

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025496.D
 Acq On : 19 May 2023 20:52
 Operator : CG/JU
 Sample : 02832-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-64-051723

Quant Time: May 20 00:32:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 02:17:42 2023
 Response via : Initial Calibration

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

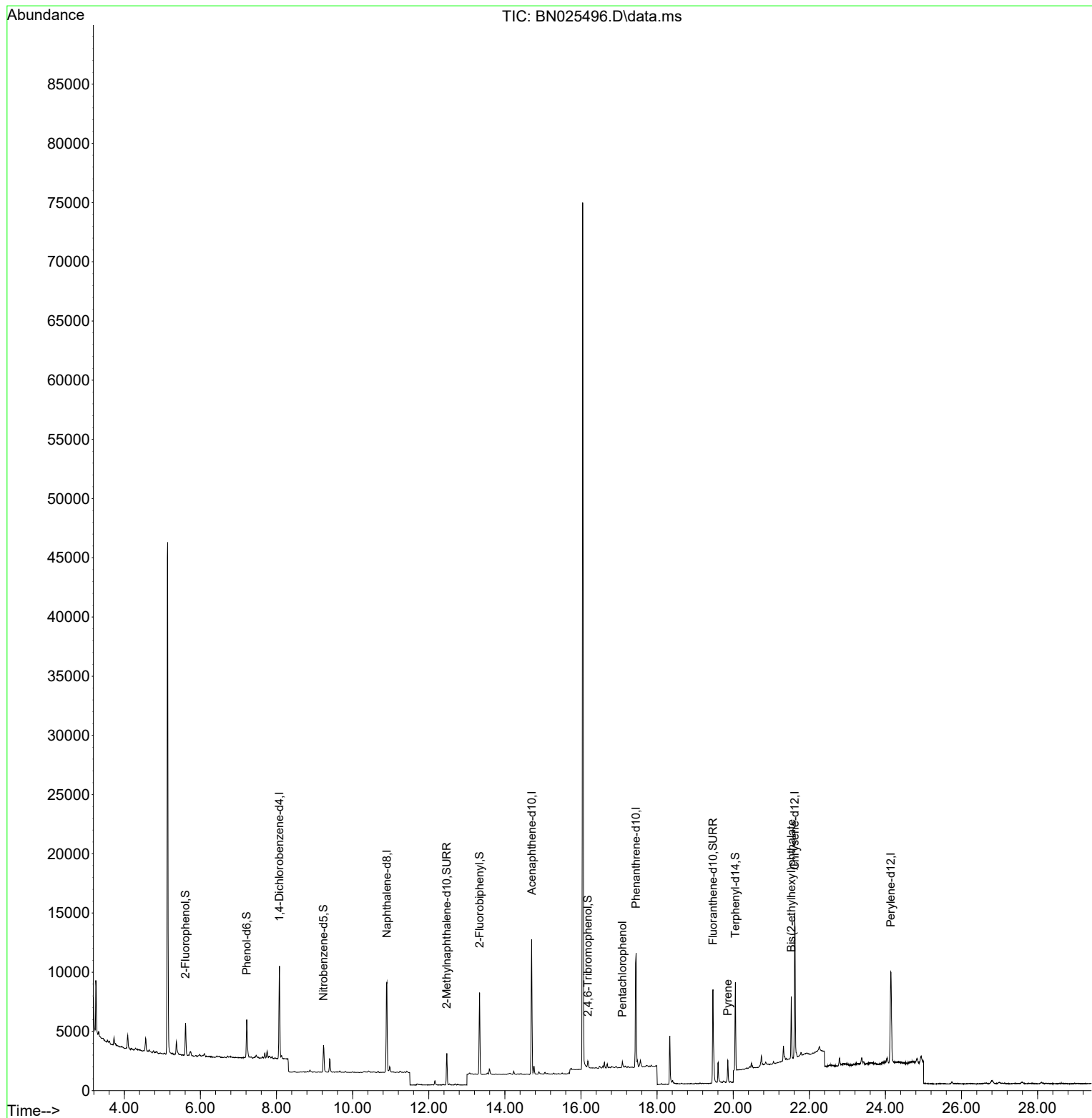
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	3905	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	11041	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6338	0.400	ng	0.00
19) Phenanthrene-d10	17.448	188	14475	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	11852	0.400	ng	#-0.02
35) Perylene-d12	24.141	264	12517	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	2275	0.258	ng	0.00
5) Phenol-d6	7.218	99	3057	0.270	ng	0.00
8) Nitrobenzene-d5	9.234	82	1935	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	3629	0.236	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	289	0.117	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	5862	0.242	ng	0.00
27) Fluoranthene-d10	19.469	212	8653	0.259	ng	0.00
31) Terphenyl-d14	20.058	244	6378	0.303	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.088	266	283	0.070	ng	Qvalue 94
30) Pyrene	19.857	202	1684	0.036	ng	96
34) Bis(2-ethylhexyl)phtha...	21.527	149	4758	0.188	ng	99

