

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022463.D
 Acq On : 02 Nov 2022 13:32
 Operator : CG/JU
 Sample : N5234-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-06-20-40DL

Manual Integrations
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Reviewed By :Christian
 Giraldo

Quant Time: Nov 02 15:15:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							11/03/2022
1) 1,4-Dichlorobenzene-d4	7.928	152	3029	0.400	ng	0.00	Supervised By :mohammad
7) Naphthalene-d8	10.752	136	11096	0.400	ng	# 0.00	Ammed
13) Acenaphthene-d10	14.589	164	5422	0.400	ng	0.00	
19) Phenanthrene-d10	17.350	188	8844	0.400	ng	# 0.00	
29) Chrysene-d12	21.555	240	7629	0.400	ng	0.00	
35) Perylene-d12	23.999	264	7489	0.400	ng	0.00	11/07/2022
System Monitoring Compounds							
4) 2-Fluorophenol	5.458	112	641	0.079	ng	0.00	
5) Phenol-d6	7.105	99	1503	0.149	ng	0.01	
8) Nitrobenzene-d5	9.065	82	4858	0.506	ng	-0.04	
11) 2-Methylnaphthalene-d10	12.346	152	1007	0.058	ng	0.00	
14) 2,4,6-Tribromophenol	16.096	330	103	0.044	ng	0.00	
15) 2-Fluorobiphenyl	13.221	172	1037m	0.045	ng	0.00	
27) Fluoranthene-d10	19.390	212	907	0.037	ng	0.00	
31) Terphenyl-d14	19.985	244	959	0.048	ng	0.00	
Target Compounds							Qvalue
9) Naphthalene	10.795	128	40982	1.235	ng	# 80	
16) Acenaphthylene	14.311	152	19420	0.739	ng	# 78	
17) Acenaphthene	14.653	154	3277	0.183	ng	# 51	
18) Fluorene	15.648	166	12386	0.496	ng	# 87	
25) Phenanthrene	17.387	178	78451	2.587	ng	100	
26) Anthracene	17.487	178	23891	0.935	ng	97	
28) Fluoranthene	19.420	202	70995	2.159	ng	99	
30) Pyrene	19.782	202	80864	2.303	ng	97	
32) Benzo(a)anthracene	21.537	228	43686	1.455	ng	94	
33) Chrysene	21.591	228	38613	1.230	ng	96	
36) Indeno(1,2,3-cd)pyrene	26.561	276	23344	0.631	ng	95	
37) Benzo(b)fluoranthene	23.251	252	44966	1.312	ng	99	
38) Benzo(k)fluoranthene	23.292	252	15744m	0.462	ng		
39) Benzo(a)pyrene	23.888	252	42173m	1.512	ng		
40) Dibenzo(a,h)anthracene	26.572	278	6935	0.240	ng	# 75	
41) Benzo(g,h,i)perylene	27.359	276	23675	0.777	ng	98	

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

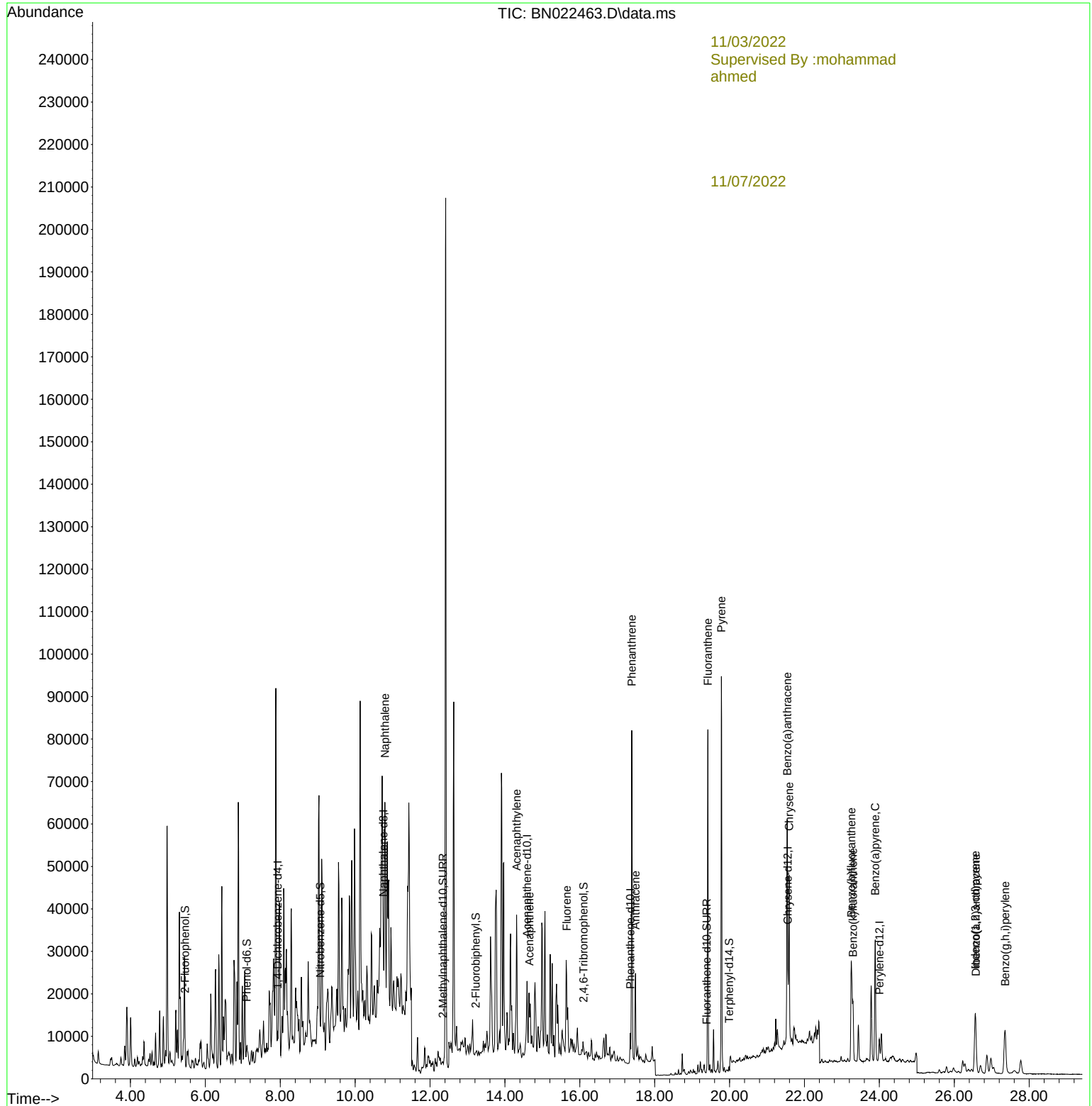
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Data File : BN022463.D
Acq On : 02 Nov 2022 13:32
Operator : CG/JU
Sample : N5234-07DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

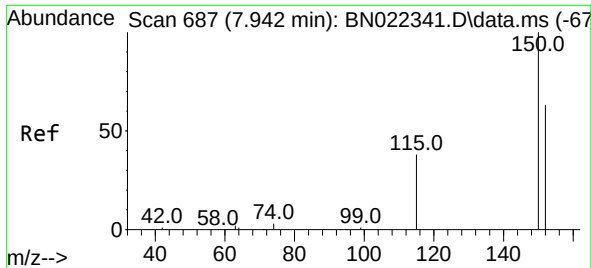
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL

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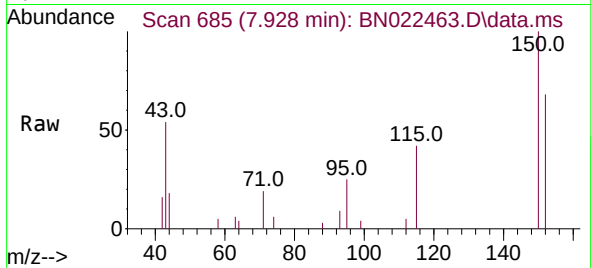
Quant Time: Nov 02 15:15:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 687
Delta R.T. -0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

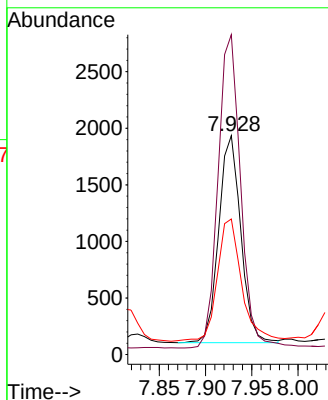
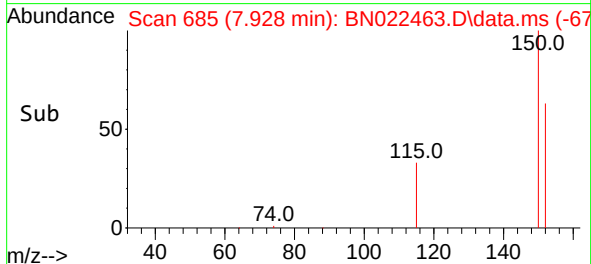
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL



Tgt Ion:152 Resp: 3029
Ion Ratio Lower Upper
152 100
150 146.1 125.2 187.8
115 61.9 52.0 78.0

