

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
 Data File : BN022355.D
 Acq On : 27 Oct 2022 04:25
 Operator : CG/JU
 Sample : N5234-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-04-15-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/27/2022
 Supervised By : Jagrut Upadhyay 10/28/2022

Quant Time: Oct 27 08:33:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 07:14:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3940	0.400	ng	0.00
7) Naphthalene-d8	10.762	136	12122	0.400	ng	#-0.01
13) Acenaphthene-d10	14.614	164	5872	0.400	ng	0.00
19) Phenanthrene-d10	17.366	188	11300	0.400	ng	# 0.00
29) Chrysene-d12	21.563	240	8366	0.400	ng	0.00
35) Perylene-d12	24.025	264	7672	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	2919	0.278	ng	0.00
5) Phenol-d6	7.097	99	3788	0.288	ng	0.00
8) Nitrobenzene-d5	9.118	82	2333m	0.223	ng	0.00
11) 2-Methylnaphthalene-d10	12.364	152	3999	0.210	ng	0.00
14) 2,4,6-Tribromophenol	16.112	330	557	0.221	ng	0.00
15) 2-Fluorobiphenyl	13.235	172	6122	0.244	ng	0.00
27) Fluoranthene-d10	19.402	212	6400	0.205	ng	0.00
31) Terphenyl-d14	20.001	244	5415	0.248	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.816	128	1416	0.039	ng	# 87
25) Phenanthrene	17.403	178	6460	0.167	ng	97
26) Anthracene	17.502	178	1283	0.039	ng	98
28) Fluoranthene	19.432	202	15634	0.372	ng	99
30) Pyrene	19.799	202	18939	0.492	ng	97
32) Benzo(a)anthracene	21.546	228	9650	0.293	ng	96
33) Chrysene	21.599	228	10192	0.296	ng	96
34) Bis(2-ethylhexyl)phtha...	21.465	149	13793	0.620	ng	98
36) Indeno(1,2,3-cd)pyrene	26.604	276	6438	0.170	ng	# 79
37) Benzo(b)fluoranthene	23.274	252	12760	0.363	ng	# 91
38) Benzo(k)fluoranthene	23.318	252	4378m	0.125	ng	
39) Benzo(a)pyrene	23.914	252	9660	0.338	ng	97
40) Dibenzo(a,h)anthracene	26.615	278	1570	0.053	ng	# 49
41) Benzo(g,h,i)perylene	27.396	276	6952	0.223	ng	95

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

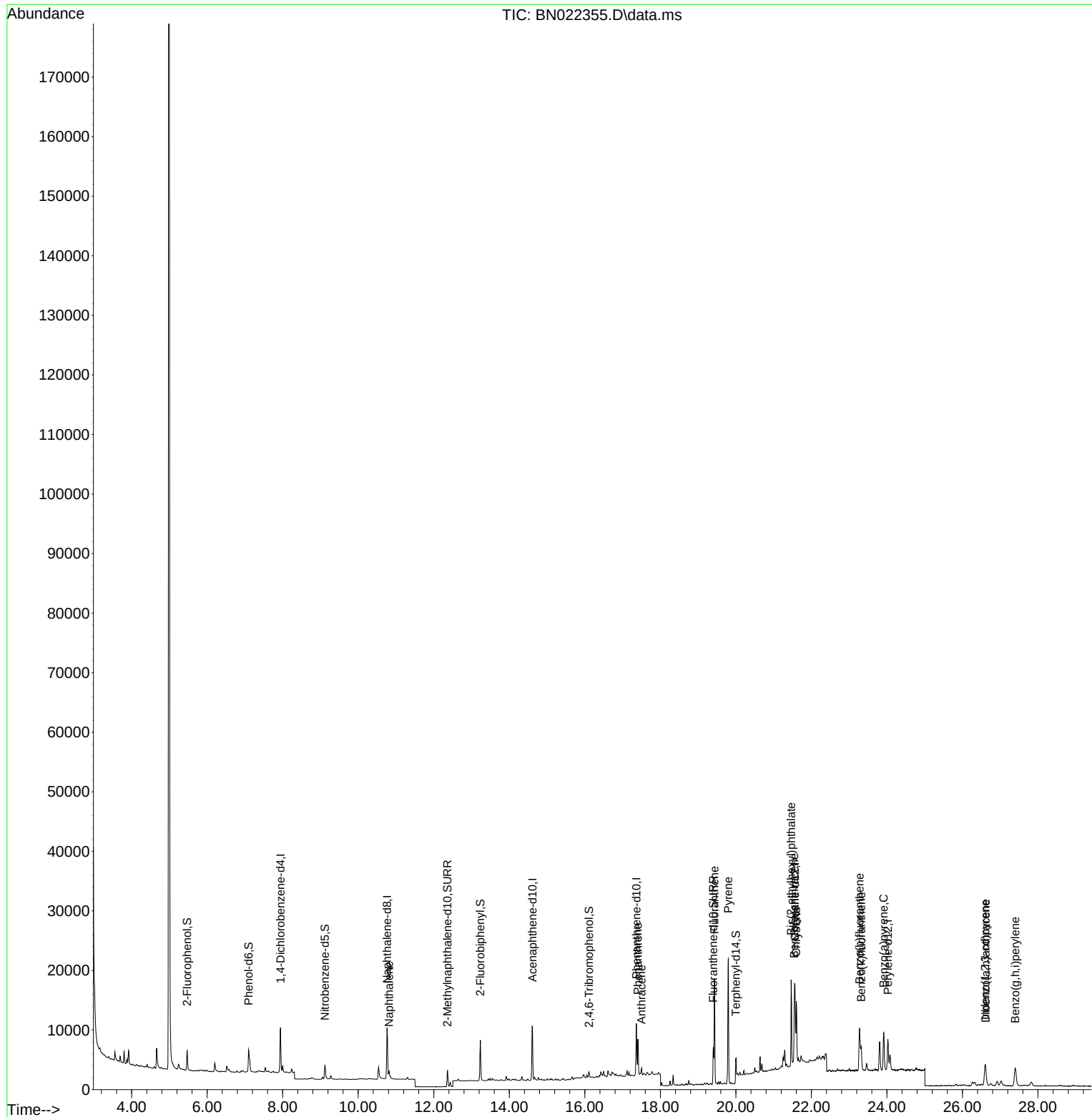
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022355.D
Acq On : 27 Oct 2022 04:25
Operator : CG/JU
Sample : N5234-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

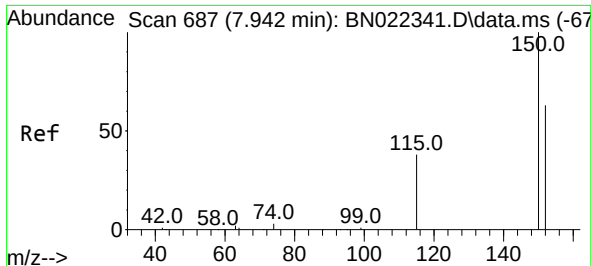
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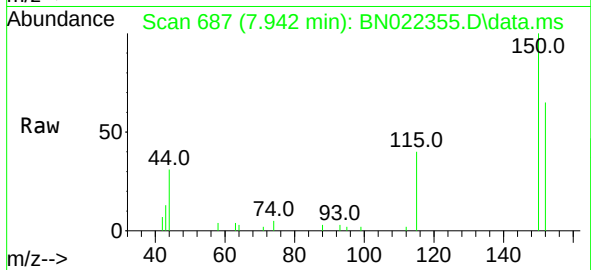
Quant Time: Oct 27 08:33:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 07:14:22 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 687
Delta R.T. -0.000 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

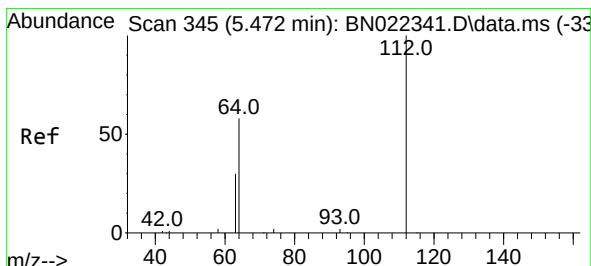
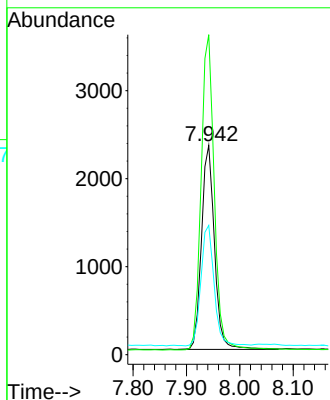
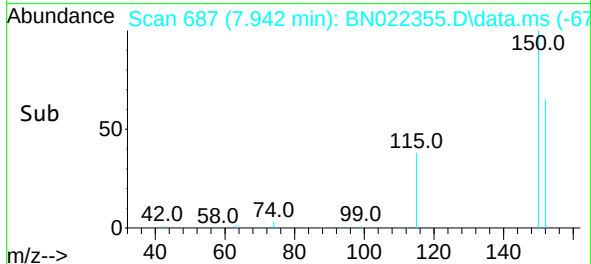
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