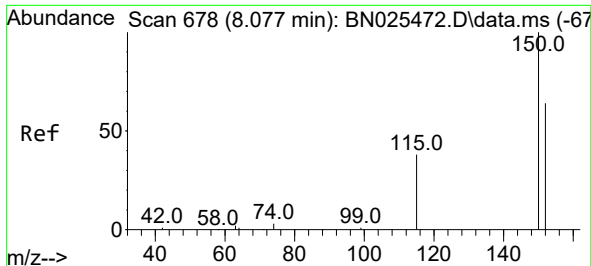
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
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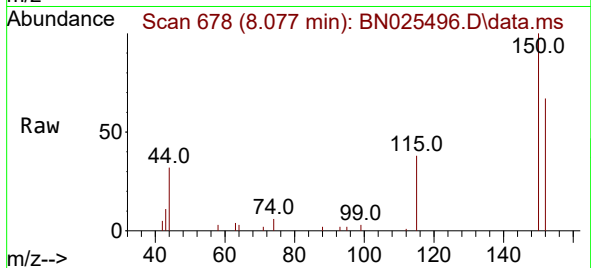
Quant Time: May 20 00:32:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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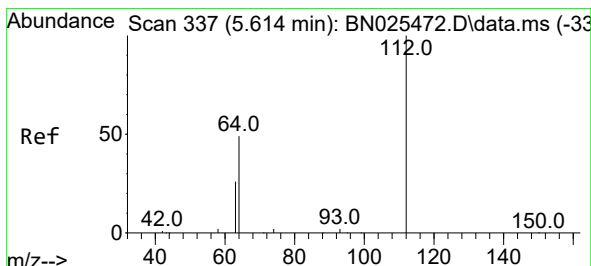
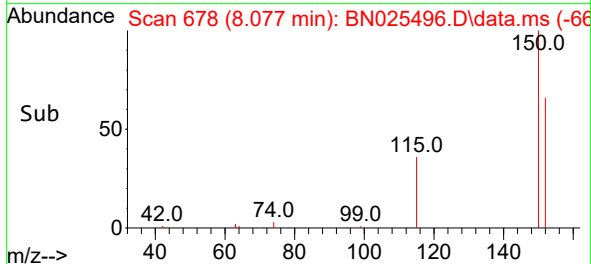
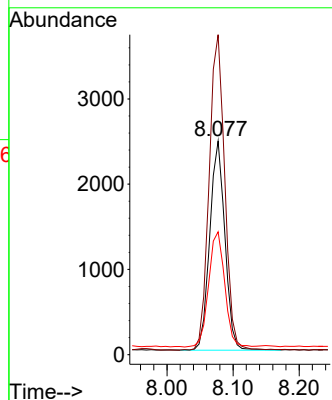


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.077 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-64-051723

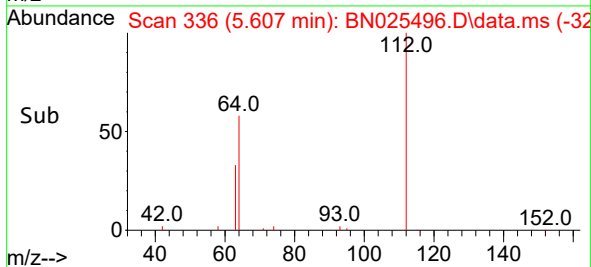
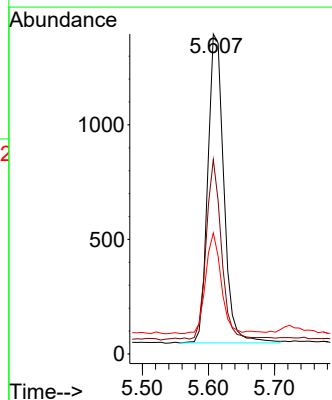
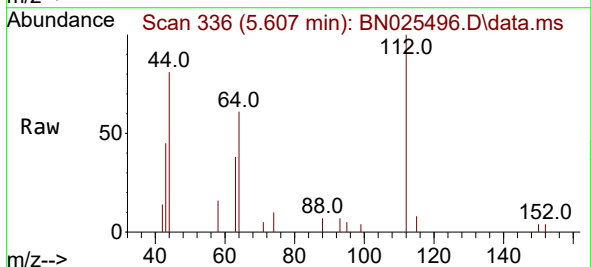


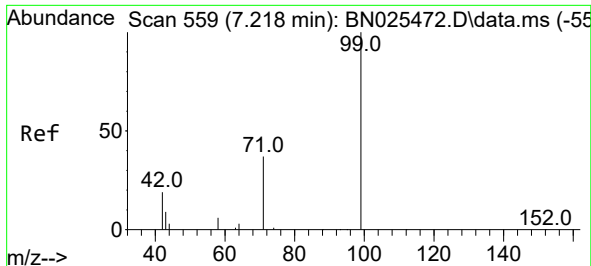
Tgt Ion:152 Resp: 3905
Ion Ratio Lower Upper
152 100
150 149.9 125.3 187.9
115 57.5 50.2 75.2



#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.607 min Scan# 336
Delta R.T. -0.007 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

Tgt Ion:112 Resp: 2275
Ion Ratio Lower Upper
112 100
64 54.2 44.0 66.0
63 31.3 24.0 36.0

