

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002328.D
 Acq On : 29 May 2020 22:35
 Operator : CG/JU
 Sample : L2745-04 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

Manual Integrations
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mohammad
 6/1/2020 12:24:36 PM

Quant Time: May 30 02:39:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	407039	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1694870	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	988807	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	2007926	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1803210	20.00	ng	0.00
86) Perylene-d12	23.32	264	1877330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1425888	65.79	ng	0.00
7) Phenol-d6	6.79	99	2018776	68.48	ng	0.00
23) Nitrobenzene-d5	8.75	82	1367142	48.50	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	660660	70.50	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2864631	51.12	ng	0.00
79) Terphenyl-d14	19.60	244	3729501	50.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	173359	2.590	ng	100
71) Phenanthrene	17.05	178	376521	3.959	ng	100
75) Fluoranthene	19.03	202	780417	7.124	ng	100
78) Pyrene	19.39	202	726825	6.473	ng	99
81) Benzo(a)anthracene	21.10	228	385722	3.737	ng	98
83) Chrysene	21.15	228	368002m	3.715	ng	
87) Indeno(1,2,3-cd)pyrene	25.54	276	255244	2.197	ng	97
88) Benzo(b)fluoranthene	22.66	252	499415m	4.879	ng	
90) Benzo(a)pyrene	23.22	252	369475	3.892	ng	# 96
92) Benzo(g,h,i)perylene	26.22	276	262561	2.717	ng	# 92

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

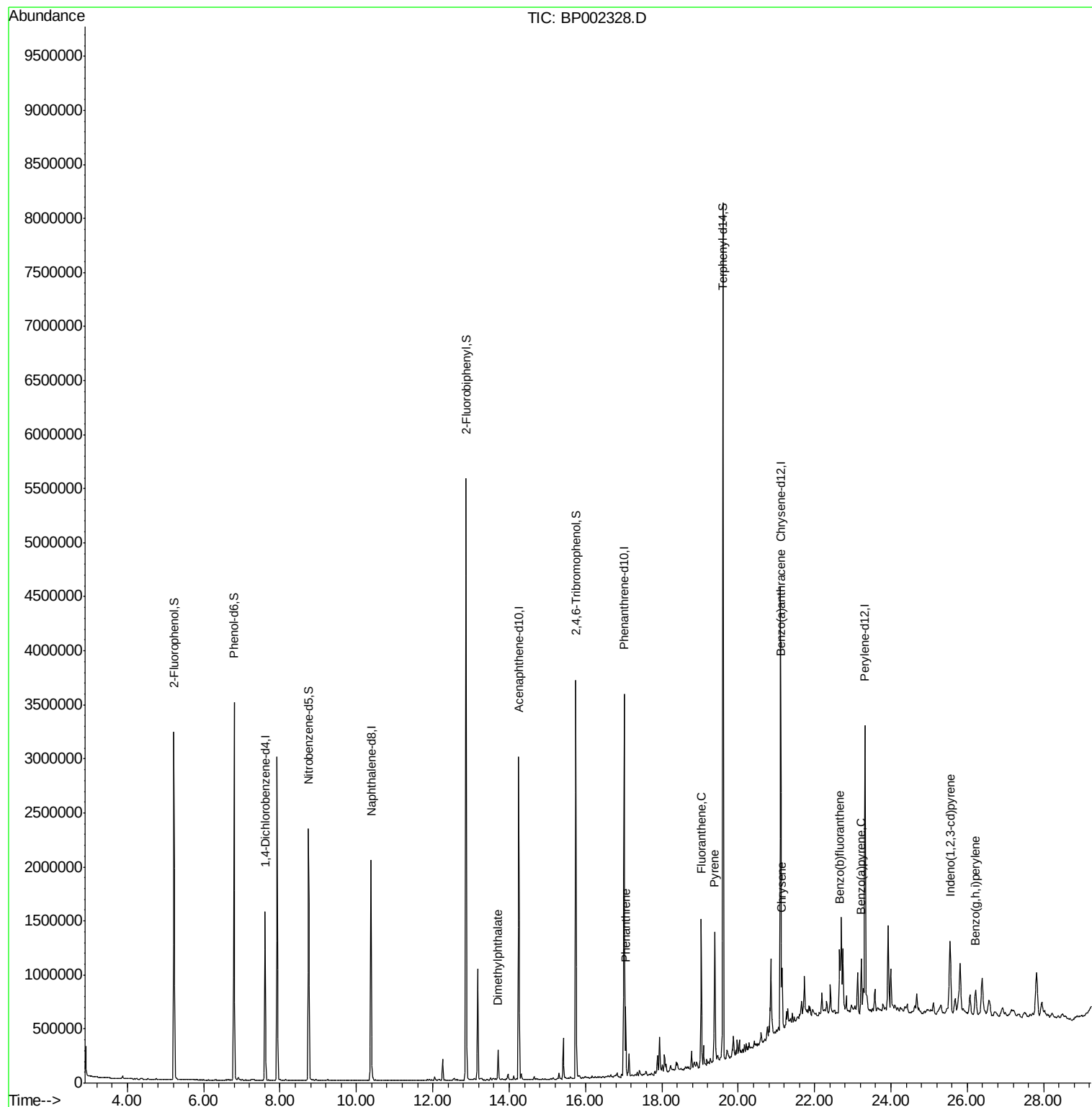
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002328.D
Acq On : 29 May 2020 22:35
Operator : CG/JU
Sample : L2745-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

