

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027255.D
 Acq On : 30 Aug 2023 00:48
 Operator : MA/JU
 Sample : 04126-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20230821

Quant Time: Aug 30 01:26:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

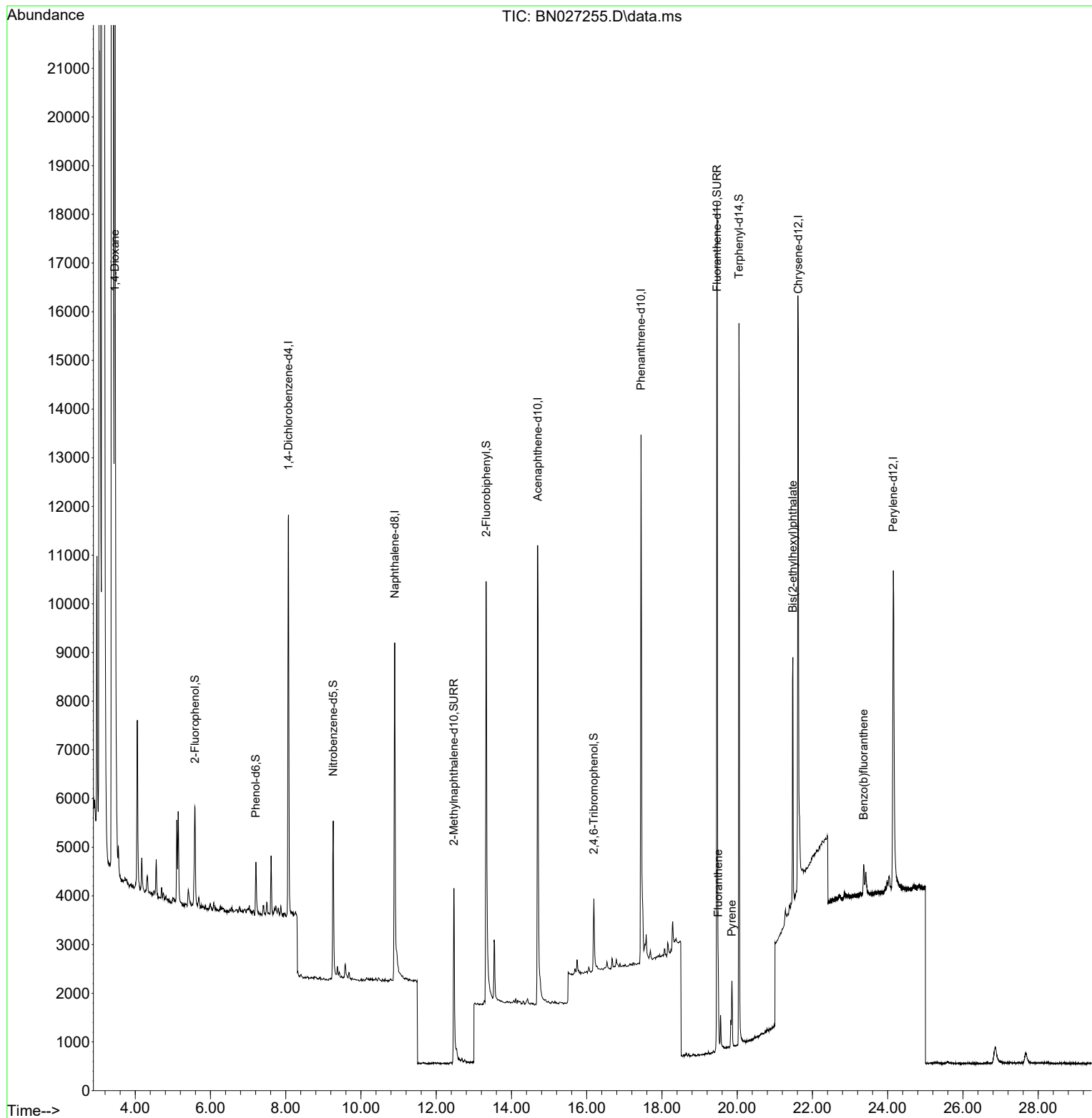
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	4164	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	11246	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6936	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	16120	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13757	0.400	ng	0.00
35) Perylene-d12	24.148	264	12375	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1803	0.166	ng	0.00
5) Phenol-d6	7.207	99	1214	0.092	ng	0.00
8) Nitrobenzene-d5	9.262	82	3090	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	6551	0.397	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1007	0.392	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	9931	0.377	ng	0.00
27) Fluoranthene-d10	19.462	212	20180	0.504	ng	0.00
31) Terphenyl-d14	20.048	244	14802	0.536	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	26377	5.189	ng	94
28) Fluoranthene	19.495	202	1312	0.024	ng	97
30) Pyrene	19.857	202	1285	0.023	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.479	149	5272	0.232	ng	# 96
37) Benzo(b)fluoranthene	23.361	252	986	0.021	ng	# 1