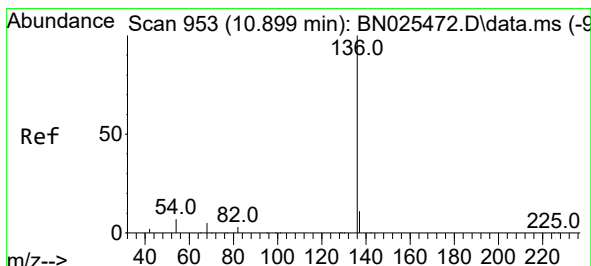
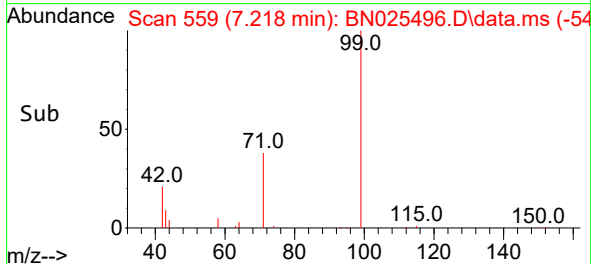
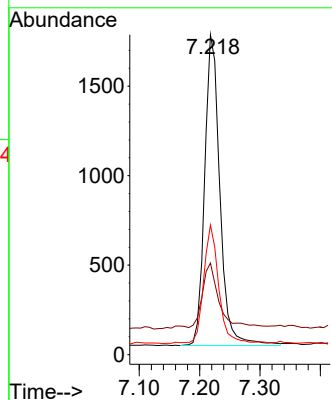
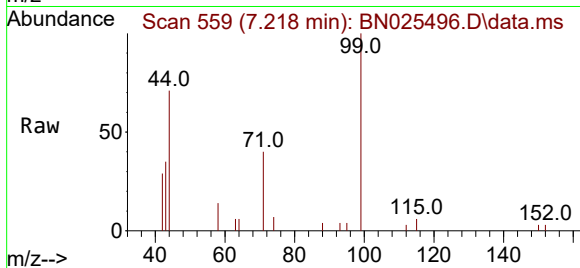




#5
Phenol-d6
Concen: 0.270 ng
RT: 7.218 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

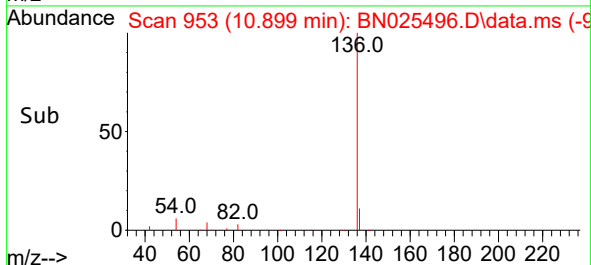
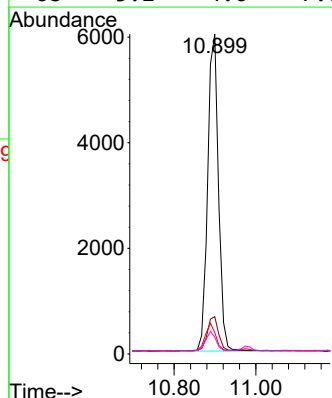
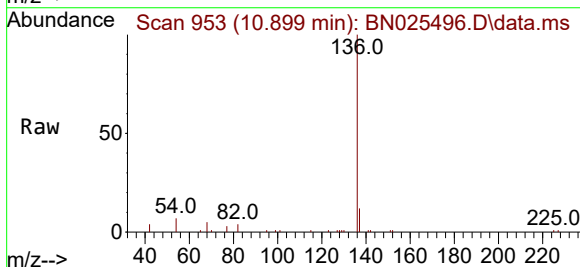
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-64-051723

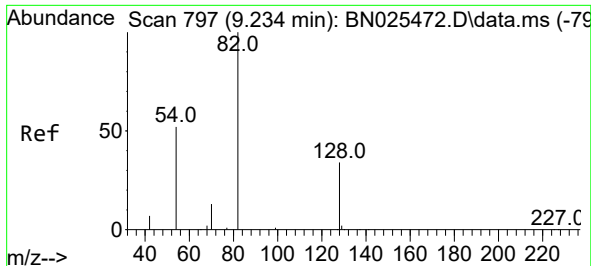
Tgt Ion: 99 Resp: 3057
Ion Ratio Lower Upper
99 100
42 22.5 15.8 23.8
71 37.6 28.6 43.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.899 min Scan# 953
Delta R.T. 0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

Tgt Ion: 136 Resp: 11041
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 6.7 5.8 8.6
68 5.2 4.6 7.0

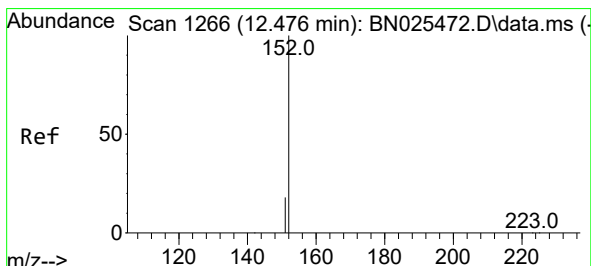
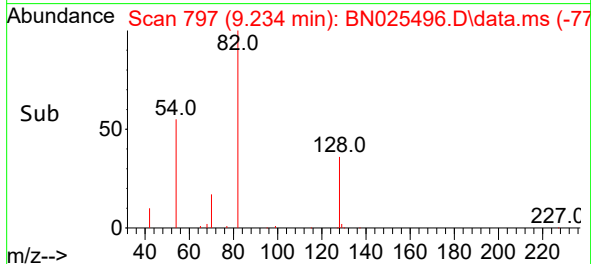
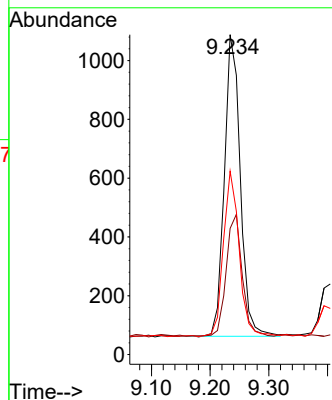
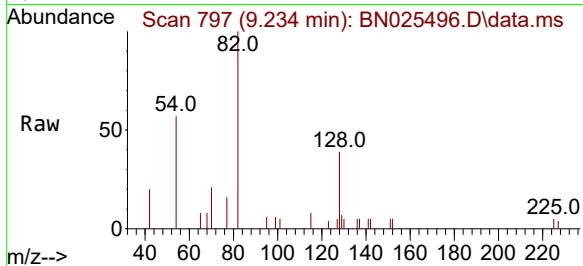