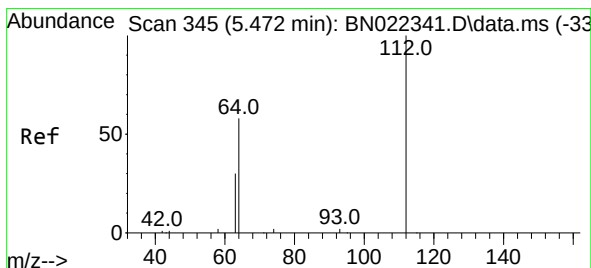
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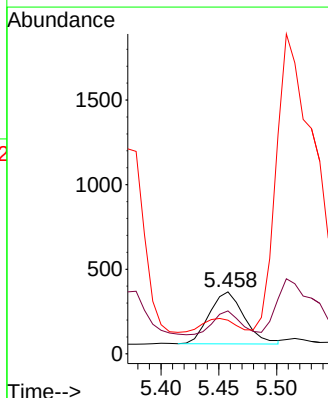
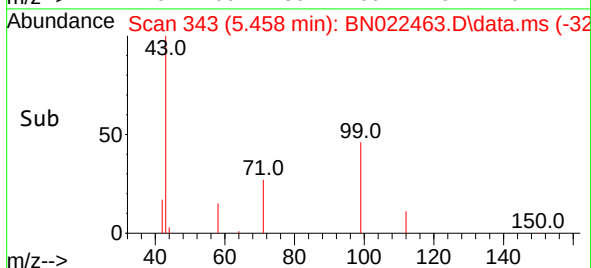
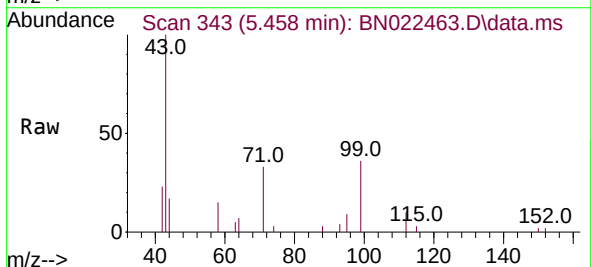
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ahmed

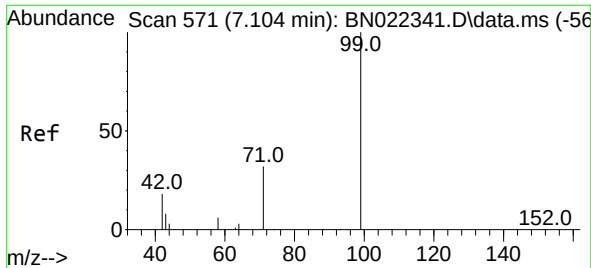
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#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.458 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

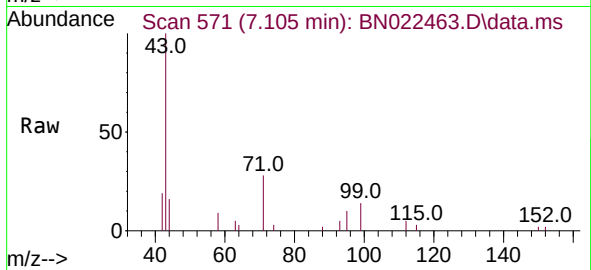
Tgt Ion:112 Resp: 641
Ion Ratio Lower Upper
112 100
64 38.1 47.0 70.4#
63 25.3 24.5 36.7





#5
Phenol-d6
Concen: 0.149 ng
RT: 7.105 min Scan# 571
Delta R.T. 0.015 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

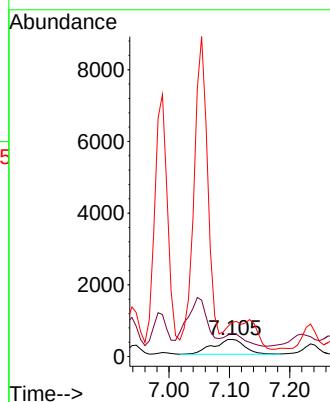
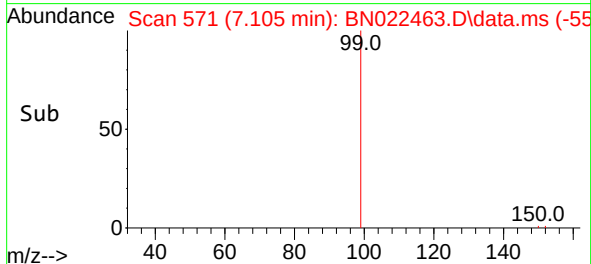
Instrument :
BNA_N
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Tgt Ion: 99 Resp: 1503
Ion Ratio Lower Upper
99 100
42 52.4 16.3 24.5#
71 26.2 26.1 39.1

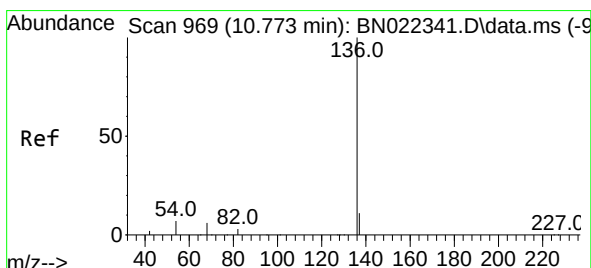
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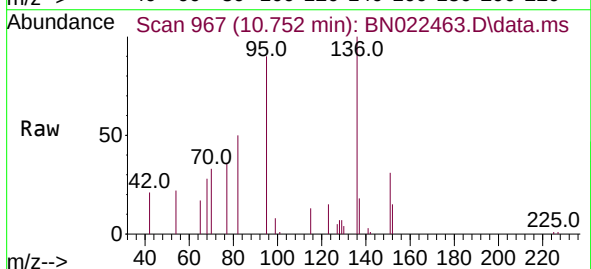


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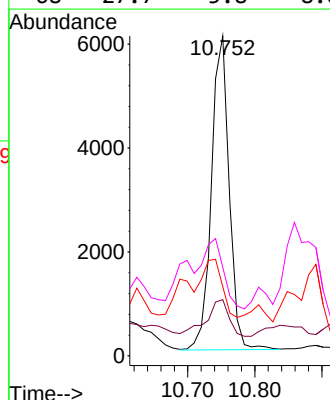
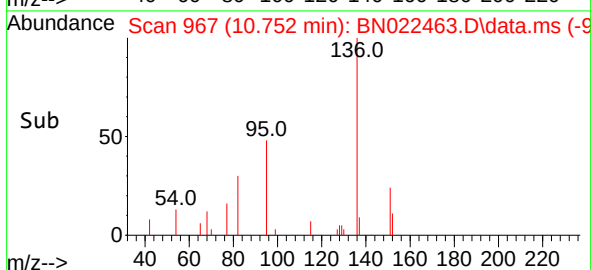
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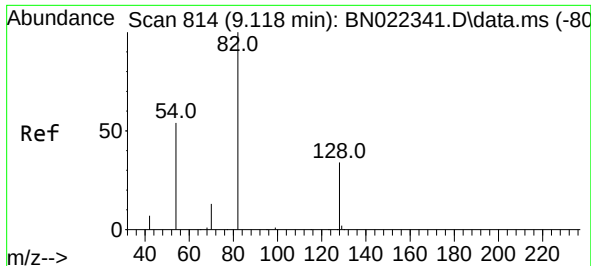


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



Tgt Ion:136 Resp: 11096
Ion Ratio Lower Upper
136 100
137 17.6 9.4 14.2#
54 21.6 6.5 9.7#
68 27.7 5.8 8.8#





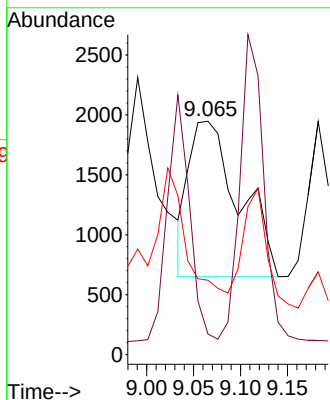
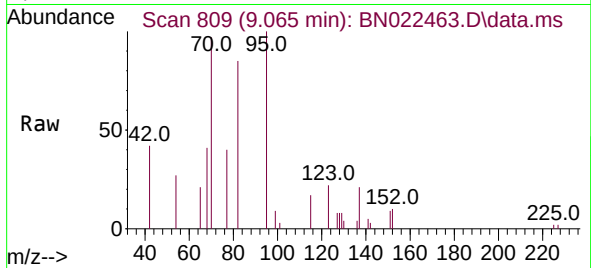
#8
Nitrobenzene-d5
Concen: 0.506 ng
RT: 9.065 min Scan# 809
Delta R.T. -0.043 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

Instrument : BNA_N
ClientSampleId : LSP-SS-06-20-40DL

Tgt Ion: 82 Resp: 4858
Ion Ratio Lower Upper
82 100
128 8.8 30.5 45.7
54 31.8 45.2 67.8

