

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP052820\
 Data File : BP002307.D
 Acq On : 28 May 2020 13:42
 Operator : CG/JU
 Sample : L2744-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM30-COMP-2020-0-6

Quant Time: May 28 14:26:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:01:43 2020
 Response via : Initial Calibration

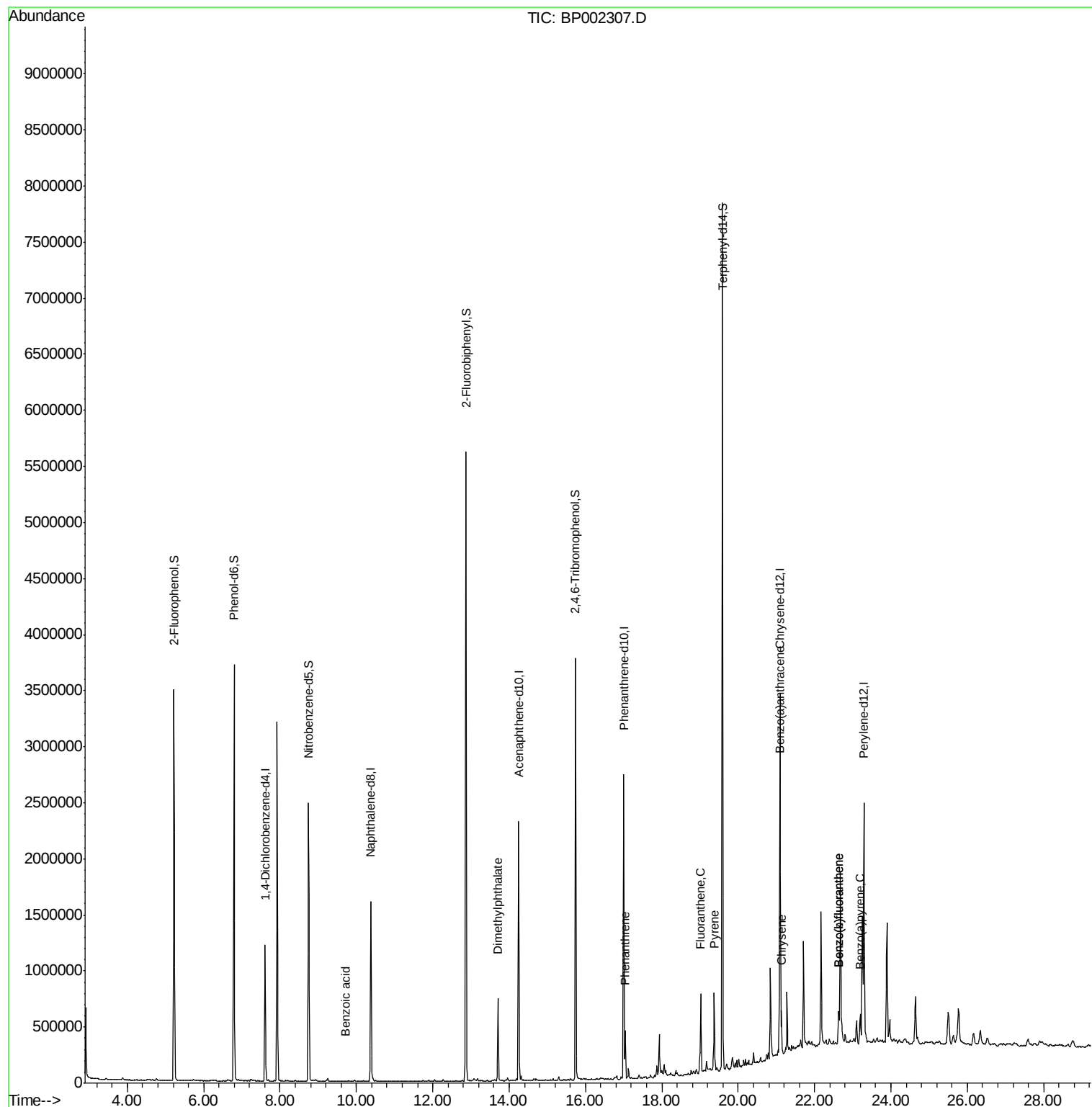
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	317783	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1297751	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	742314	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1516078	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1397000	20.00	ng	0.00
86) Perylene-d12	23.29	264	1465306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1530608	90.46	ng	0.00
7) Phenol-d6	6.79	99	2150517	93.43	ng	0.00
23) Nitrobenzene-d5	8.75	82	1437447	66.59	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	665522	94.60	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2919662	69.40	ng	0.00
79) Terphenyl-d14	19.59	244	3802922	65.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.71	122	95	4.816	ng	Qvalue # 25
50) Dimethylphthalate	13.71	163	457572	9.107	ng	99
71) Phenanthrene	17.04	178	241889	3.368	ng	99
75) Fluoranthene	19.02	202	413243	4.996	ng	99
78) Pyrene	19.37	202	399349	4.591	ng	98
81) Benzo(a)anthracene	21.08	228	209144	2.615	ng	98
83) Chrysene	21.13	228	194886	2.539	ng	96
88) Benzo(b)fluoranthene	22.63	252	339274	4.247	ng	# 94
89) Benzo(k)fluoranthene	22.63	252	339274	4.426	ng	# 94
90) Benzo(a)pyrene	23.19	252	184170	2.485	ng	# 98

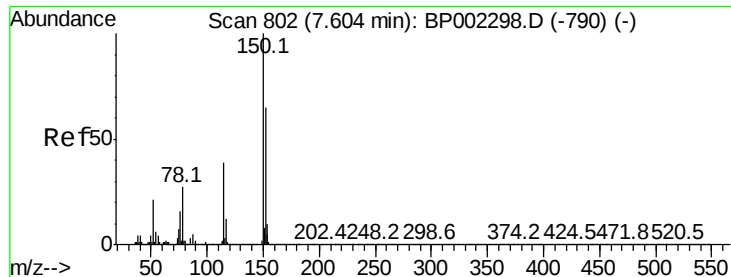
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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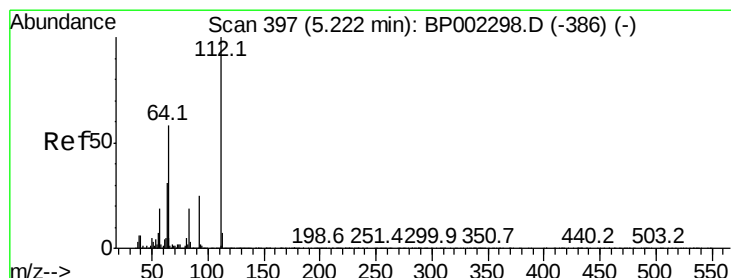
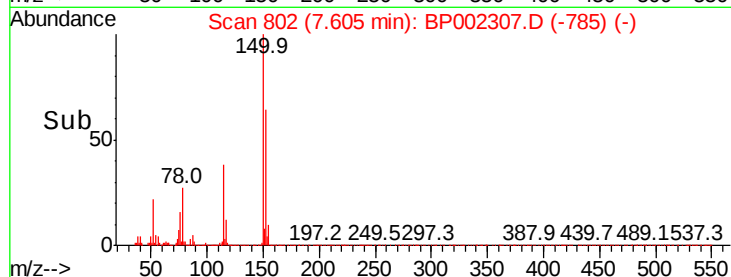
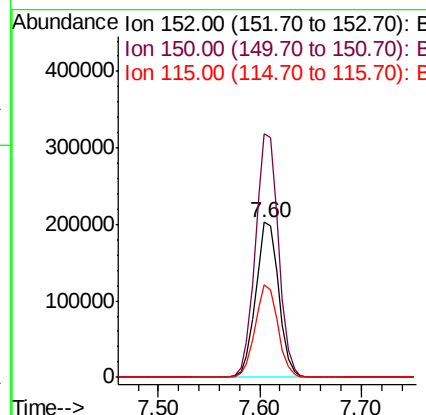
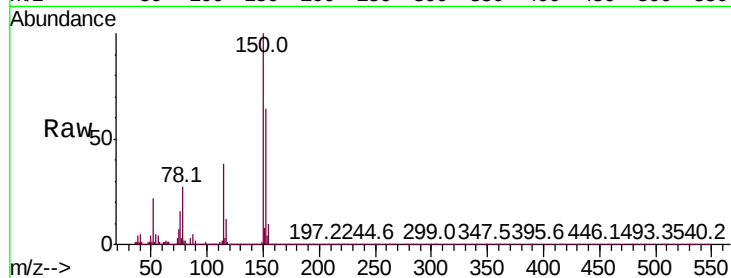