Tgt Ion:152 Resp: 3940
Ion Ratio Lower Upper
152 100
150 152.9 125.2 187.8
115 61.8 52.0 78.0

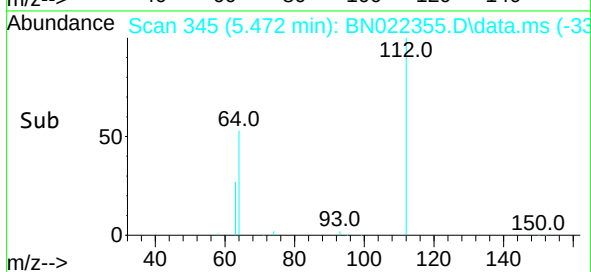
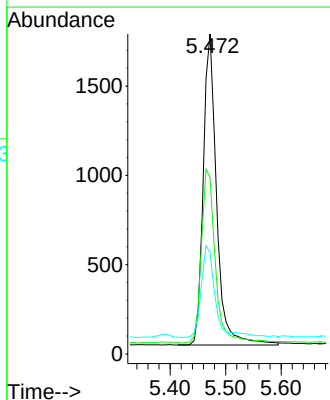
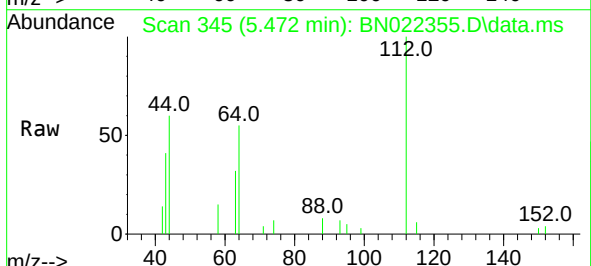
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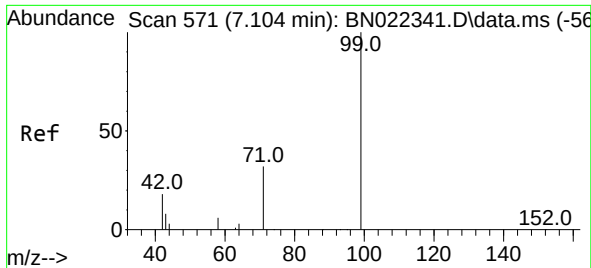
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.472 min Scan# 345
Delta R.T. -0.000 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

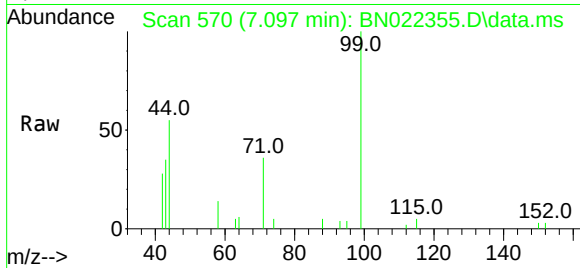
Tgt Ion:112 Resp: 2919
Ion Ratio Lower Upper
112 100
64 59.0 47.0 70.4
63 31.6 24.5 36.7





#5
Phenol-d6
Concen: 0.288 ng
RT: 7.097 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

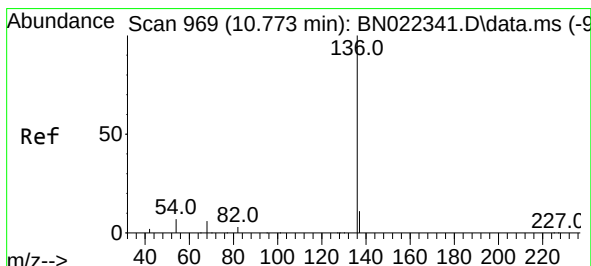
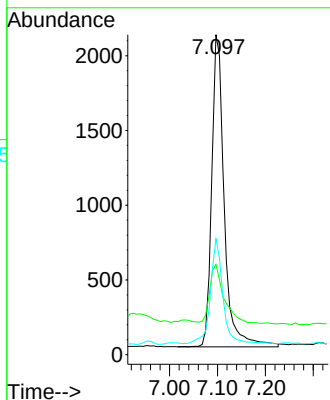
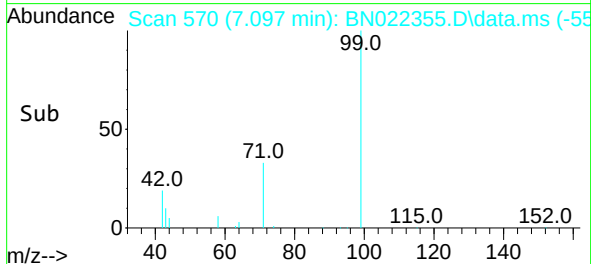
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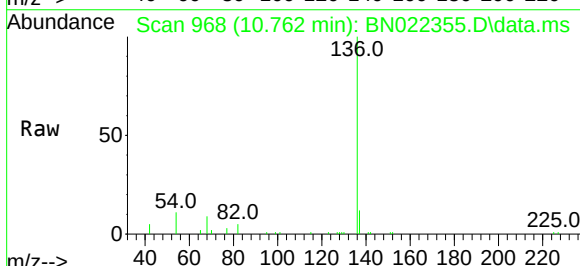
Tgt Ion: 99 Resp: 378
Ion Ratio Lower Upper
99 100
42 21.5 16.3 24.5
71 33.5 26.1 39.1

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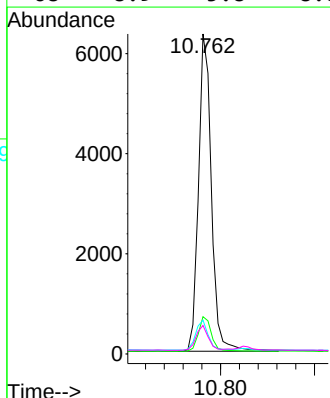
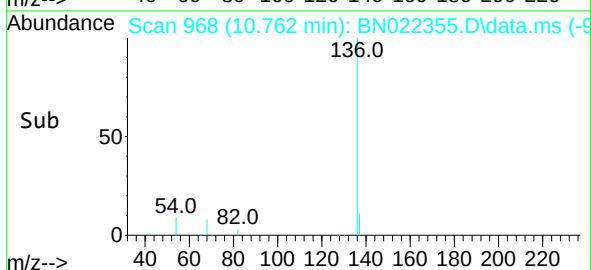
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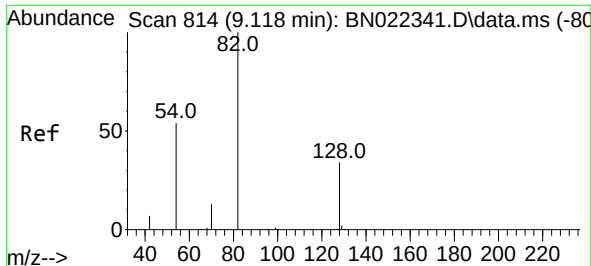


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.762 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25



Tgt Ion:136 Resp: 12122
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 10.6 6.5 9.7#
68 8.9 5.8 8.8#





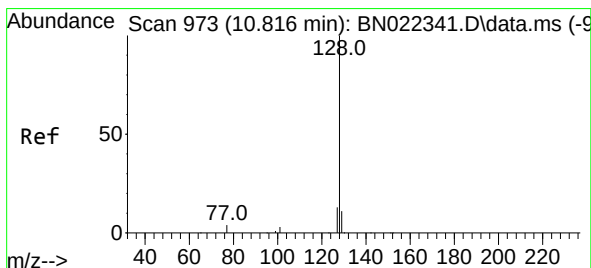
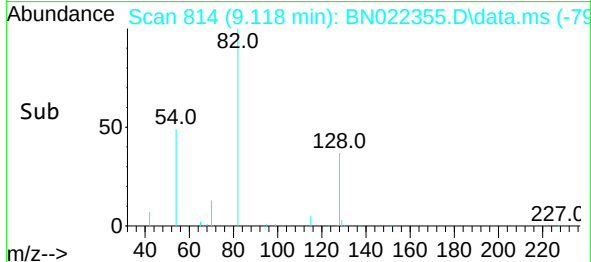
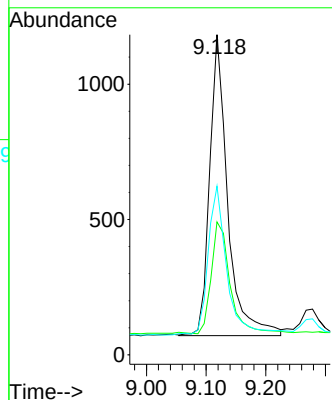
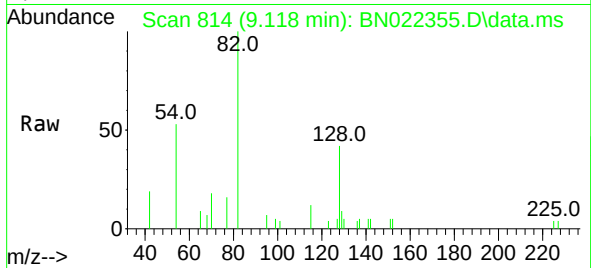
#8
Nitrobenzene-d5
Concen: 0.223 ng m
RT: 9.118 min Scan# 814
Delta R.T. -0.000 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3

