

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)

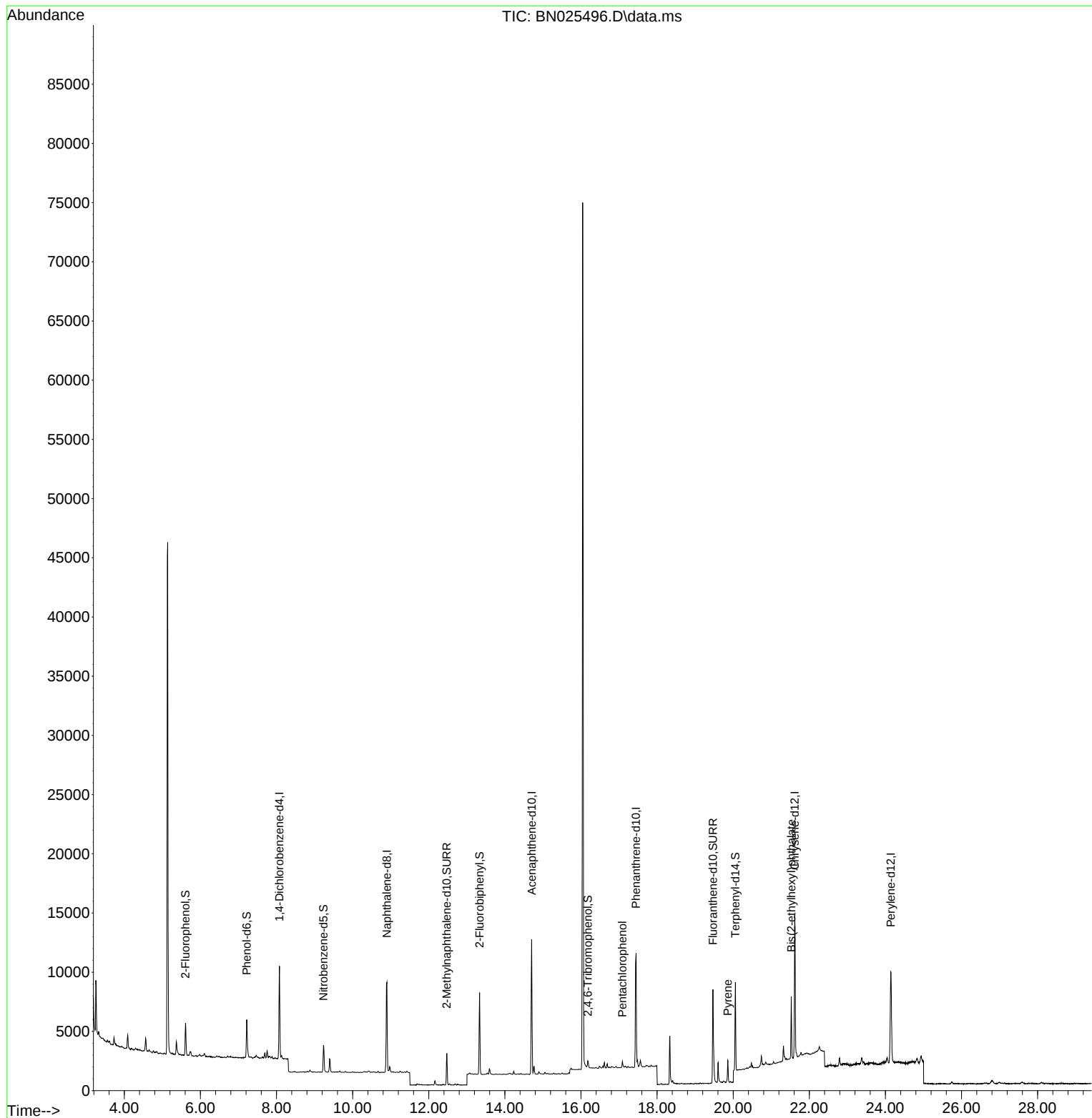
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	3905	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	11041	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6338	0.400	ng	0.00
19) Phenanthrene-d10	17.448	188	14475	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	11852	0.400	ng	#-0.02
35) Perylene-d12	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

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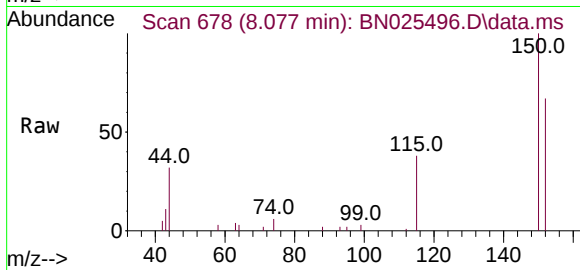
Quant Time: May 20 00:32:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration