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

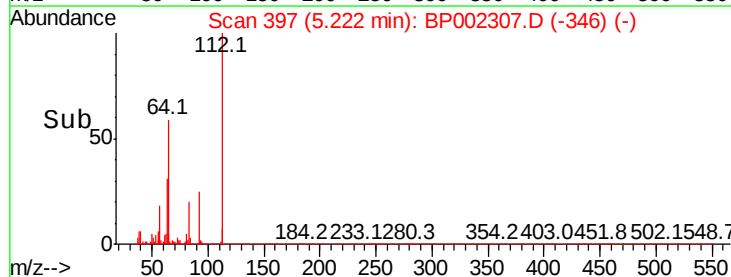
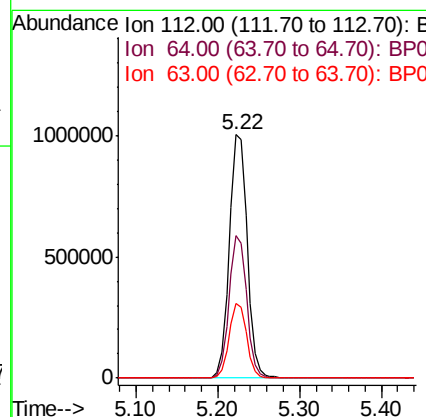
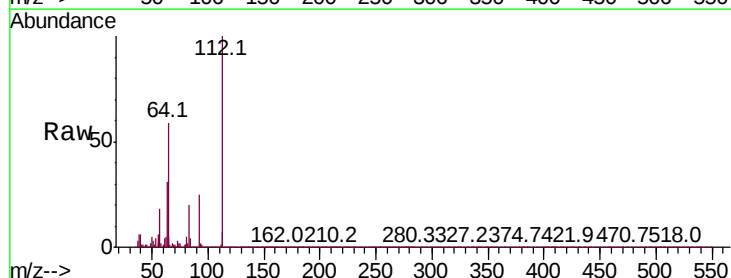
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	59.9	49.4	74.2

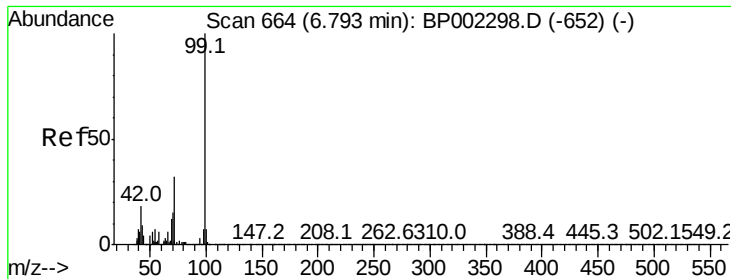


#5

2-Fluorophenol
Concen: 90.461 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.4
63	30.7	24.0	36.0





#7

Phenol-d6

Concen: 93.432 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

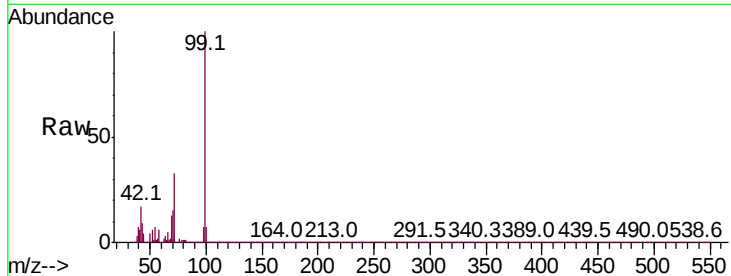
BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

Tot Ion: 99 Resp: 2150517

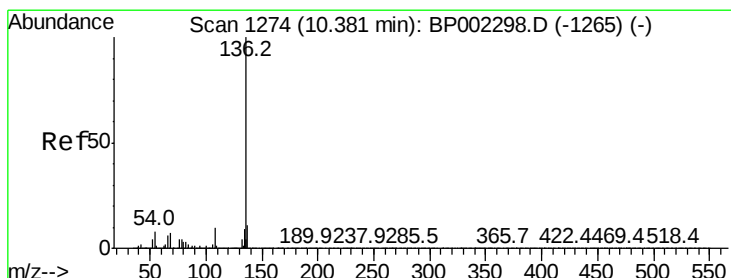
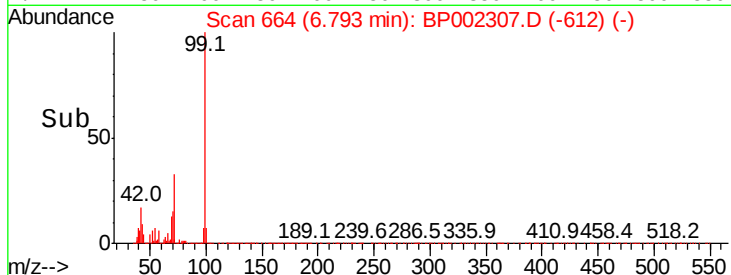
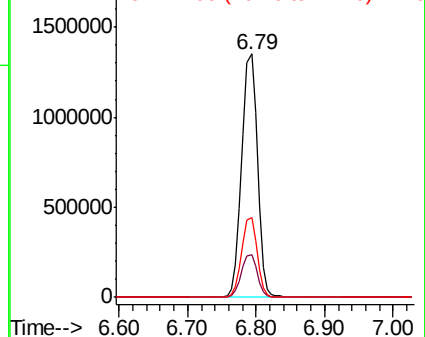
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	32.6	25.8	38.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1273

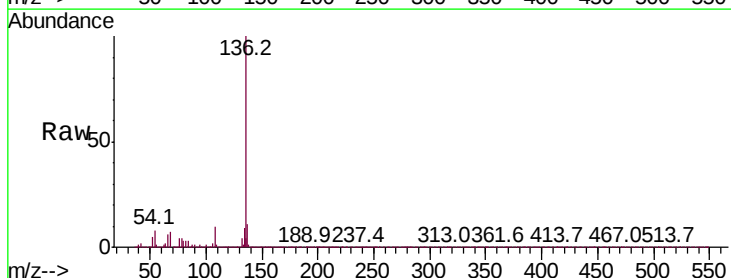
Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Tgt Ion: 136 Resp: 1297751

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.4	6.9	10.3
68	7.0	5.6	8.4

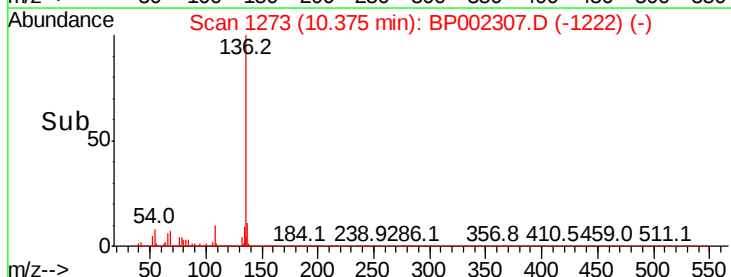
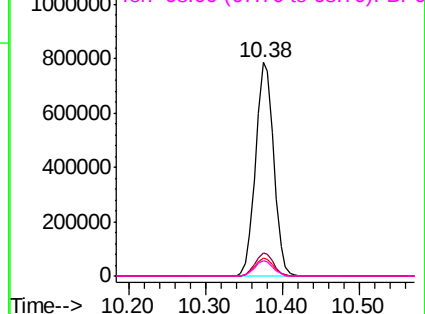