Tgt Ion: 82 Resp: 233
Ion Ratio Lower Upper
82 100
128 41.5 30.5 45.7
54 52.7 45.2 67.8

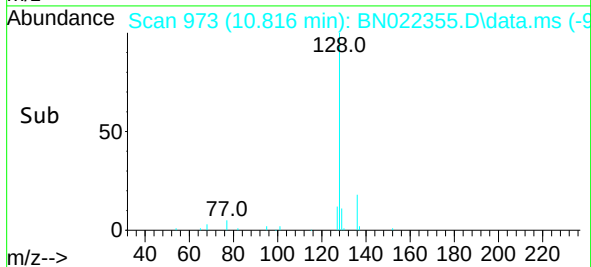
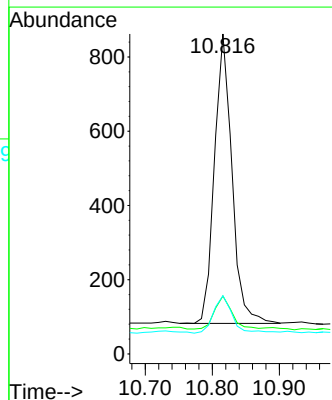
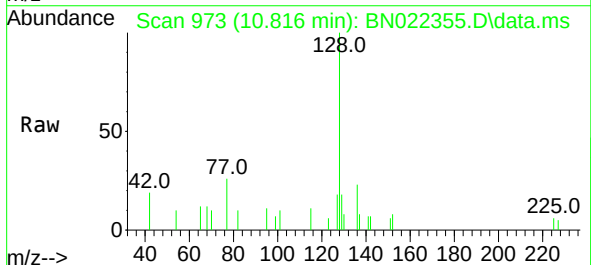
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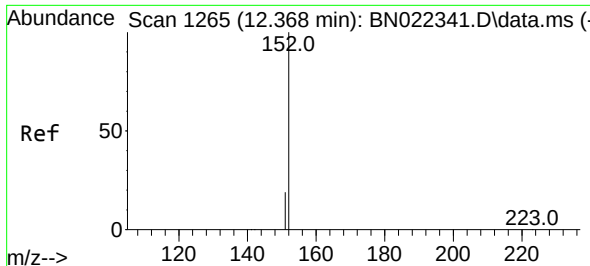
Reviewed By :Christian Giraldo 10/27/2022
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#9
Naphthalene
Concen: 0.039 ng
RT: 10.816 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

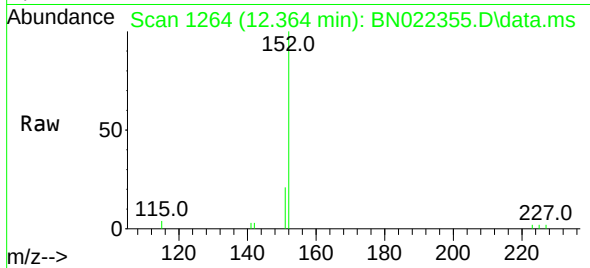
Tgt Ion:128 Resp: 1416
Ion Ratio Lower Upper
128 100
129 18.1 9.4 14.2#
127 18.2 11.0 16.6#





#11
2-Methylnaphthalene-d10
Concen: 0.210 ng
RT: 12.364 min Scan# 1265
Delta R.T. -0.004 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

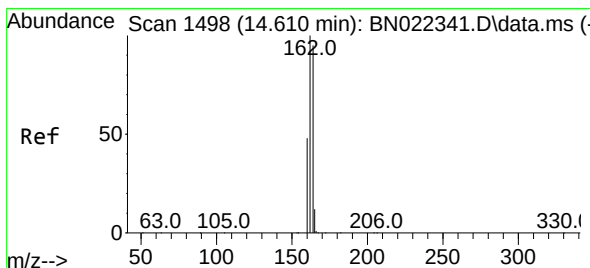
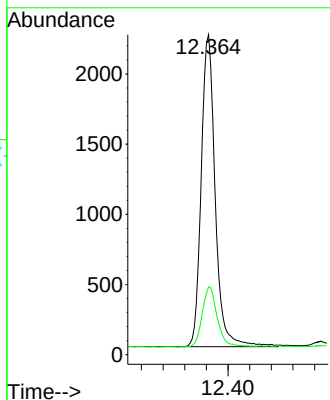
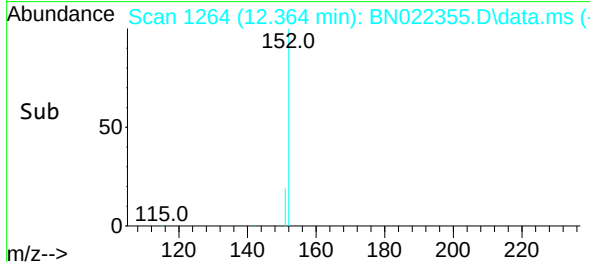
Instrument :
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LSP-SS-04-15-3



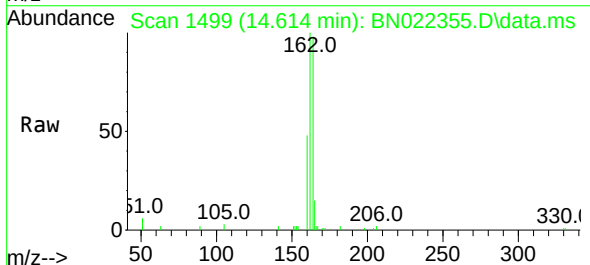
Tgt Ion:152 Resp: 3998
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

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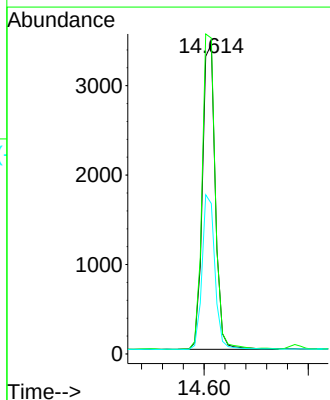
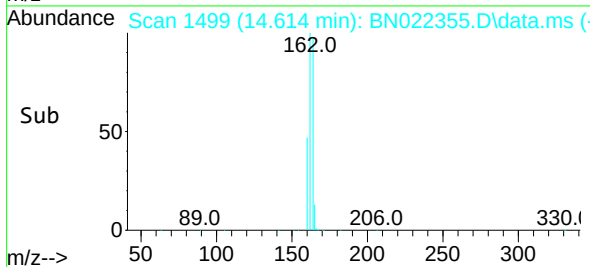
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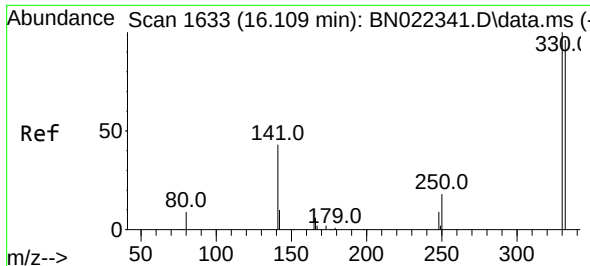


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.614 min Scan# 1499
Delta R.T. 0.004 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25



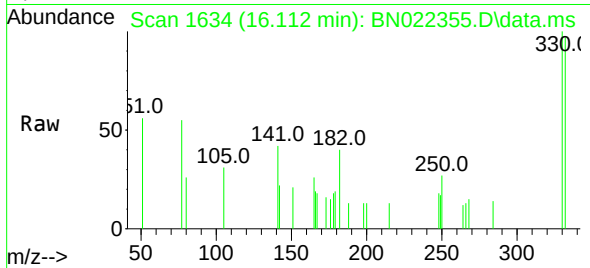
Tgt Ion:164 Resp: 5872
Ion Ratio Lower Upper
164 100
162 101.9 83.9 125.9
160 48.6 41.0 61.4





#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 16.112 min Scan# 1633
Delta R.T. 0.003 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

