

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
 Data File : BN022453.D
 Acq On : 02 Nov 2022 03:55
 Operator : CG/JU
 Sample : N5234-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-07-00-20

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : mohammad ahmed 11/04/2022

Quant Time: Nov 02 05:40:59 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						
1) 1,4-Dichlorobenzene-d4	7.921	152	4172	0.400	ng	0.00
7) Naphthalene-d8	10.741	136	14241	0.400	ng	#-0.01
13) Acenaphthene-d10	14.589	164	6518	0.400	ng	0.00
19) Phenanthrene-d10	17.350	188	10453	0.400	ng	# 0.00
29) Chrysene-d12	21.546	240	8964	0.400	ng	# 0.00
35) Perylene-d12	23.997	264	8384	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	3162	0.284	ng	0.00
5) Phenol-d6	7.090	99	7404	0.532	ng	0.00
8) Nitrobenzene-d5	9.065	82	16000	1.299	ng	-0.04
11) 2-Methylnaphthalene-d10	12.342	152	5444	0.244	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	433	0.155	ng	0.00
15) 2-Fluorobiphenyl	13.210	172	6754	0.242	ng	-0.01
27) Fluoranthene-d10	19.386	212	6352	0.220	ng	0.00
31) Terphenyl-d14	19.981	244	5190	0.222	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.795	128	240196	5.641	ng	98
16) Acenaphthylene	14.311	152	2577	0.082	ng	# 58
17) Acenaphthene	14.653	154	1069	0.050	ng	# 33
18) Fluorene	15.648	166	2117	0.071	ng	# 79
25) Phenanthrene	17.387	178	11988m	0.334	ng	
28) Fluoranthene	19.416	202	5598	0.144	ng	# 90
30) Pyrene	19.778	202	17786	0.431	ng	# 79
32) Benzo(a)anthracene	21.528	228	6747	0.191	ng	# 1
33) Chrysene	21.582	228	18287	0.496	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.448	149	2236	0.037	ng	# 77
36) Indeno(1,2,3-cd)pyrene	26.561	276	2401	0.058	ng	# 49
37) Benzo(b)fluoranthene	23.242	252	10040	0.262	ng	# 1
39) Benzo(a)pyrene	23.885	252	6463	0.207	ng	# 1
41) Benzo(g,h,i)perylene	27.356	276	9414	0.276	ng	# 42

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

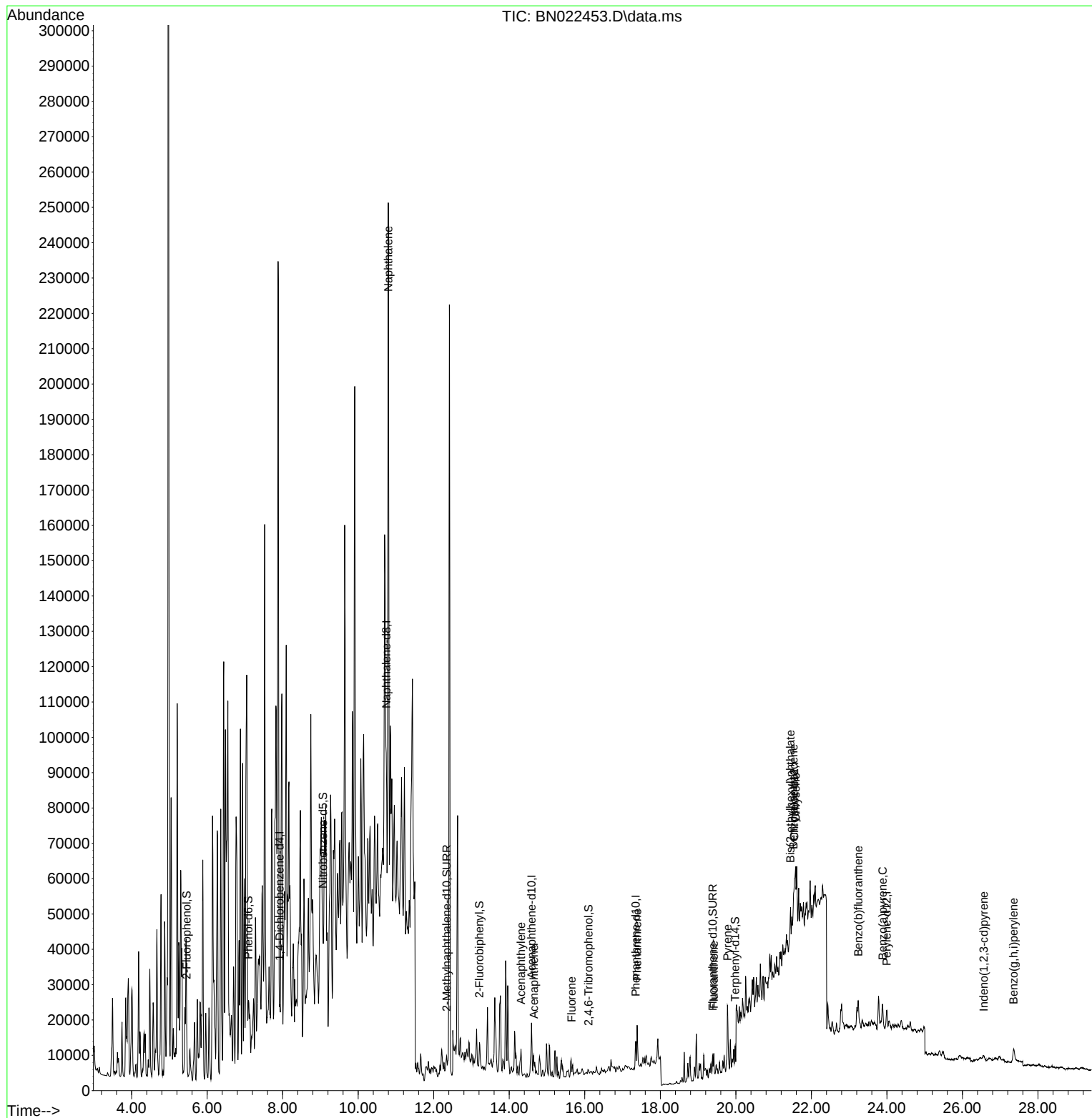
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
Data File : BN022453.D
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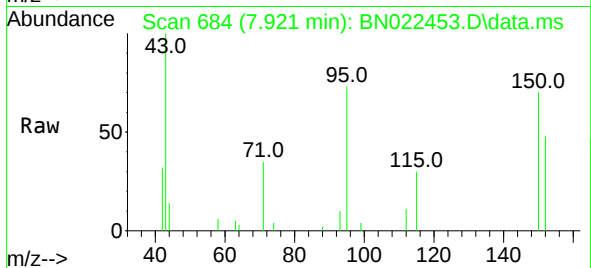
Quant Time: Nov 02 05:40:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.921 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

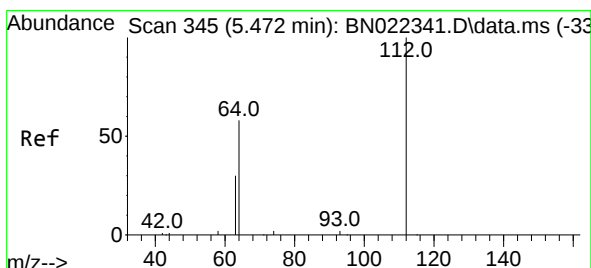
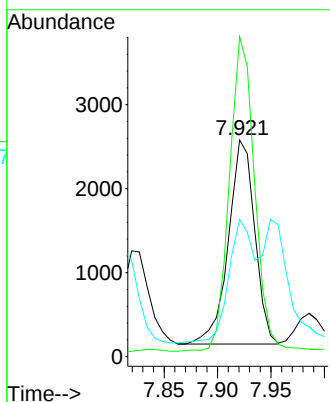
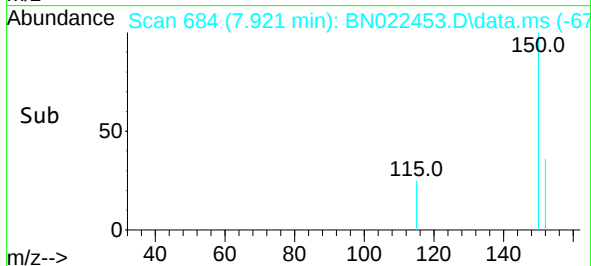
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



Tgt Ion:152 Resp: 4172
Ion Ratio Lower Upper
152 100
150 147.8 125.2 187.8
115 63.4 52.0 78.0