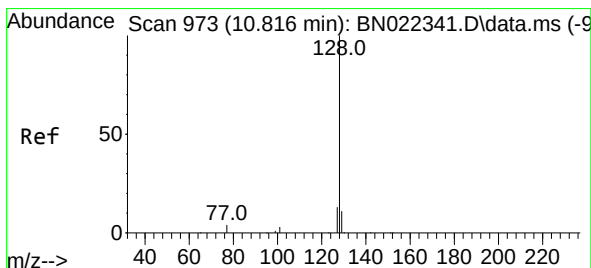
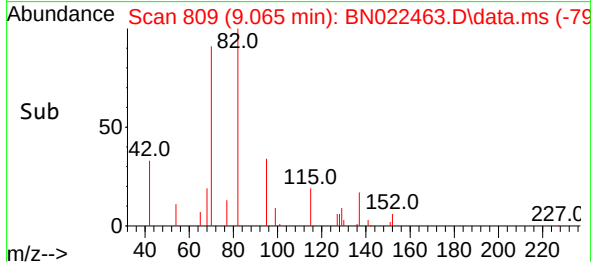
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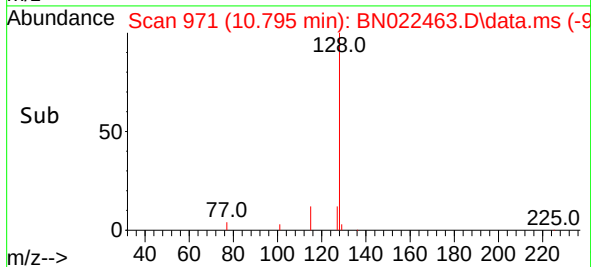
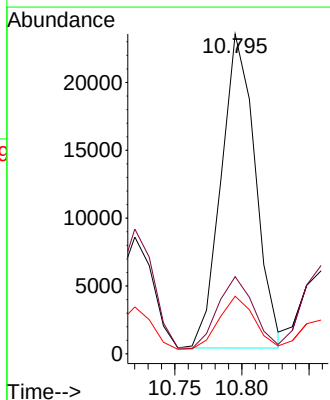
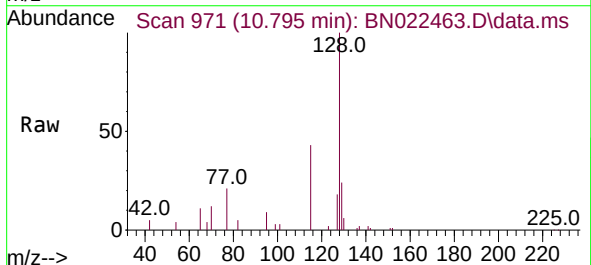
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ahmed

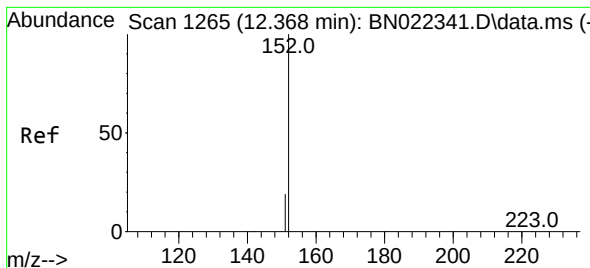
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#9
Naphthalene
Concen: 1.235 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

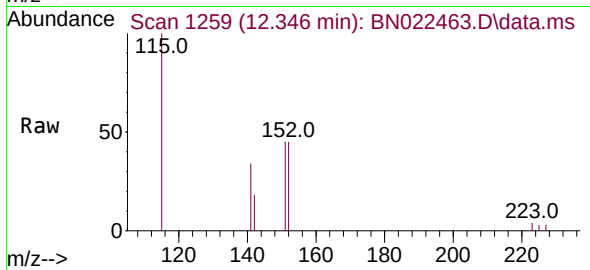
Tgt Ion:128 Resp: 40982
Ion Ratio Lower Upper
128 100
129 24.1 9.4 14.2#
127 18.0 11.0 16.6#





#11
2-Methylnaphthalene-d10
Concen: 0.058 ng
RT: 12.346 min Scan# 1259
Delta R.T. -0.004 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

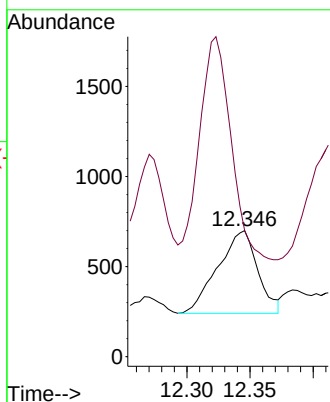
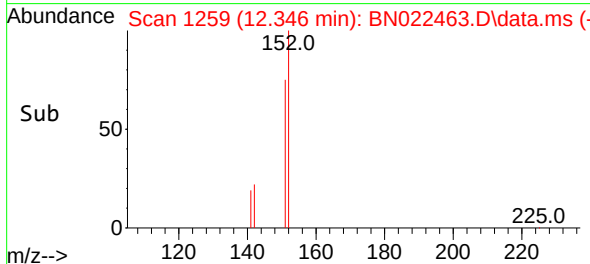
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL



Tgt Ion:152 Resp: 100
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1

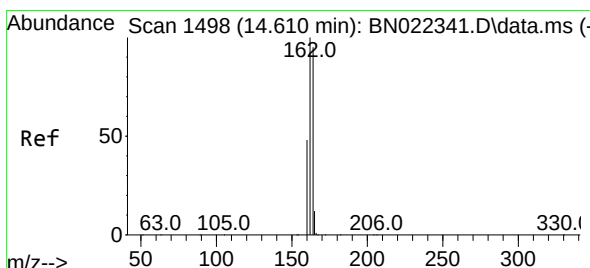
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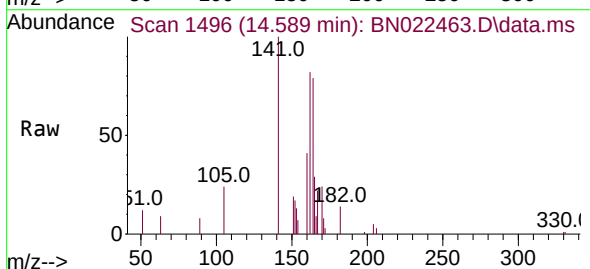


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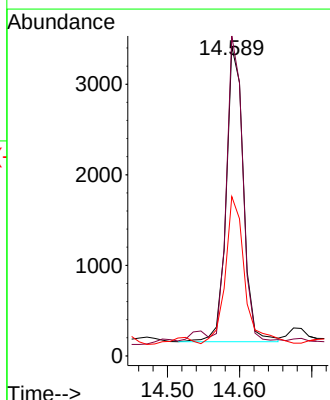
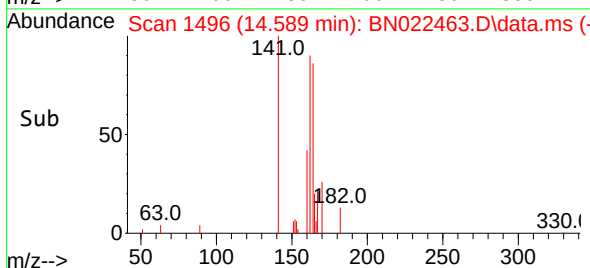
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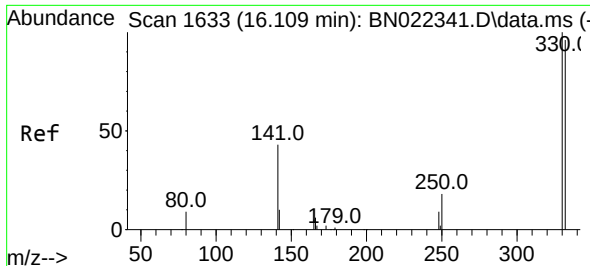


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.589 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



Tgt Ion:164 Resp: 5422
Ion Ratio Lower Upper
164 100
162 103.5 83.9 125.9
160 51.5 41.0 61.4





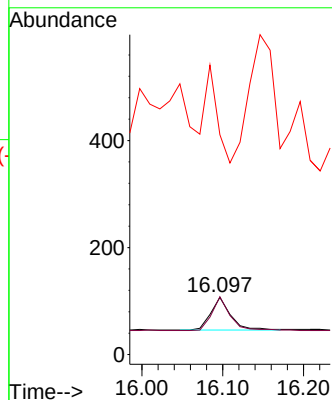
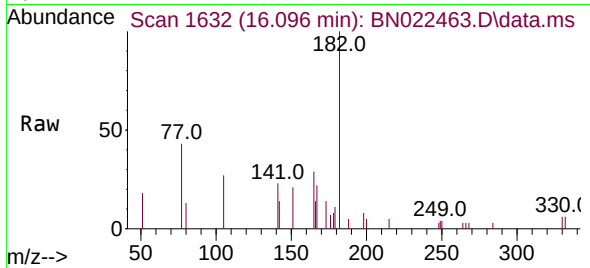
#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 16.096 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL

Tgt Ion:330 Resp: 103
Ion Ratio Lower Upper
330 100
332 96.1 78.6 118.0
141 0.0 40.2 60.4