#8
 Nitrobenzene-d5
 Concen: 0.220 ng
 RT: 9.234 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BN025496.D
 Acq: 19 May 2023 20:52

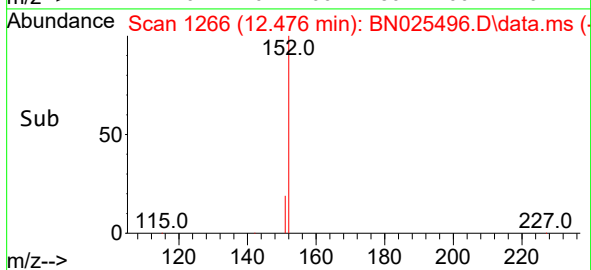
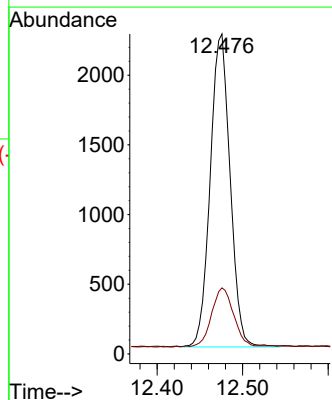
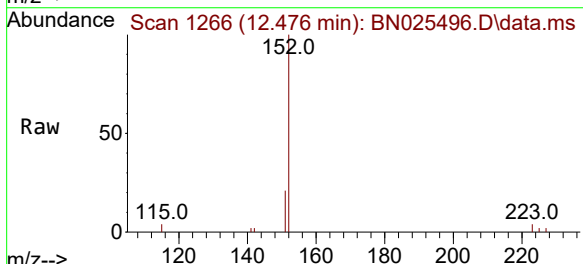
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-64-051723

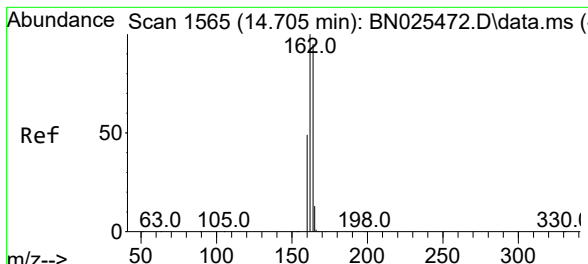
Tgt Ion:	82	Resp:	1935
Ion	Ratio	Lower	Upper
82	100		
128	39.4	27.9	41.9
54	57.4	42.4	63.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.236 ng
 RT: 12.476 min Scan# 1266
 Delta R.T. -0.000 min
 Lab File: BN025496.D
 Acq: 19 May 2023 20:52

Tgt Ion:	152	Resp:	3629
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8

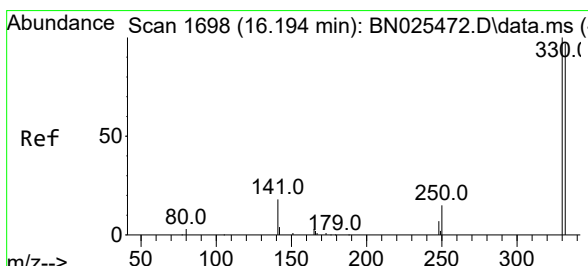
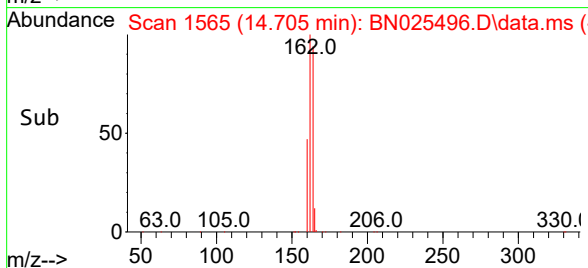
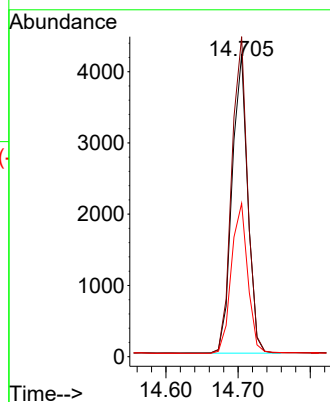
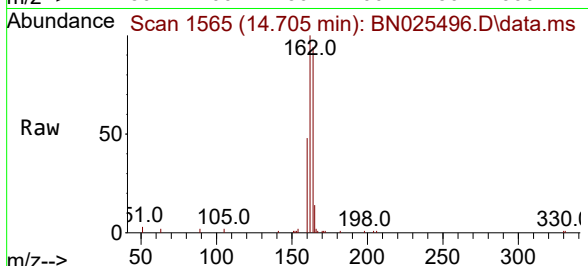