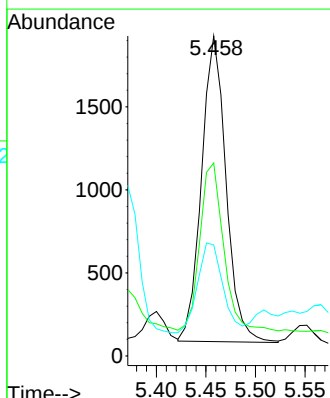
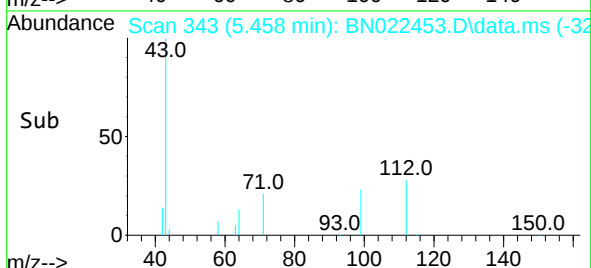
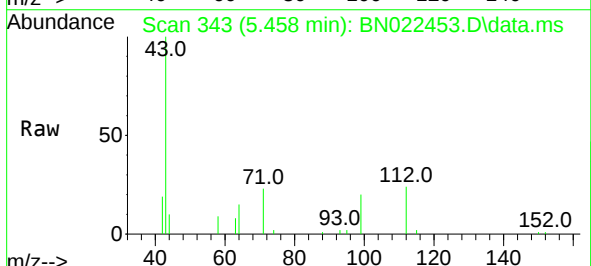
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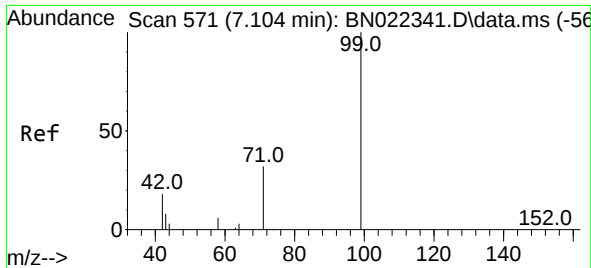
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#4
2-Fluorophenol
Concen: 0.284 ng
RT: 5.458 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

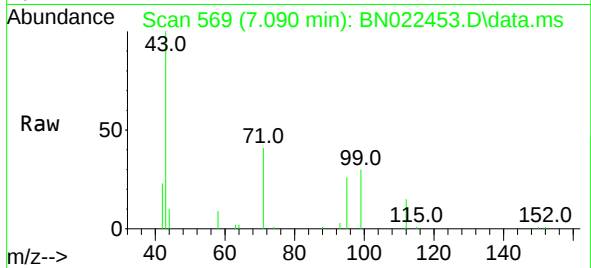
Tgt Ion:112 Resp: 3162
Ion Ratio Lower Upper
112 100
64 53.5 47.0 70.4
63 30.1 24.5 36.7





#5
Phenol-d6
Concen: 0.532 ng
RT: 7.090 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

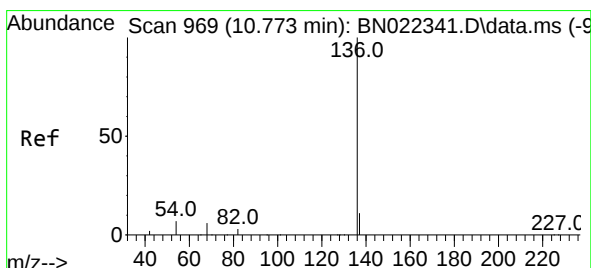
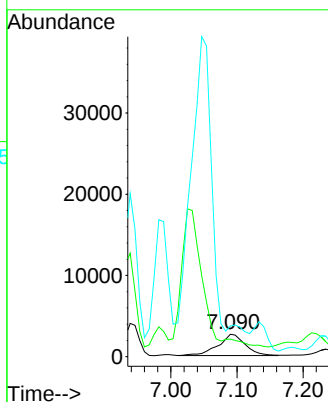
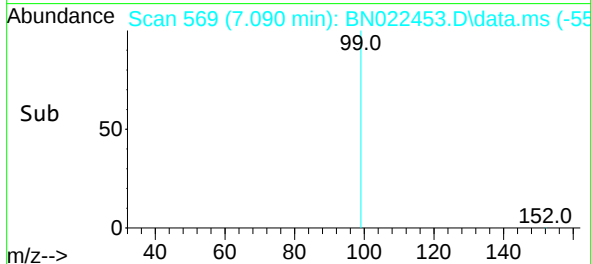
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



Tgt Ion: 99 Resp: 7404
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 0.0 26.1 39.1#

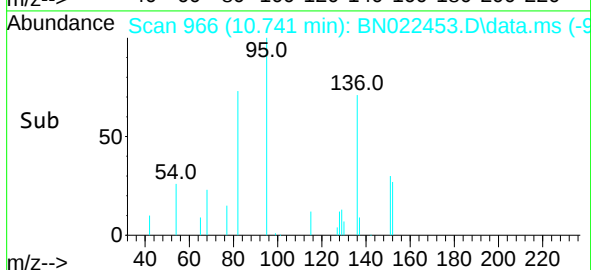
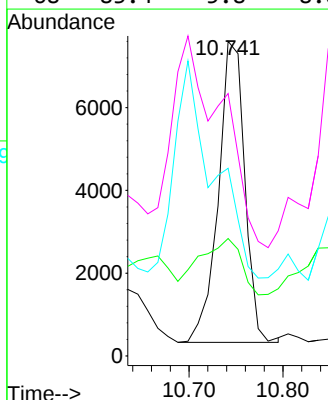
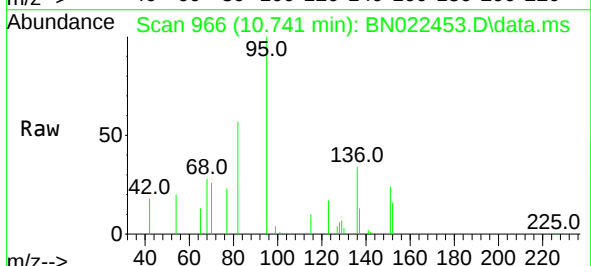
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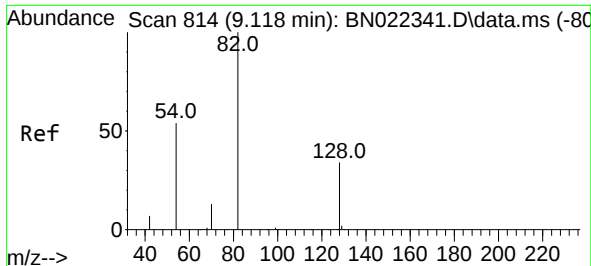
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.741 min Scan# 966
Delta R.T. -0.011 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

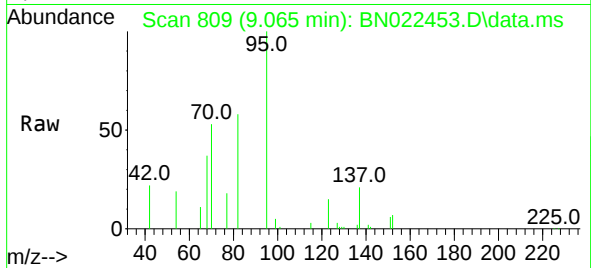
Tgt Ion:136 Resp: 14241
Ion Ratio Lower Upper
136 100
137 37.3 9.4 14.2#
54 59.6 6.5 9.7#
68 83.4 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 1.299 ng
RT: 9.065 min Scan# 809
Delta R.T. -0.043 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

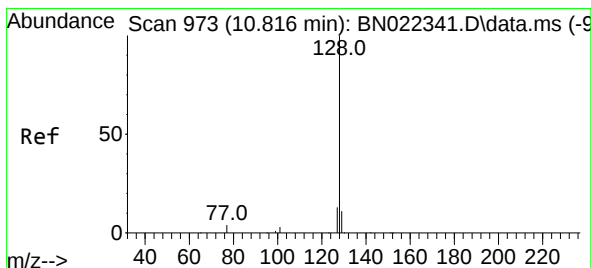
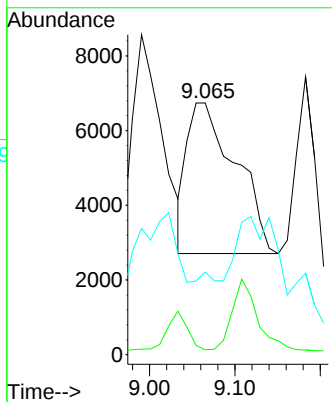
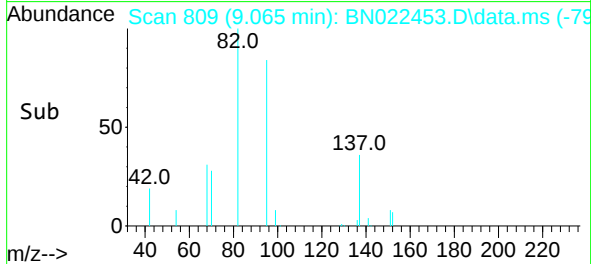
Instrument :
BNA_N
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LSP-SS-07-00-20