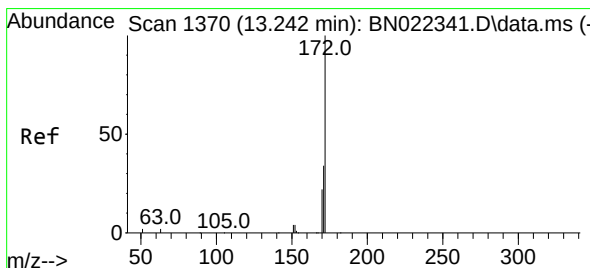
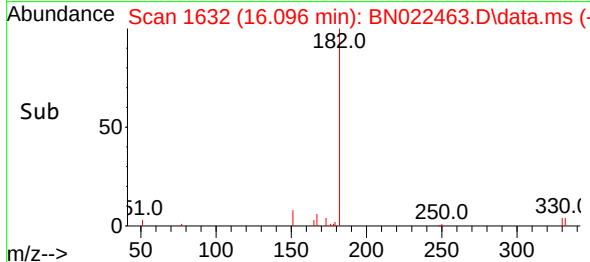
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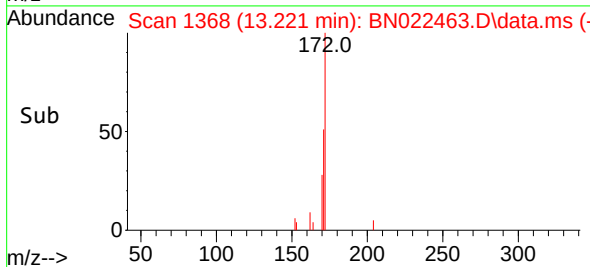
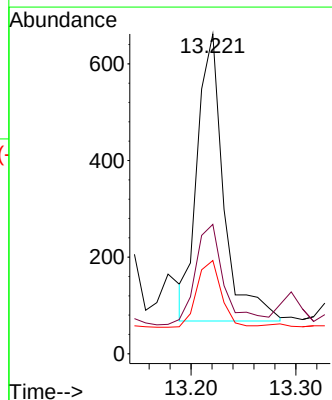
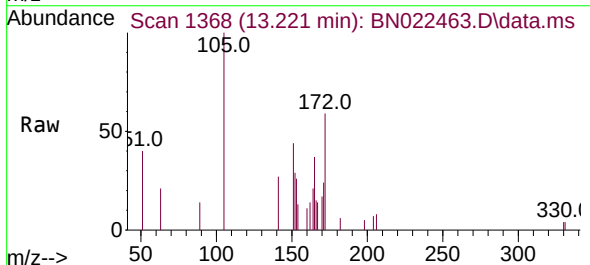
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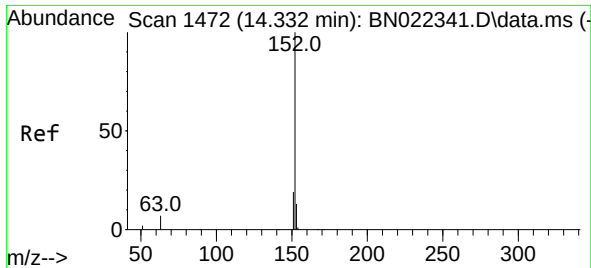
11/07/2022



#15
2-Fluorobiphenyl
Concen: 0.045 ng m
RT: 13.221 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

Tgt Ion:172 Resp: 1037
Ion Ratio Lower Upper
172 100
171 40.5 27.4 41.0
170 29.2 18.5 27.7





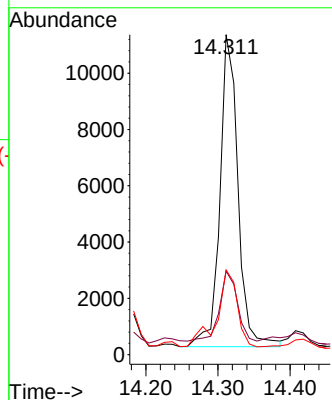
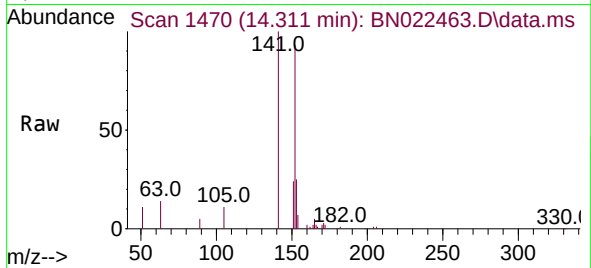
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Acenaphthylene
Concen: 0.739 ng
RT: 14.311 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL

Tgt Ion:152 Resp: 19420
Ion Ratio Lower Upper
152 100
151 24.4 15.2 22.8#
153 27.9 10.3 15.5#

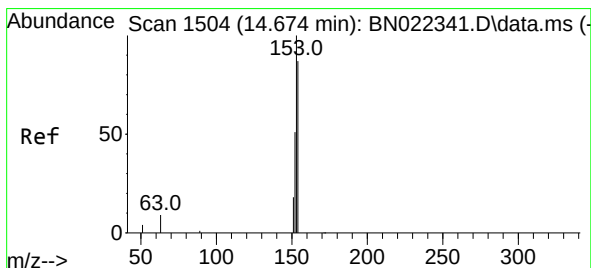
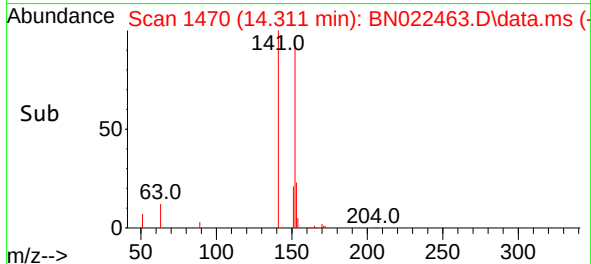
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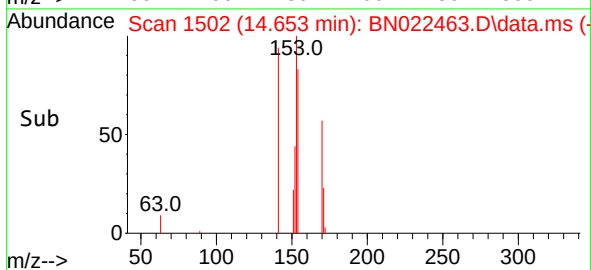
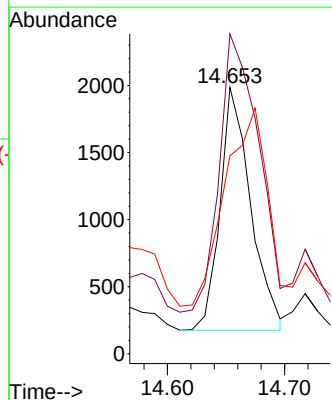
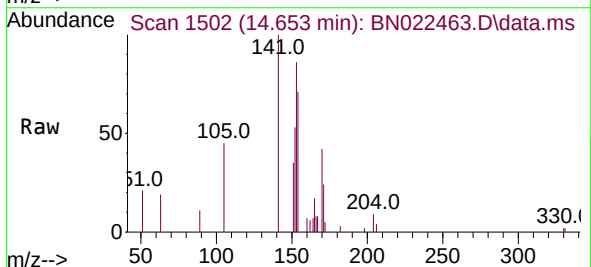
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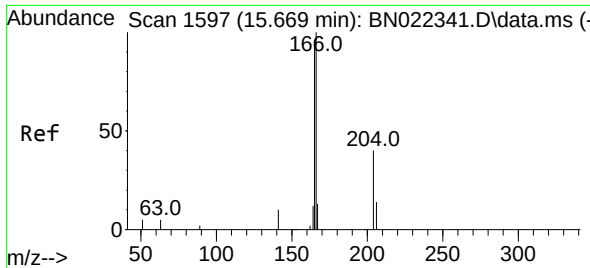
11/07/2022



#17
Acenaphthene
Concen: 0.183 ng
RT: 14.653 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

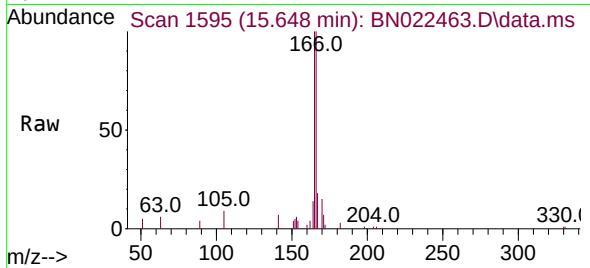
Tgt Ion:154 Resp: 3277
Ion Ratio Lower Upper
154 100
153 151.1 92.2 138.2#
152 0.0 47.6 71.4#





#18
Fluorene
Concen: 0.496 ng
RT: 15.648 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

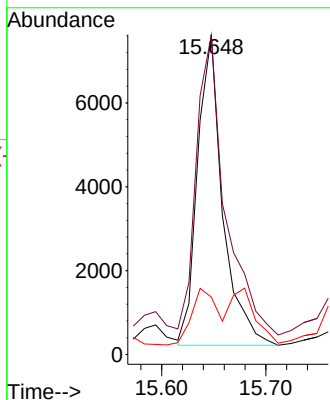
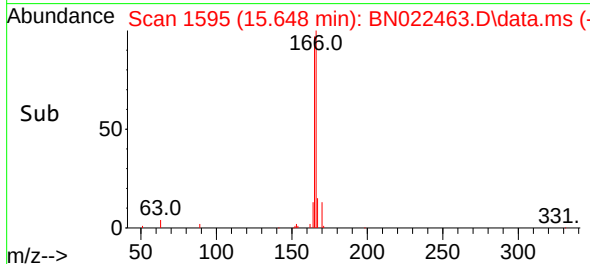
Instrument :
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LSP-SS-06-20-40DL