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

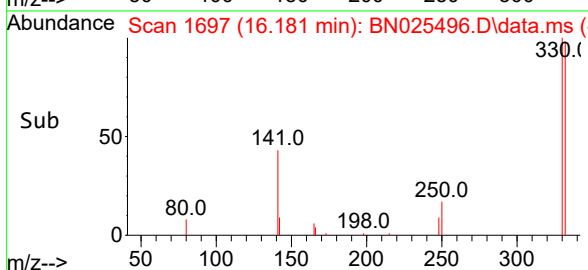
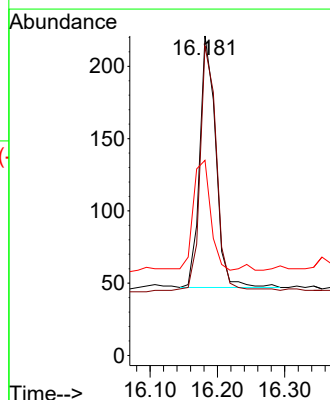
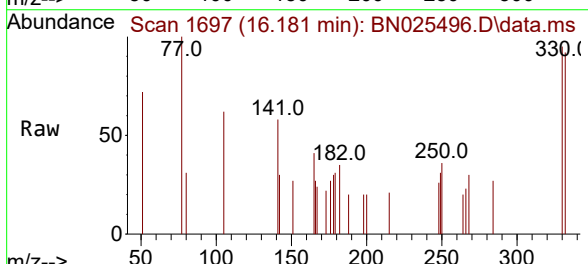
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-64-051723

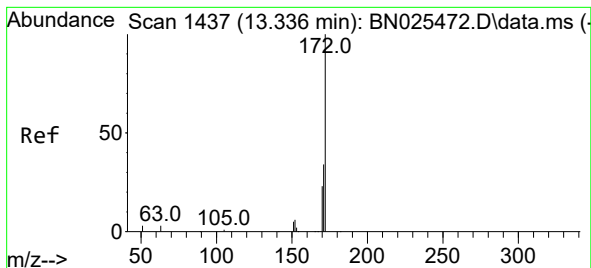
Tgt Ion:164 Resp: 6338
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.2
160 50.7 41.4 62.2



#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.013 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

Tgt Ion:330 Resp: 289
Ion Ratio Lower Upper
330 100
332 98.6 76.1 114.1
141 47.1 36.1 54.1





#15

2-Fluorobiphenyl

Concen: 0.242 ng

RT: 13.336 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN025496.D

Acq: 19 May 2023 20:52

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-64-051723

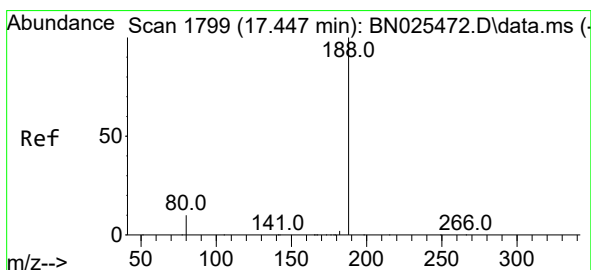
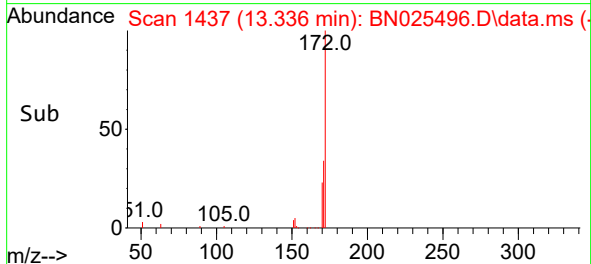
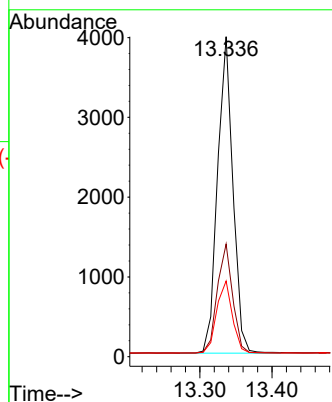
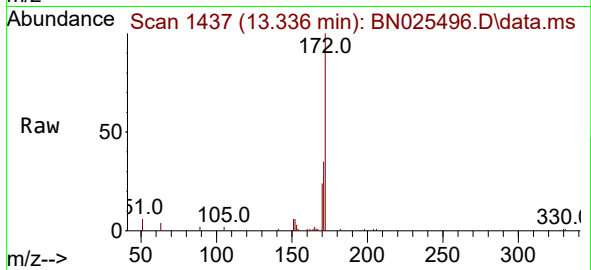
Tgt Ion:172 Resp: 5862

Ion Ratio Lower Upper

172 100

171 35.2 27.6 41.4

170 23.7 18.9 28.3



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.448 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BN025496.D

Acq: 19 May 2023 20:52

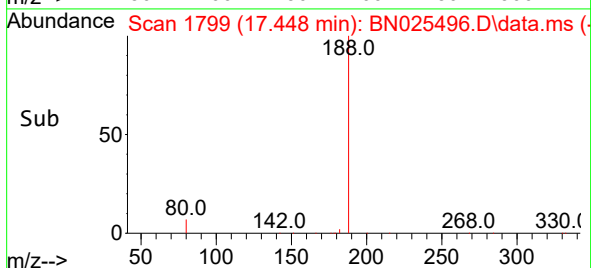
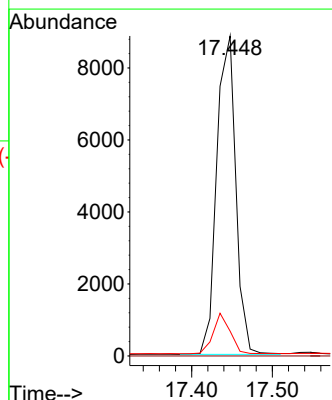
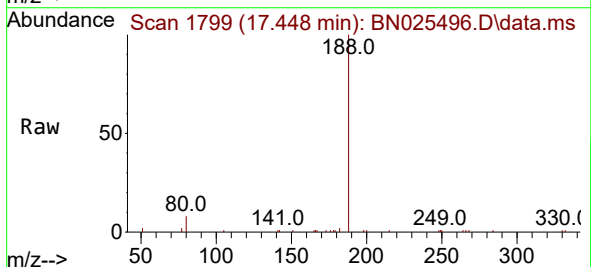
Tgt Ion:188 Resp: 14475