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

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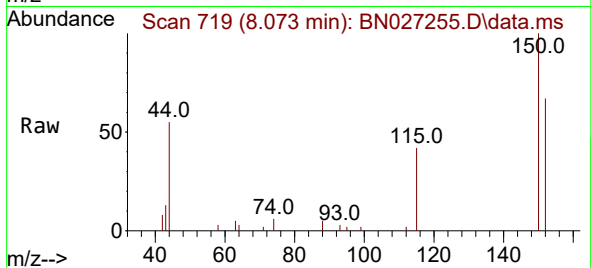
Quant Time: Aug 30 01:26:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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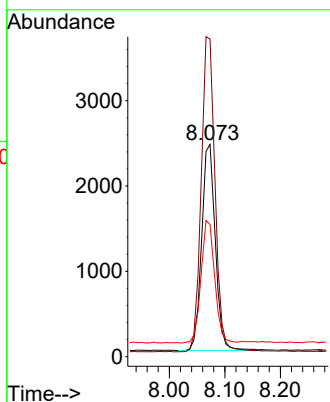
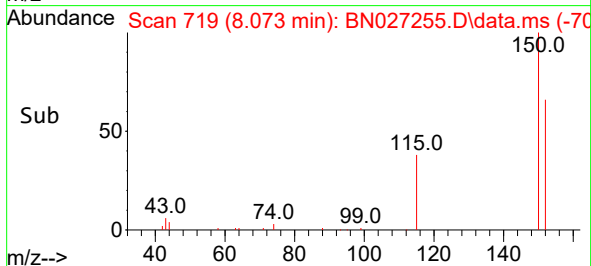


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027255.D
 Acq: 30 Aug 2023 00:48

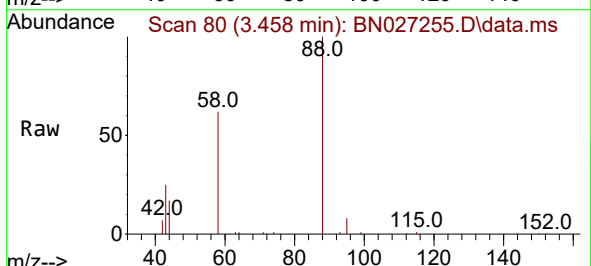
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20230821



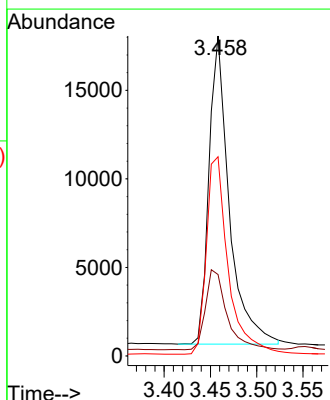
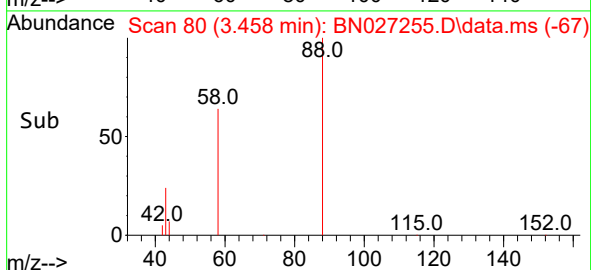
Tgt Ion:152 Resp: 4164
 Ion Ratio Lower Upper
 152 100
 150 149.7 122.7 184.1
 115 62.2 48.6 73.0



#2
 1,4-Dioxane
 Concen: 5.189 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027255.D
 Acq: 30 Aug 2023 00:48



Tgt Ion: 88 Resp: 26377
 Ion Ratio Lower Upper
 88 100
 43 27.7 19.1 28.7
 58 69.0 52.2 78.2

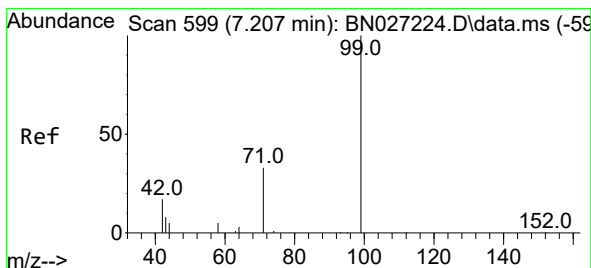
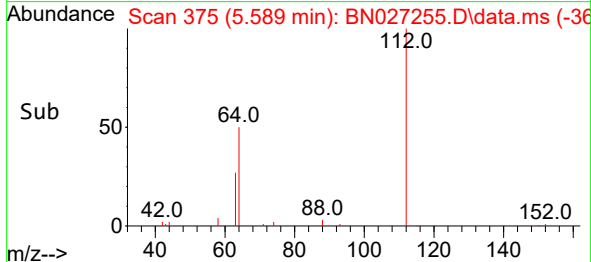
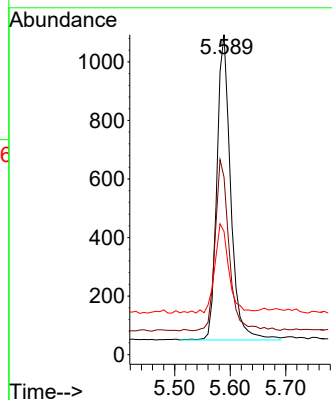
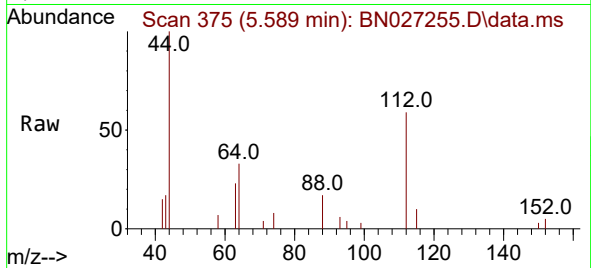