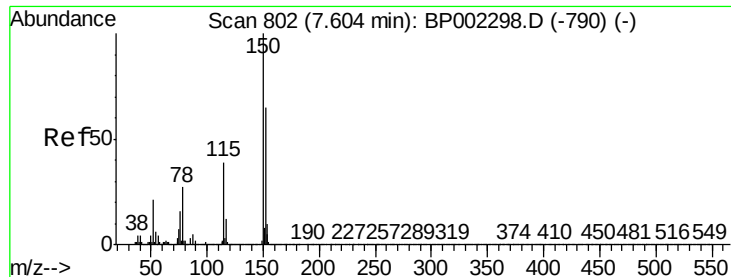
Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Manual Integrations
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#1

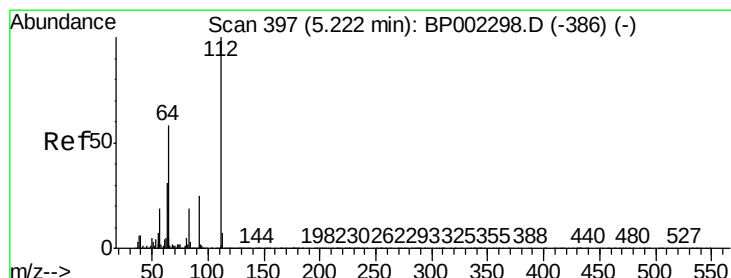
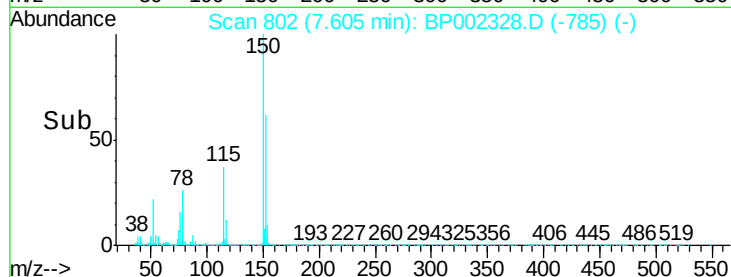
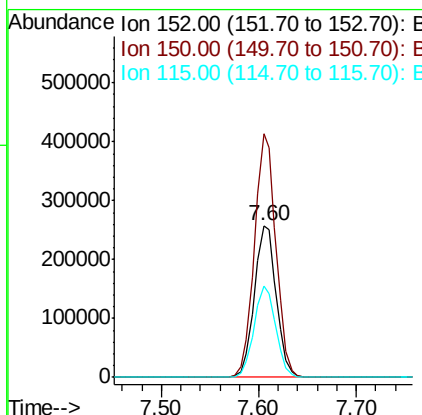
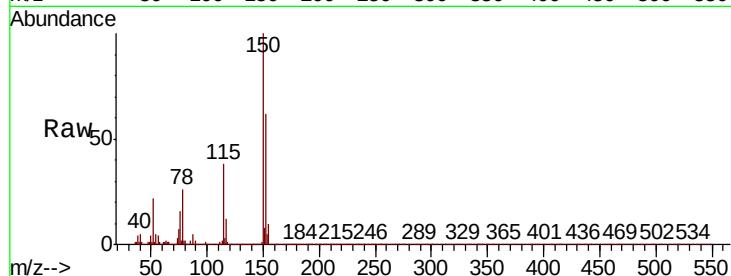
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.7	187.1
115	60.3	49.4	74.2