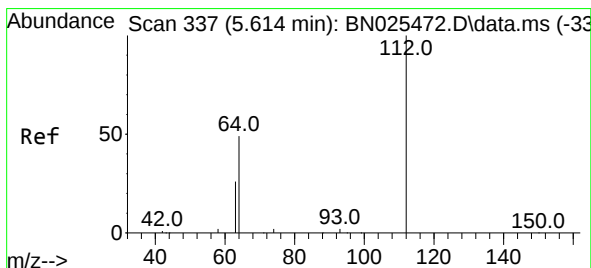
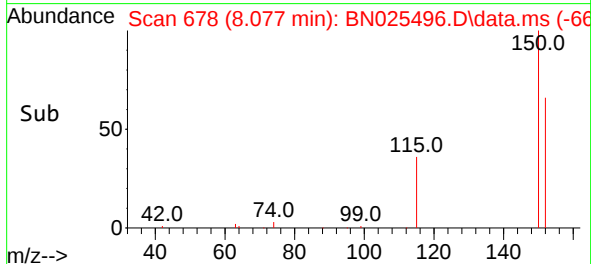
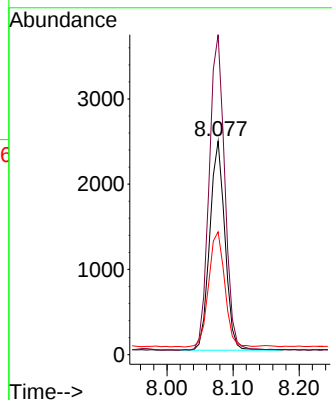


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.077 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

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

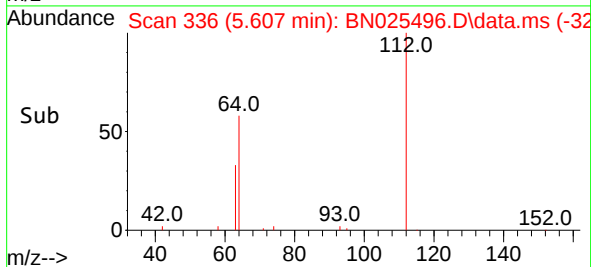
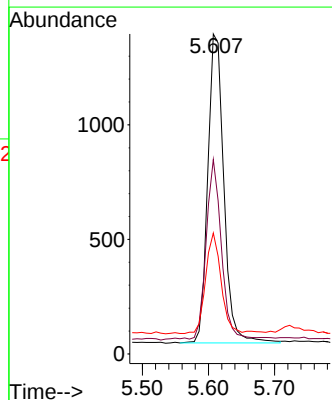
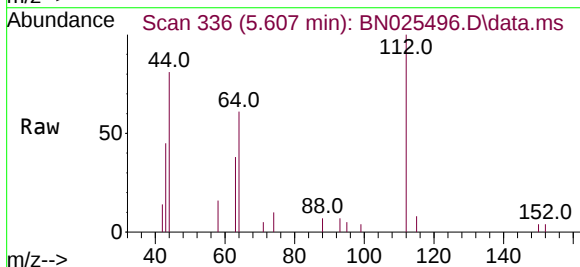


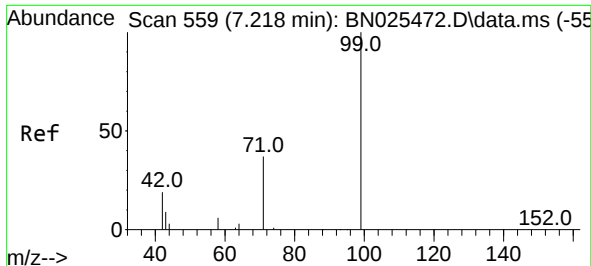
Tgt Ion:152 Resp: 3905
Ion Ratio Lower Upper
152 100
150 149.9 125.3 187.9
115 57.5 50.2 75.2



#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

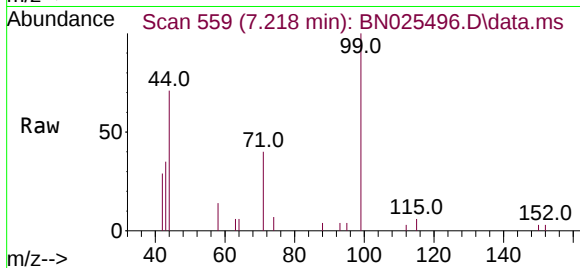
Tgt Ion:112 Resp: 2275
Ion Ratio Lower Upper
112 100
64 54.2 44.0 66.0
63 31.3 24.0 36.0



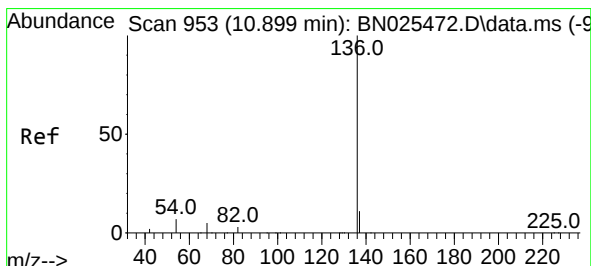
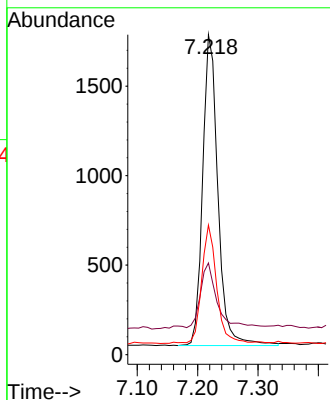
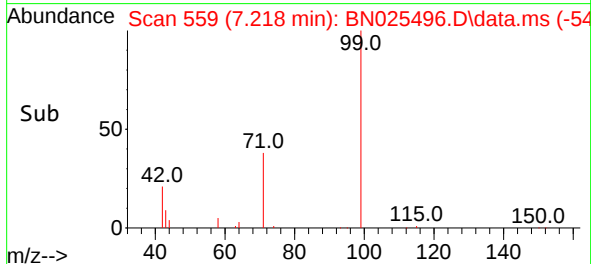