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

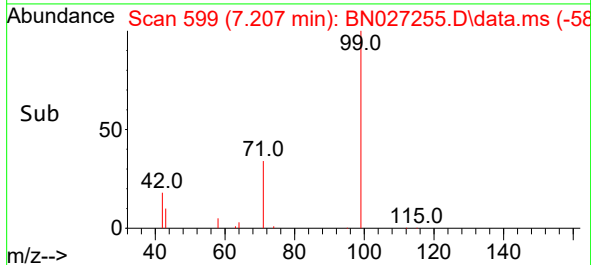
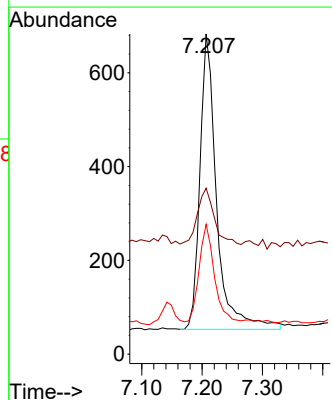
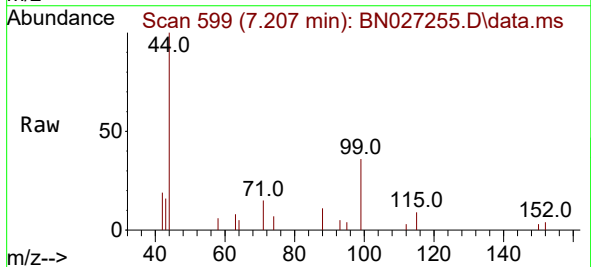
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821

Tgt Ion:112 Resp: 1803
Ion Ratio Lower Upper
112 100
64 56.4 44.4 66.6
63 29.6 23.1 34.7



#5
Phenol-d6
Concen: 0.092 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

Tgt Ion: 99 Resp: 1214
Ion Ratio Lower Upper
99 100
42 19.2 14.5 21.7
71 29.7 25.8 38.6

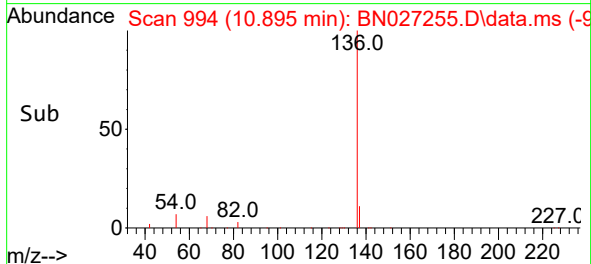
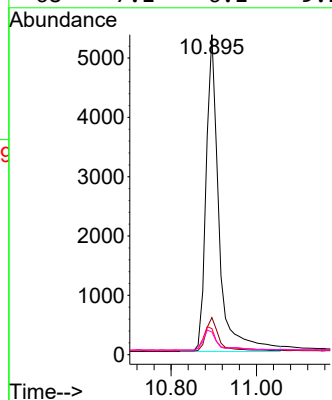
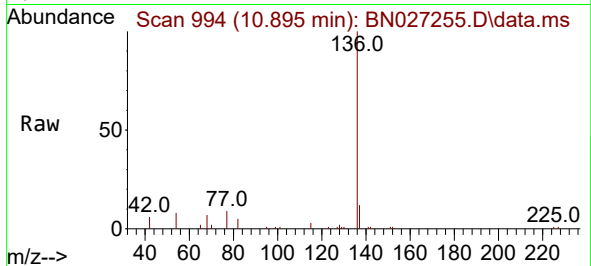




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

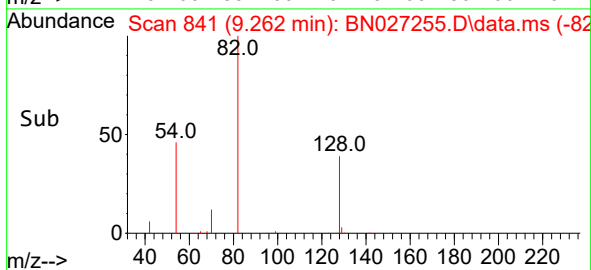
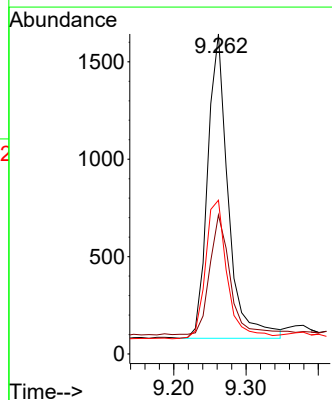
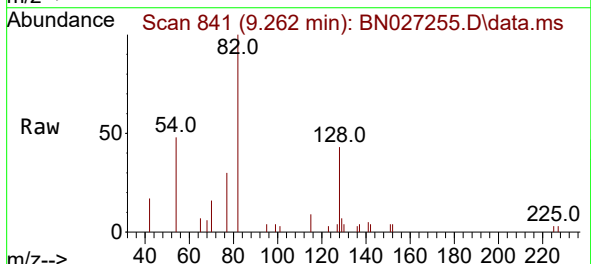
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821

Tgt Ion:136	Resp:	11246
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	8.2	6.7 10.1
68	7.1	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