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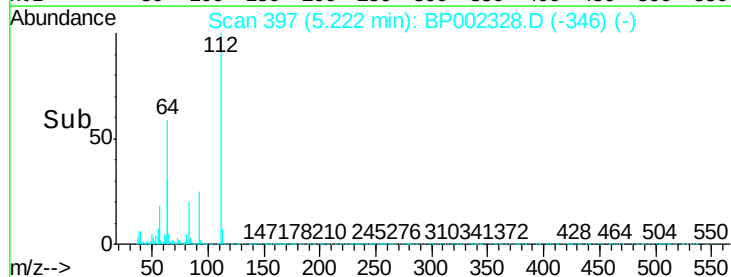
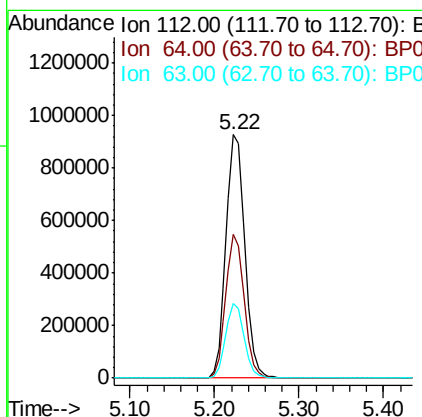
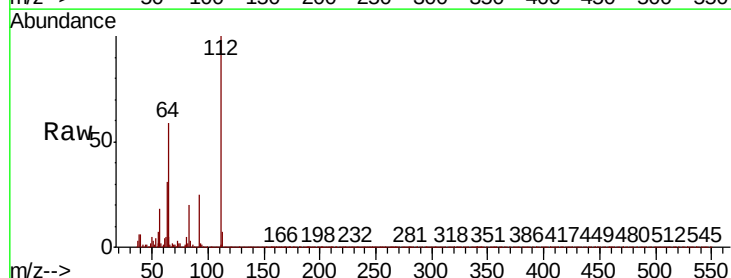
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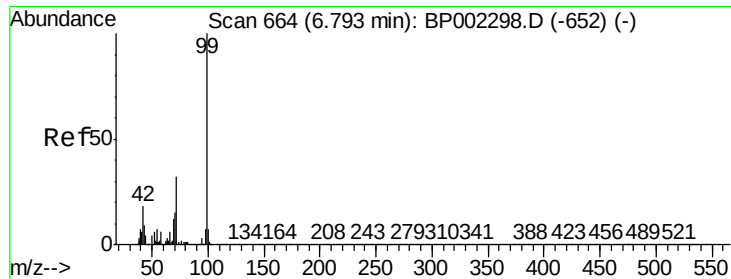


#5

2-Fluorophenol
Concen: 65.792 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.0	70.4
63	30.6	24.0	36.0





#7

Phenol-d6

Concen: 68.475 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002328.D

Acq: 29 May 2020 22:35

Instrument :

BNA_P

ClientSampleId :