#5
Phenol-d6
Concen: 0.270 ng
RT: 7.218 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

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

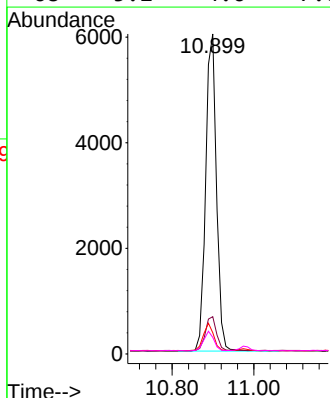
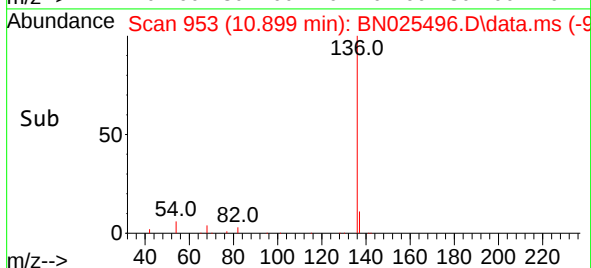
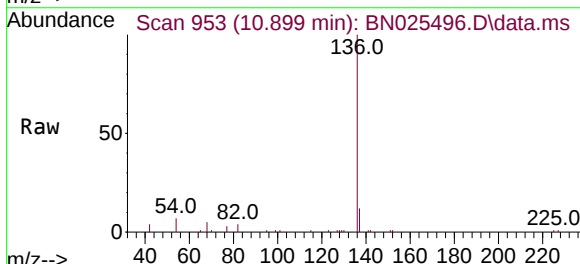


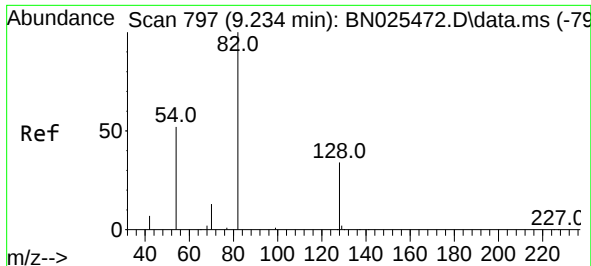
Tgt Ion:	99	Resp:	3057
Ion	Ratio	Lower	Upper
99	100		
42	22.5	15.8	23.8
71	37.6	28.6	43.0



#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

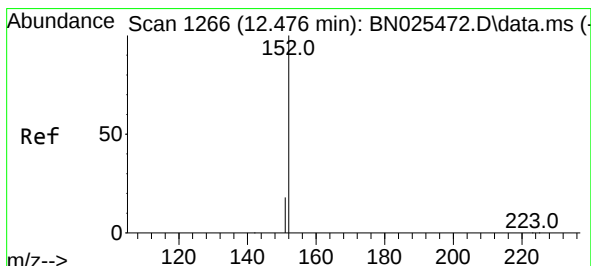
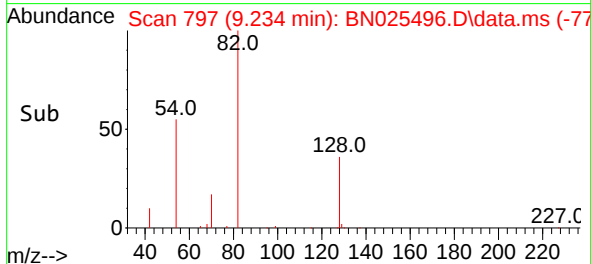
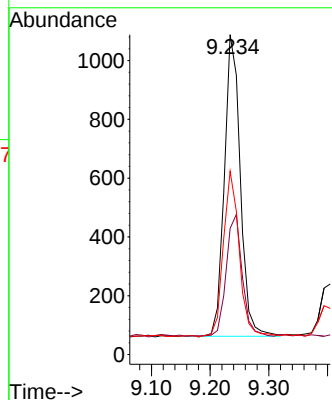
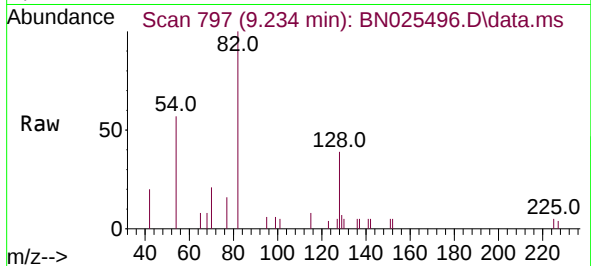




