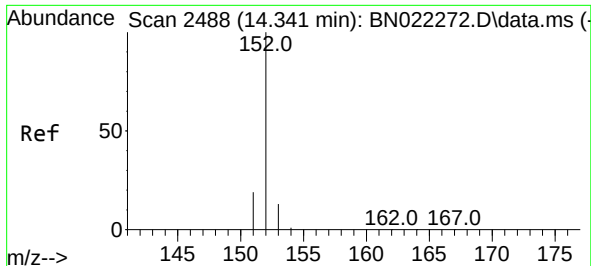
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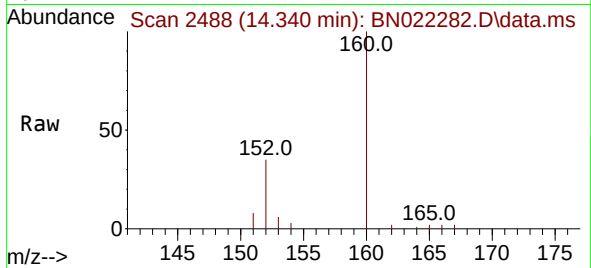
Quant Time: Oct 22 12:09:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
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#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

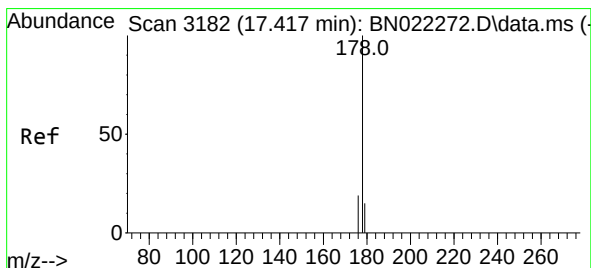
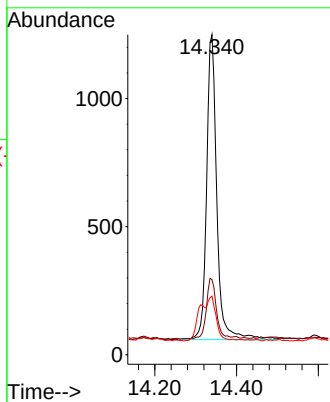
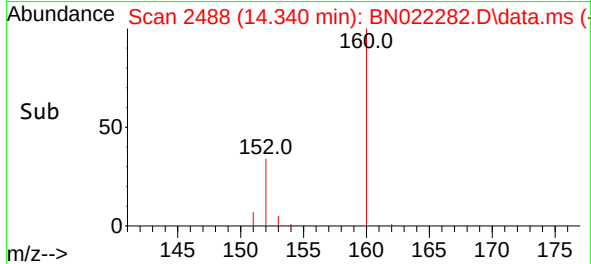
Instrument :
BNA_N
ClientSampleId :
C0BN5DL



Tgt Ion:152 Resp: 206
Ion Ratio Lower Upper
152 100
151 23.5 15.9 23.9
153 18.3 10.8 16.2

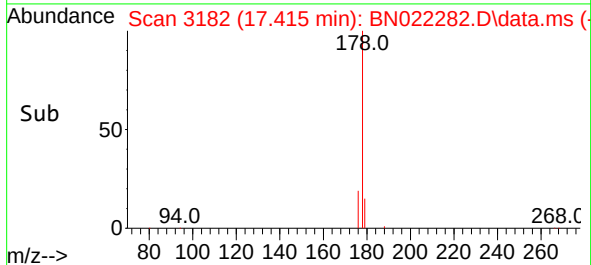
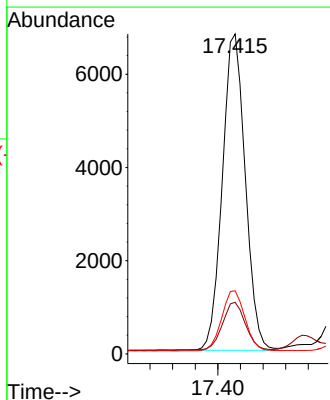
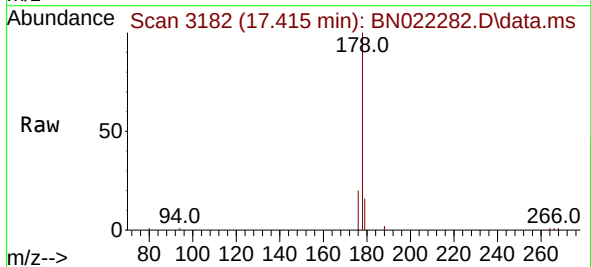
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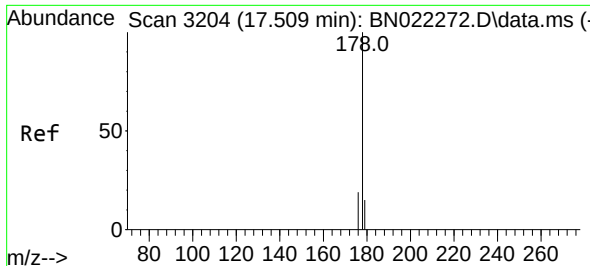
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.415 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