Tgt Ion: 82	Resp:	3090
Ion Ratio	Lower	Upper
82	100	
128	43.5	33.4 50.0
54	48.1	37.7 56.5

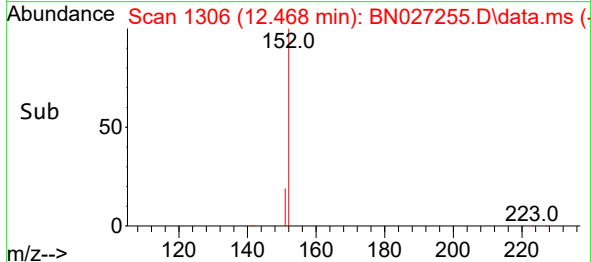
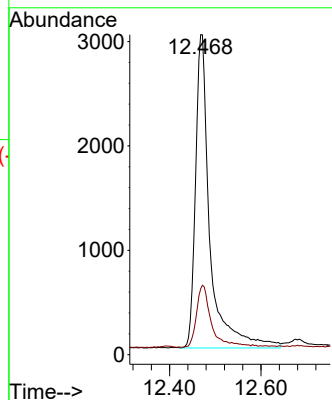
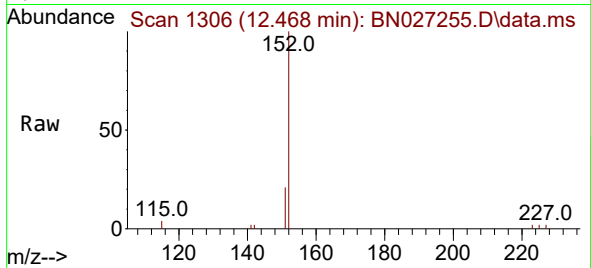




#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.468 min Scan# 1306
Delta R.T. -0.004 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

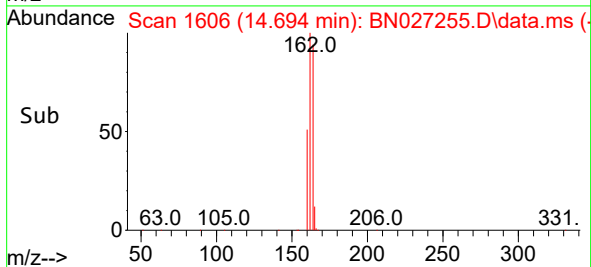
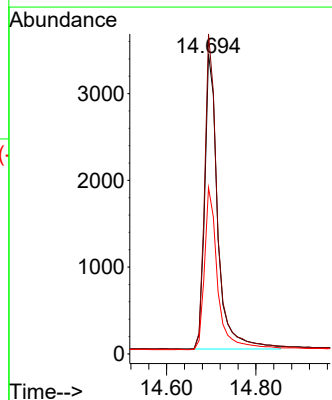
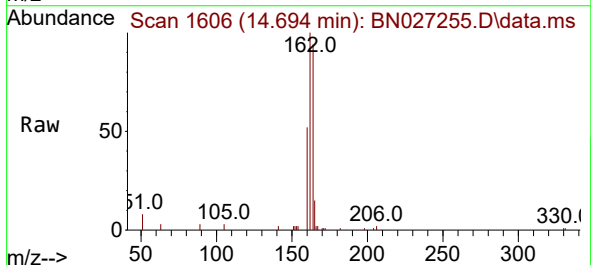
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821

Tgt Ion:152 Resp: 6551
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

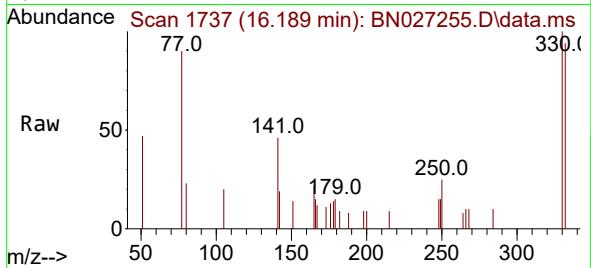
Tgt Ion:164 Resp: 6936
Ion Ratio Lower Upper
164 100
162 106.6 85.8 128.8
160 55.4 44.2 66.2



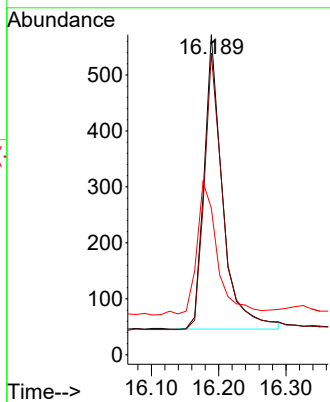
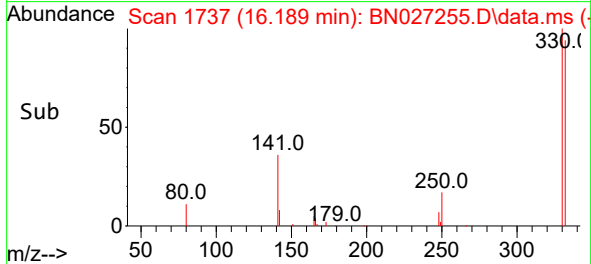