Tgt Ion:166 Resp: 12386
Ion Ratio Lower Upper
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165 111.3 78.6 118.0
167 18.9 10.2 15.4

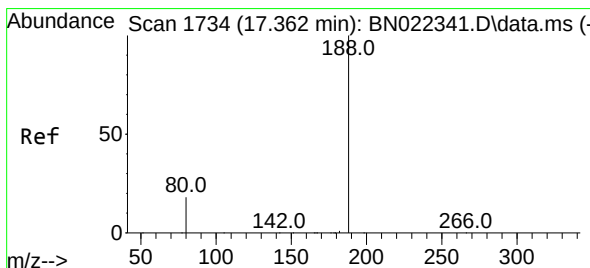
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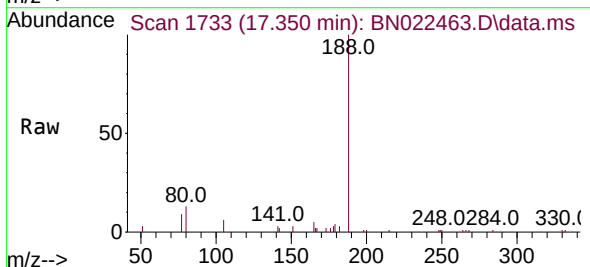


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Supervised By :mohammad
ahmed

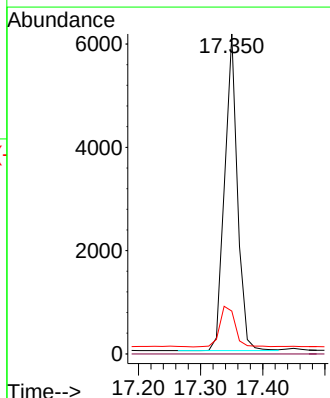
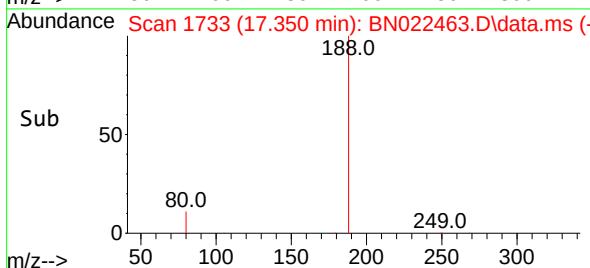
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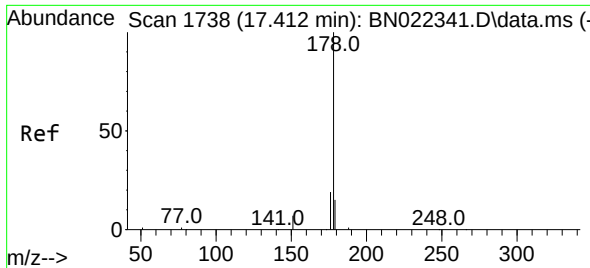


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



Tgt Ion:188 Resp: 8844
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 15.0 22.6





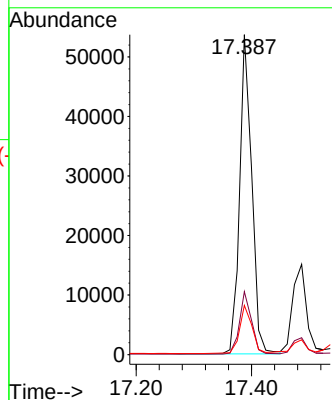
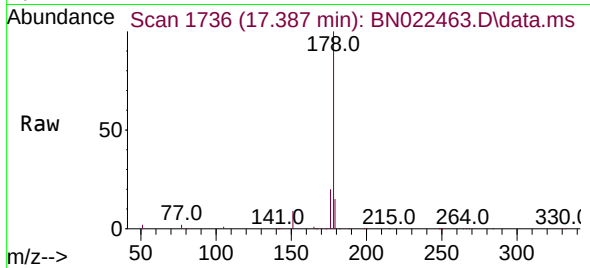
#25
Phenanthrene
Concen: 2.587 ng
RT: 17.387 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL

Tgt Ion:178 Resp: 7845
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.8 12.5 18.7

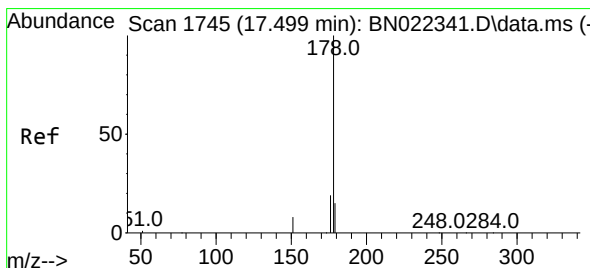
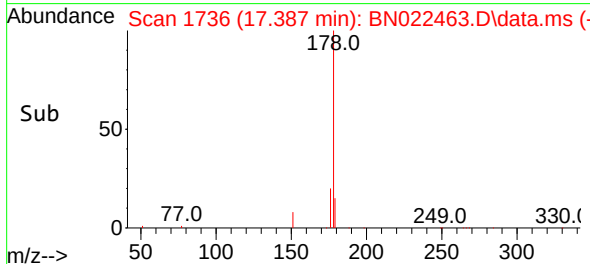
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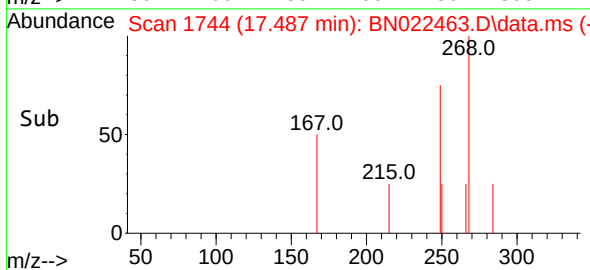
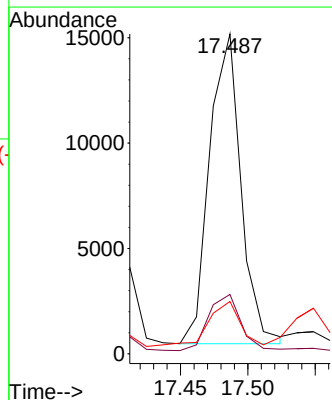
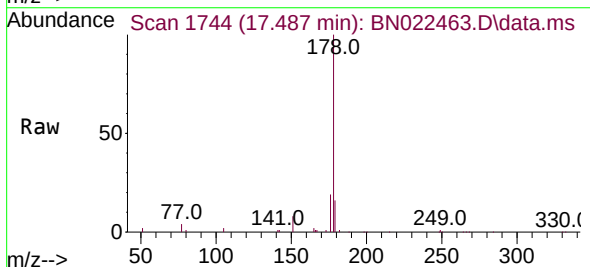
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Supervised By :mohammad
ahmed

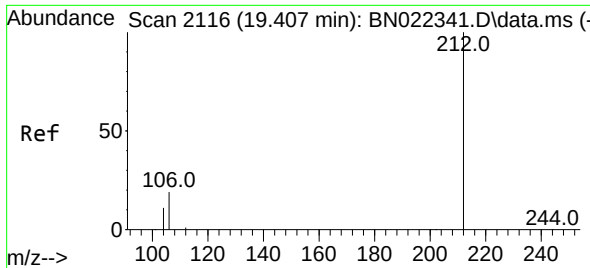
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#26
Anthracene
Concen: 0.935 ng
RT: 17.487 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

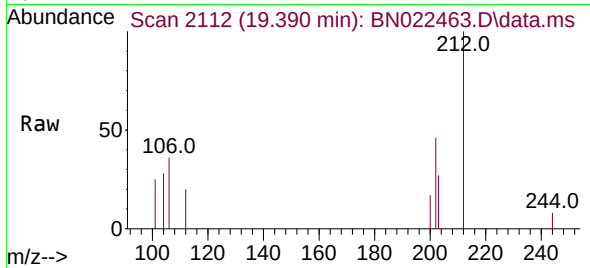
Tgt Ion:178 Resp: 23891
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 13.1 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.037 ng
RT: 19.390 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

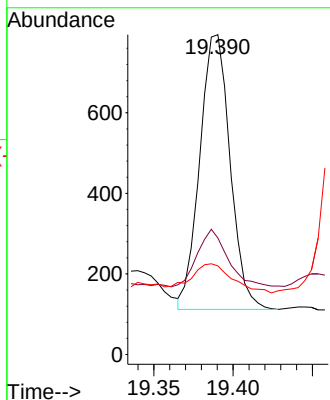
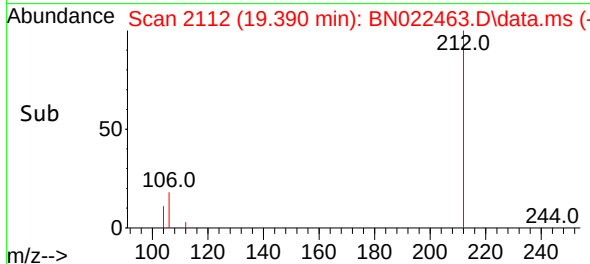
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 212 Resp: 907
Ion Ratio Lower Upper
212 100
106 21.1 15.0 22.4
104 14.9 9.3 13.9