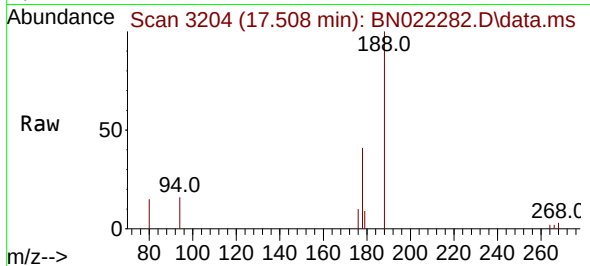
Tgt Ion:178 Resp: 9563
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.7 15.4 23.2





#16
 Anthracene
 Concen: 0.027 ng/ul
 RT: 17.508 min Scan# 3204
 Delta R.T. -0.001 min
 Lab File: BN022282.D
 Acq: 22 Oct 2022 08:51

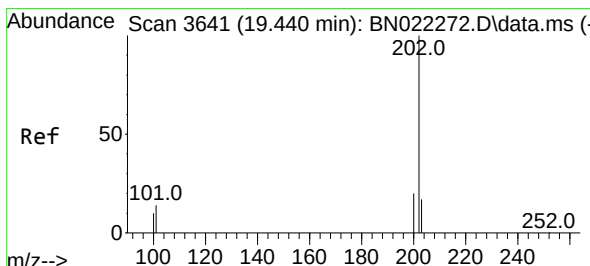
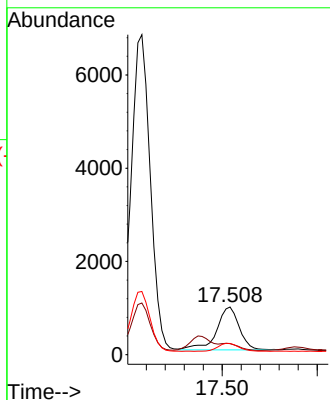
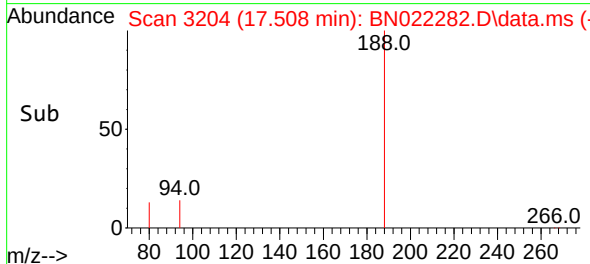
Instrument :
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 ClientSampleId :
 C0BN5DL



Tgt Ion:178 Resp: 1520
 Ion Ratio Lower Upper
 178 100
 179 23.3 12.6 18.8
 176 23.5 15.0 22.6