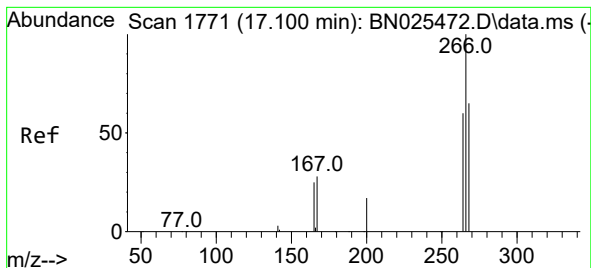
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 8.2 12.4





#24

Pentachlorophenol

Concen: 0.070 ng

RT: 17.088 min Scan# 1770

Delta R.T. -0.012 min

Lab File: BN025496.D

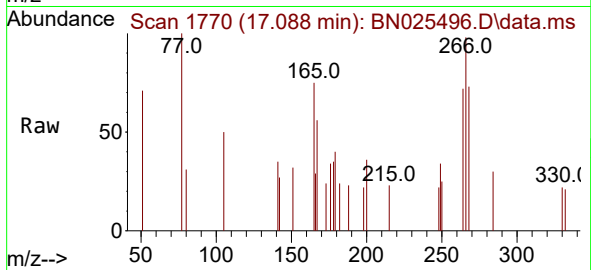
Acq: 19 May 2023 20:52

Instrument :

BNA_N

ClientSampleId :

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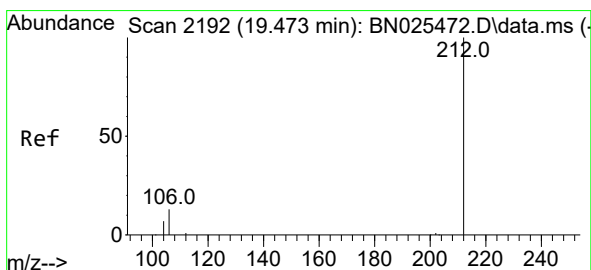
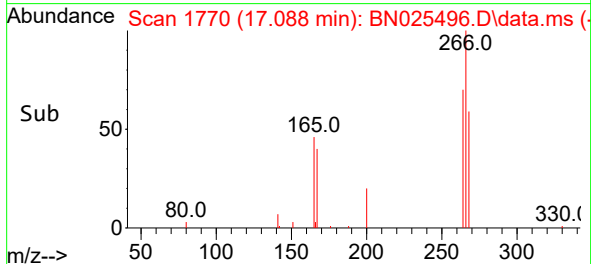
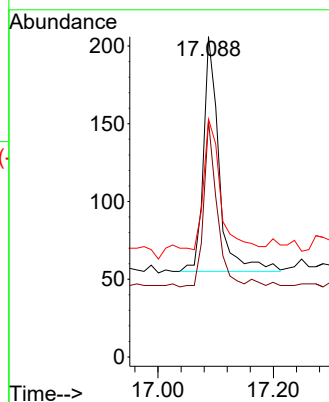
Tgt Ion:266 Resp: 283

Ion Ratio Lower Upper

266 100

264 60.1 49.8 74.8

268 57.2 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.259 ng

RT: 19.469 min Scan# 2191

Delta R.T. -0.004 min

Lab File: BN025496.D

Acq: 19 May 2023 20:52

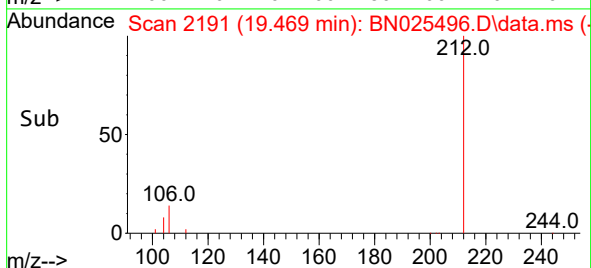
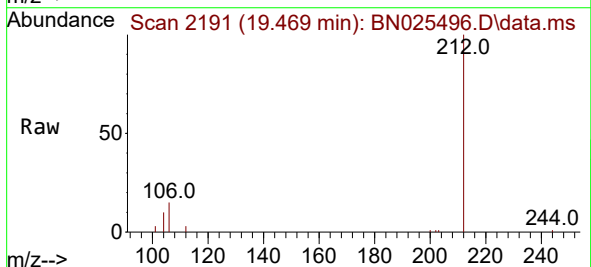
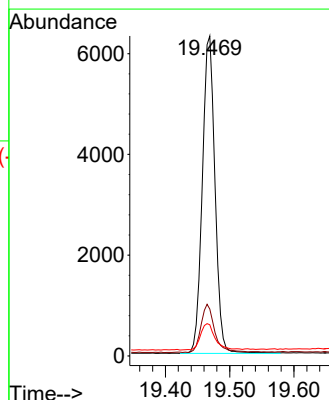
Tgt Ion:212 Resp: 8653