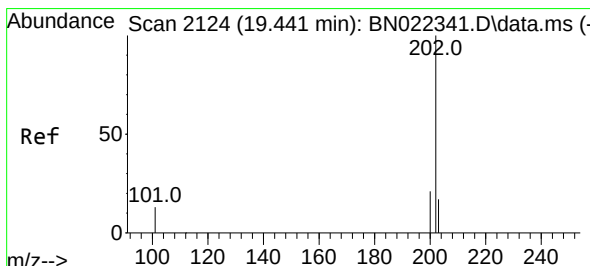
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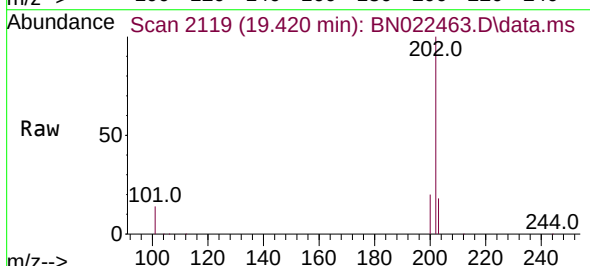


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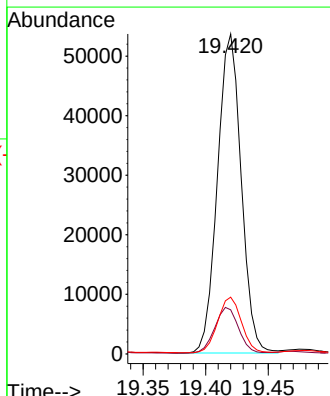
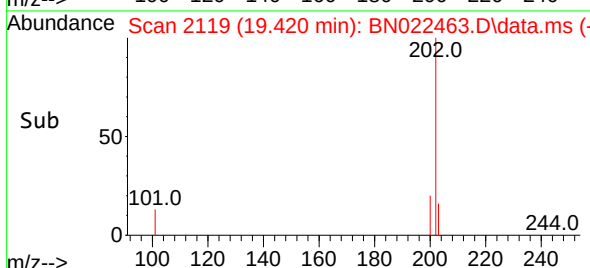
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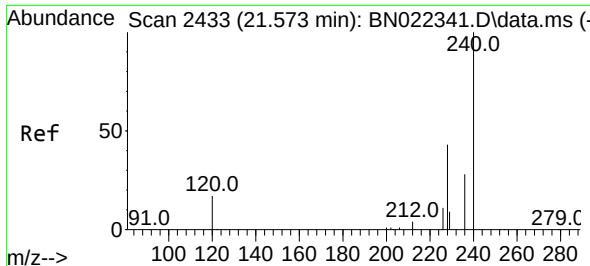


#28
Fluoranthene
Concen: 2.159 ng
RT: 19.420 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



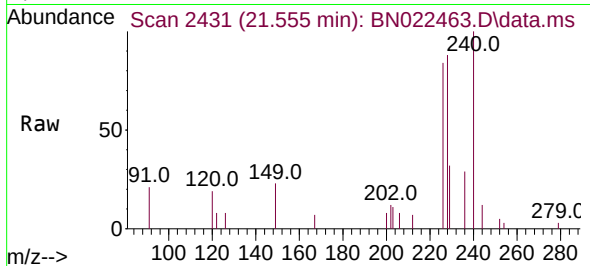
Tgt Ion: 202 Resp: 70995
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
203 17.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

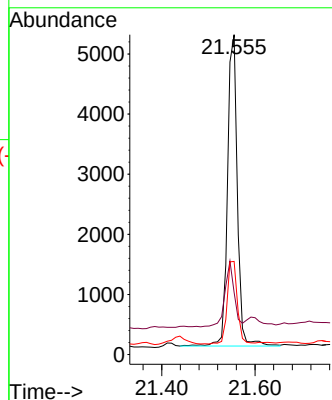
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL



Tgt Ion:240 Resp: 7629
Ion Ratio Lower Upper
240 100
120 19.4 15.8 23.6
236 29.1 23.2 34.8

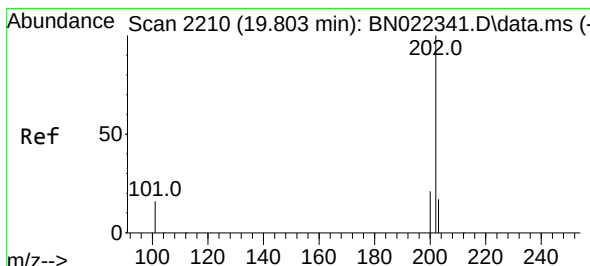
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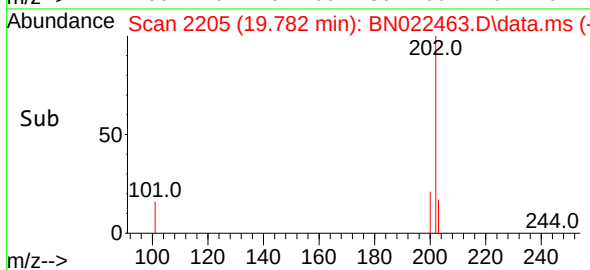
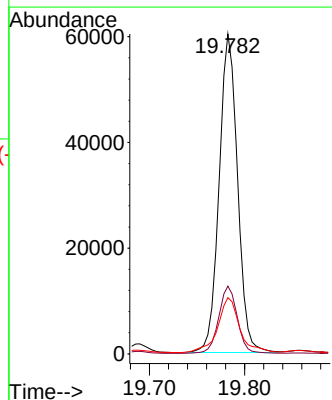
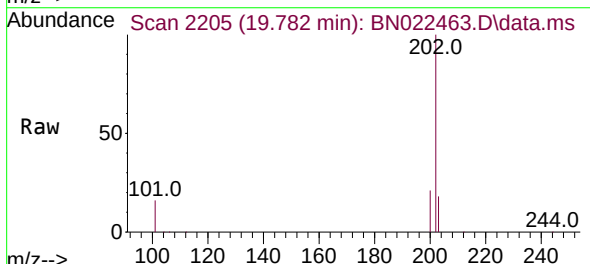
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ahmed

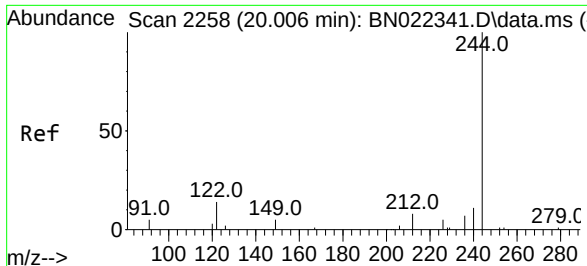
11/07/2022



#30
Pyrene
Concen: 2.303 ng
RT: 19.782 min Scan# 2205
Delta R.T. -0.004 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

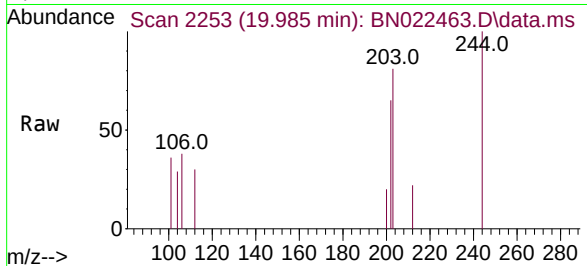
Tgt Ion:202 Resp: 80864
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 20.4 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.048 ng
 RT: 19.985 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022463.D
 Acq: 02 Nov 2022 13:32

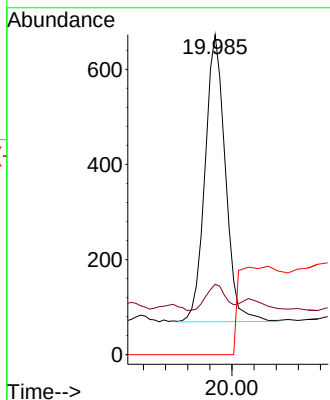
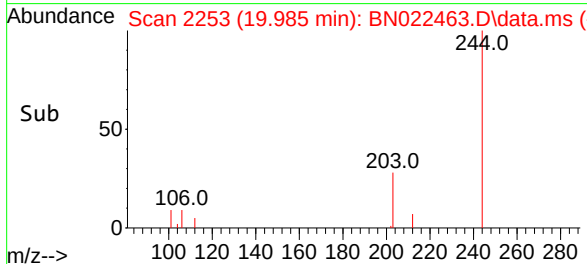
Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-06-20-40DL



Tgt Ion:244 Resp: 959
 Ion Ratio Lower Upper
 244 100
 212 22.0 7.0 10.4
 122 0.0 11.5 17.3

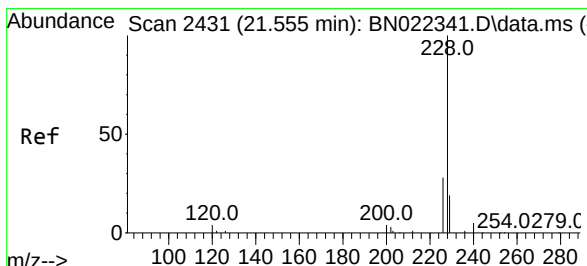
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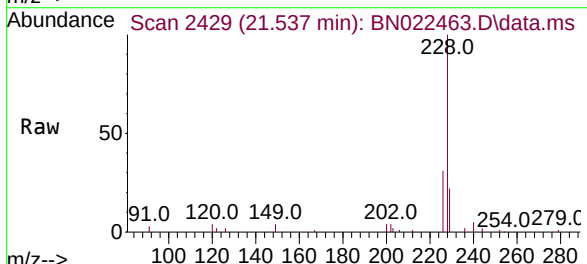