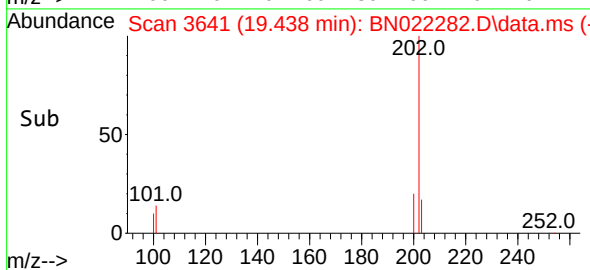
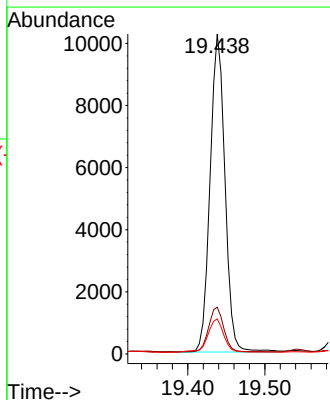
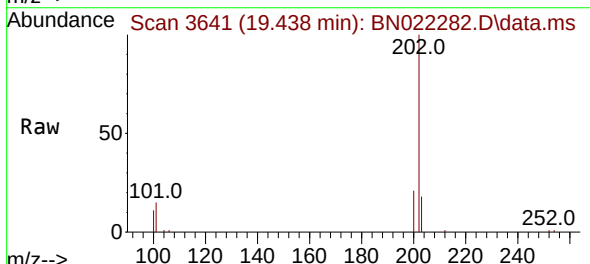
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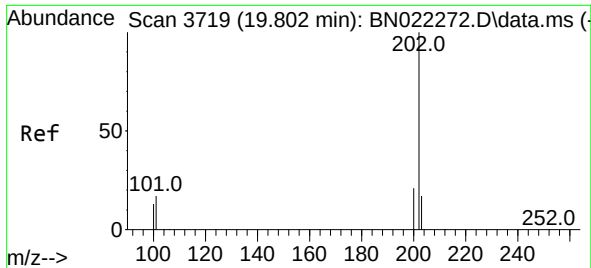
Reviewed By :Jagrut Upadhyay 10/24/2022
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#19
 Fluoranthene
 Concen: 0.273 ng/ul
 RT: 19.438 min Scan# 3641
 Delta R.T. -0.002 min
 Lab File: BN022282.D
 Acq: 22 Oct 2022 08:51

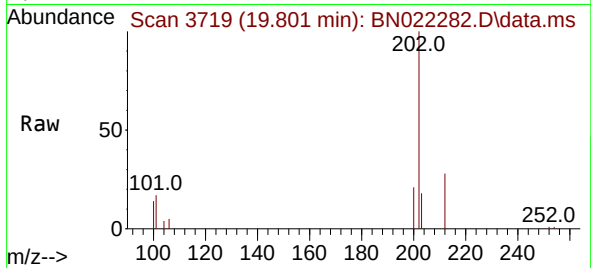
Tgt Ion:202 Resp: 13706
 Ion Ratio Lower Upper
 202 100
 101 14.6 11.8 17.6
 100 10.9 8.7 13.1





#20
Pyrene
Concen: 0.237 ng/u1
RT: 19.801 min Scan# 3719
Delta R.T. -0.002 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

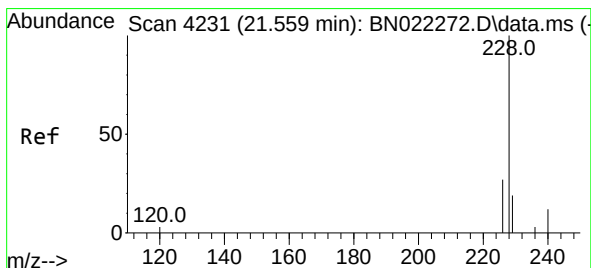
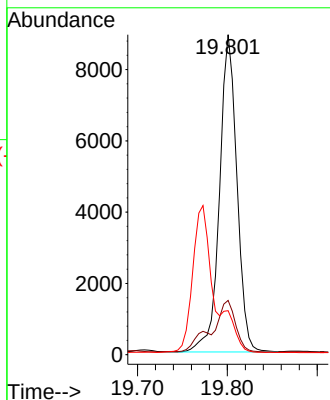
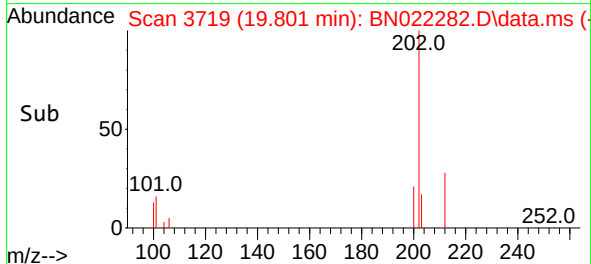
Instrument :
BNA_N
ClientSampleId :
C0BN5DL



Tgt Ion:202 Resp: 1194
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.7 10.6 16.0