NM81-COMP-2020-0-6

Tot Ion: 99 Resp: 2018776

Ion Ratio Lower Upper

99 100

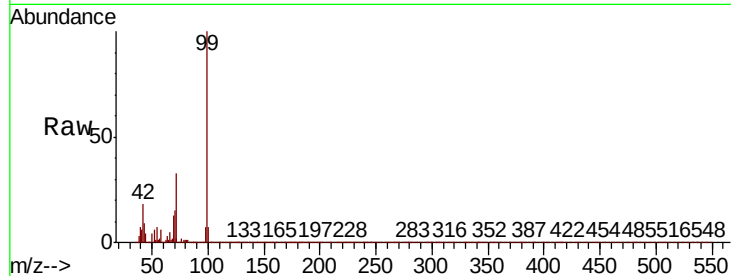
42 17.7 13.9 20.9

71 32.7 25.8 38.8

Manual Integrations
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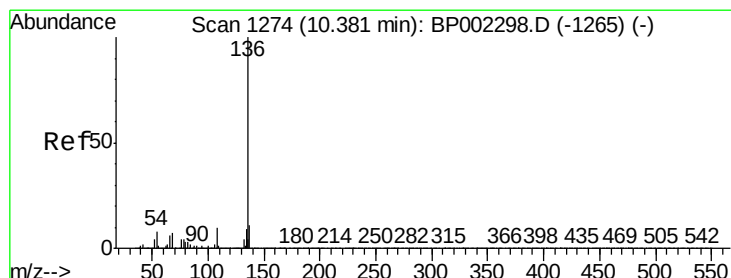
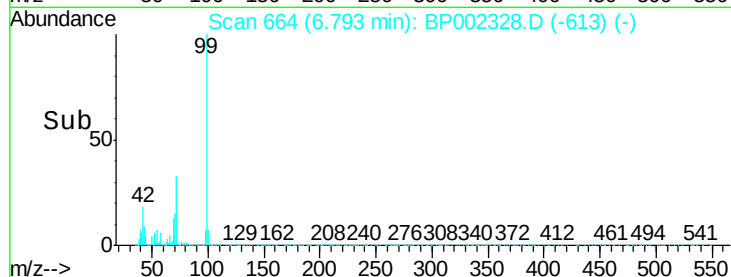
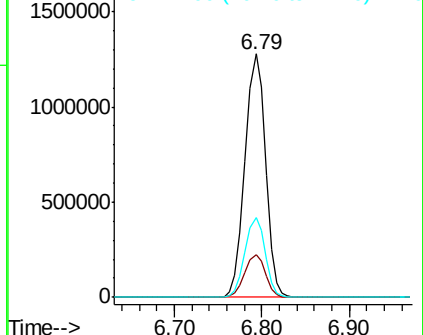
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Abundance Ion 99.00 (98.70 to 99.70): BP0

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# 1274

Delta R.T. -0.00 min

Lab File: BP002328.D

Acq: 29 May 2020 22:35

Tgt Ion: 136 Resp: 1694870

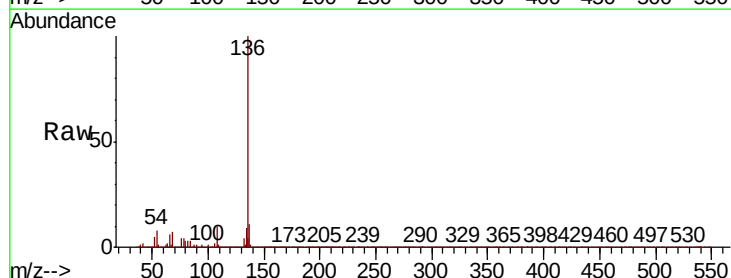
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.2 6.9 10.3

68 7.0 5.6 8.4

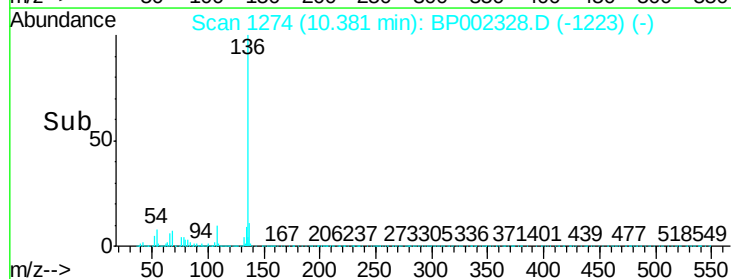
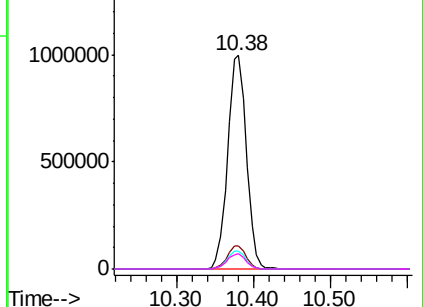