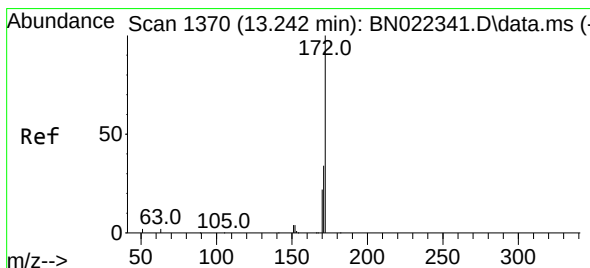
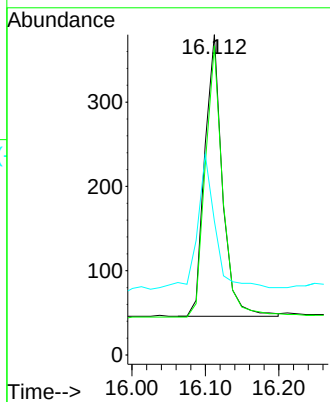
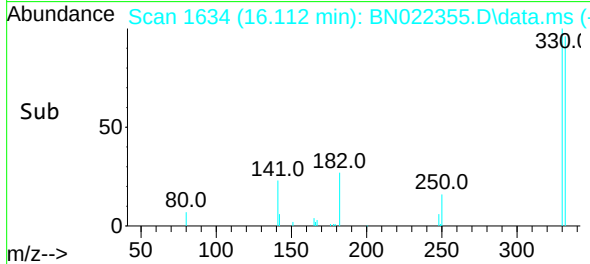
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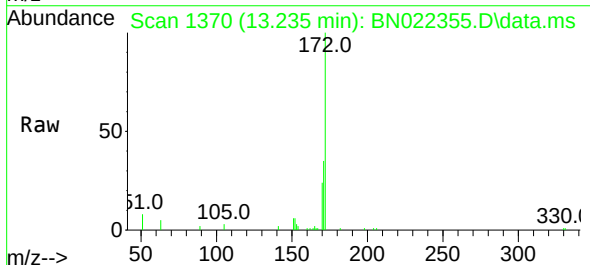
Tgt Ion:330 Resp: 55
Ion Ratio Lower Upper
330 100
332 96.6 78.6 118.0
141 45.4 40.2 60.4

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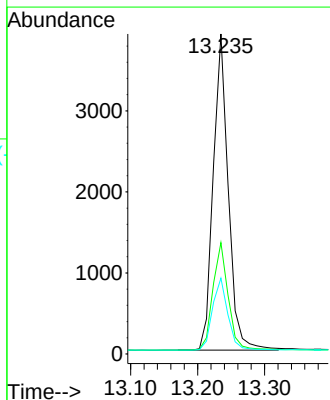
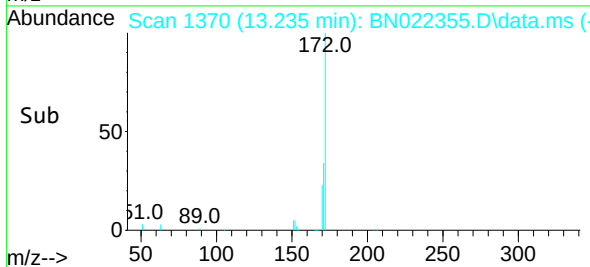
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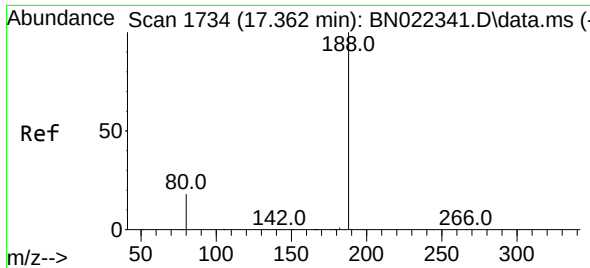


#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 13.235 min Scan# 1370
Delta R.T. -0.007 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25



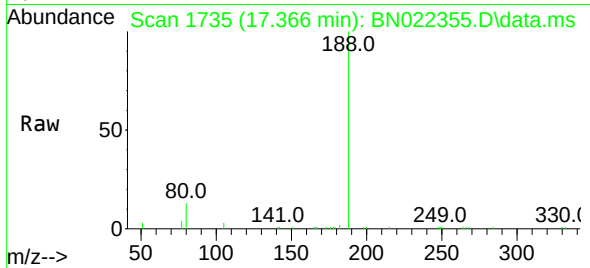
Tgt Ion:172 Resp: 6122
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.7 18.5 27.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.366 min Scan# 1734
Delta R.T. 0.003 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

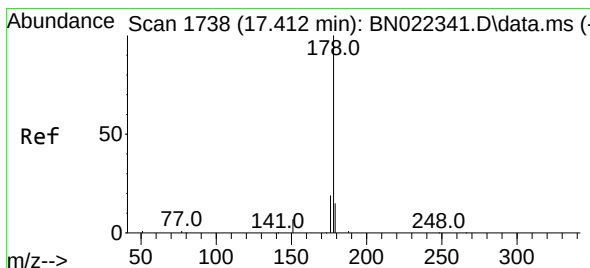
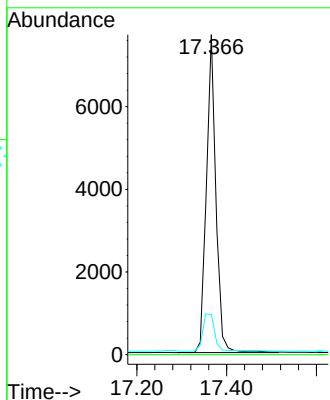
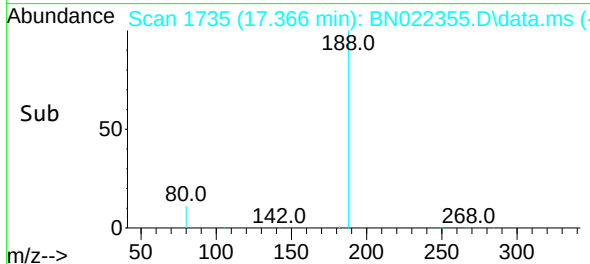
Instrument :
BNA_N
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Tgt Ion:188 Resp: 11300
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 15.0 22.6

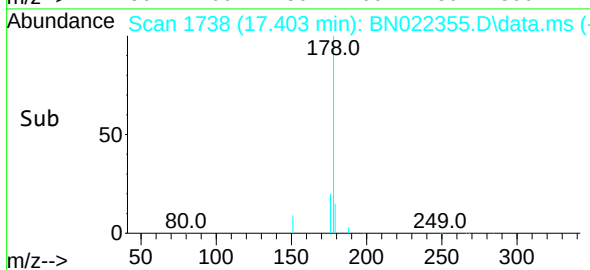
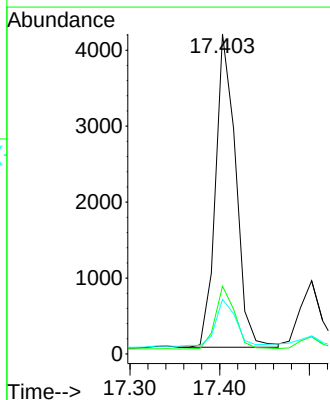
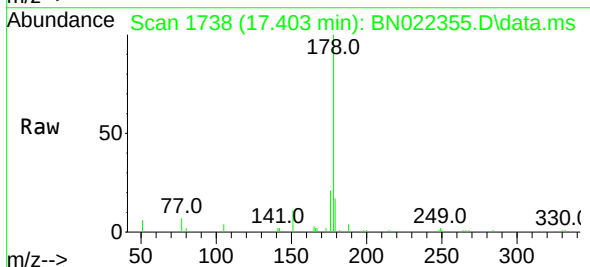
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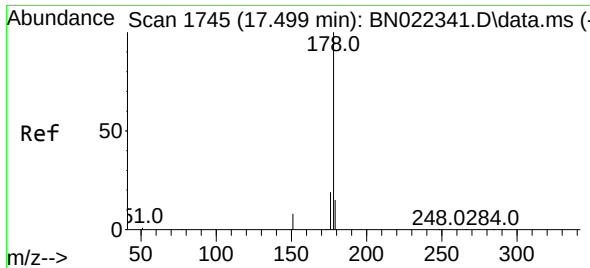
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#25
Phenanthrene
Concen: 0.167 ng
RT: 17.403 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

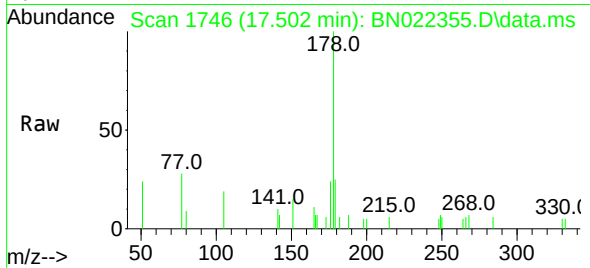
Tgt Ion:178 Resp: 6460
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 17.7 12.5 18.7