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

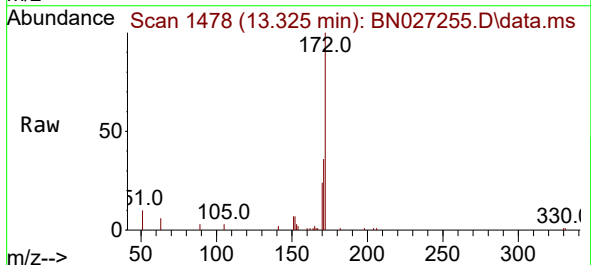
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821



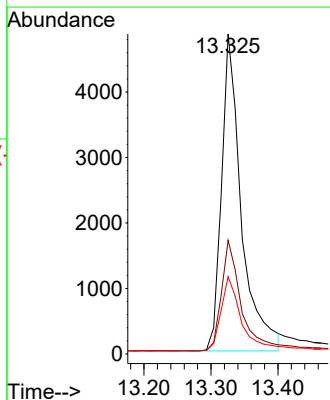
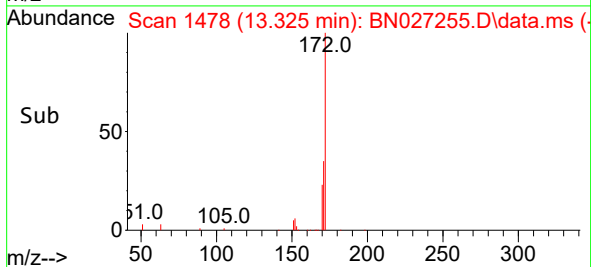
Tgt Ion: 330 Resp: 1007
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 49.9 36.2 54.4

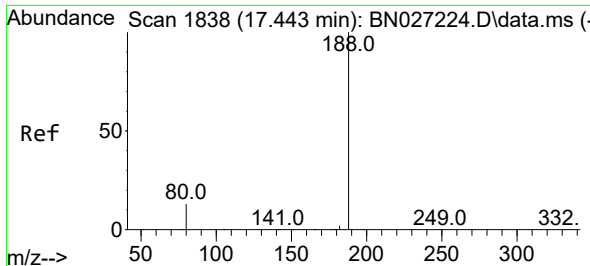


#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48



Tgt Ion: 172 Resp: 9931
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 24.2 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027255.D

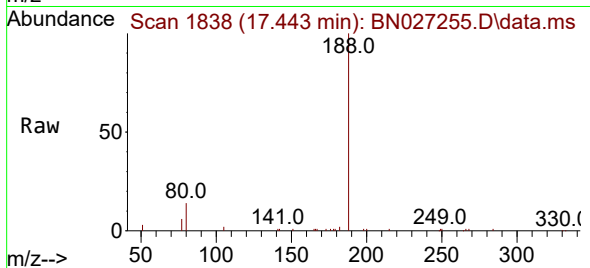
Acq: 30 Aug 2023 00:48

Instrument :

BNA_N

ClientSampleId :

RE132D4-20230821



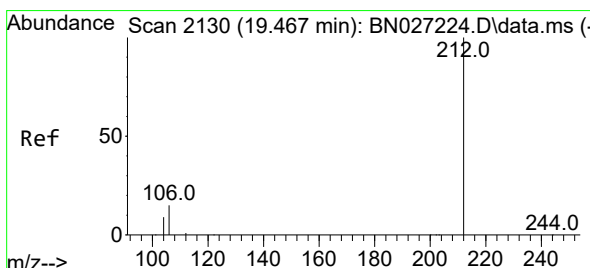
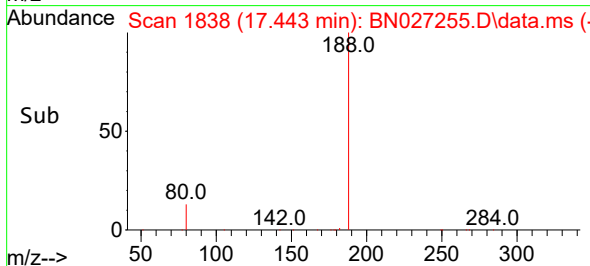
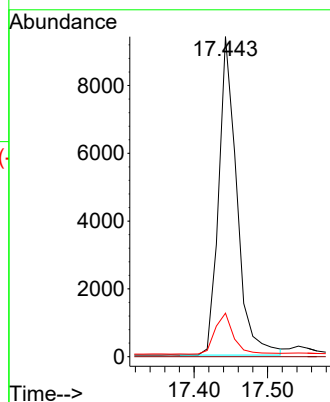
Tgt Ion:188 Resp: 16120

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.504 ng

RT: 19.462 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BN027255.D

Acq: 30 Aug 2023 00:48

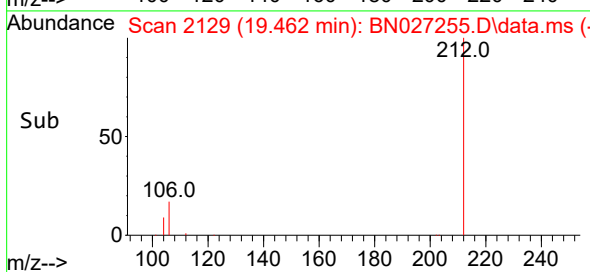
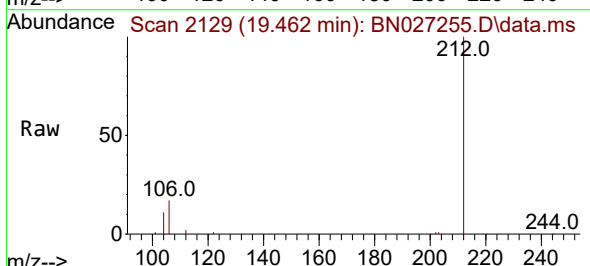
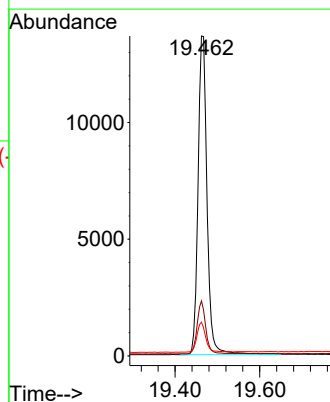
Tgt Ion:212 Resp: 20180