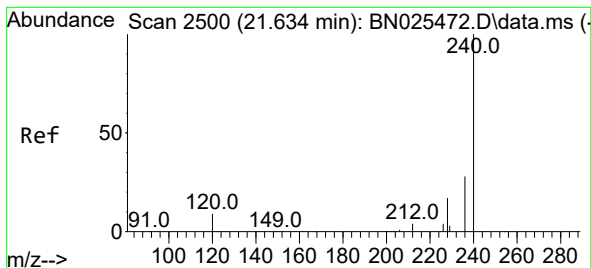
Ion Ratio Lower Upper

212 100

106 16.2 11.4 17.2

104 9.7 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. -0.018 min

Lab File: BN025496.D

Acq: 19 May 2023 20:52

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-64-051723

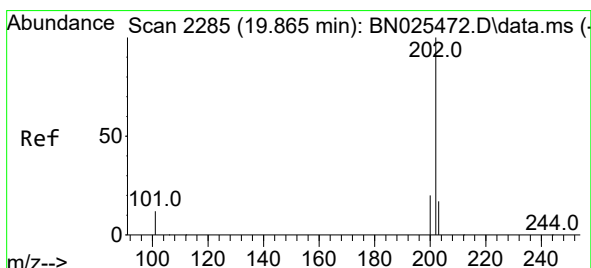
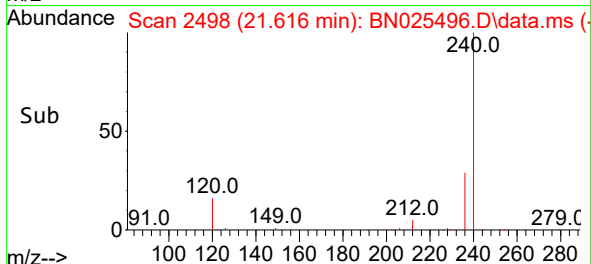
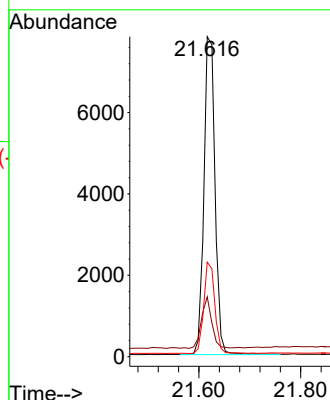
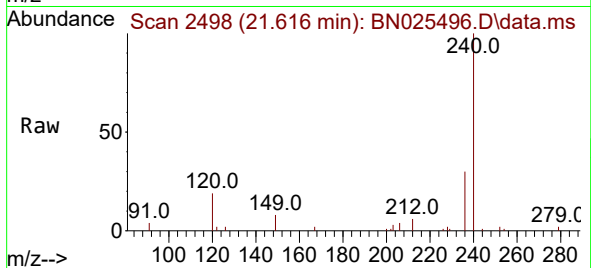
Tgt Ion:240 Resp: 11852

Ion Ratio Lower Upper

240 100

120 18.7 8.6 12.8#

236 29.5 22.7 34.1



#30

Pyrene

Concen: 0.036 ng

RT: 19.857 min Scan# 2283

Delta R.T. -0.008 min

Lab File: BN025496.D

Acq: 19 May 2023 20:52

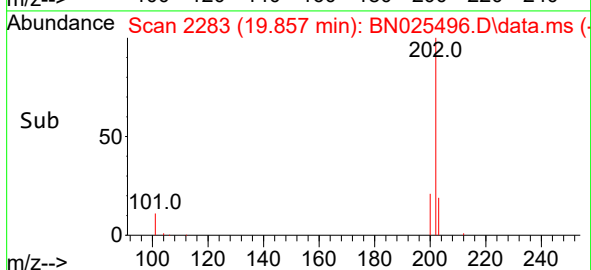
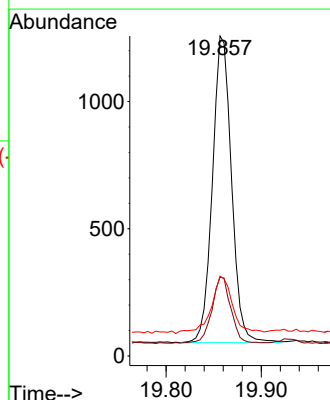
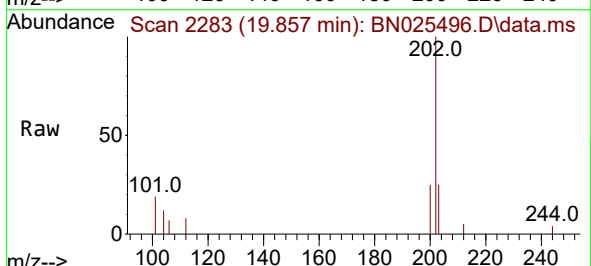
Tgt Ion:202 Resp: 1684

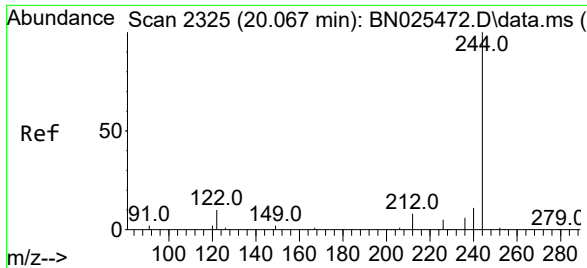
Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 21.1 14.2 21.4