#26
 Anthracene
 Concen: 0.039 ng
 RT: 17.502 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BN022355.D
 Acq: 27 Oct 2022 04:25

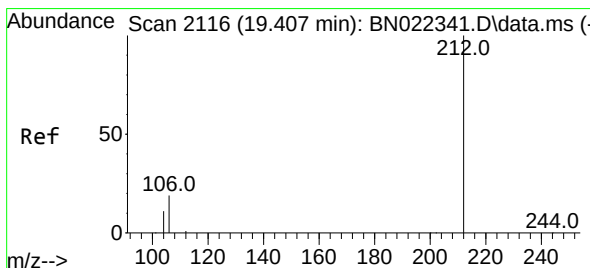
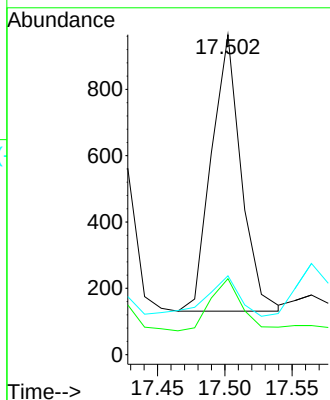
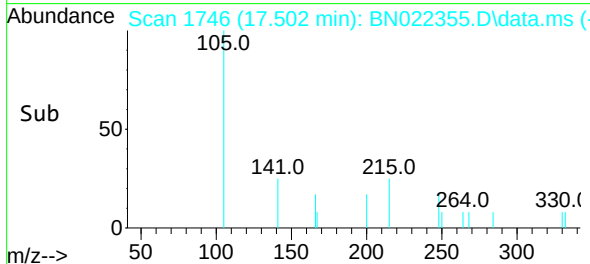
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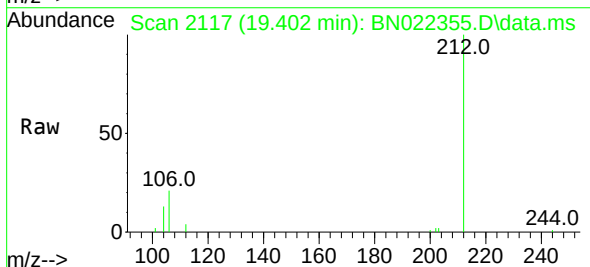
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 Ion Ratio Lower Upper
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 176 20.2 15.0 22.4
 179 15.8 12.2 18.4

Manual Integrations
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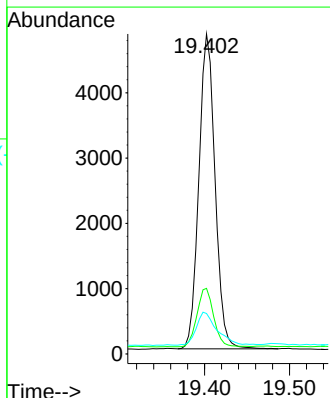
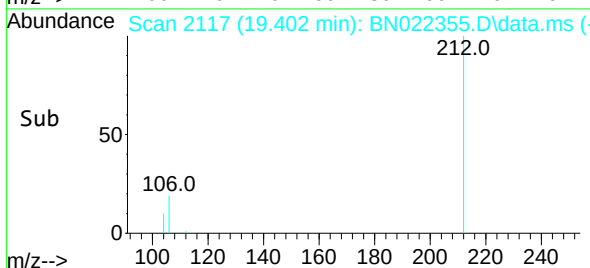
Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/28/2022

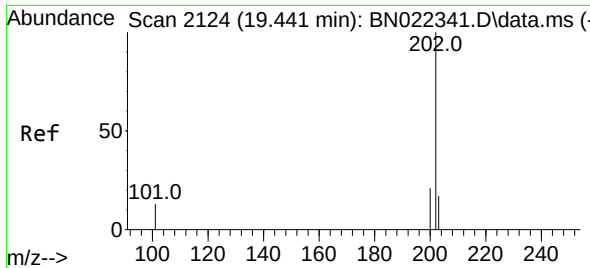


#27
 Fluoranthene-d10
 Concen: 0.205 ng
 RT: 19.402 min Scan# 2117
 Delta R.T. -0.005 min
 Lab File: BN022355.D
 Acq: 27 Oct 2022 04:25



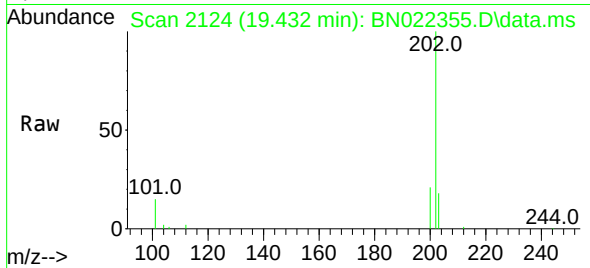
Tgt Ion:212 Resp: 6400
 Ion Ratio Lower Upper
 212 100
 106 19.0 15.0 22.4
 104 13.2 9.3 13.9





#28
Fluoranthene
Concen: 0.372 ng
RT: 19.432 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

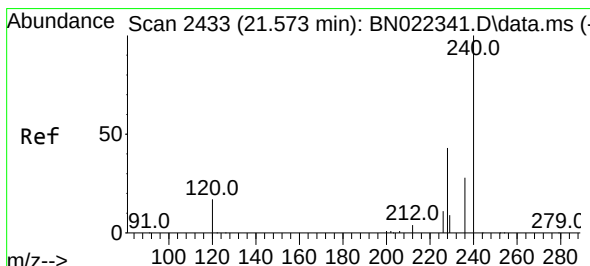
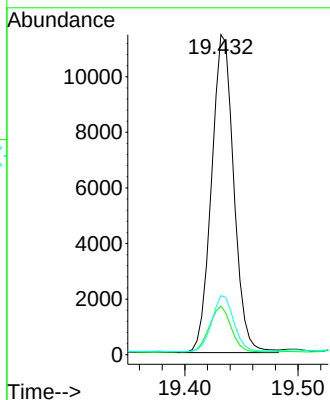
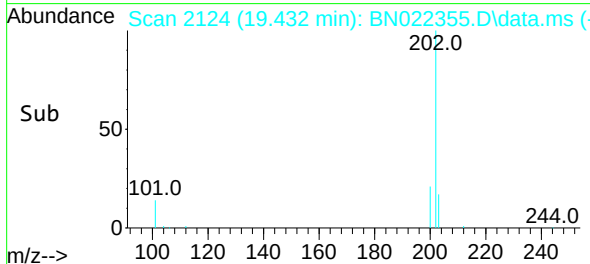
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



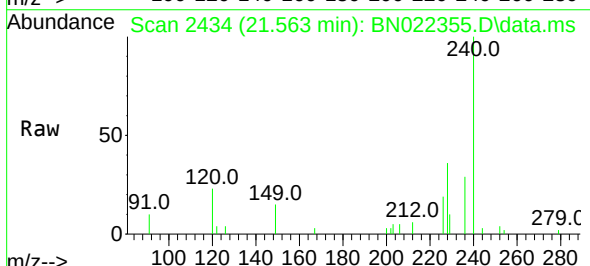
Tgt Ion:202 Resp: 15634
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
203 17.6 13.7 20.5

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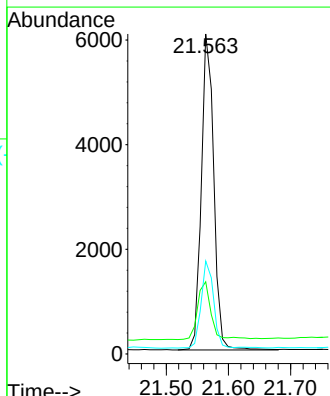
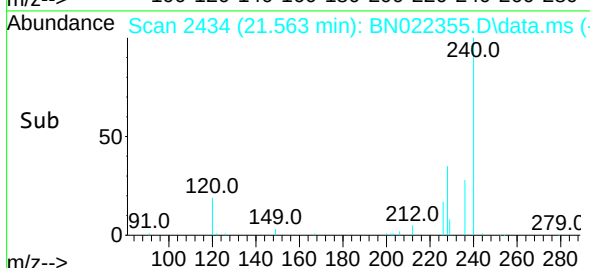
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

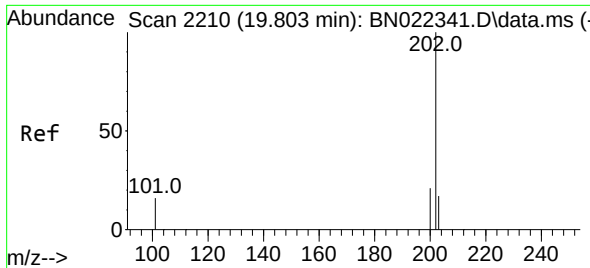


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.563 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25