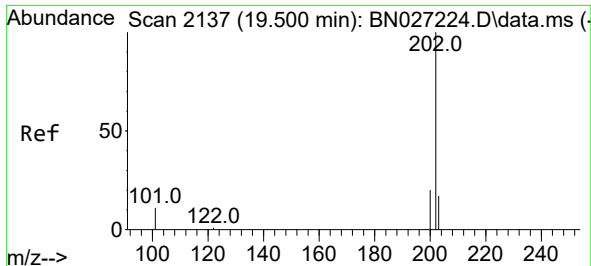
Ion Ratio Lower Upper

212 100

106 15.9 12.1 18.1

104 9.4 6.9 10.3

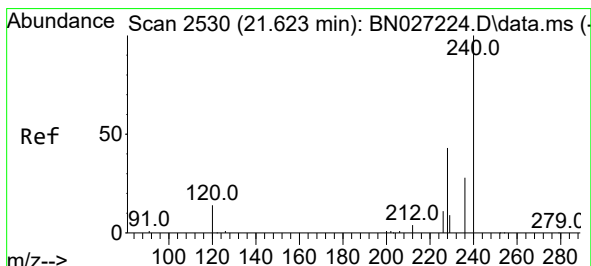
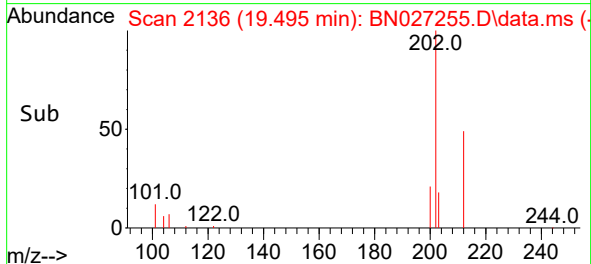
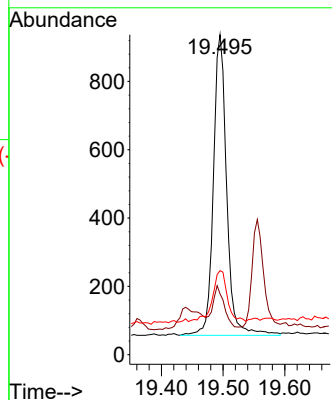
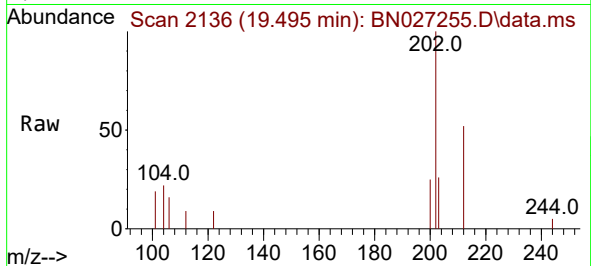




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.495 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

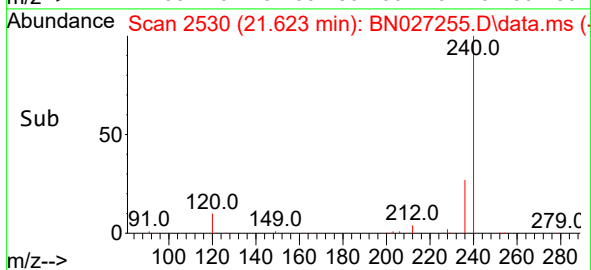
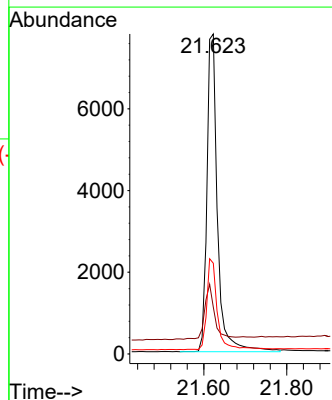
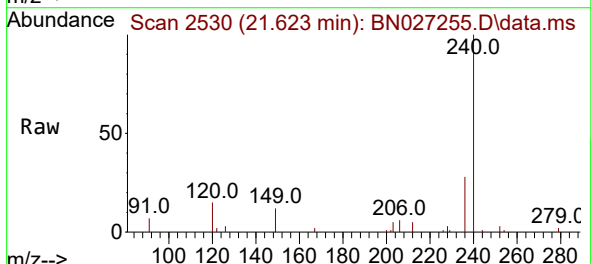
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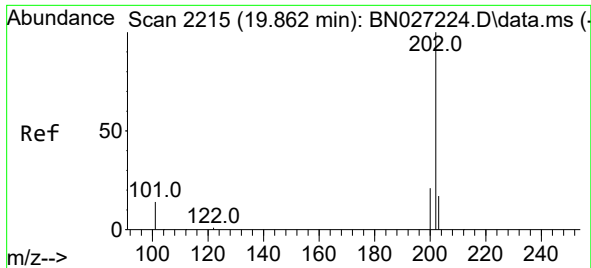
Tgt Ion:202 Resp: 1312
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
203 18.9 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