Tgt Ion: 82 Resp: 16000
Ion Ratio Lower Upper
82 100
128 2.0 30.5 45.7
54 32.8 45.2 67.8

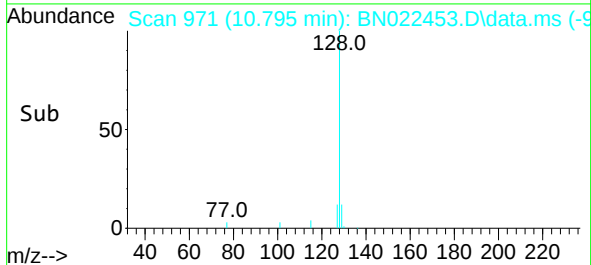
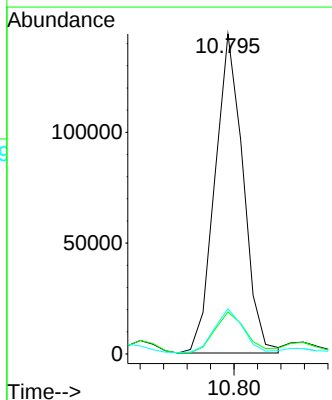
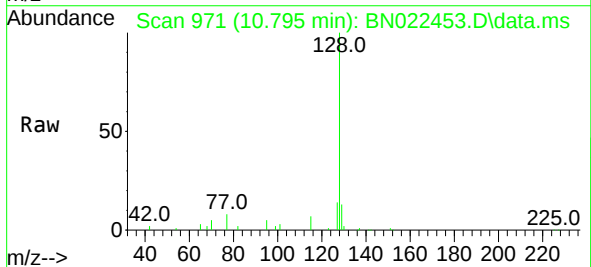
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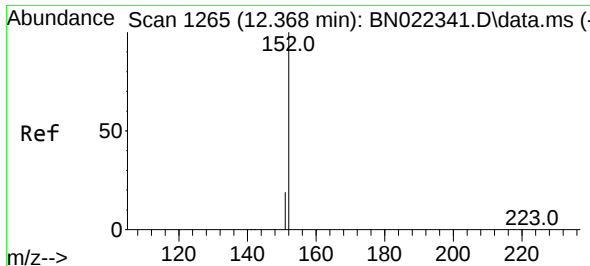
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#9
Naphthalene
Concen: 5.641 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

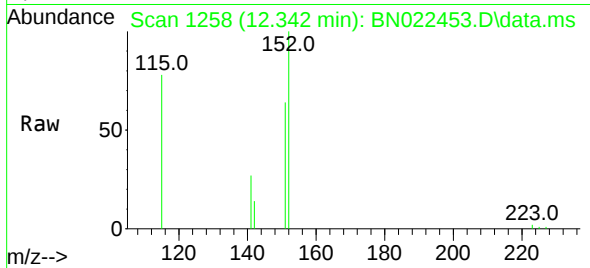
Tgt Ion:128 Resp: 240196
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.2
127 14.1 11.0 16.6





#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.342 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

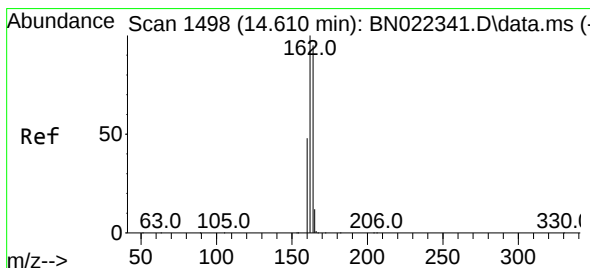
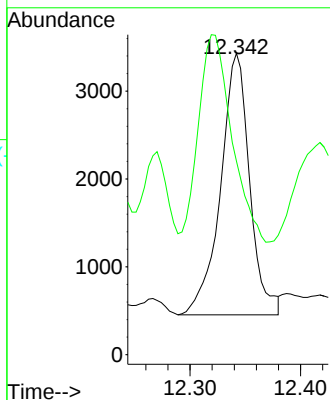
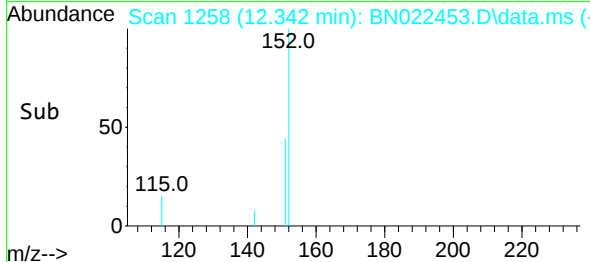
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



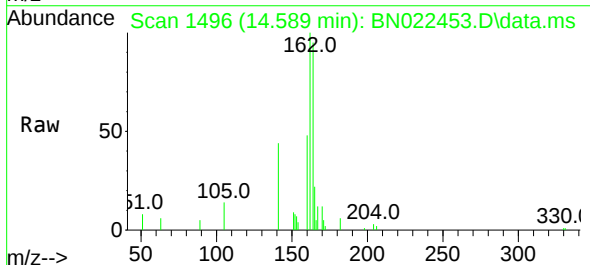
Tgt Ion:152 Resp: 544
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1

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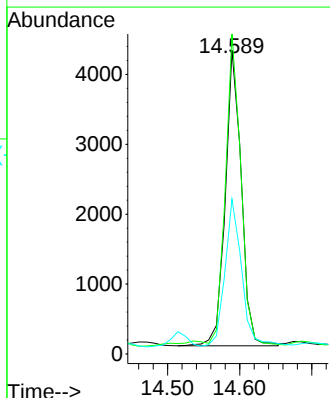
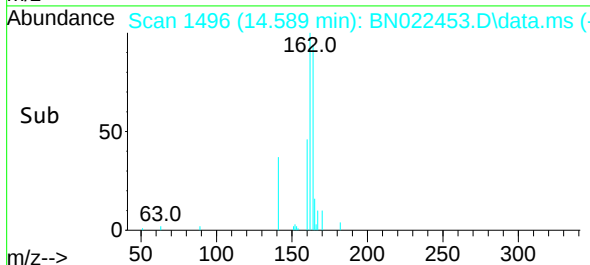
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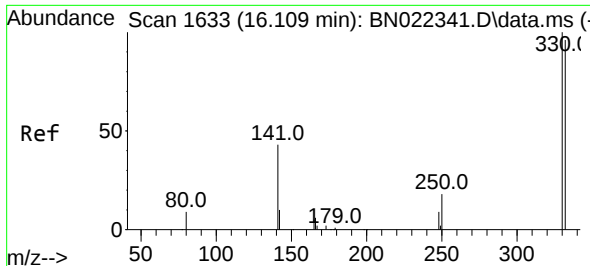


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.589 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55



Tgt Ion:164 Resp: 6518
Ion Ratio Lower Upper
164 100
162 105.4 83.9 125.9
160 50.9 41.0 61.4





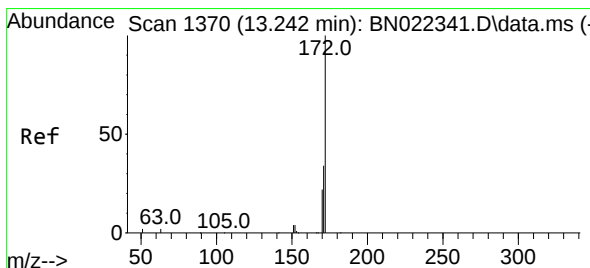
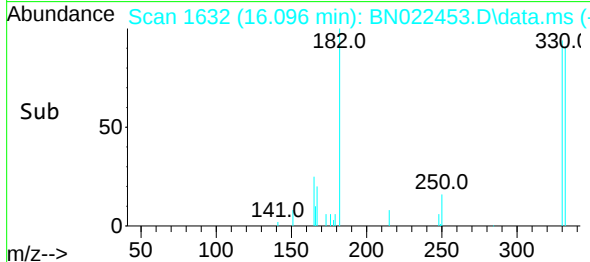
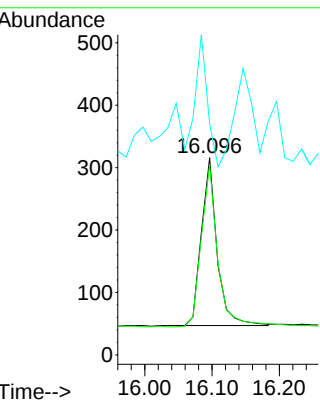
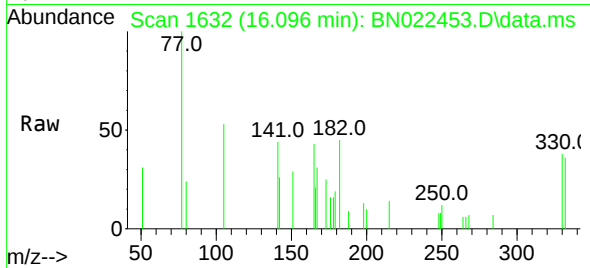
#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion:330 Resp: 430
Ion Ratio Lower Upper
330 100
332 102.1 78.6 118.0
141 94.9 40.2 60.4