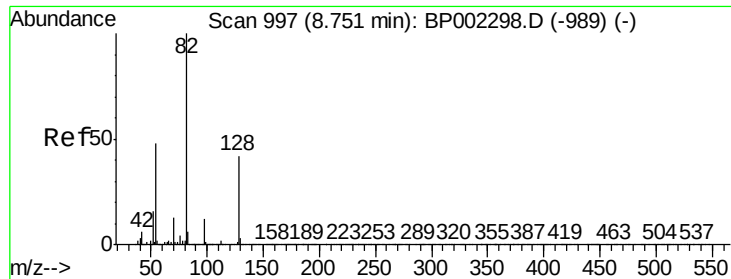
Abundance Ion 136.00 (135.70 to 136.70): E

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





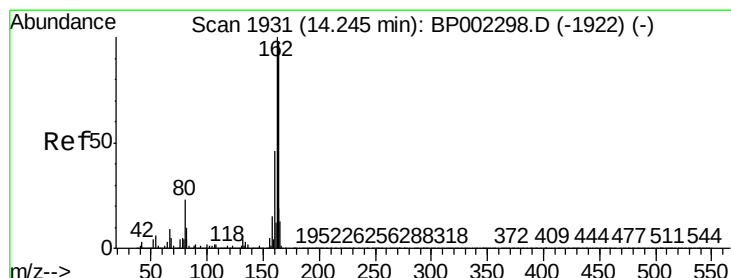
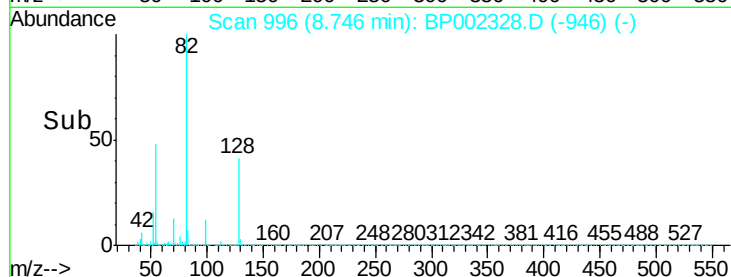
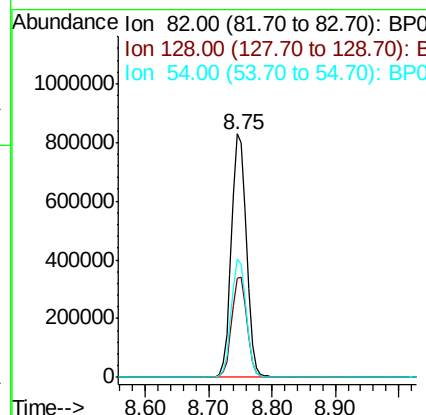
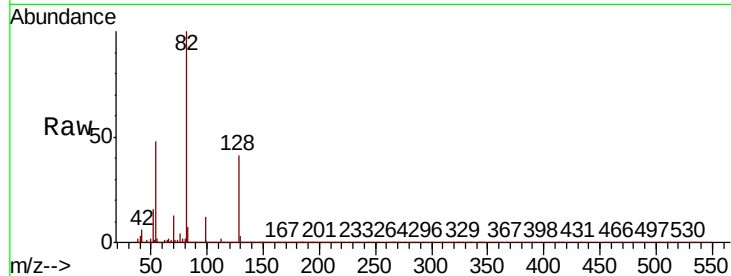
#23
Nitrobenzene-d5
Concen: 48.497 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	48.4	38.3	57.5