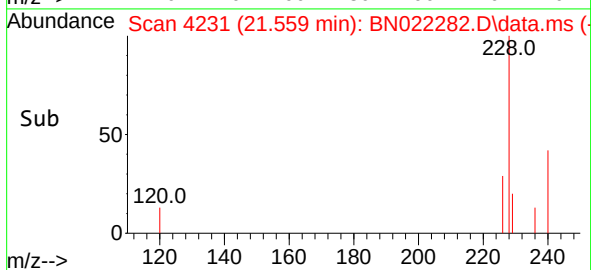
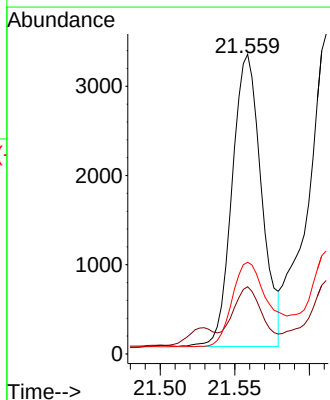
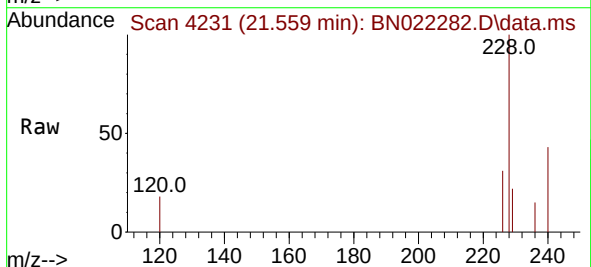
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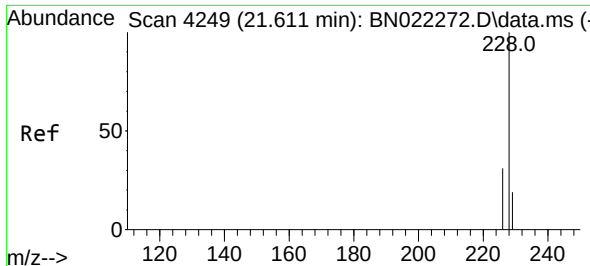
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#21
Benzo(a)anthracene
Concen: 0.109 ng/u1
RT: 21.559 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

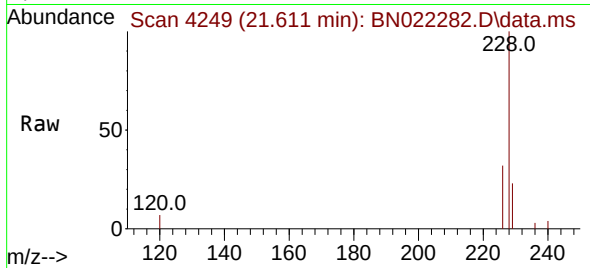
Tgt Ion:228 Resp: 4491
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 30.6 21.5 32.3





#22
Chrysene
Concen: 0.124 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. 0.000 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

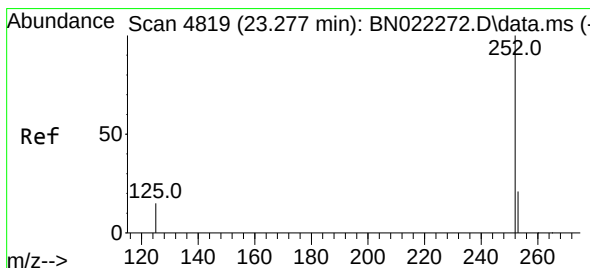
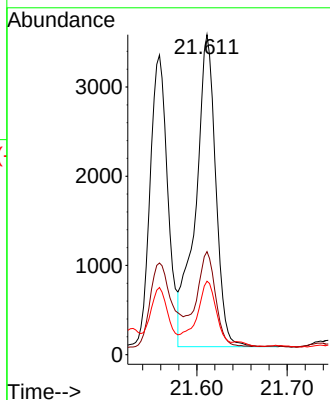
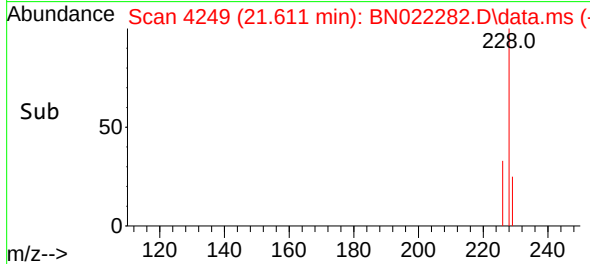
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ClientSampleId :
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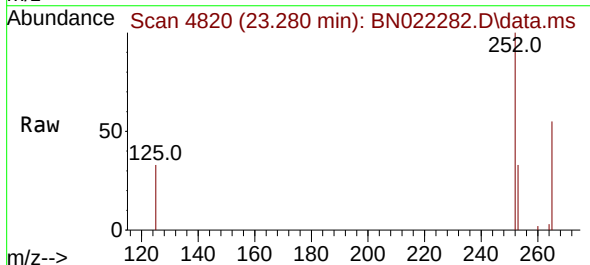
Tgt Ion:228 Resp: 5418
Ion Ratio Lower Upper
228 100
226 32.2 23.9 35.9
229 22.9 15.9 23.9