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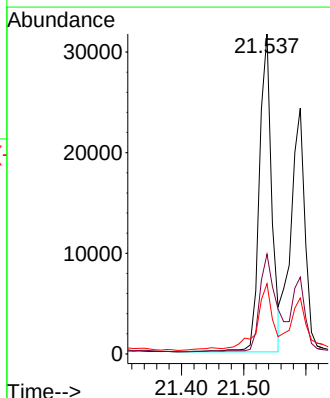
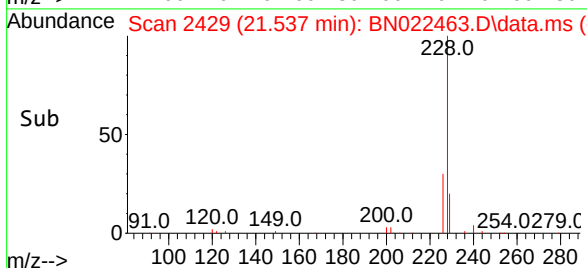
11/07/2022

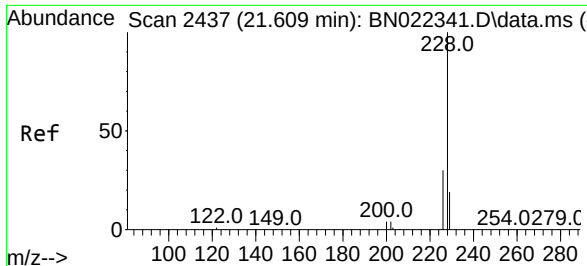


#32
 Benzo(a)anthracene
 Concen: 1.455 ng
 RT: 21.537 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN022463.D
 Acq: 02 Nov 2022 13:32



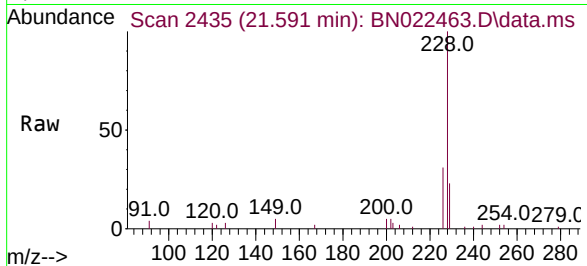
Tgt Ion:228 Resp: 43686
 Ion Ratio Lower Upper
 228 100
 226 31.2 22.6 34.0
 229 21.9 15.5 23.3





#33
Chrysene
Concen: 1.230 ng
RT: 21.591 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

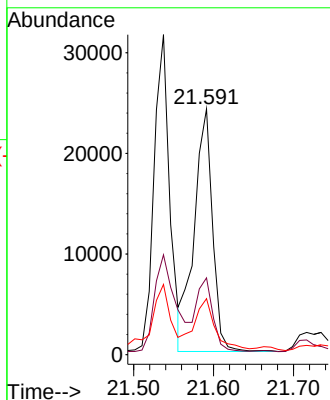
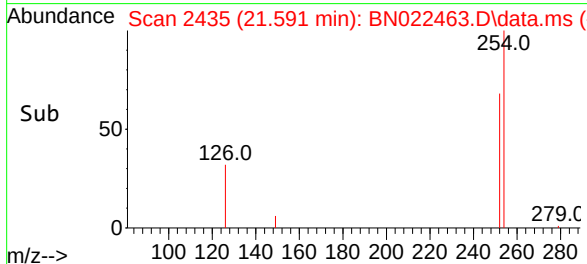
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL



Tgt Ion:228 Resp: 3861
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 22.8 15.6 23.4

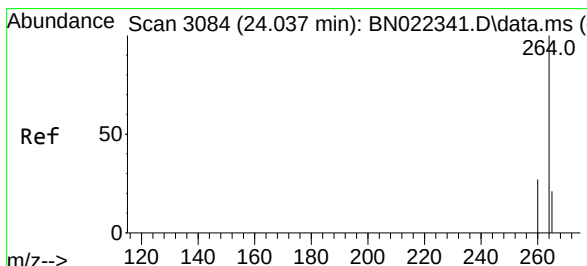
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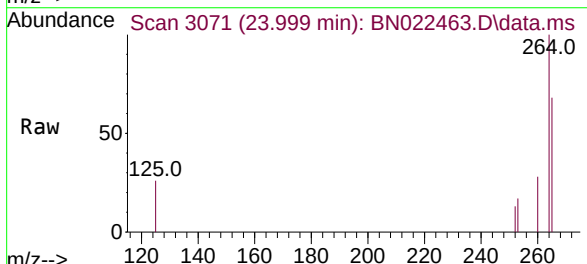


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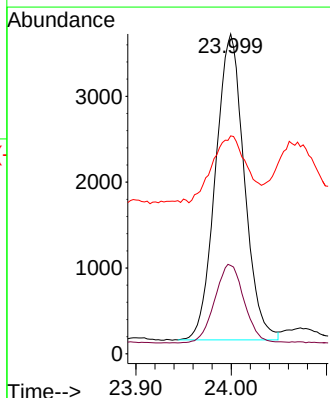
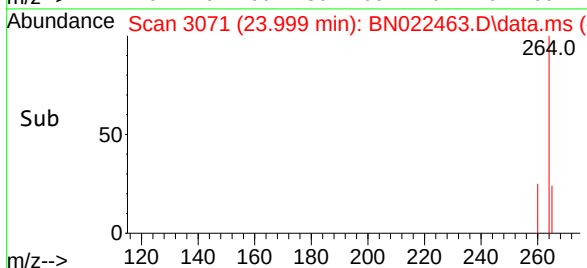
11/07/2022

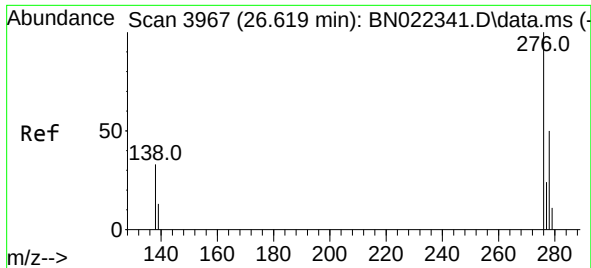


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.999 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



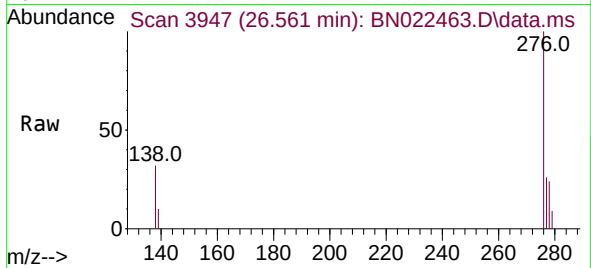
Tgt Ion:264 Resp: 7489
Ion Ratio Lower Upper
264 100
260 27.6 22.1 33.1
265 68.1 53.0 79.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.631 ng
RT: 26.561 min Scan# 3967
Delta R.T. -0.006 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

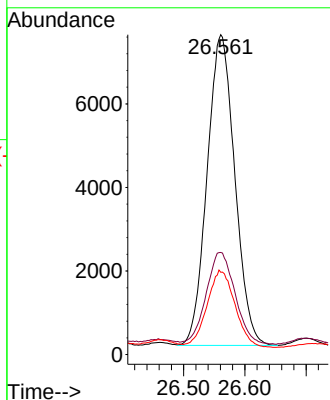
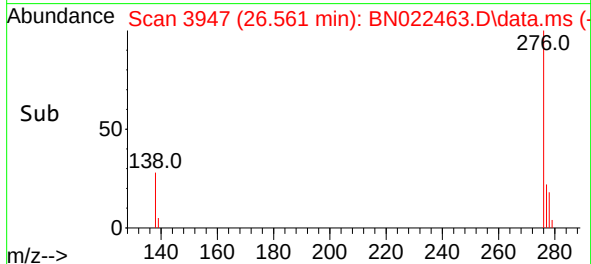
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL



Tgt Ion: 276 Resp: 23344
Ion Ratio Lower Upper
276 100
138 30.9 28.2 42.2
277 25.2 19.7 29.5

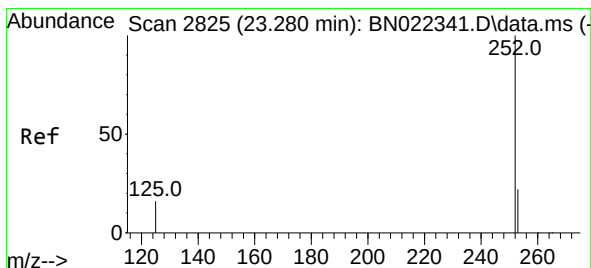
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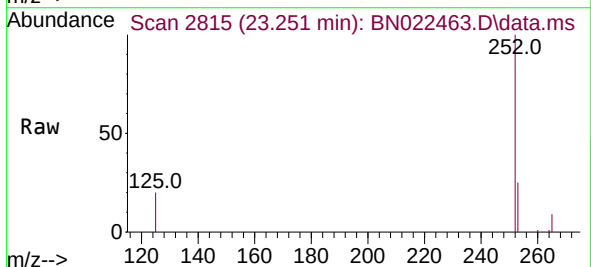