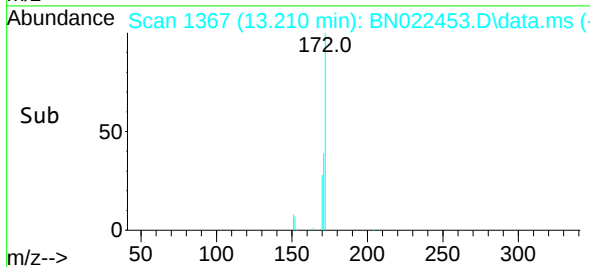
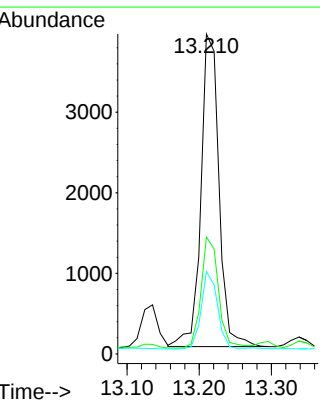
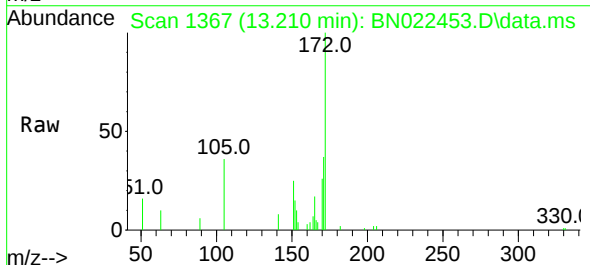
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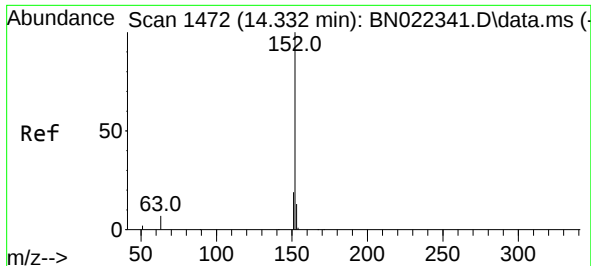
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 13.210 min Scan# 1367
Delta R.T. -0.011 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

Tgt Ion:172 Resp: 6754
Ion Ratio Lower Upper
172 100
171 36.5 27.4 41.0
170 25.8 18.5 27.7





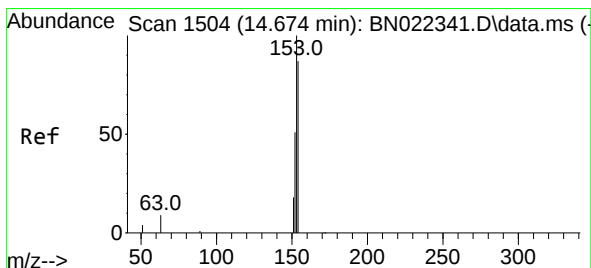
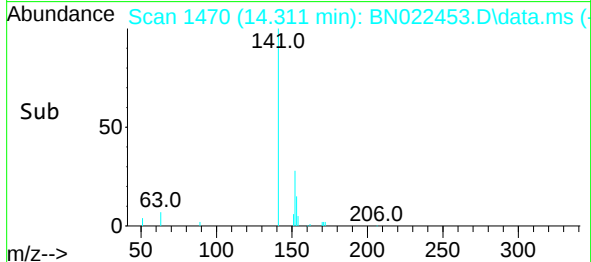
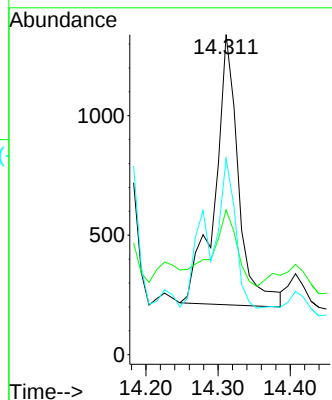
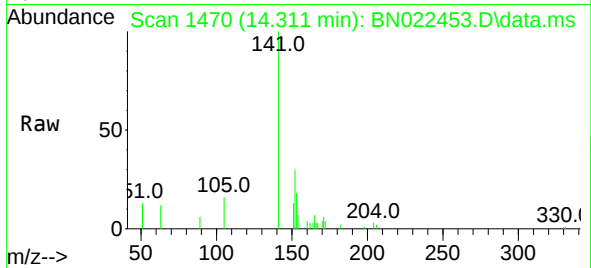
#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.311 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion:152 Resp: 257
Ion Ratio Lower Upper
152 100
151 31.0 15.2 22.8
153 38.6 10.3 15.5

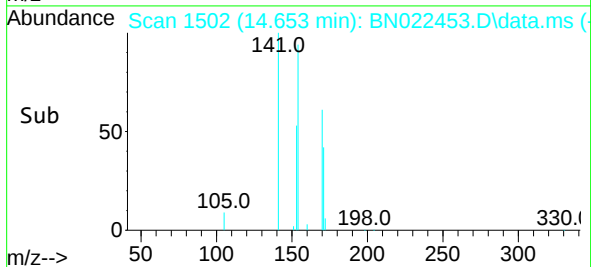
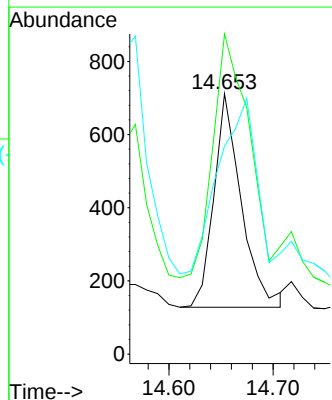
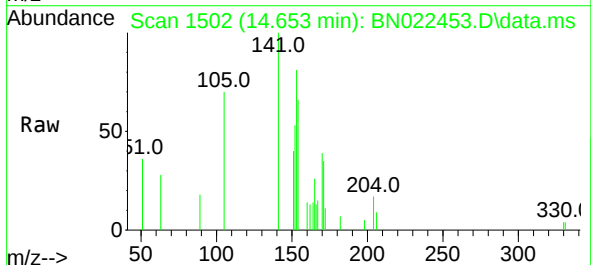
Manual Integrations
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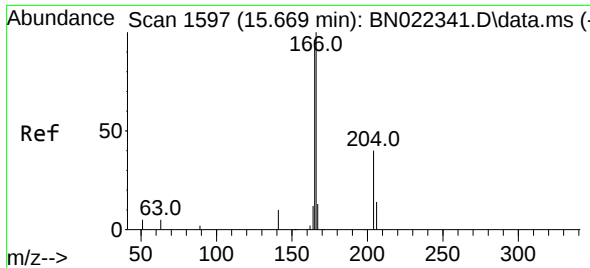
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#17
Acenaphthene
Concen: 0.050 ng
RT: 14.653 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

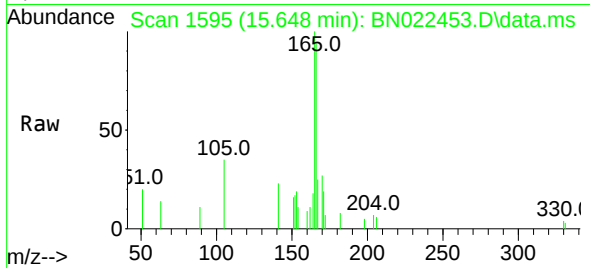
Tgt Ion:154 Resp: 1069
Ion Ratio Lower Upper
154 100
153 181.5 92.2 138.2#
152 0.0 47.6 71.4#





#18
 Fluorene
 Concen: 0.071 ng
 RT: 15.648 min Scan# 1595
 Delta R.T. 0.000 min
 Lab File: BN022453.D
 Acq: 02 Nov 2022 03:55