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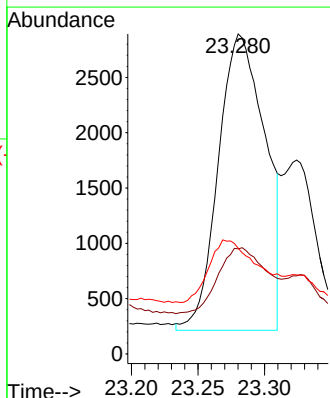
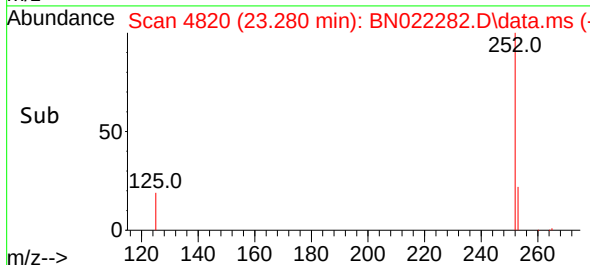
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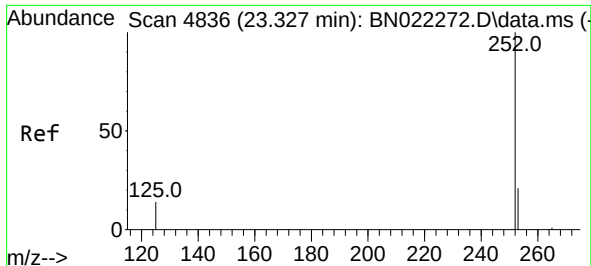


#24
Benzo(b)fluoranthene
Concen: 0.148 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51



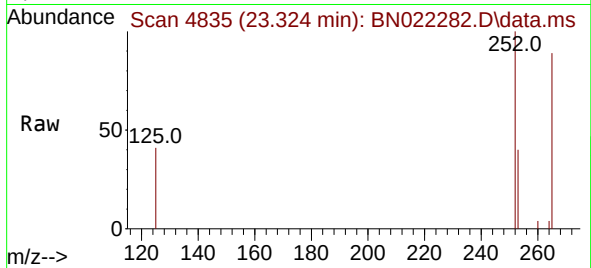
Tgt Ion:252 Resp: 6542
Ion Ratio Lower Upper
252 100
253 32.8 0.0 49.0
125 33.0 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.324 min Scan# 4836
Delta R.T. -0.003 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

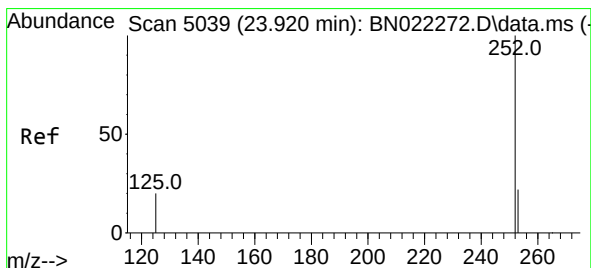
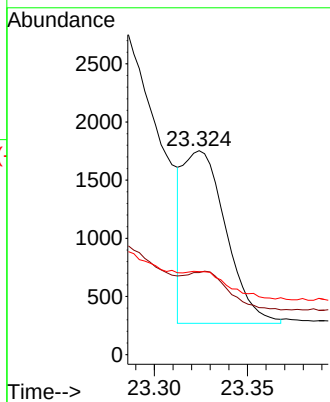
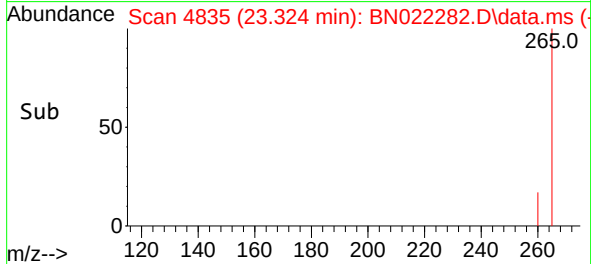
Instrument :
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ClientSampleId :
C0BN5DL