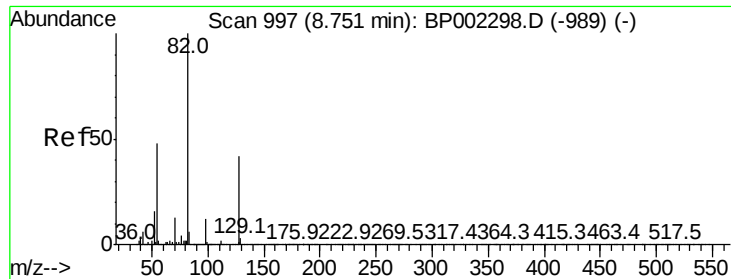
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

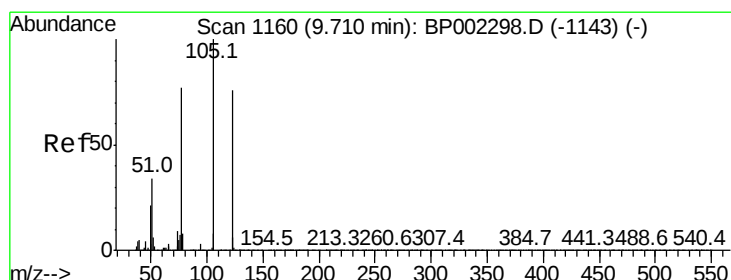
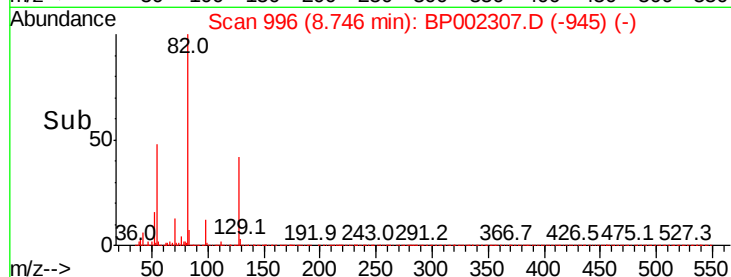
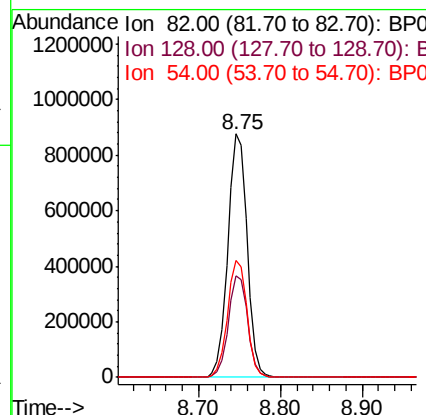
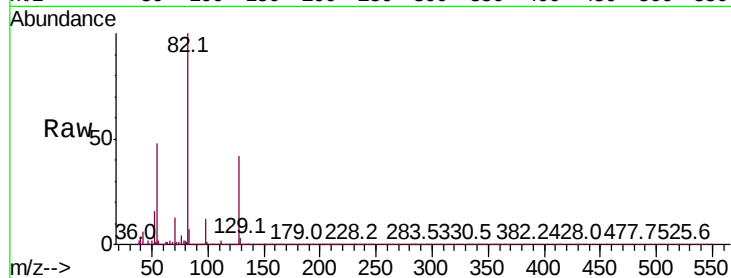




#23
Nitrobenzene-d5
Concen: 66.594 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

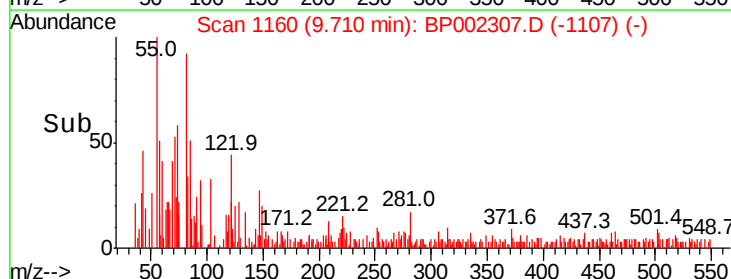
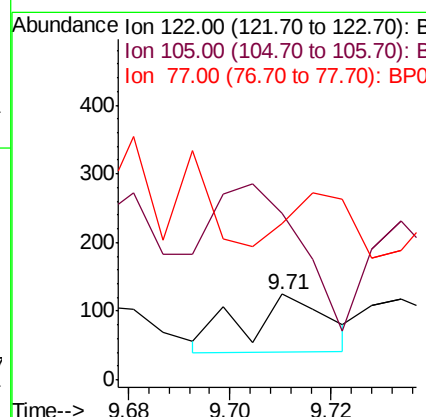
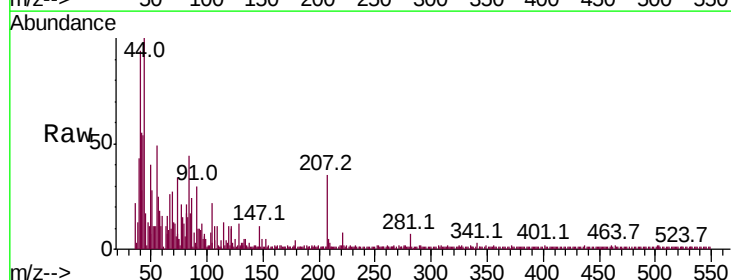
Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

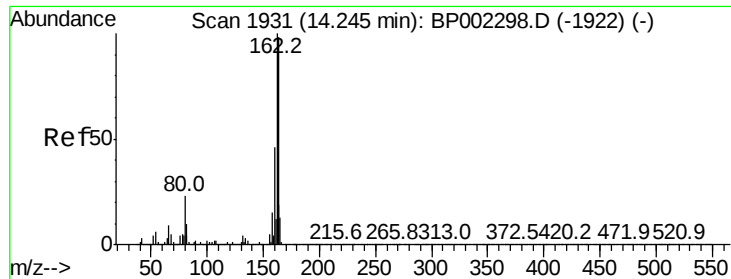
Tot Ion: 82 Resp: 1437447
Ion Ratio Lower Upper
82 100
128 41.6 33.4 50.0
54 48.2 38.3 57.5



#32
Benzoic acid
Concen: 4.816 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion: 122 Resp: 95
Ion Ratio Lower Upper
122 100
105 193.6 102.7 142.7#
77 181.6 74.8 114.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