Tgt Ion:240 Resp: 13757
Ion Ratio Lower Upper
240 100
120 14.6 14.2 21.4
236 28.3 22.9 34.3

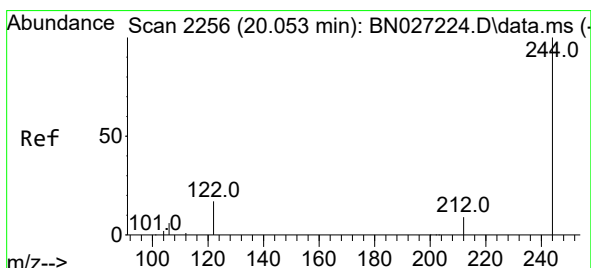
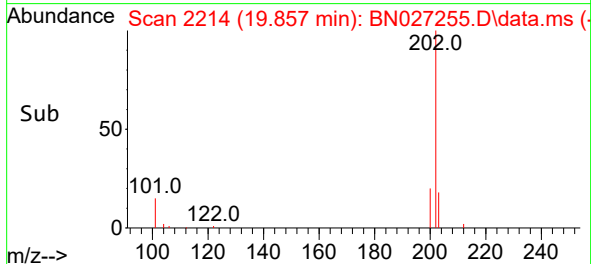
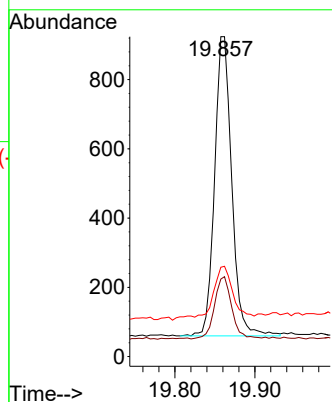
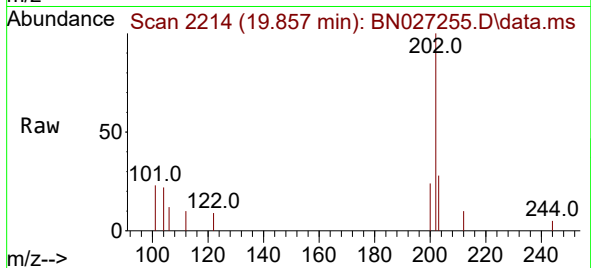




#30
Pyrene
Concen: 0.023 ng
RT: 19.857 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

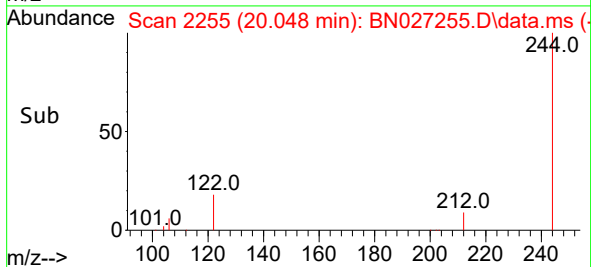
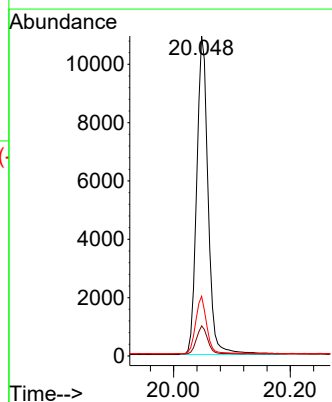
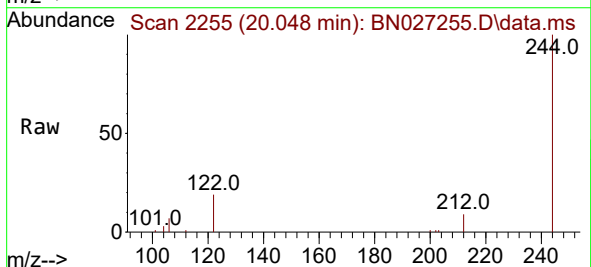
Instrument :
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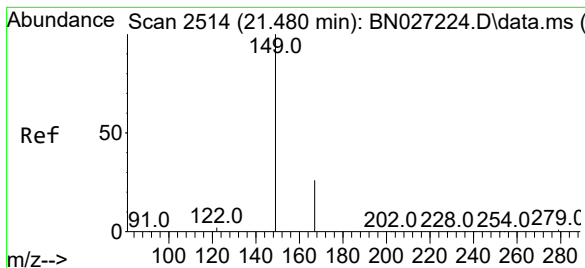
Tgt Ion:202 Resp: 1285
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 22.2 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.536 ng
RT: 20.048 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

Tgt Ion:244 Resp: 14802
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 18.6 14.0 21.0