#31

Terphenyl-d14

Concen: 0.303 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025496.D

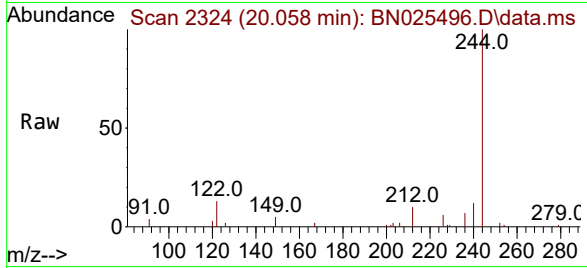
Acq: 19 May 2023 20:52

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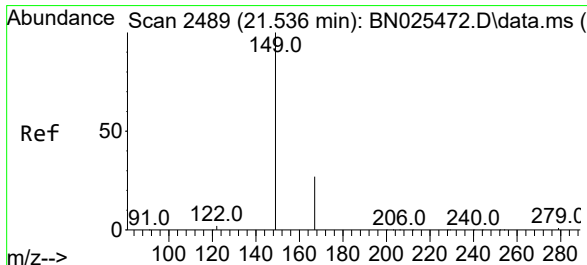
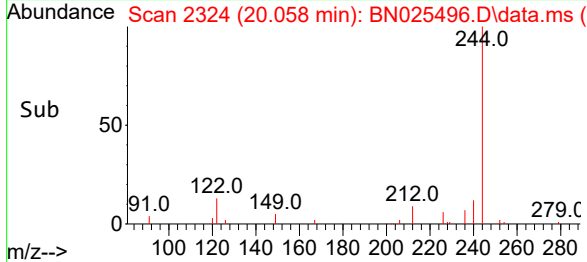
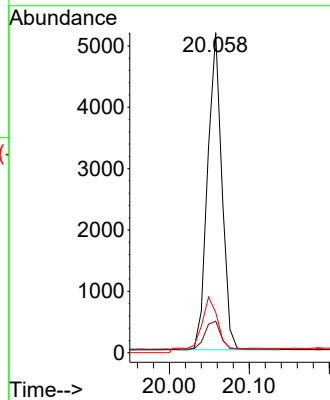
Tgt Ion:244 Resp: 6378

Ion Ratio Lower Upper

244 100

212 9.9 6.6 10.0

122 12.6 8.1 12.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.188 ng

RT: 21.527 min Scan# 2488

Delta R.T. -0.009 min

Lab File: BN025496.D

Acq: 19 May 2023 20:52

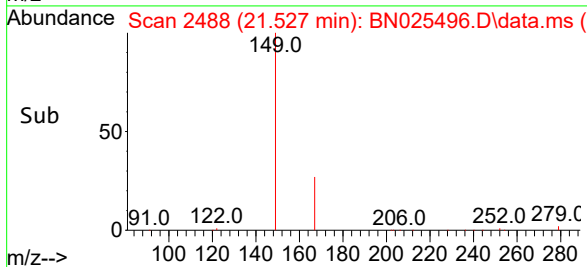
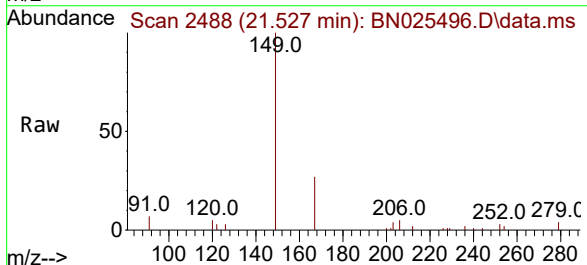
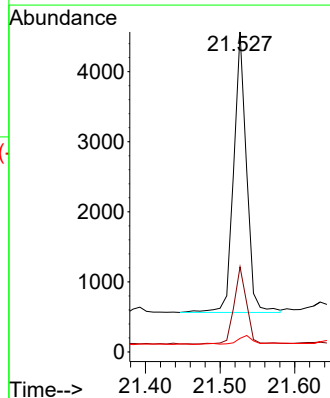
Tgt Ion:149 Resp: 4758

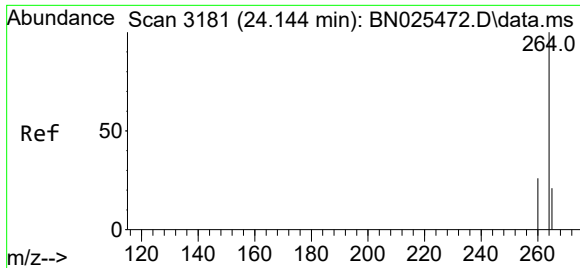
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

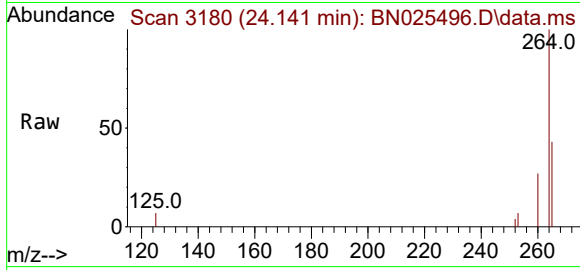
279 3.3 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.141 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN025496.D
 Acq: 19 May 2023 20:52

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-64-051723



Tgt Ion:264 Resp: 12517
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 43.4 27.1 40.7#