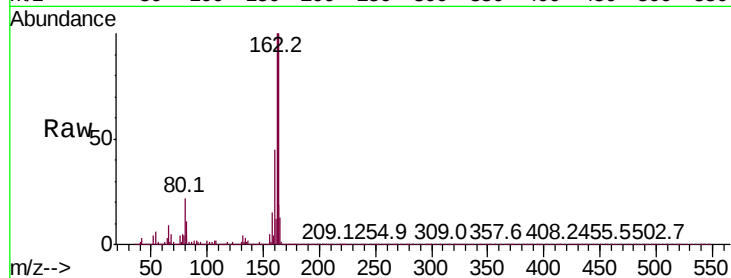
Tot Ion:164 Resp: 742314

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

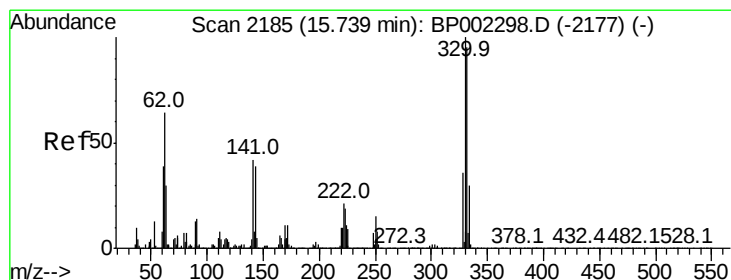
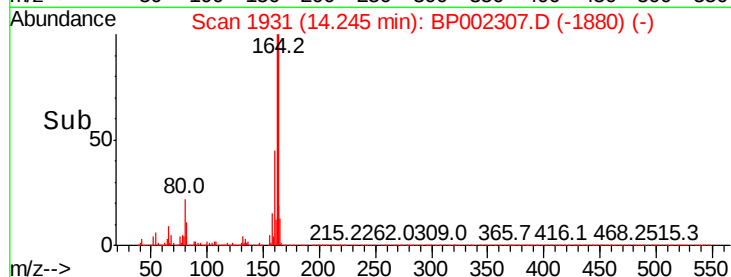
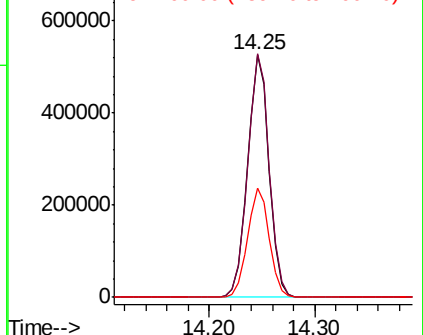
160 44.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 94.597 ng

RT: 15.74 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

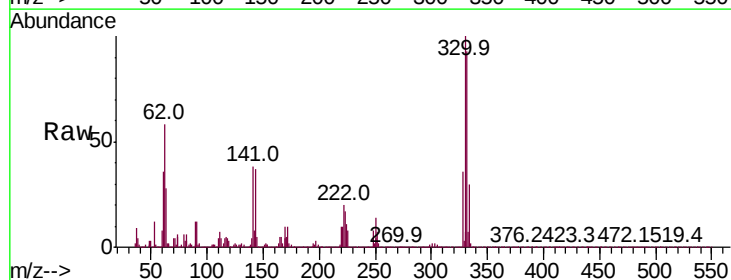
Tgt Ion:330 Resp: 665522

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

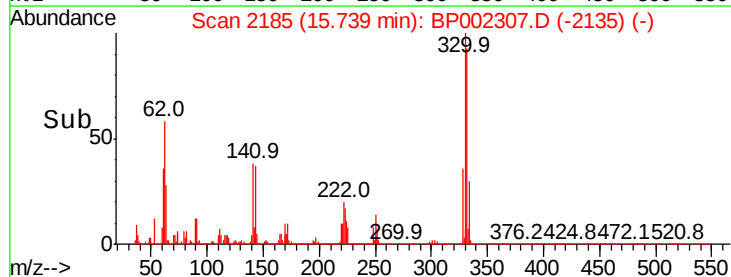
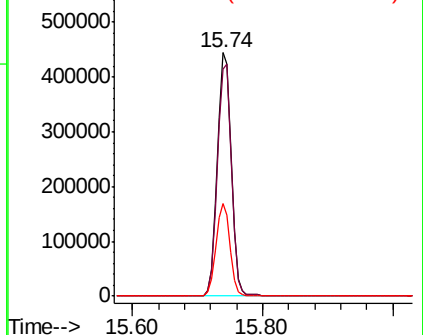
141 37.5 31.4 47.2

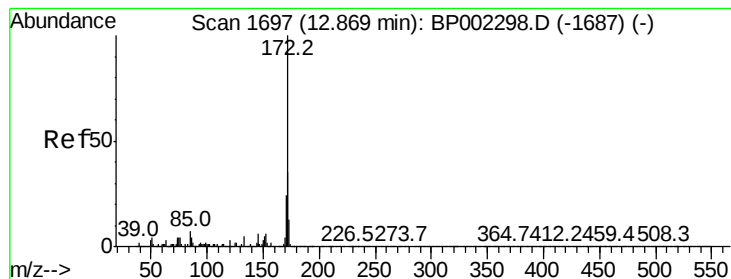


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 69.403 ng

RT: 12.87 min Scan# 1697

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

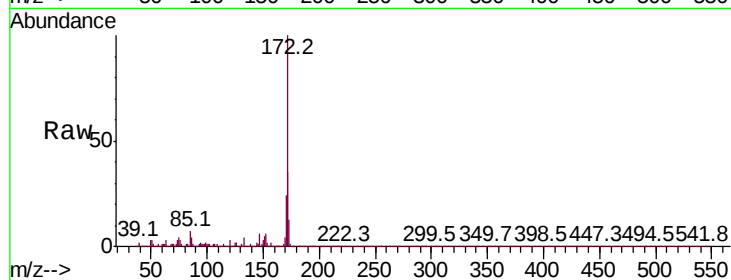
BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

Tot Ion:172 Resp: 2919662

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.6	18.9	28.3

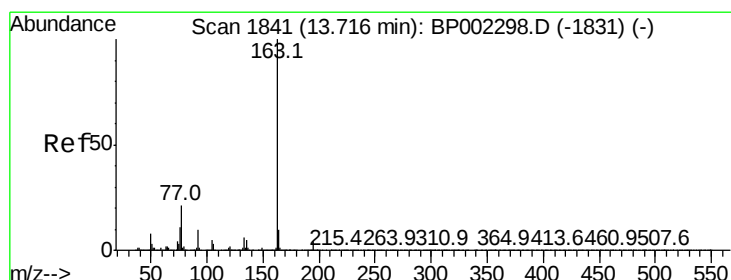
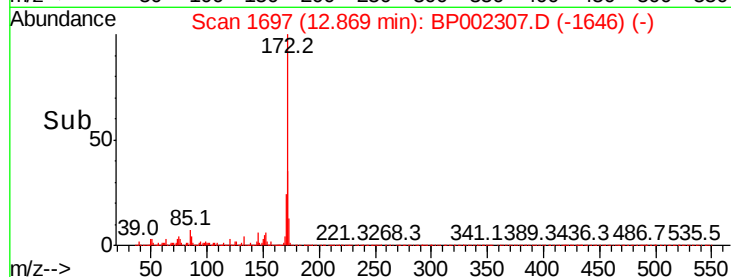
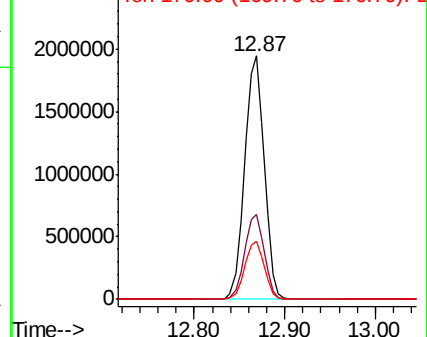


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 9.107 ng

RT: 13.71 min Scan# 1840

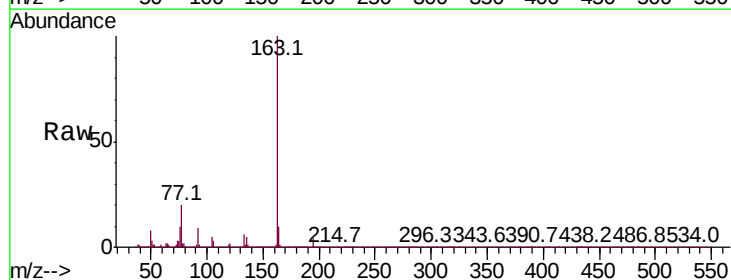
Delta R.T. -0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Tgt Ion:163 Resp: 457572