Tgt Ion:252 Resp: 2374
Ion Ratio Lower Upper
252 100
253 40.3 19.7 29.5#
125 40.7 14.0 21.0#

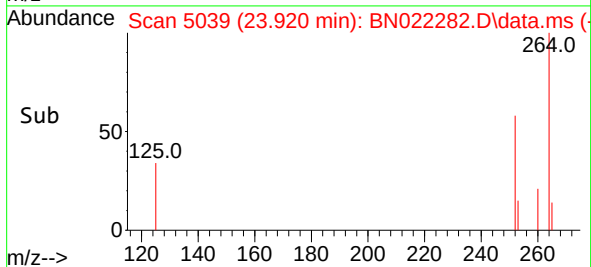
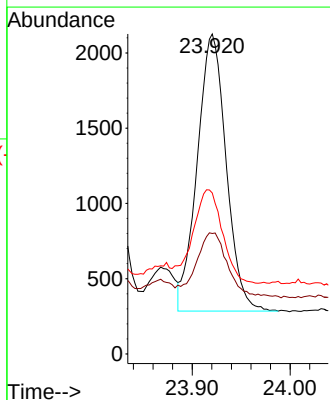
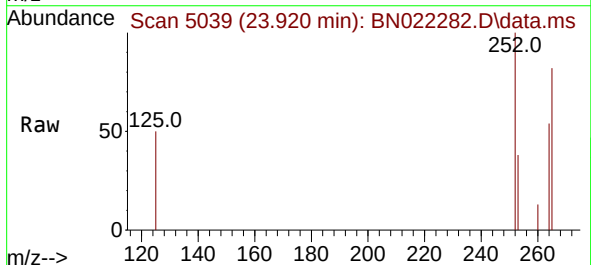
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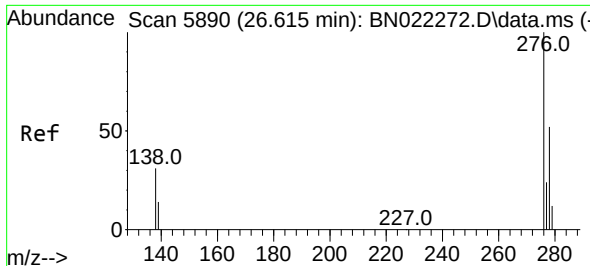
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. 0.000 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

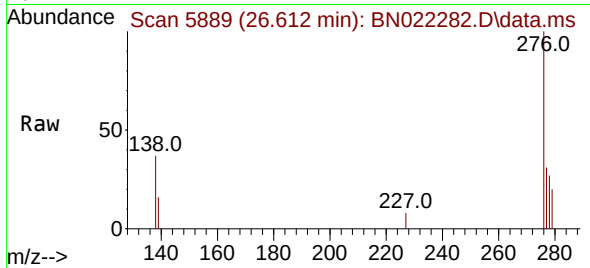
Tgt Ion:252 Resp: 3777
Ion Ratio Lower Upper
252 100
253 37.6 21.0 31.6#
125 50.3 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