#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

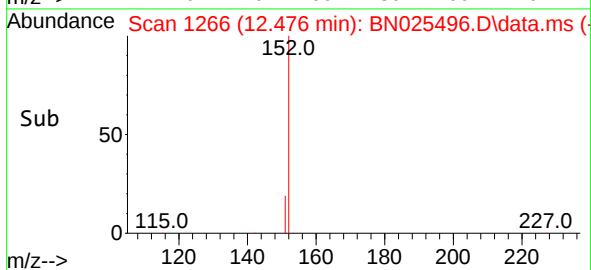
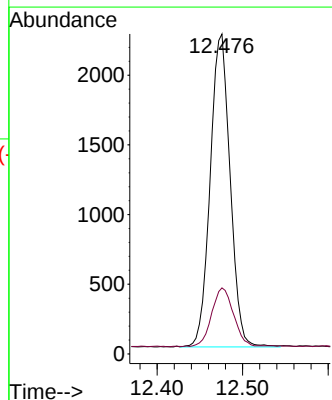
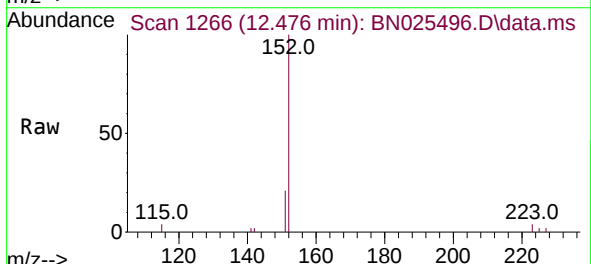
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-64-051723

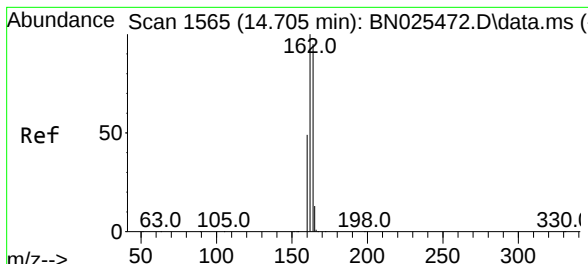
Tgt Ion: 82 Resp: 1935
Ion Ratio Lower Upper
82 100
128 39.4 27.9 41.9
54 57.4 42.4 63.6



#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

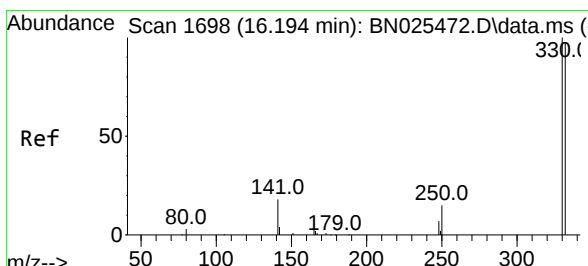
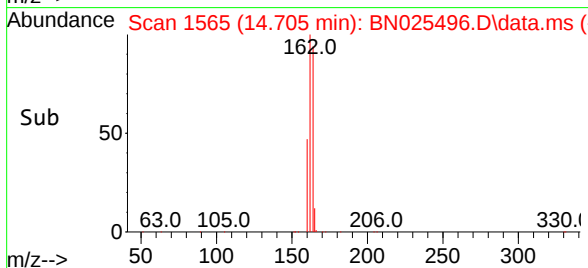
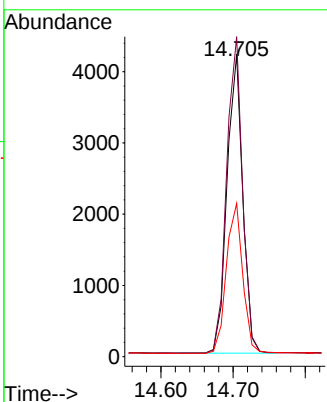
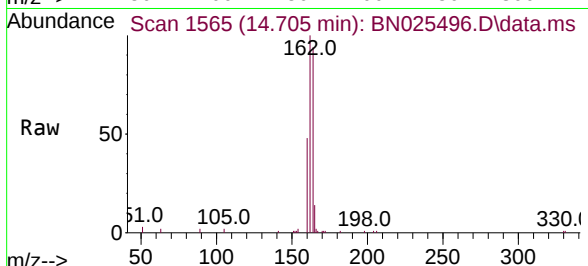




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.705 min Scan# 1565
 Delta R.T. -0.000 min
 Lab File: BN025496.D
 Acq: 19 May 2023 20:52