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	8.1	12.1

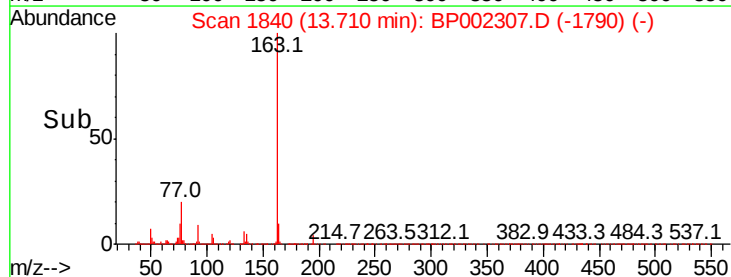
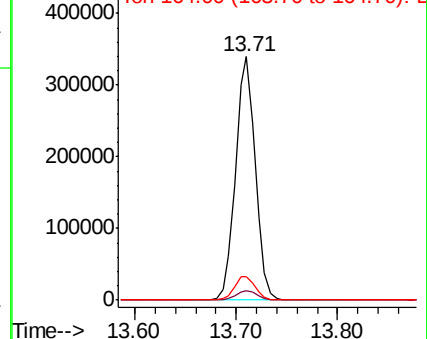


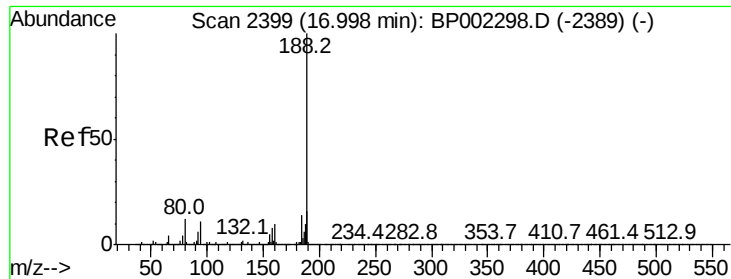
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

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ClientSampleId :

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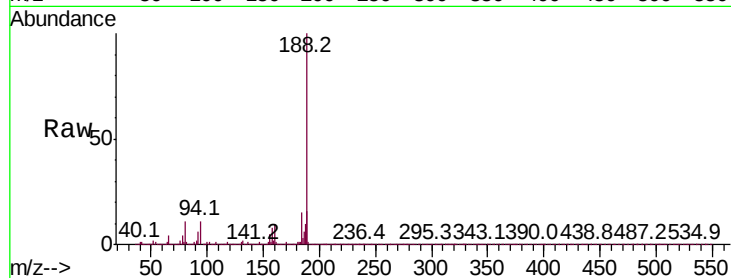
Tot Ion:188 Resp: 1516078

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

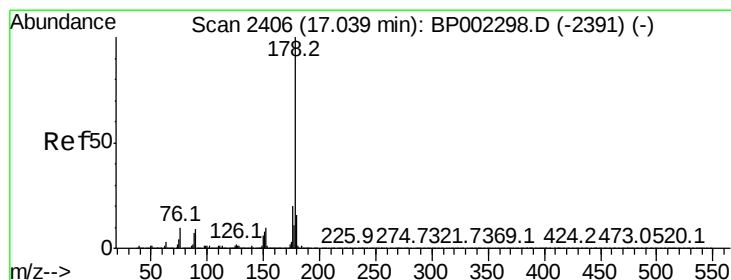
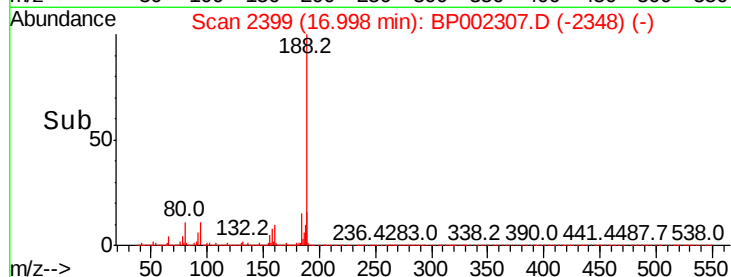
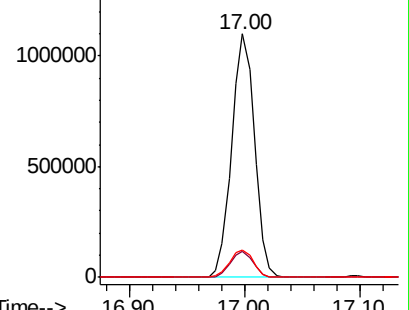
80 11.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

1500000 Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 3.368 ng

RT: 17.04 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

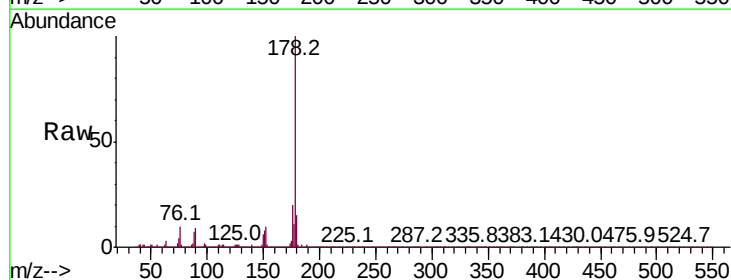
Tgt Ion:178 Resp: 241889

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

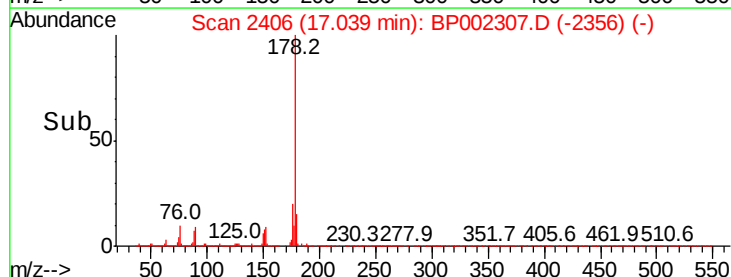
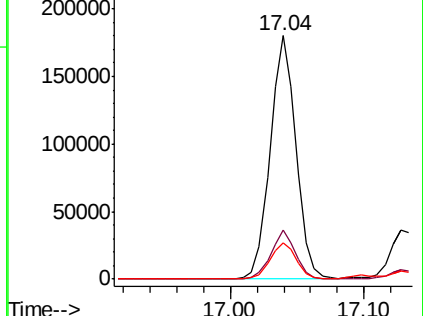
179 15.1 12.6 18.8

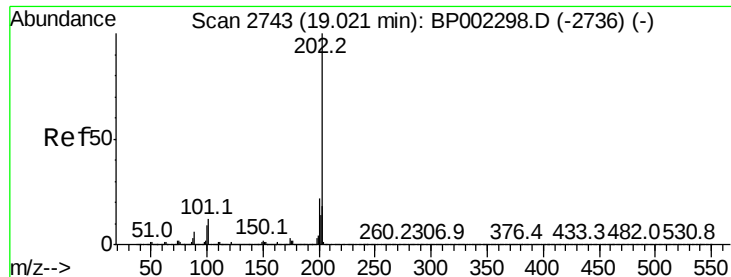


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.996 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