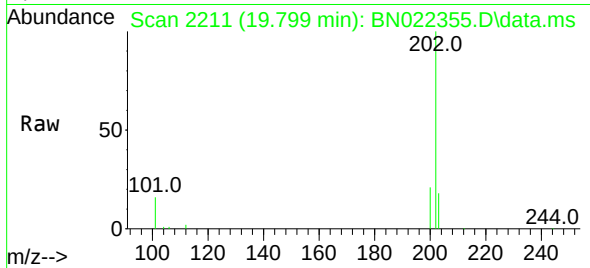
Tgt Ion:240 Resp: 8366
Ion Ratio Lower Upper
240 100
120 22.6 15.8 23.6
236 29.0 23.2 34.8





#30
Pyrene
Concen: 0.492 ng
RT: 19.799 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

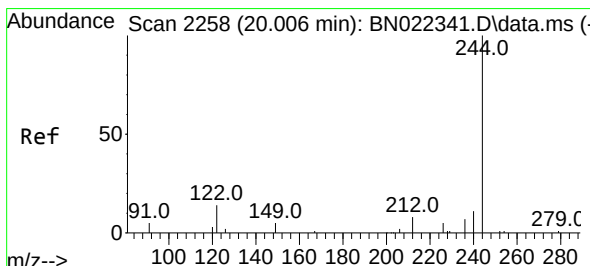
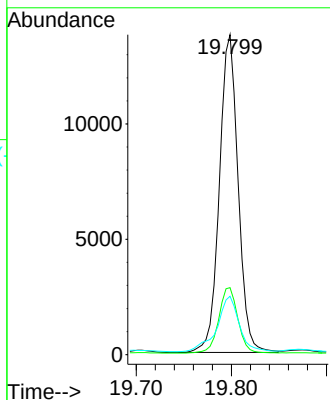
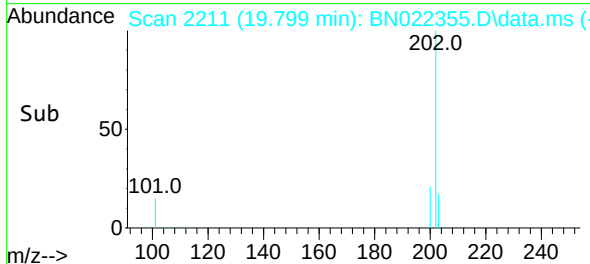
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



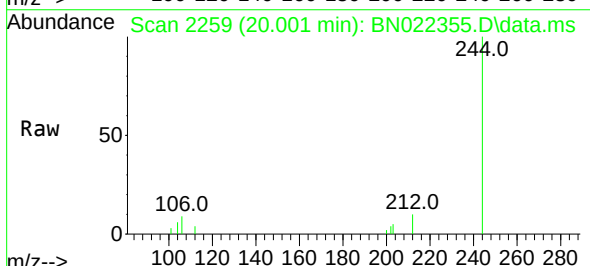
Tgt Ion:202 Resp: 18939
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 20.6 14.2 21.2

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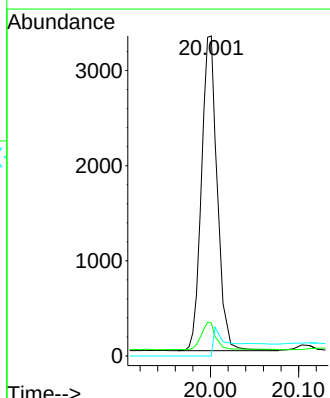
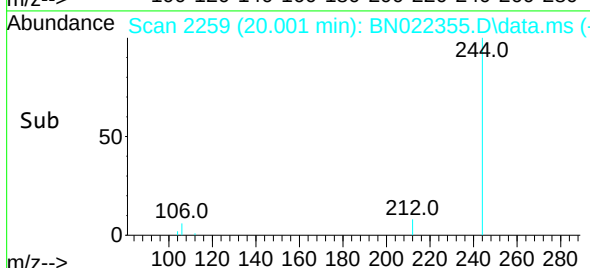
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

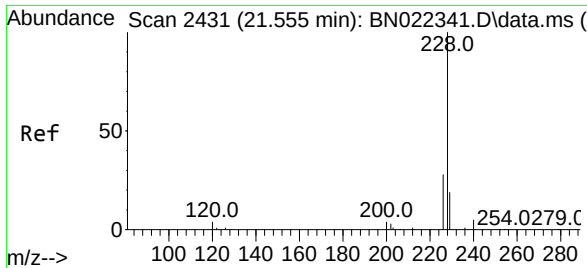


#31
Terphenyl-d14
Concen: 0.248 ng
RT: 20.001 min Scan# 2259
Delta R.T. -0.005 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25



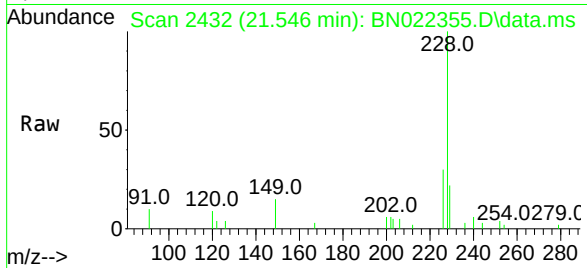
Tgt Ion:244 Resp: 5415
Ion Ratio Lower Upper
244 100
212 10.3 7.0 10.4
122 0.0 11.5 17.3#





#32
Benzo(a)anthracene
Concen: 0.293 ng
RT: 21.546 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

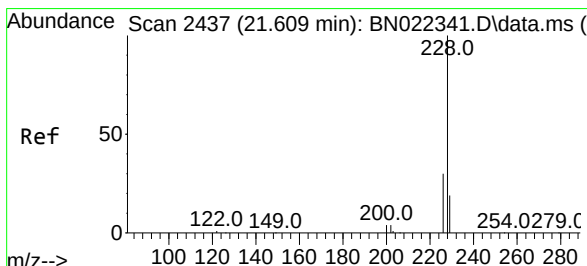
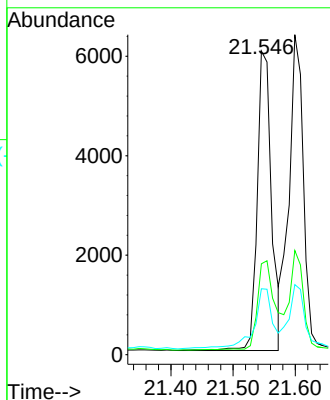
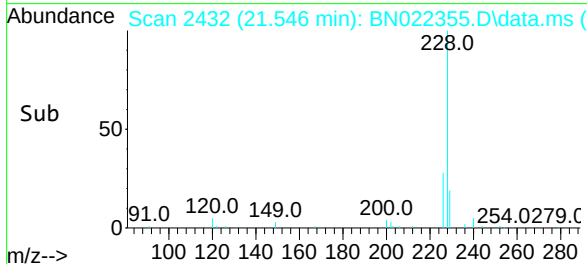
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



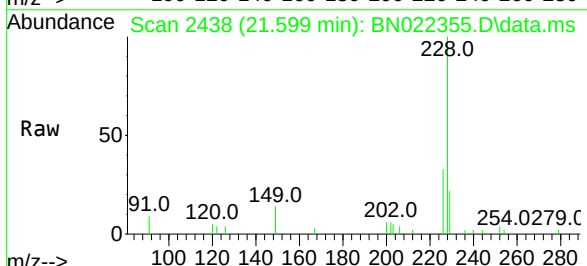
Tgt Ion:228 Resp: 9650
Ion Ratio Lower Upper
228 100
226 29.9 22.6 34.0
229 21.7 15.5 23.3

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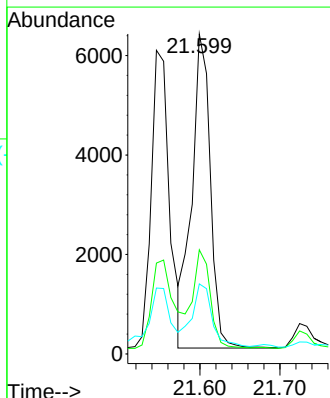
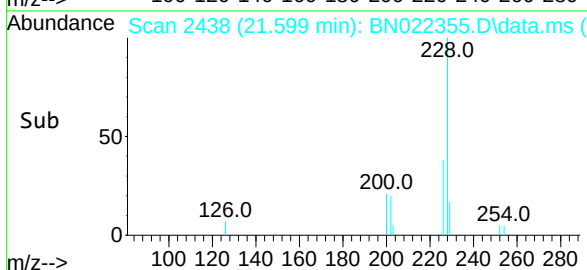
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