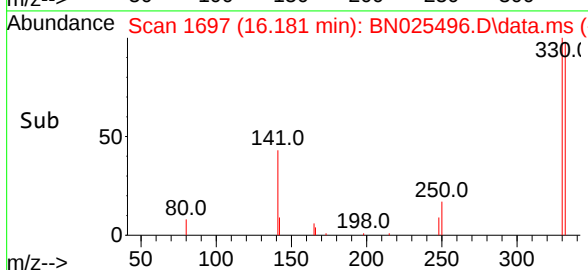
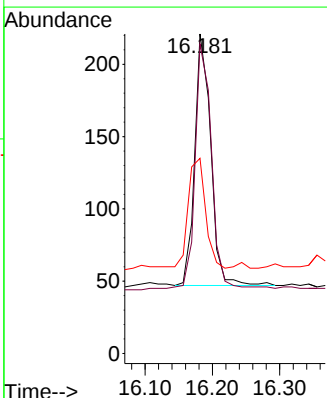
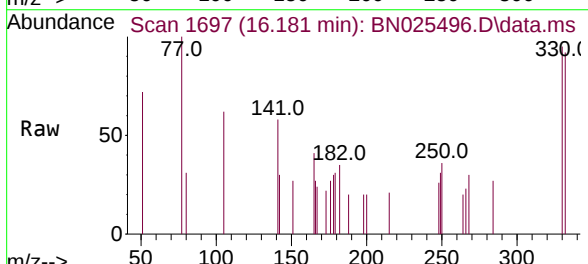
Instrument : BNA_N
 ClientSampleId : CB-22-K2-SO-64-051723

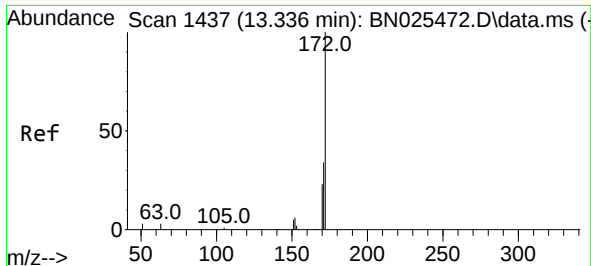
Tgt Ion:	164	Resp:	6338
Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.2	126.2
160	50.7	41.4	62.2



#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

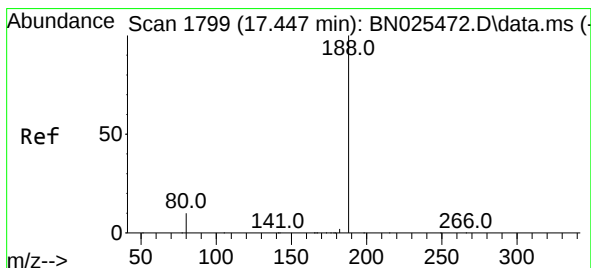
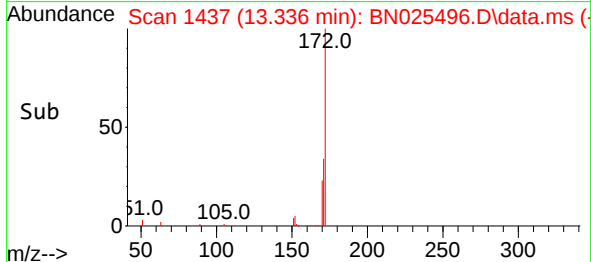
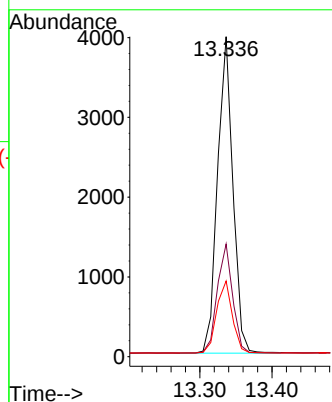
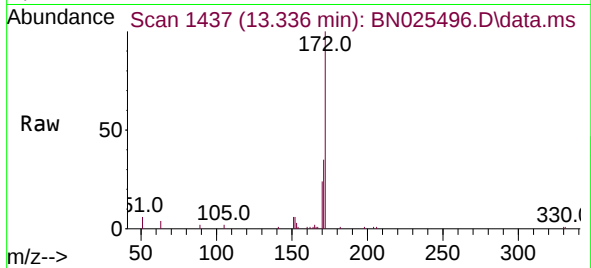




#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 13.336 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN025496.D
Acq: 19 May 2023 20:52

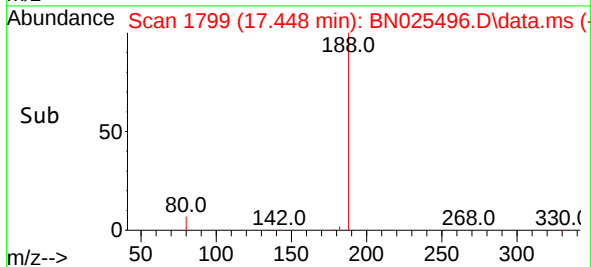
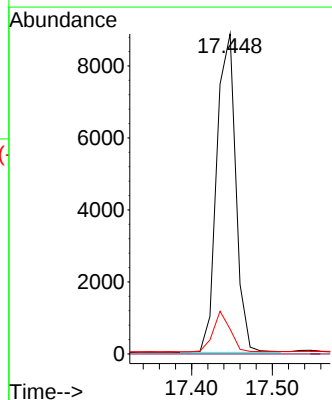
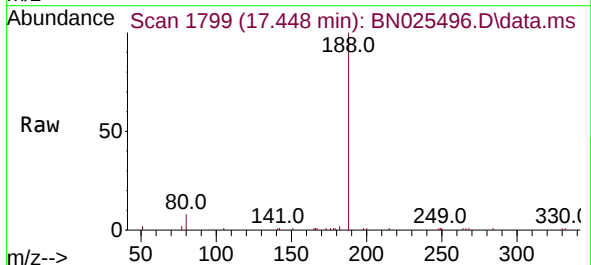
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-64-051723