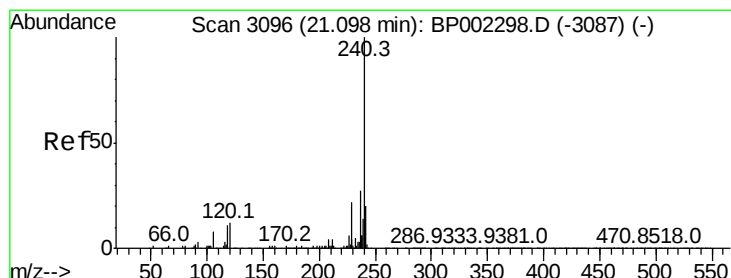
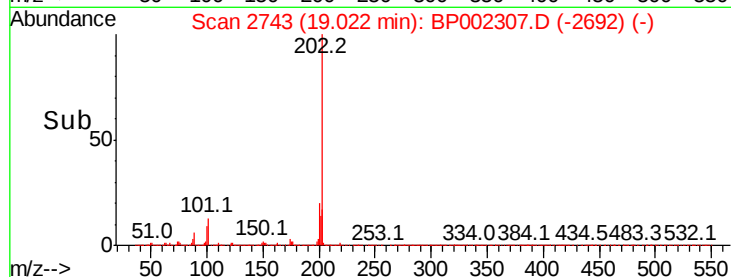
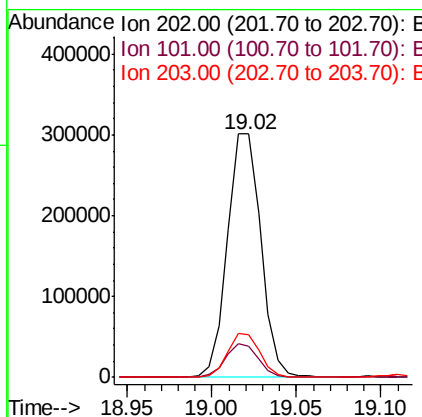
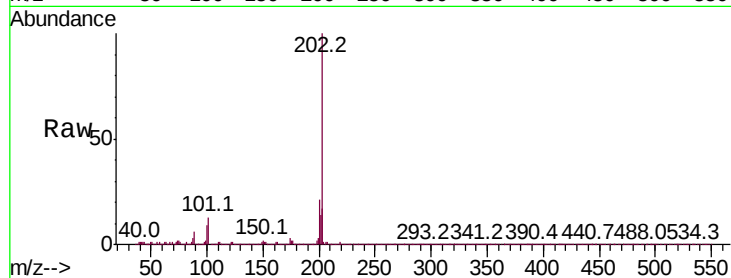
Instrument :

BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

Tot Ion:	202	Resp:	413243
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
203	17.3	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

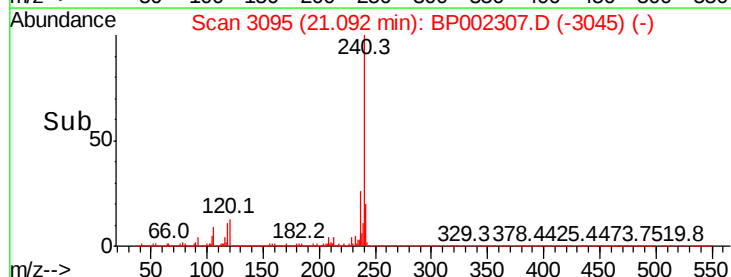
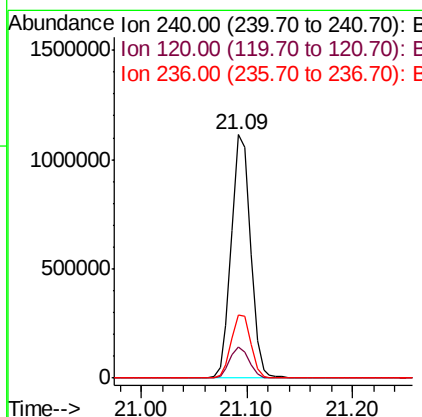
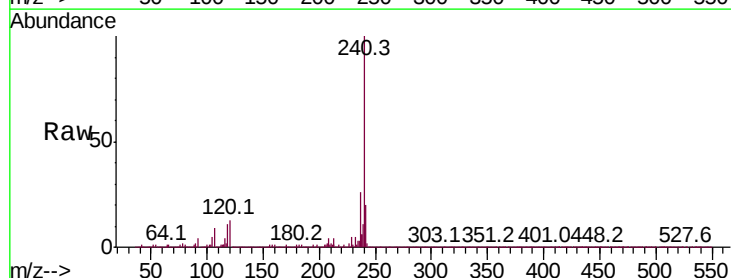
RT: 21.09 min Scan# 3095

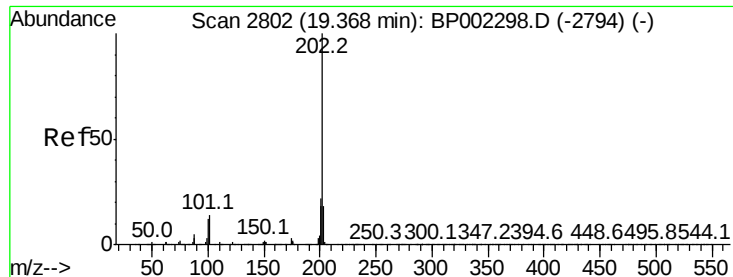
Delta R.T. -0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Tgt Ion:	240	Resp:	1397000
Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.7	13.1
236	25.9	21.0	31.4





#78

Pvrene

Concen: 4.591 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.00 min

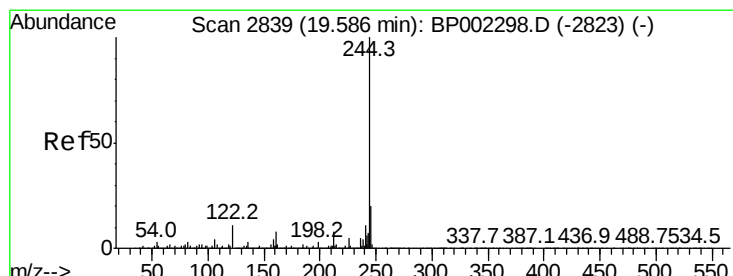
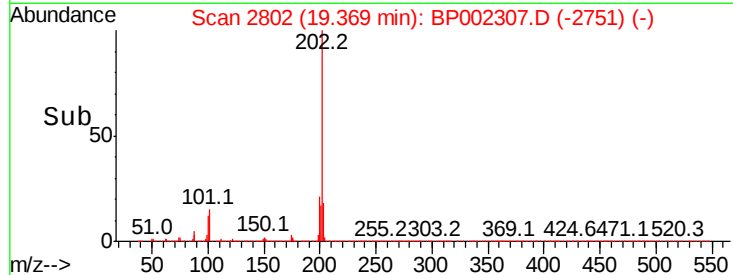
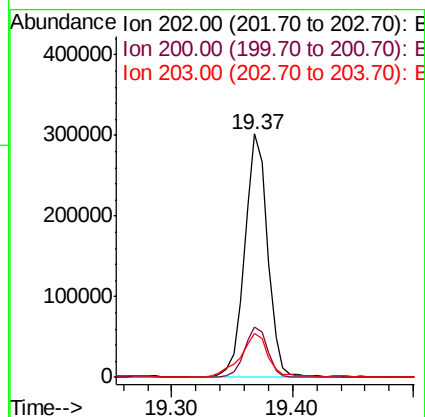
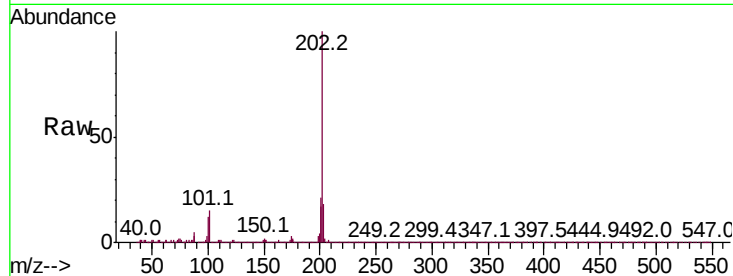
Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion:202 Resp: 399349