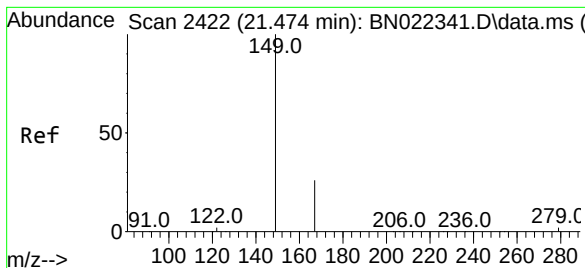


#33
Chrysene
Concen: 0.296 ng
RT: 21.599 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25



Tgt Ion:228 Resp: 10192
Ion Ratio Lower Upper
228 100
226 32.6 24.5 36.7
229 21.9 15.6 23.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.620 ng

RT: 21.465 min Scan# 2423

Delta R.T. -0.009 min

Lab File: BN022355.D

Acq: 27 Oct 2022 04:25

Instrument :

BNA_N

ClientSampleId :

LSP-SS-04-15-3

Tgt Ion:149 Resp: 1379

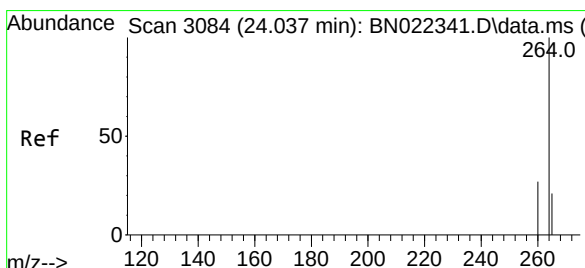
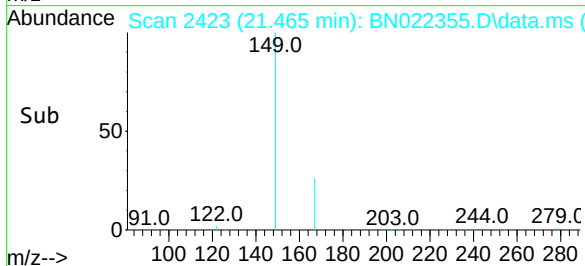
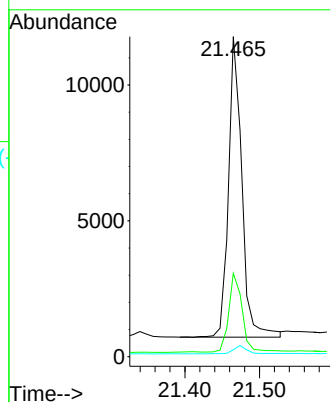
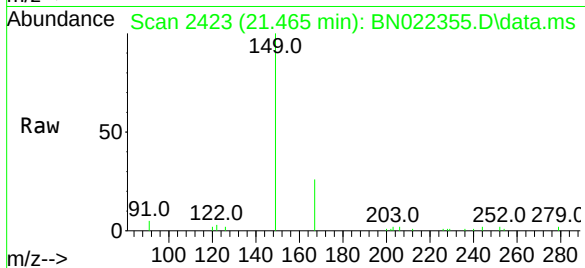
Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.2	30.4
279	2.8	2.3	3.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/28/2022



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.025 min Scan# 3082

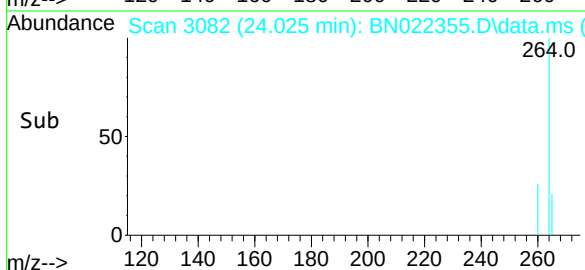
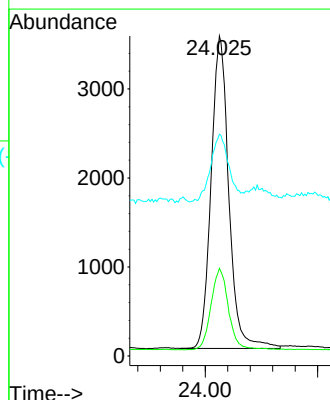
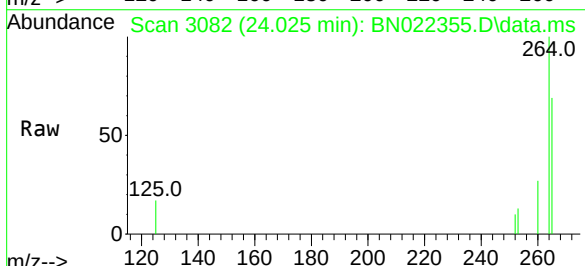
Delta R.T. -0.012 min

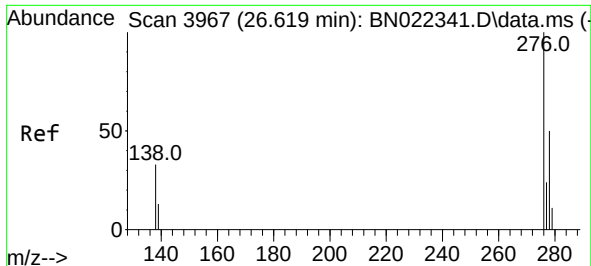
Lab File: BN022355.D

Acq: 27 Oct 2022 04:25

Tgt Ion:264 Resp: 7672

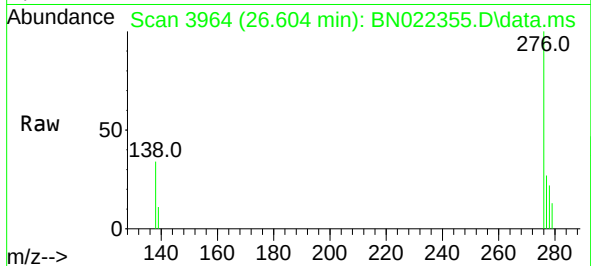
Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.1	33.1
265	69.3	53.0	79.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng
RT: 26.604 min Scan# 3964
Delta R.T. -0.015 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

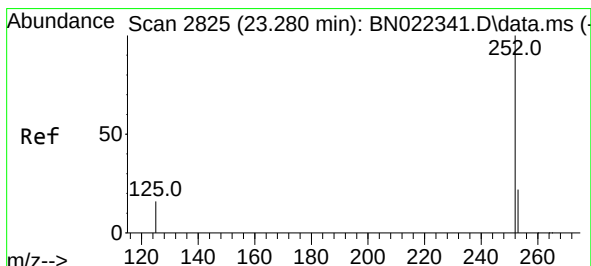
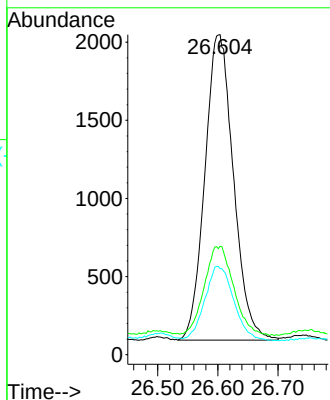
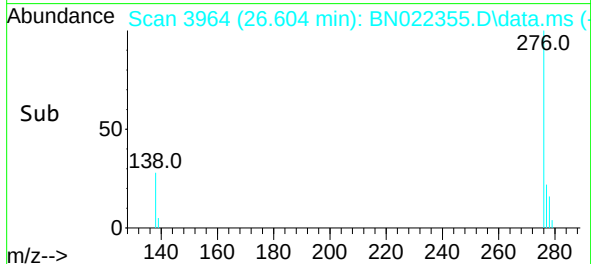
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



Tgt Ion:276 Resp: 6438
Ion Ratio Lower Upper
276 100
138 14.6 28.2 42.2
277 24.5 19.7 29.5