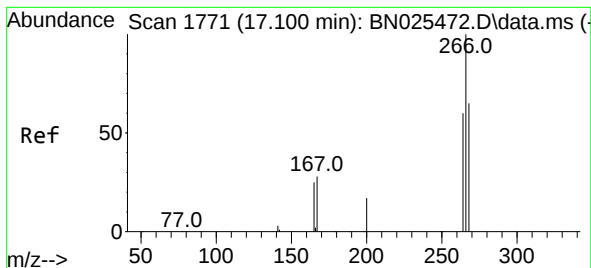
Tgt Ion:	172	Resp:	5862
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.6	41.4
170	23.7	18.9	28.3



#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

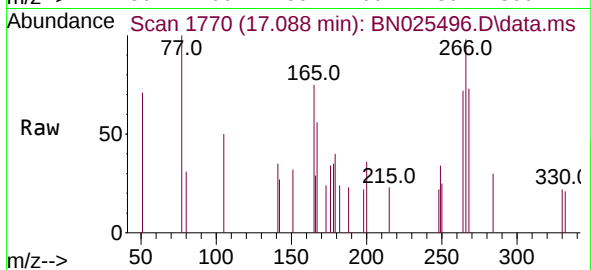
Acq: 19 May 2023 20:52

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-64-051723



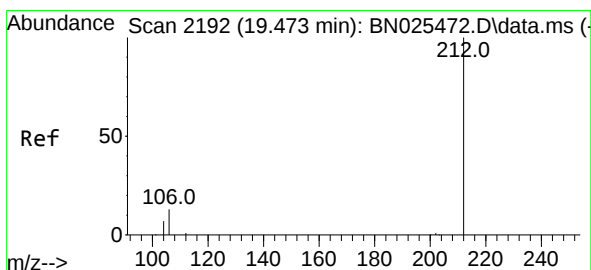
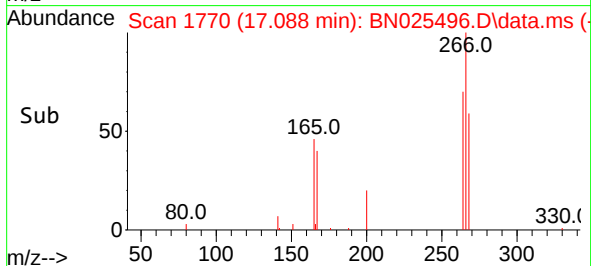
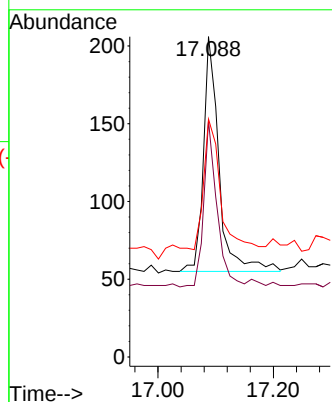
Tgt Ion:266 Resp: 283

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

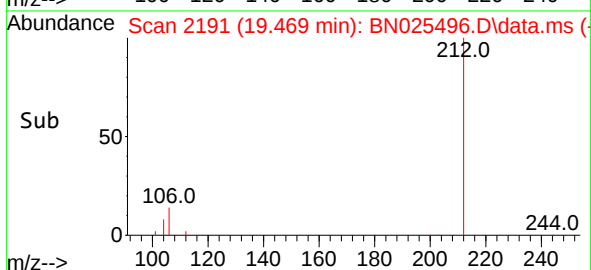
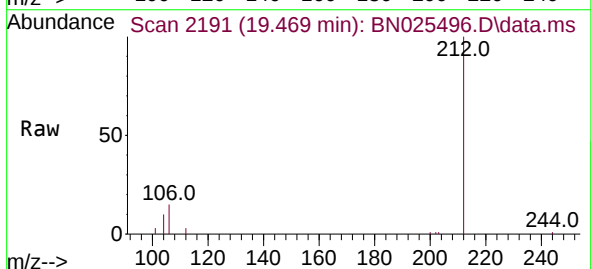
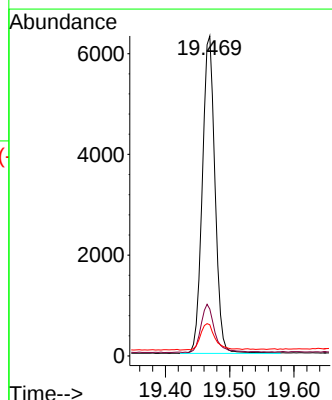
Tgt Ion:212 Resp: 8653