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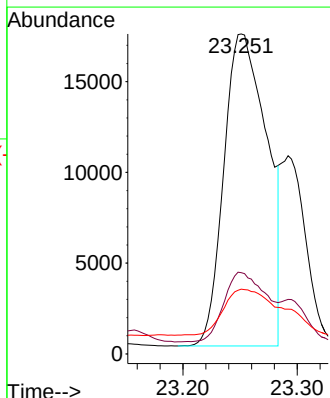
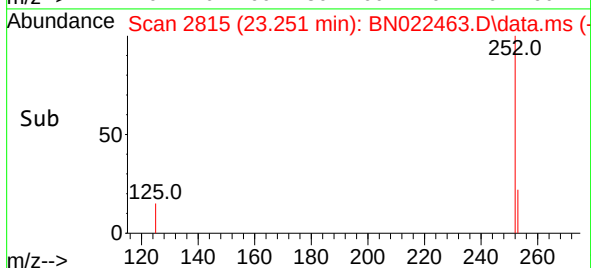
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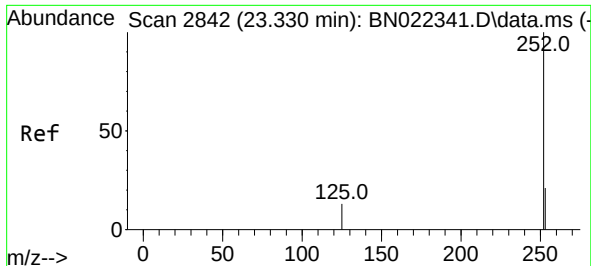


#37
Benzo(b)fluoranthene
Concen: 1.312 ng
RT: 23.251 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



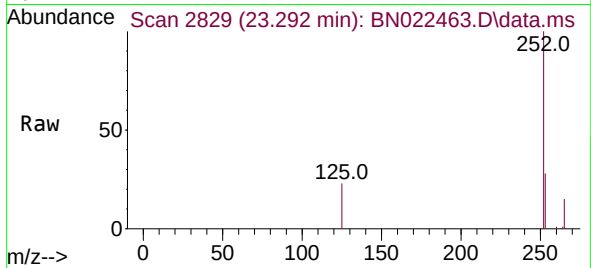
Tgt Ion: 252 Resp: 44966
Ion Ratio Lower Upper
252 100
253 25.4 20.4 30.6
125 20.2 16.6 25.0





#38
Benzo(k)fluoranthene
Concen: 0.462 ng m
RT: 23.292 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32

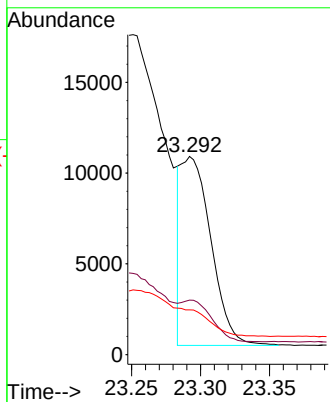
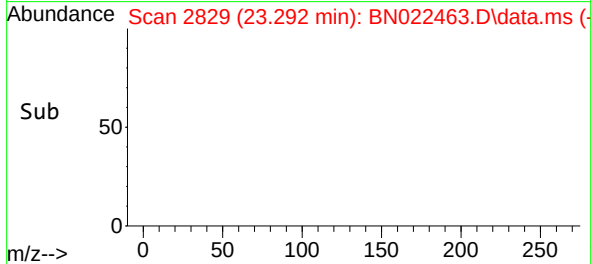
Instrument :
BNA_N
ClientSampleId :
LSP-SS-06-20-40DL



Tgt Ion:252 Resp: 15744
Ion Ratio Lower Upper
252 100
253 27.5 19.8 29.8
125 22.6 15.0 22.6

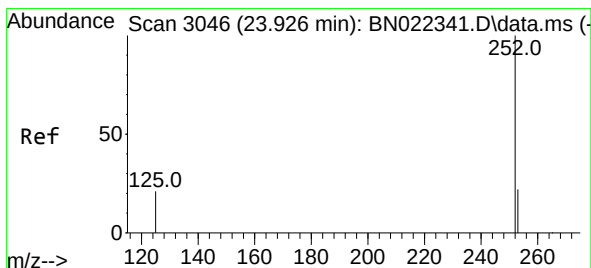
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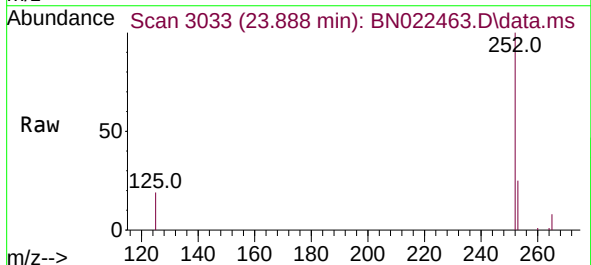


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Supervised By :mohammad
ahmed

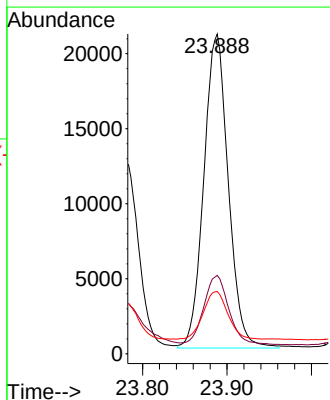
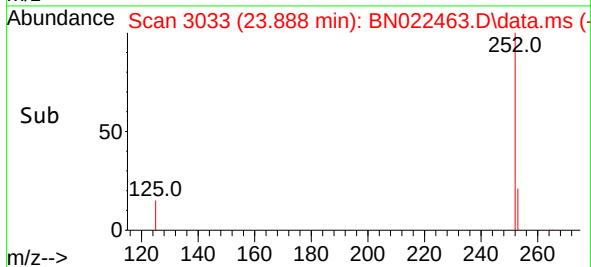
11/07/2022

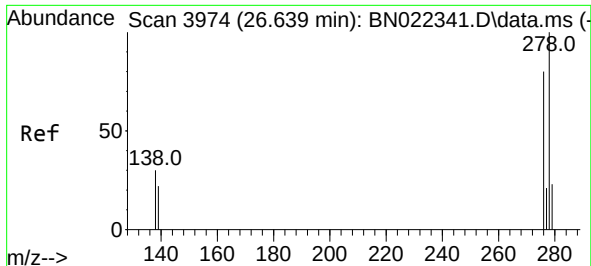


#39
Benzo(a)pyrene
Concen: 1.512 ng m
RT: 23.888 min Scan# 3033
Delta R.T. -0.003 min
Lab File: BN022463.D
Acq: 02 Nov 2022 13:32



Tgt Ion:252 Resp: 42173
Ion Ratio Lower Upper
252 100
253 24.5 21.9 32.9
125 19.5 22.9 34.3





#40

Dibenzo(a,h)anthracene

Concen: 0.240 ng

RT: 26.572 min Scan# 39

Delta R.T. -0.015 min

Lab File: BN022463.D

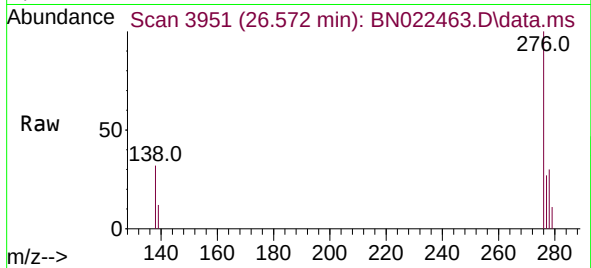
Acq: 02 Nov 2022 13:32

Instrument :

BN022463.D

ClientSampleId :

LSP-SS-06-20-40DL



Tgt Ion:278 Resp: 6935

Ion Ratio Lower Upper

278 100

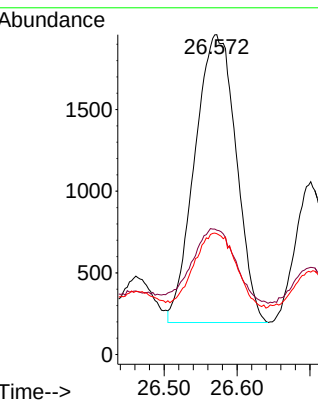
139 38.8 20.2 30.2

279 37.8 21.0 31.4

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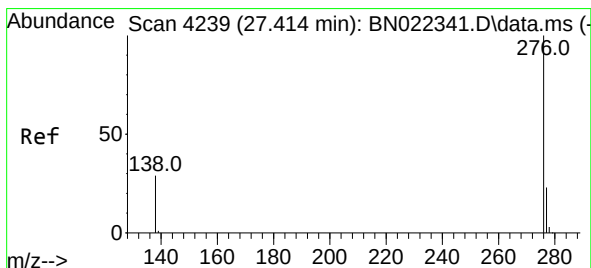
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#41

Benzo(g,h,i)perylene

Concen: 0.777 ng

RT: 27.359 min Scan# 4220

Delta R.T. 0.000 min

Lab File: BN022463.D

Acq: 02 Nov 2022 13:32

Tgt Ion:276 Resp: 23675

Ion Ratio Lower Upper

276 100

277 25.5 19.5 29.3

138 32.3 25.0 37.4