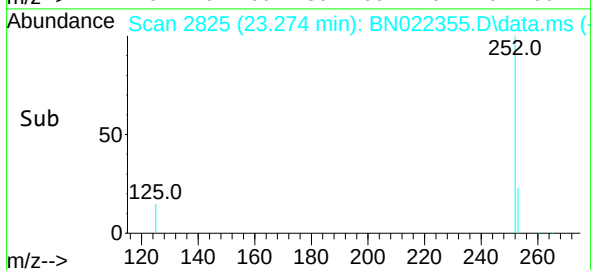
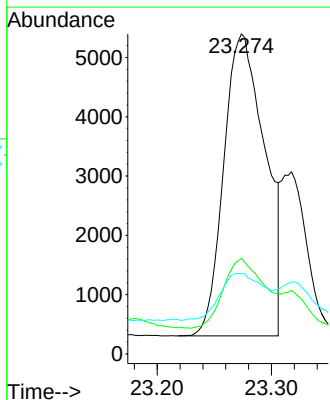
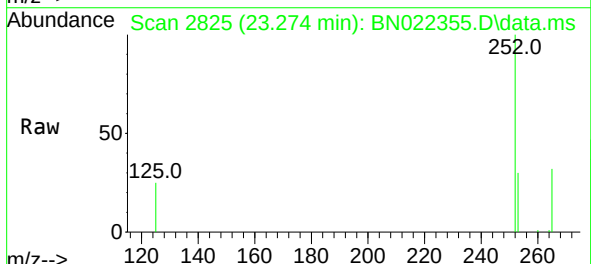
Manual Integrations
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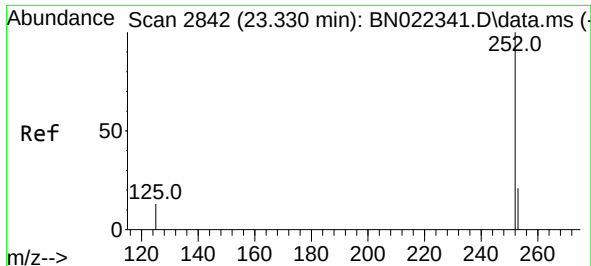
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 23.274 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

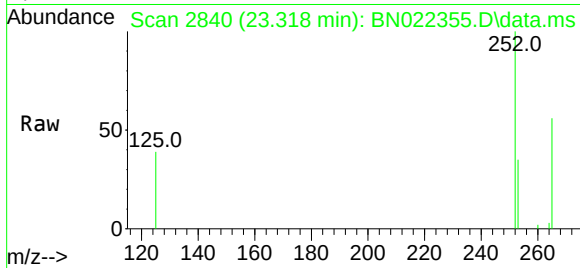
Tgt Ion:252 Resp: 12760
Ion Ratio Lower Upper
252 100
253 29.8 20.4 30.6
125 25.1 16.6 25.0#





#38
Benzo(k)fluoranthene
Concen: 0.125 ng m
RT: 23.318 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

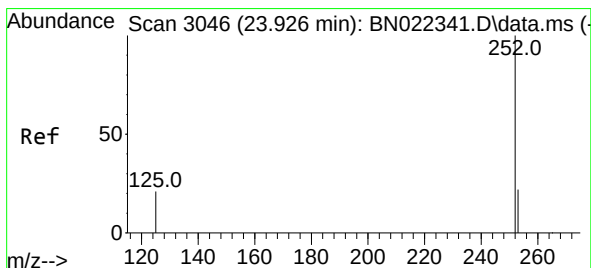
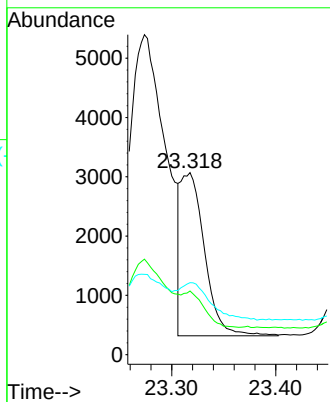
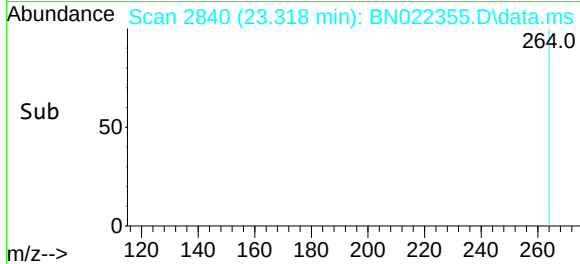
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



Tgt Ion:252 Resp: 4378
Ion Ratio Lower Upper
252 100
253 35.0 19.8 29.8
125 39.5 15.0 22.6

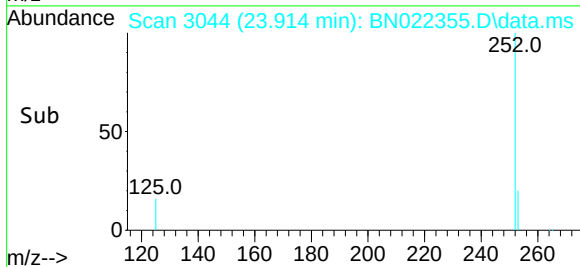
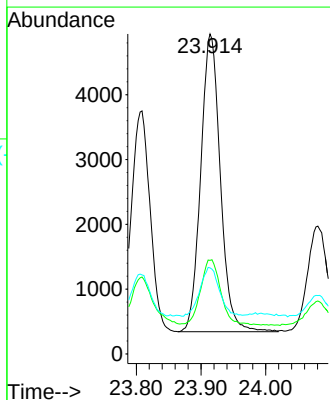
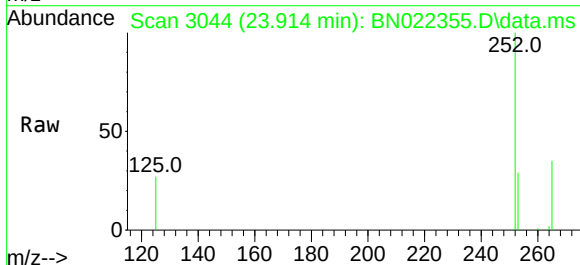
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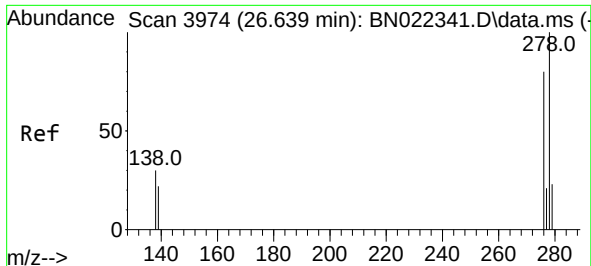
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#39
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.914 min Scan# 3044
Delta R.T. -0.012 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

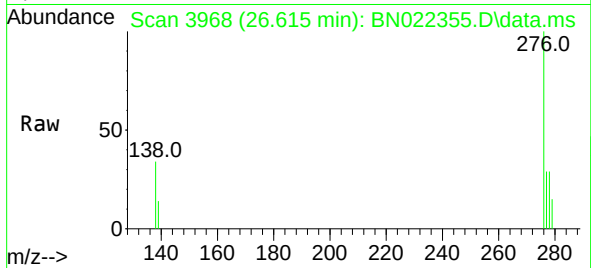
Tgt Ion:252 Resp: 9660
Ion Ratio Lower Upper
252 100
253 29.3 21.9 32.9
125 26.9 22.9 34.3





#40
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 26.615 min Scan# 3968
Delta R.T. -0.024 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

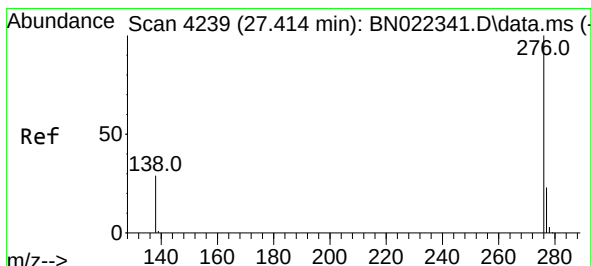
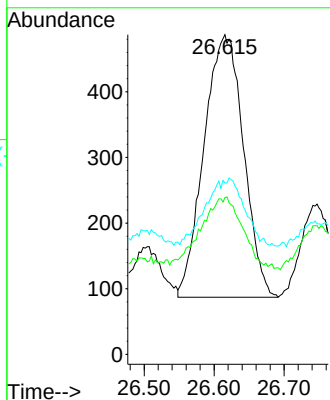
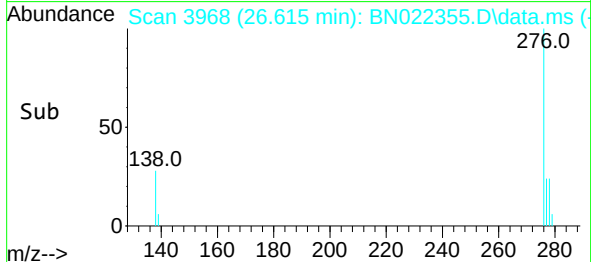
Instrument :
BNA_N
ClientSampleId :
LSP-SS-04-15-3



Tgt Ion:278 Resp: 1570
Ion Ratio Lower Upper
278 100
139 49.1 20.2 30.2
279 53.6 21.0 31.4

Manual Integrations
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Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#41
Benzo(g,h,i)perylene
Concen: 0.223 ng
RT: 27.396 min Scan# 4235
Delta R.T. -0.018 min
Lab File: BN022355.D
Acq: 27 Oct 2022 04:25

Tgt Ion:276 Resp: 6952
Ion Ratio Lower Upper
276 100
277 27.0 19.5 29.3
138 33.9 25.0 37.4