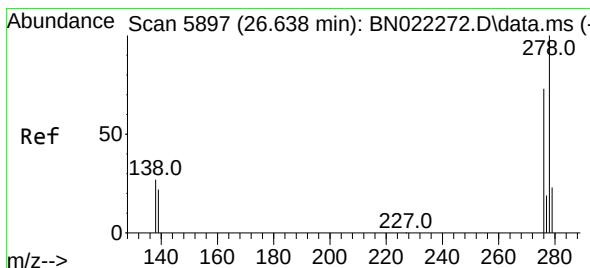
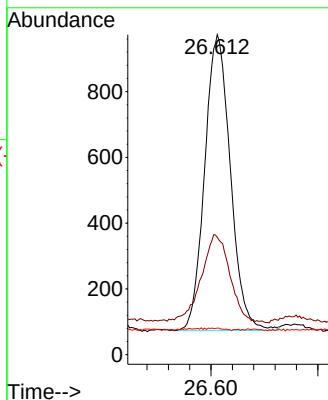
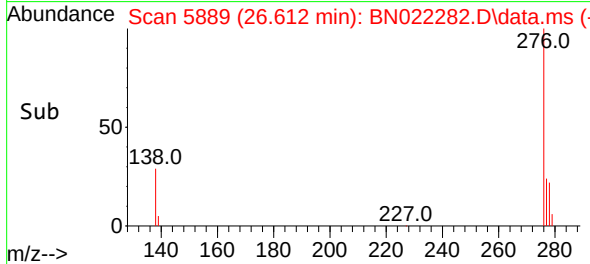
Instrument :
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C0BN5DL



Tgt Ion:276 Resp: 300
Ion Ratio Lower Upper
276 100
138 33.3 27.7 41.5
227 0.5 0.2 0.2

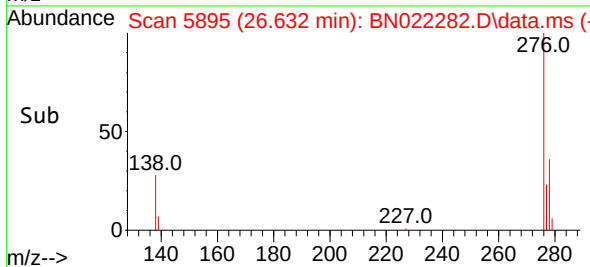
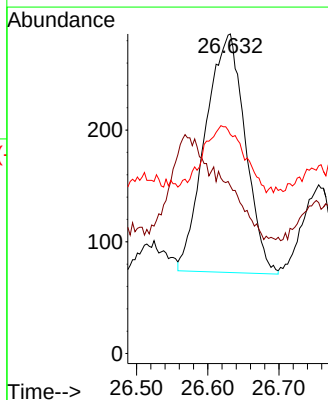
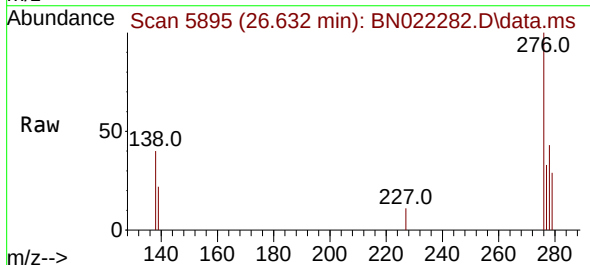
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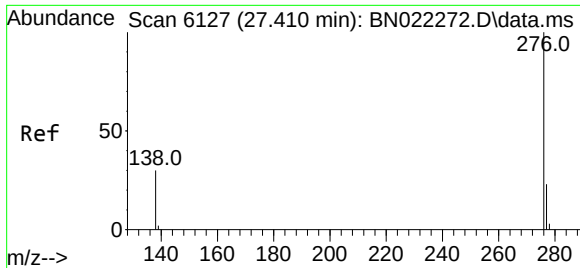
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.632 min Scan# 5895
Delta R.T. -0.007 min
Lab File: BN022282.D
Acq: 22 Oct 2022 08:51

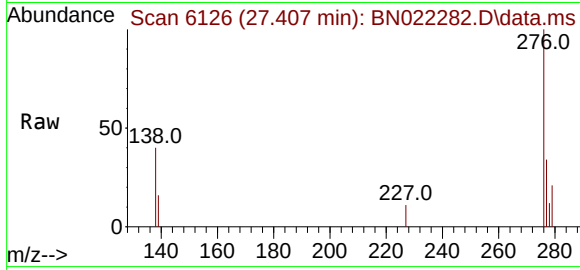
Tgt Ion:278 Resp: 832
Ion Ratio Lower Upper
278 100
139 52.4 19.6 29.4#
279 68.5 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.062 ng/ul
 RT: 27.407 min Scan# 6126
 Delta R.T. -0.003 min
 Lab File: BN022282.D
 Acq: 22 Oct 2022 08:51

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 220
 Ion Ratio Lower Upper
 276 100
 138 40.1 25.2 37.8
 277 33.6 19.9 29.9

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 Supervised By : mohammad ahmed 10/24/2022