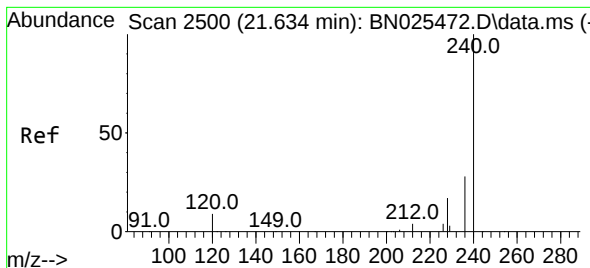
Ion Ratio Lower Upper

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

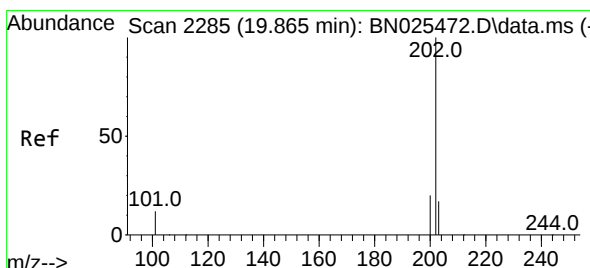
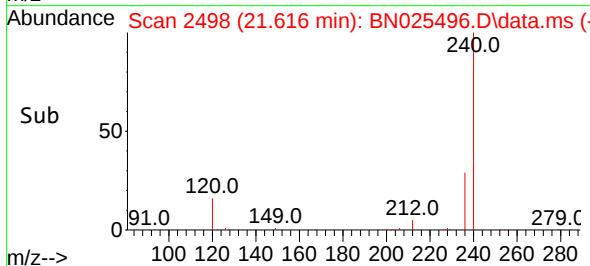
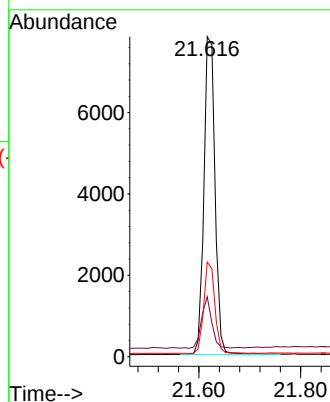
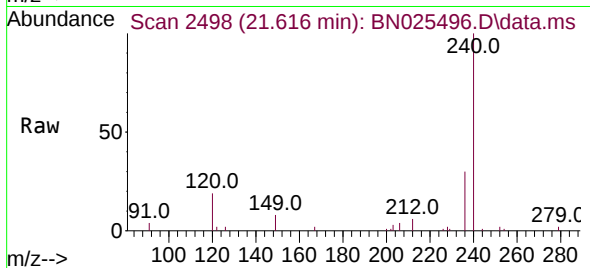
Tgt Ion:240 Resp: 11852

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

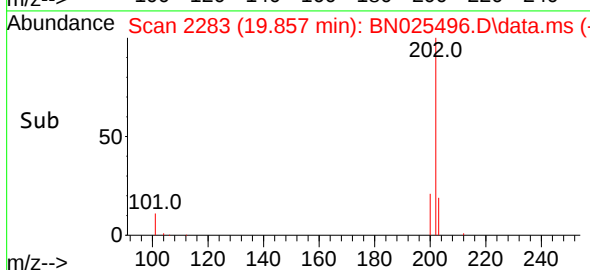
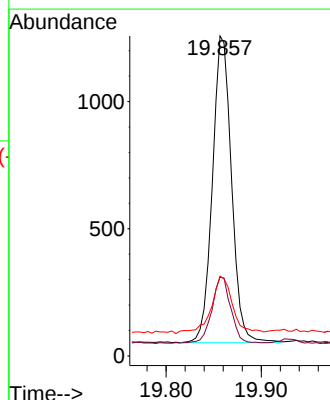
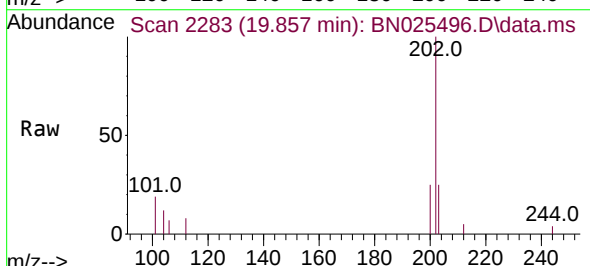
Tgt Ion:202 Resp: 1684

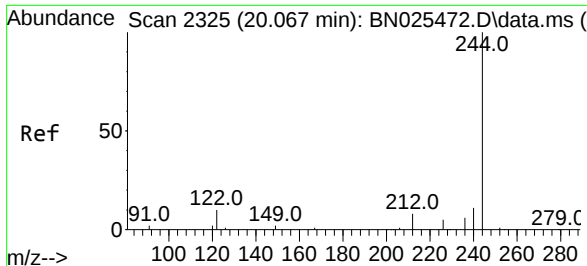
Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 21.1 14.2 21.4