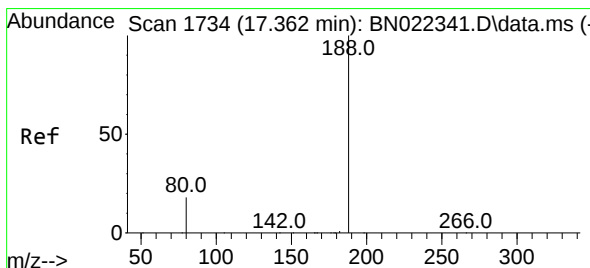
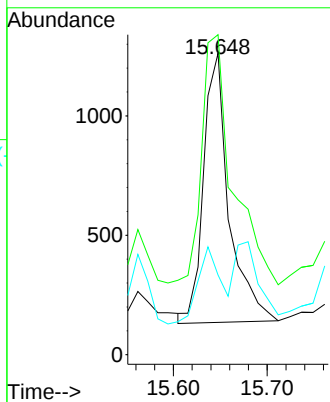
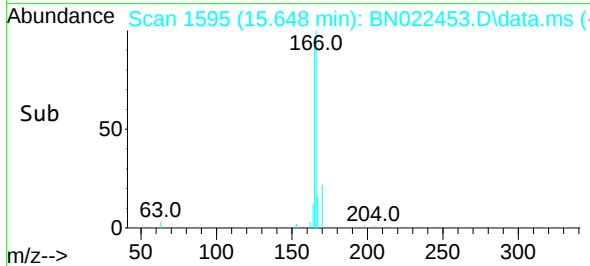
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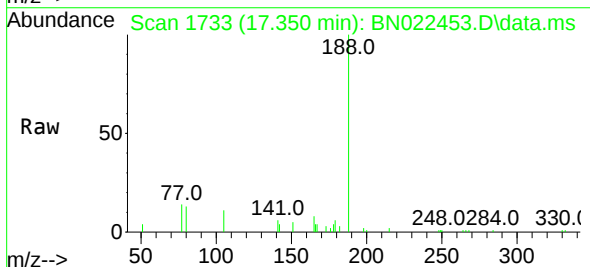
Tgt Ion:166 Resp: 211
 Ion Ratio Lower Upper
 166 100
 165 117.4 78.6 118.0
 167 26.3 10.2 15.4

Manual Integrations
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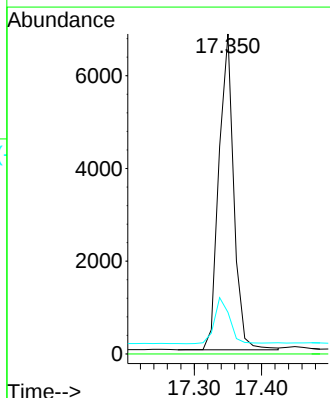
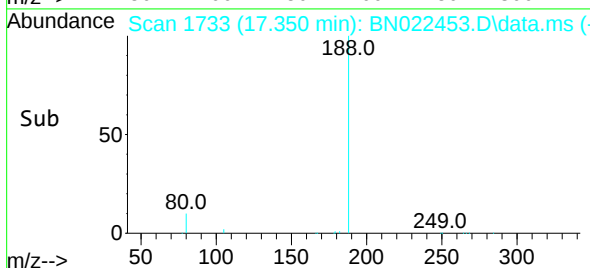
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :mohammad ahmed 11/04/2022

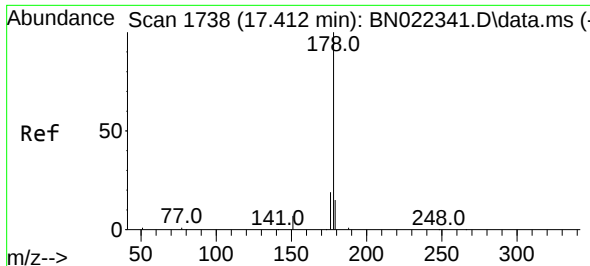


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.350 min Scan# 1733
 Delta R.T. 0.000 min
 Lab File: BN022453.D
 Acq: 02 Nov 2022 03:55



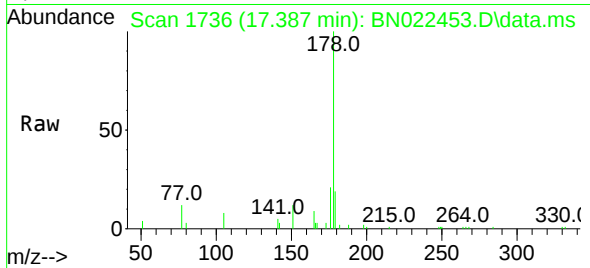
Tgt Ion:188 Resp: 10453
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.0 15.0 22.6





#25
Phenanthrene
Concen: 0.334 ng m
RT: 17.387 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

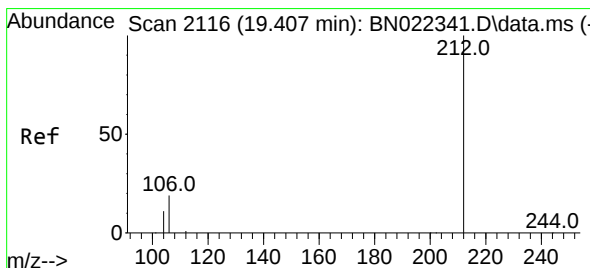
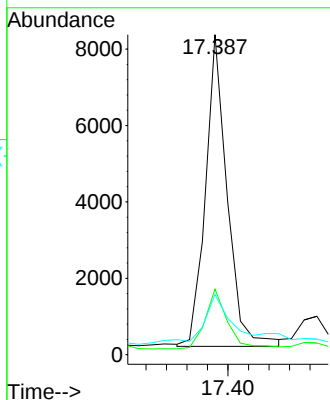
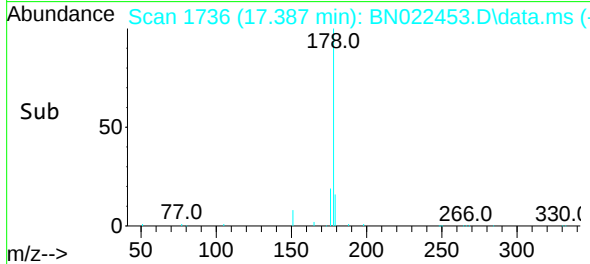
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



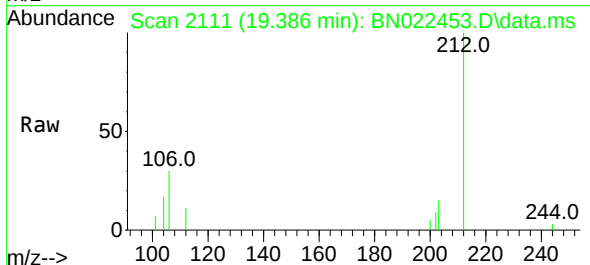
Tgt Ion:178 Resp: 1198
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 32.2 12.5 18.7

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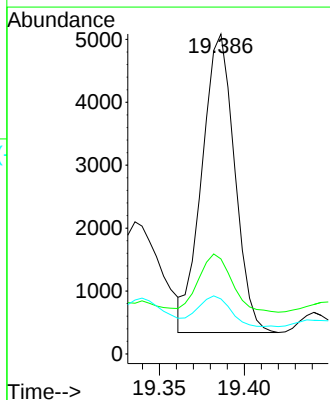
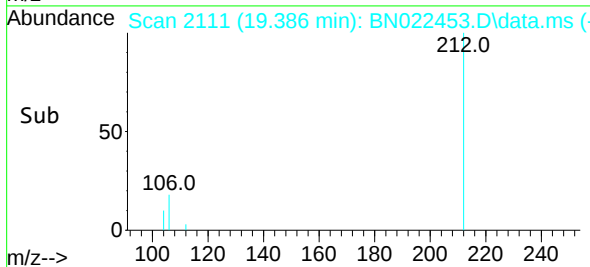
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

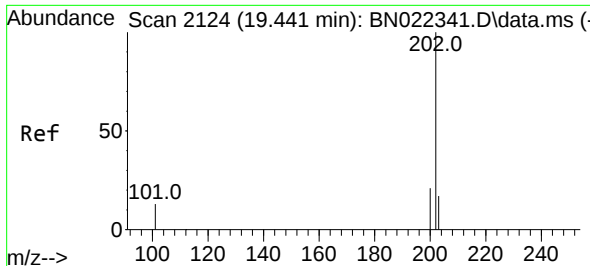


#27
Fluoranthene-d10
Concen: 0.220 ng
RT: 19.386 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55