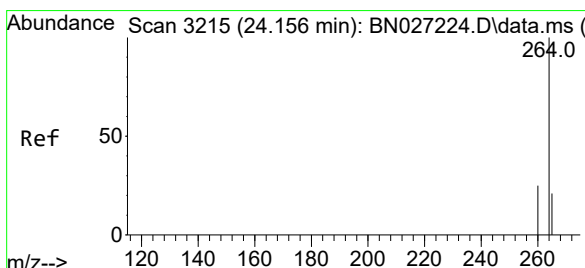
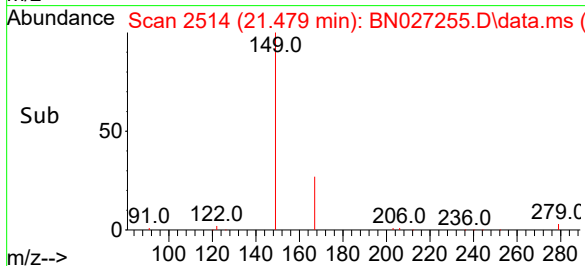
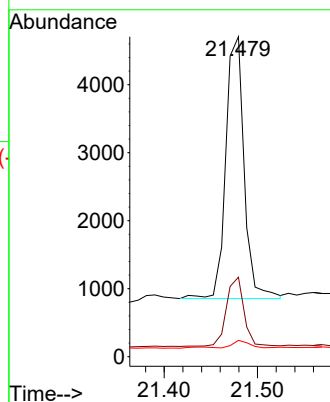
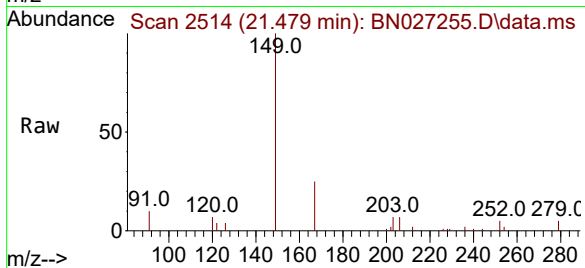




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.232 ng
RT: 21.479 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

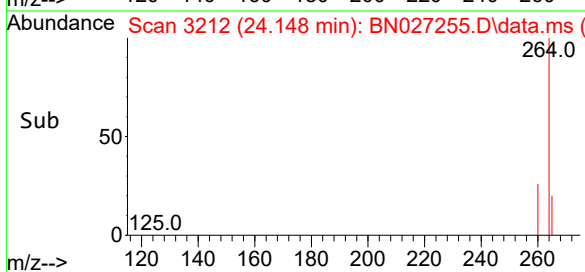
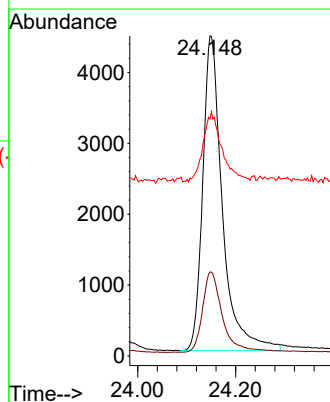
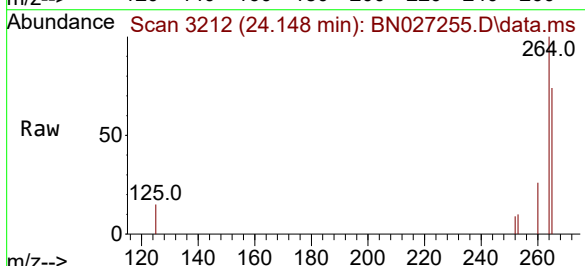
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821

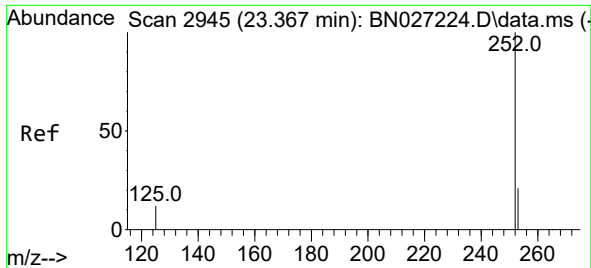
Tgt Ion:149 Resp: 5272
Ion Ratio Lower Upper
149 100
167 25.6 22.1 33.1
279 2.5 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.148 min Scan# 3212
Delta R.T. -0.009 min
Lab File: BN027255.D
Acq: 30 Aug 2023 00:48

Tgt Ion:264 Resp: 12375
Ion Ratio Lower Upper
264 100
260 26.3 20.7 31.1
265 74.0 53.3 79.9





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.361 min Scan# 2945

Delta R.T. -0.006 min

Lab File: BN027255.D

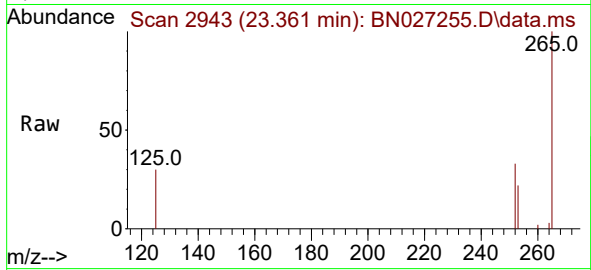
Acq: 30 Aug 2023 00:48

Instrument :

BNA_N

ClientSampleId :

RE132D4-20230821



Tgt Ion:252 Resp: 986

Ion Ratio Lower Upper

252 100

253 67.4 19.9 29.9#

125 90.3 13.8 20.6#