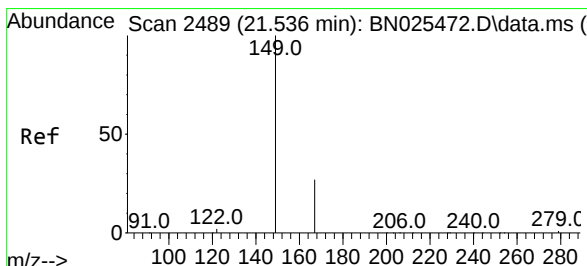
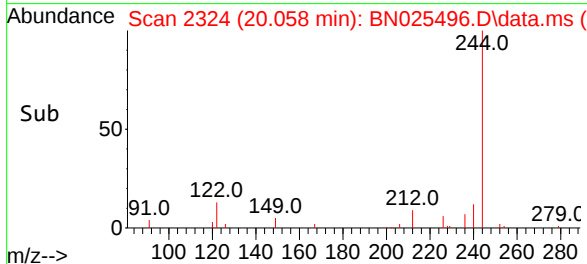
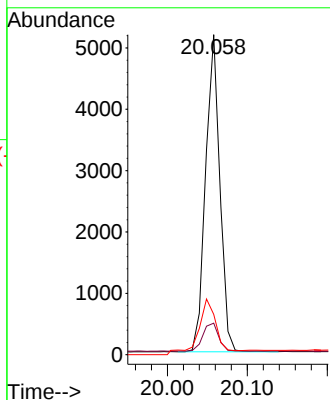
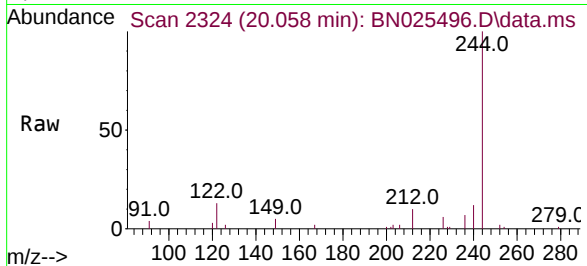




#31
 Terphenyl-d14
 Concen: 0.303 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN025496.D
 Acq: 19 May 2023 20:52

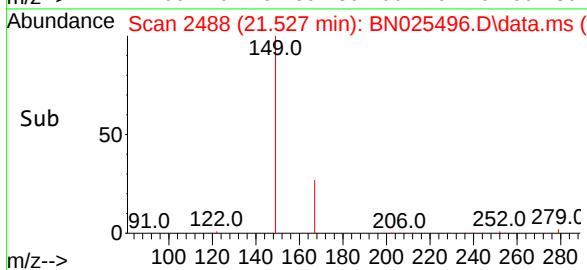
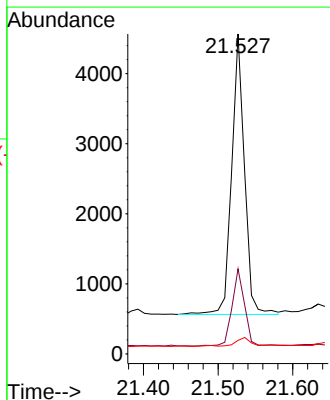
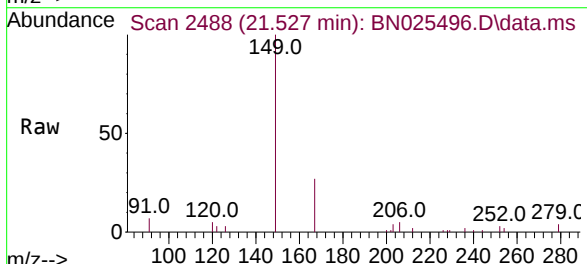
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-64-051723

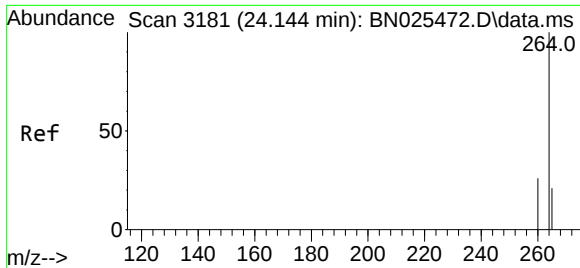
Tgt Ion:244 Resp: 6378
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.6 10.0
 122 12.6 8.1 12.1#



#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

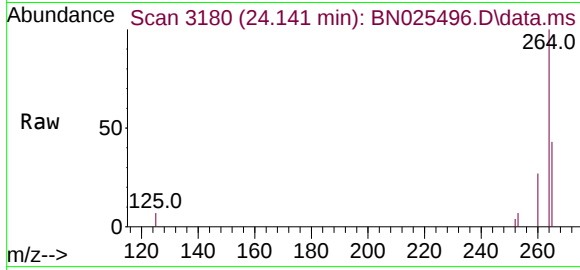
Tgt Ion:149 Resp: 4758
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.0 33.0
 279 3.3 2.6 3.8





#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#