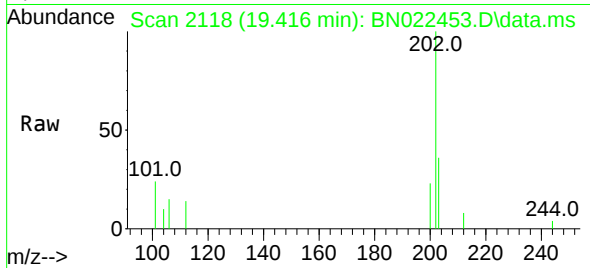
Tgt Ion:212 Resp: 6352
Ion Ratio Lower Upper
212 100
106 19.6 15.0 22.4
104 10.3 9.3 13.9





#28
Fluoranthene
Concen: 0.144 ng
RT: 19.416 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

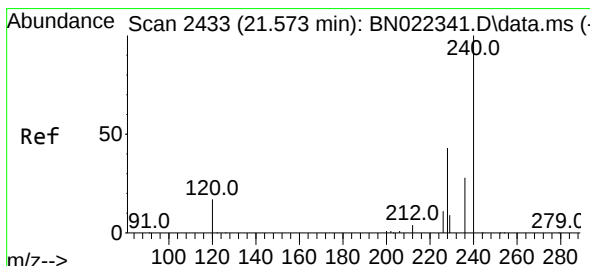
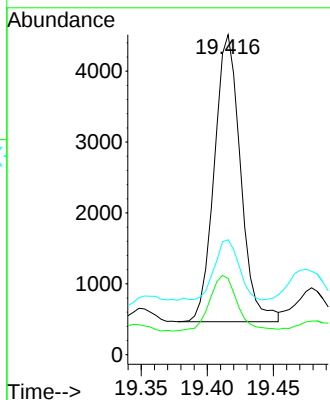
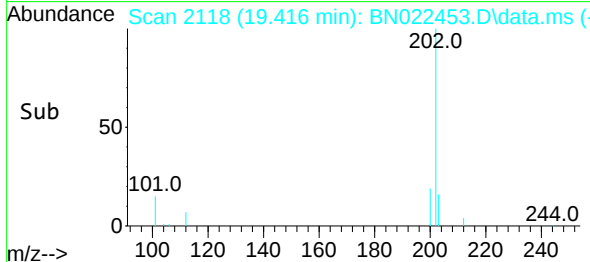
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



Tgt Ion:202 Resp: 5598
Ion Ratio Lower Upper
202 100
101 20.6 11.4 17.0#
203 19.3 13.7 20.5#

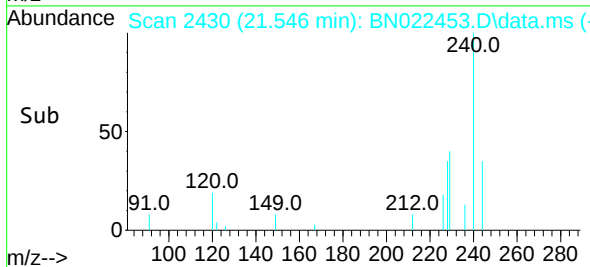
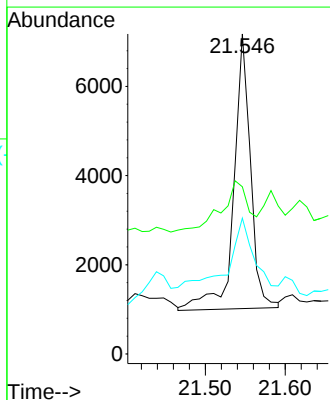
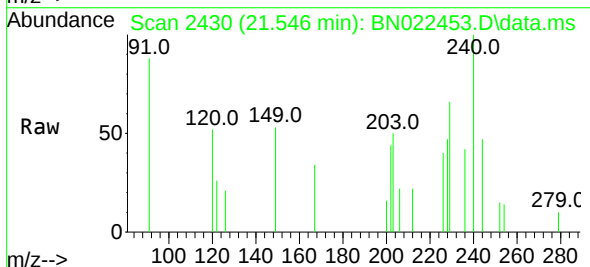
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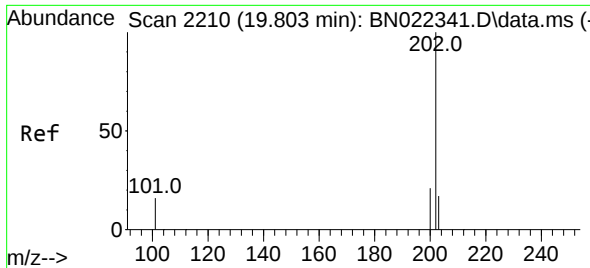
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

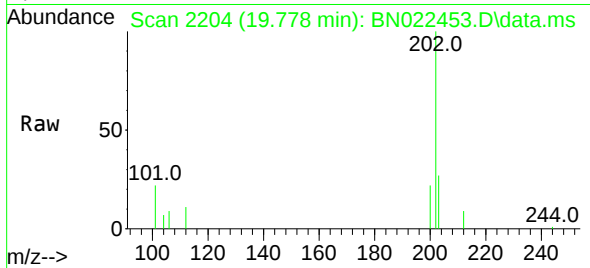
Tgt Ion:240 Resp: 8964
Ion Ratio Lower Upper
240 100
120 52.3 15.8 23.6#
236 42.5 23.2 34.8#





#30
Pyrene
Concen: 0.431 ng
RT: 19.778 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

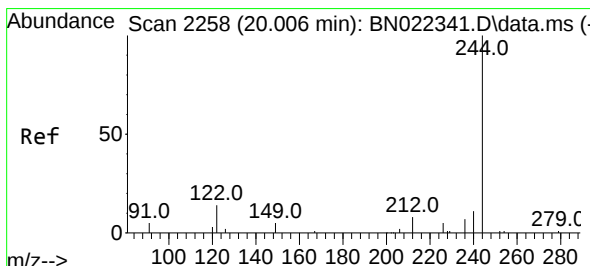
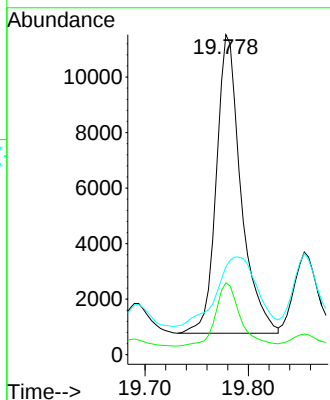
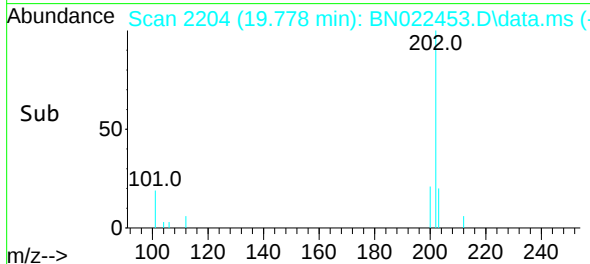
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



Tgt Ion:202 Resp: 17780
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 37.9 14.2 21.2

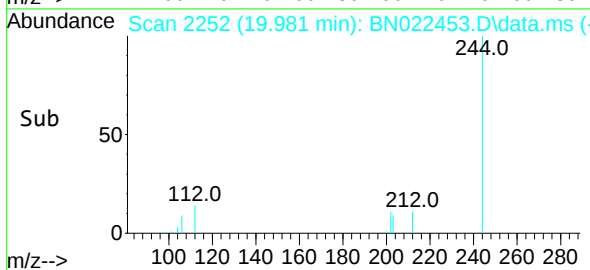
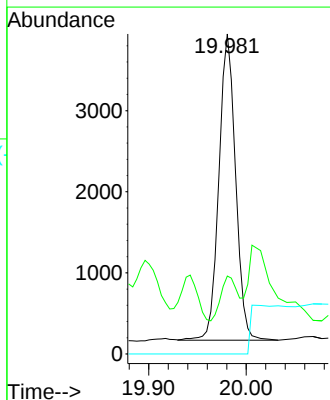
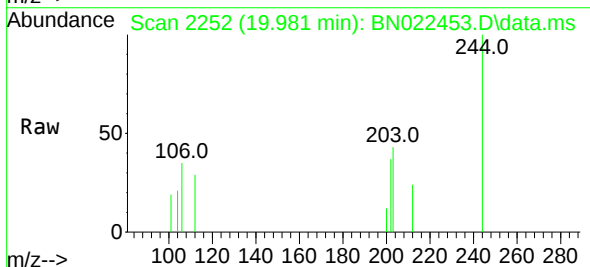
Manual Integrations
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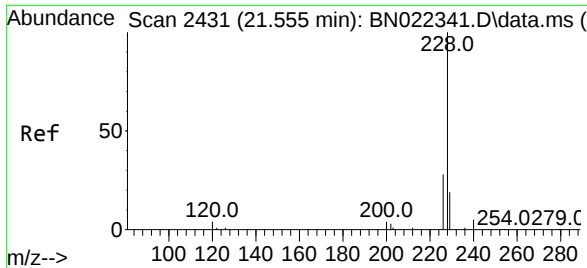
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#31
Terphenyl-d14
Concen: 0.222 ng
RT: 19.981 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