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	17.9	13.8	20.6



#79

Terphenyl-d14

Concen: 65.924 ng

RT: 19.59 min Scan# 2839

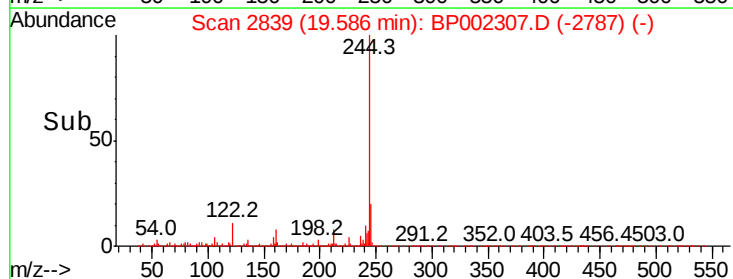
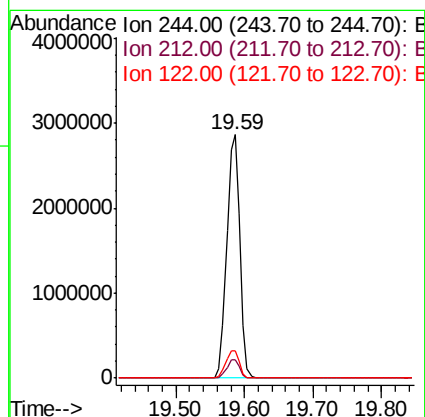
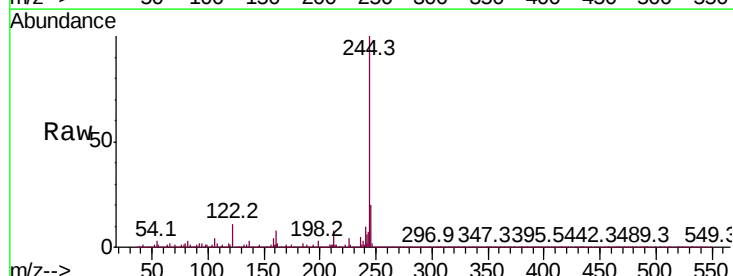
Delta R.T. 0.01 min

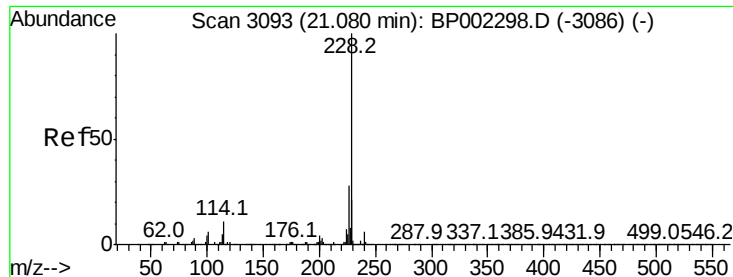
Lab File: BP002307.D

Acq: 28 May 2020 13:42

Tgt Ion:244 Resp: 3802922

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.1	9.4	14.0





#81

Benzo(a)anthracene

Concen: 2.615 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

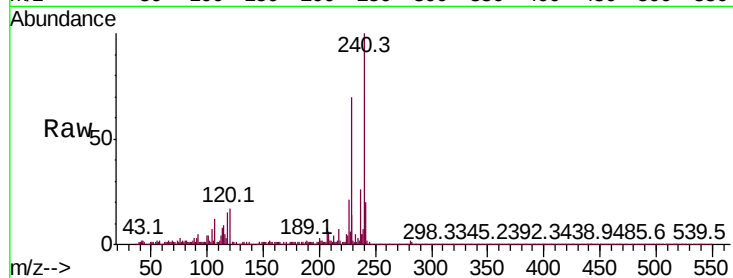
Tot Ion:228 Resp: 209144

Ion Ratio Lower Upper

228 100

226 30.1 22.7 34.1

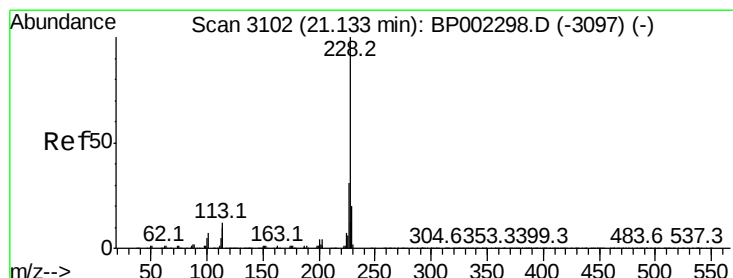
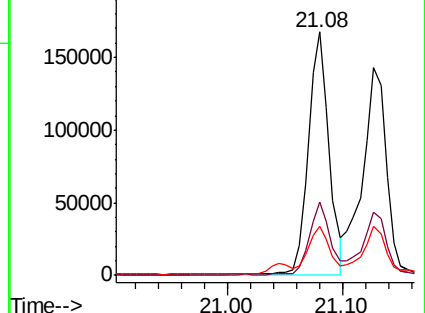
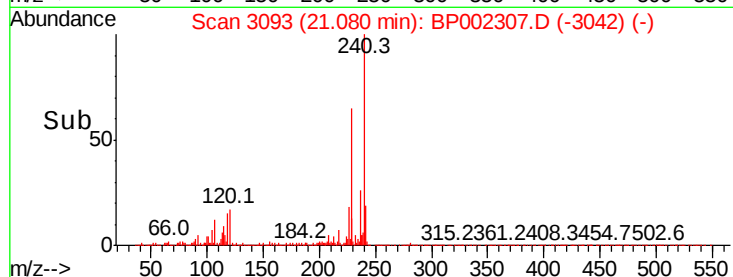
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.539 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

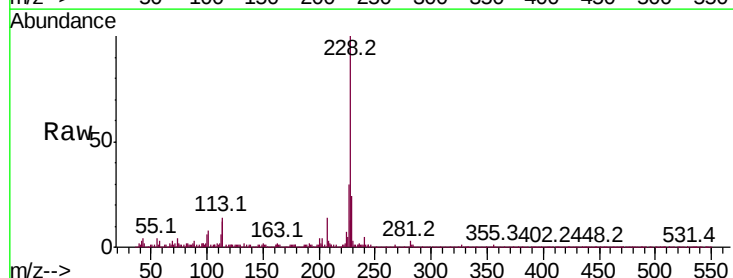
Tgt Ion:228 Resp: 194886

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

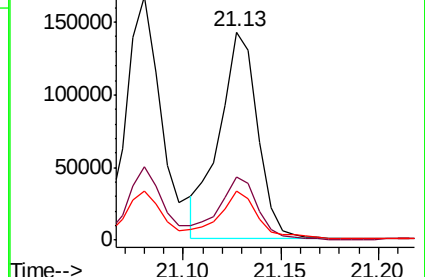
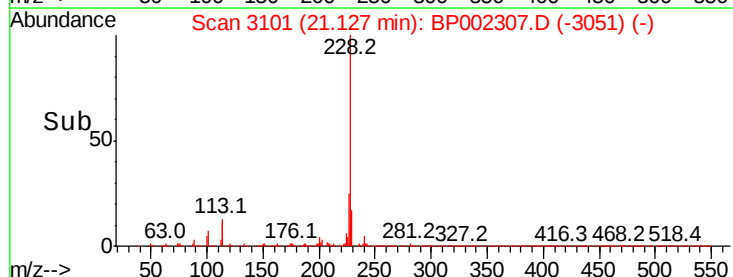
229 23.7 16.2 24.4