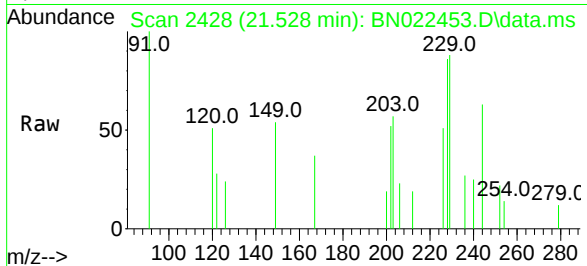
Tgt Ion:244 Resp: 5190
Ion Ratio Lower Upper
244 100
212 24.4 7.0 10.4#
122 0.0 11.5 17.3#





#32
Benzo(a)anthracene
Concen: 0.191 ng
RT: 21.528 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

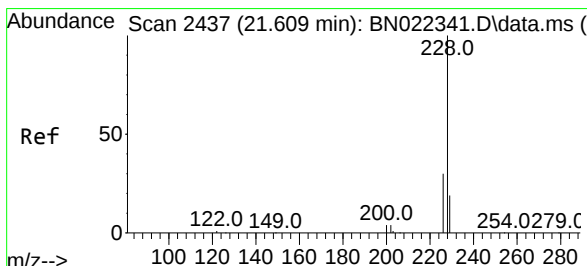
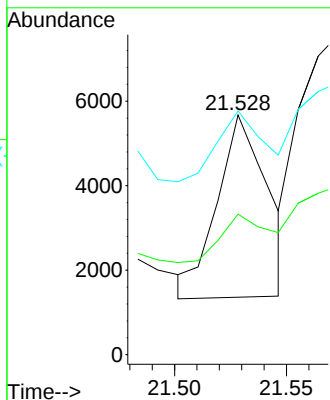
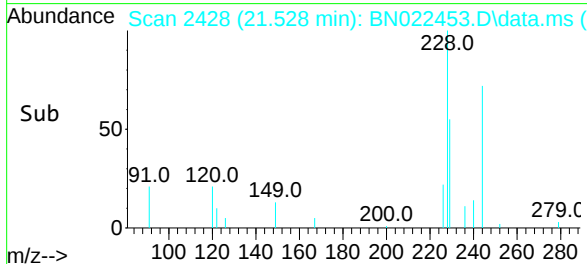
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



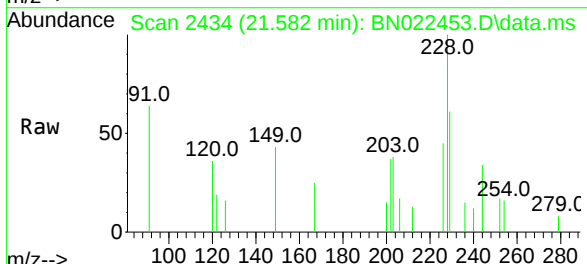
Tgt Ion:228 Resp: 674
Ion Ratio Lower Upper
228 100
226 58.6 22.6 34.0#
229 101.7 15.5 23.3#

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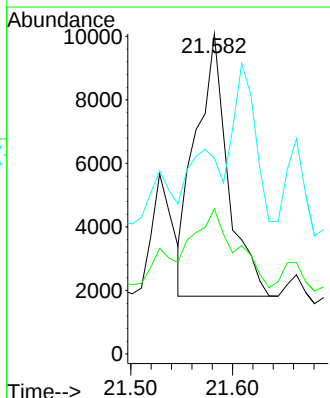
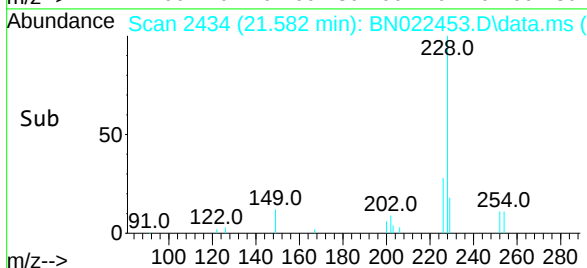
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

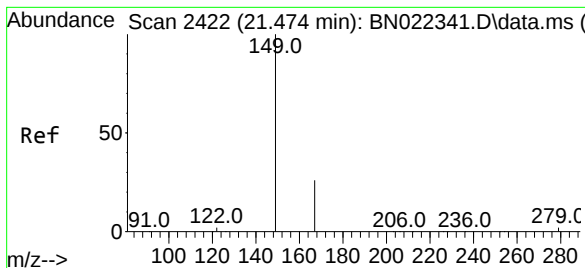


#33
Chrysene
Concen: 0.496 ng
RT: 21.582 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55



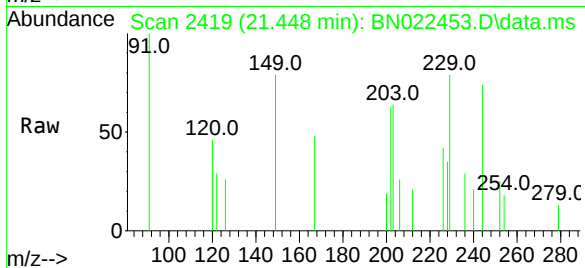
Tgt Ion:228 Resp: 18287
Ion Ratio Lower Upper
228 100
226 45.3 24.5 36.7#
229 61.2 15.6 23.4#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.037 ng
RT: 21.448 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

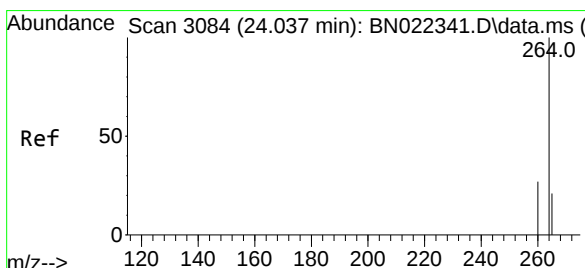
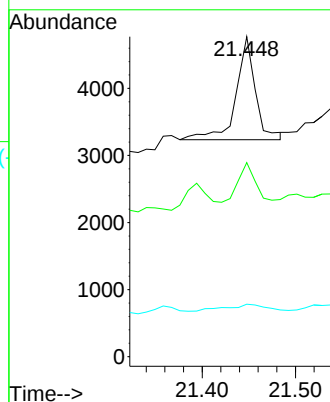
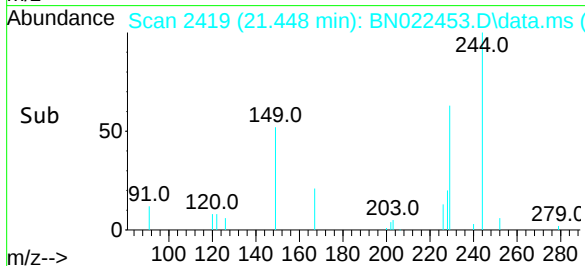
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



Tgt Ion:149 Resp: 2230
Ion Ratio Lower Upper
149 100
167 36.4 20.2 30.4#
279 13.7 2.3 3.5#

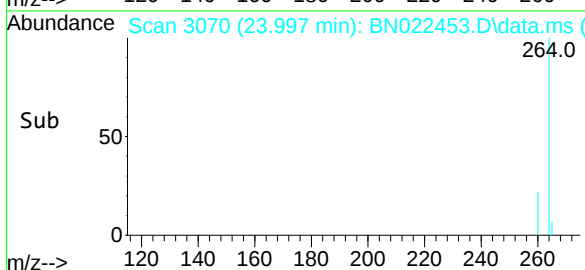
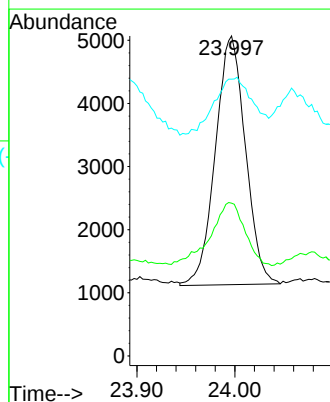
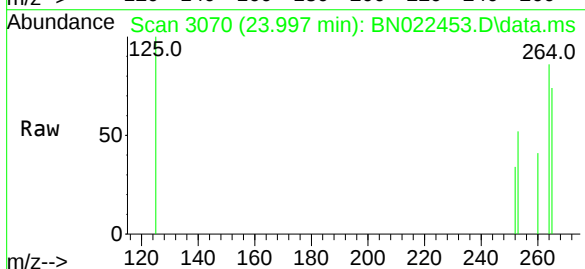
Manual Integrations
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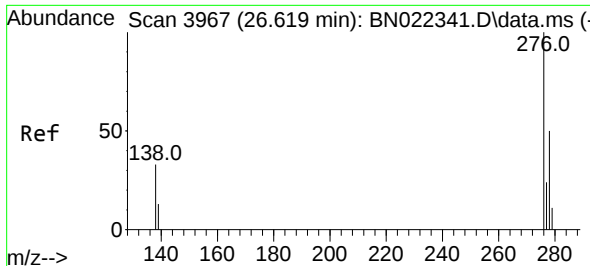
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.997 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

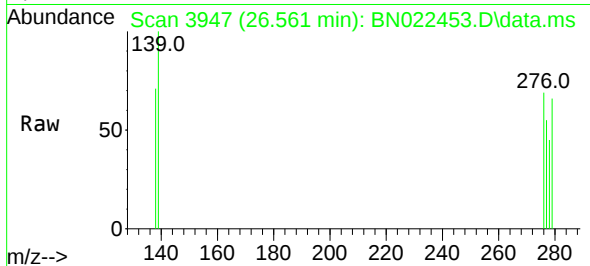
Tgt Ion:264 Resp: 8384
Ion Ratio Lower Upper
264 100
260 47.7 22.1 33.1#
265 86.5 53.0 79.4#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 26.561 min Scan# 3967
Delta R.T. -0.006 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

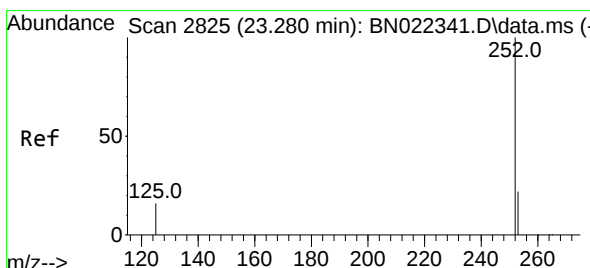
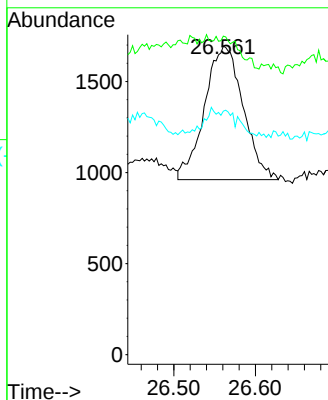
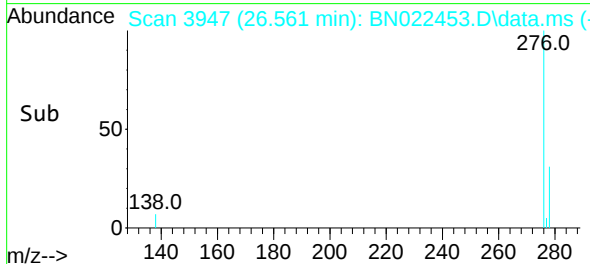
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



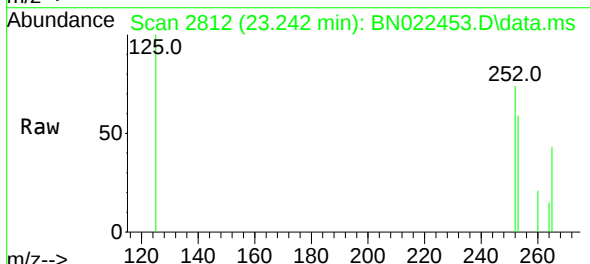
Tgt Ion:276 Resp: 240
Ion Ratio Lower Upper
276 100
138 0.0 28.2 42.2#
277 6.5 19.7 29.5#

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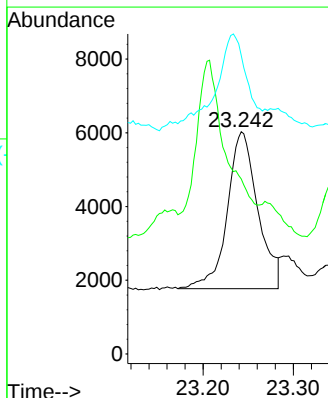
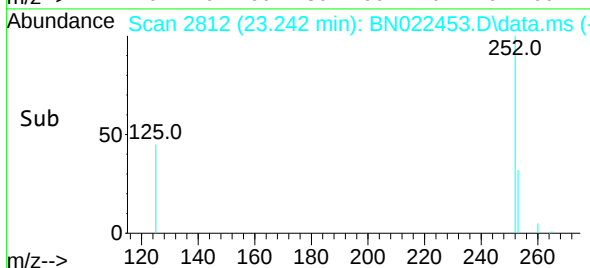
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

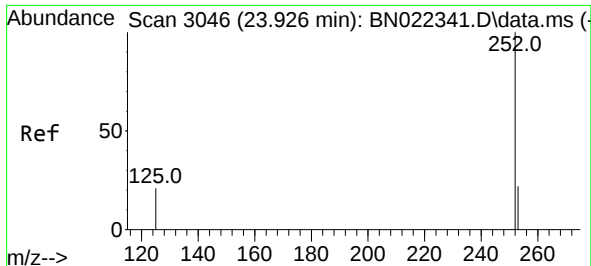


#37
Benzo(b)fluoranthene
Concen: 0.262 ng
RT: 23.242 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55



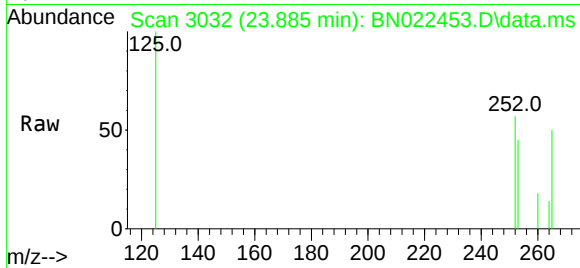
Tgt Ion:252 Resp: 10040
Ion Ratio Lower Upper
252 100
253 78.8 20.4 30.6#
125 134.4 16.6 25.0#





#39
Benzo(a)pyrene
Concen: 0.207 ng
RT: 23.885 min Scan# 3046
Delta R.T. -0.006 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

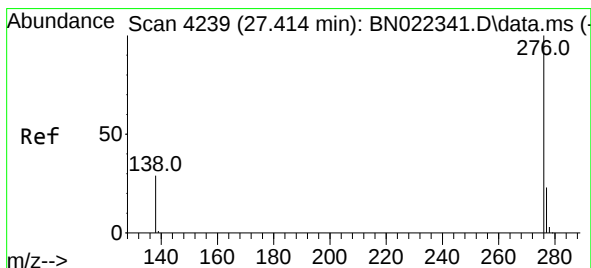
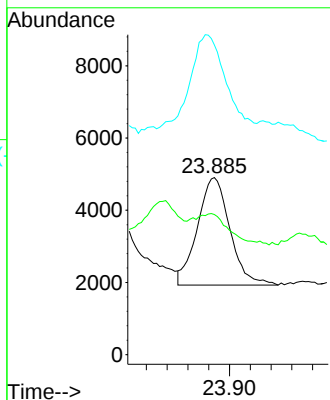
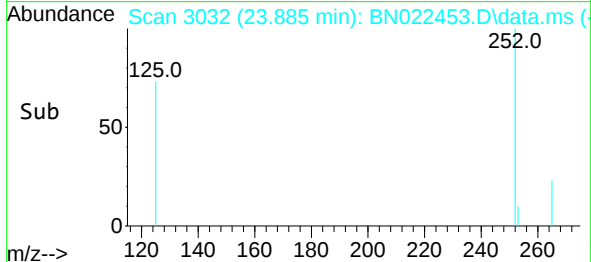
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20



Tgt Ion:252 Resp: 646
Ion Ratio Lower Upper
252 100
253 79.2 21.9 32.9#
125 174.9 22.9 34.3#

Manual Integrations
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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#41
Benzo(g,h,i)perylene
Concen: 0.276 ng
RT: 27.356 min Scan# 4219
Delta R.T. -0.003 min
Lab File: BN022453.D
Acq: 02 Nov 2022 03:55

Tgt Ion:276 Resp: 9414
Ion Ratio Lower Upper
276 100
277 50.6 19.5 29.3#
138 65.6 25.0 37.4#