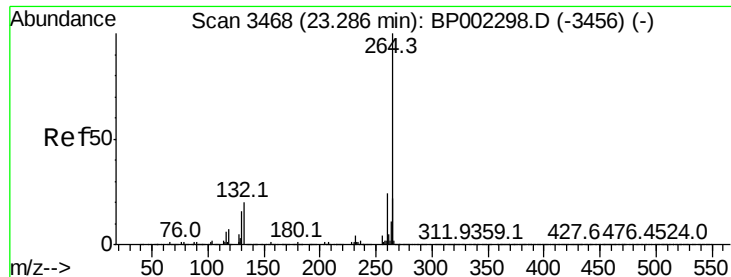


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

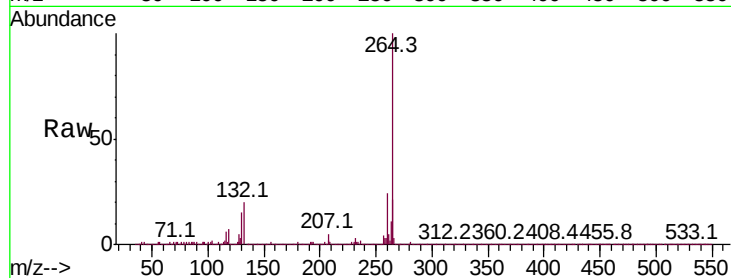
Tot Ion:264 Resp: 1465306

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.3	17.8	26.6

264 100

260 23.5 19.4 29.2

265 21.3 17.8 26.6

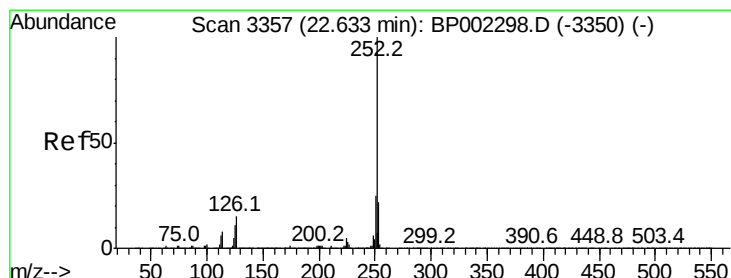
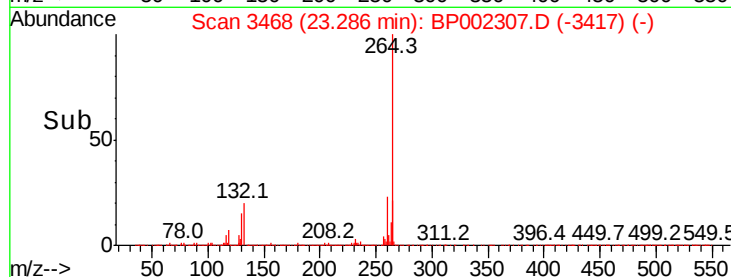
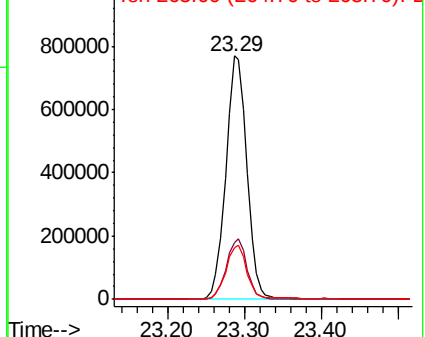


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.247 ng

RT: 22.63 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

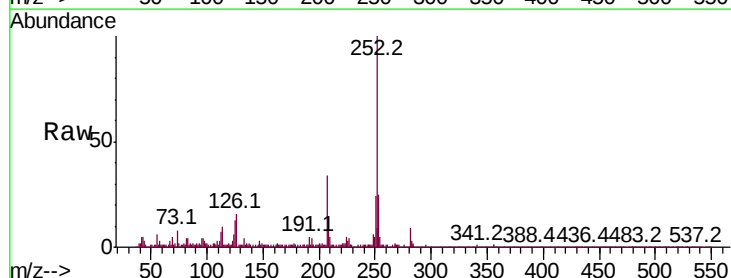
Tgt Ion:252 Resp: 339274

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	12.8	7.2	10.8

252 100

253 24.7 18.2 27.2

125 12.8 7.2 10.8

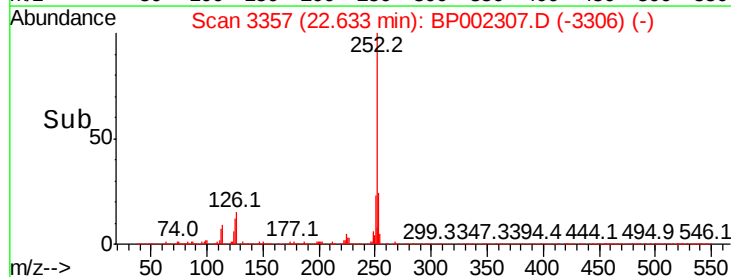
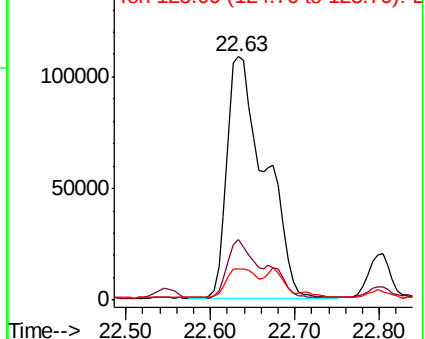


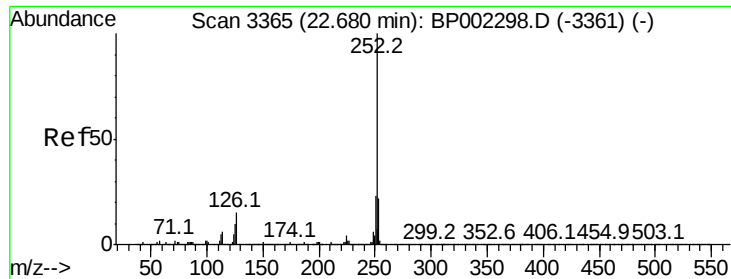
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.426 ng

RT: 22.63 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

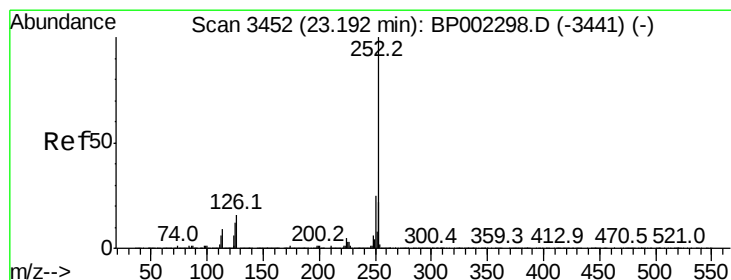
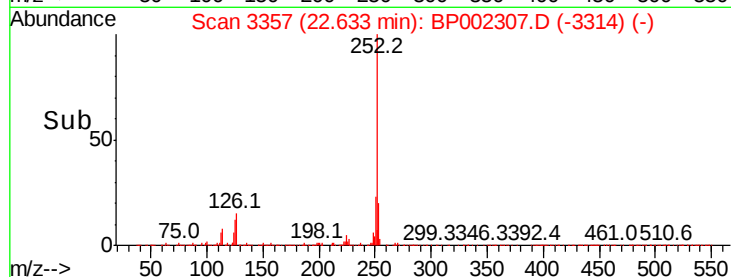
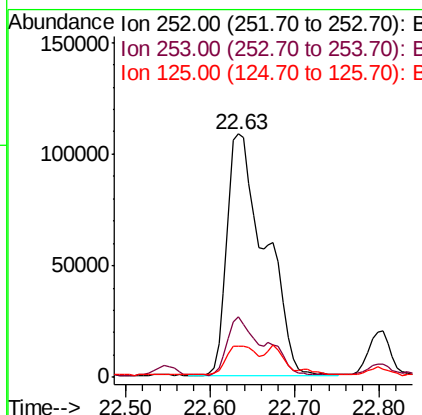
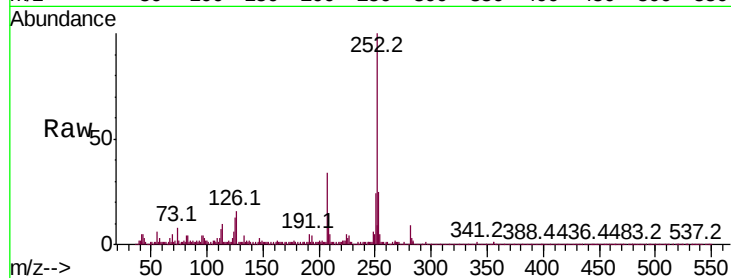
Instrument :

BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

Tot Ion:	252	Resp:	339274
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	12.8	7.4	11.2#



#90

Benzo(a)pyrene

Concen: 2.485 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Tgt Ion:	252	Resp:	184170
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.1	8.4	12.6#