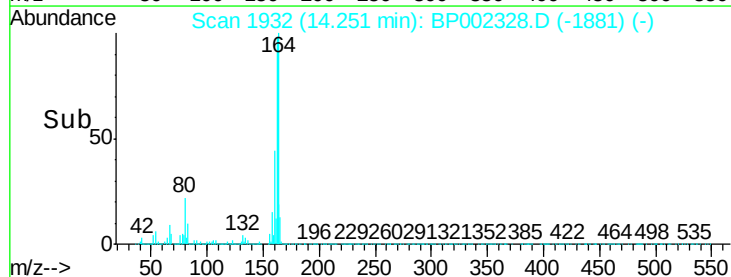
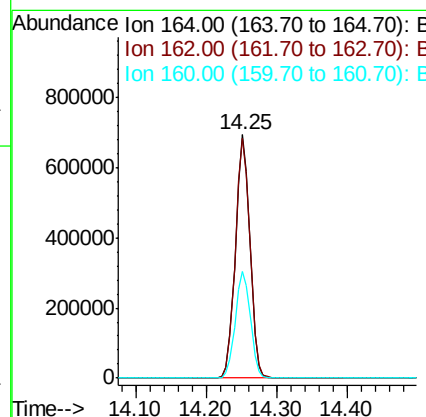
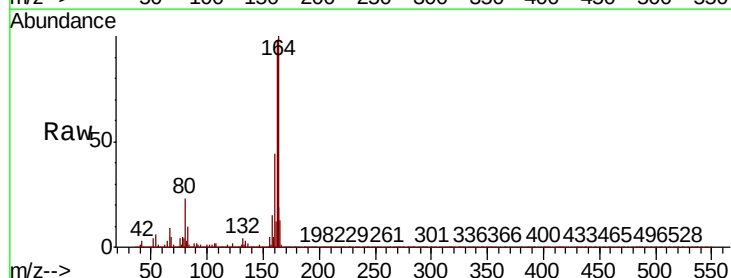
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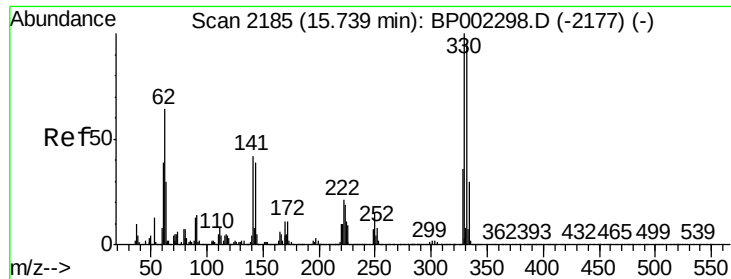
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.3	121.9
160	44.0	37.2	55.8





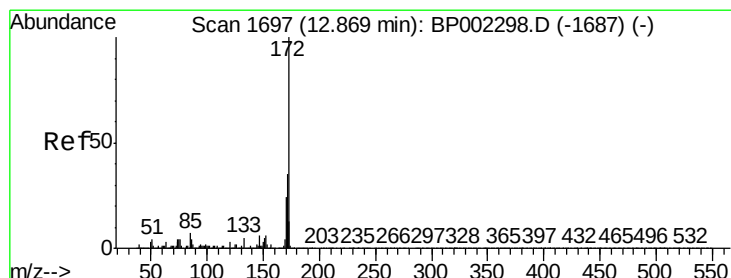
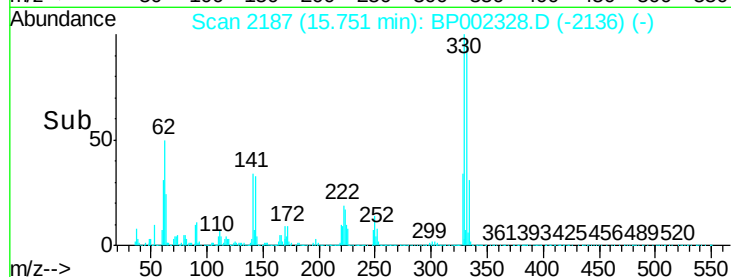
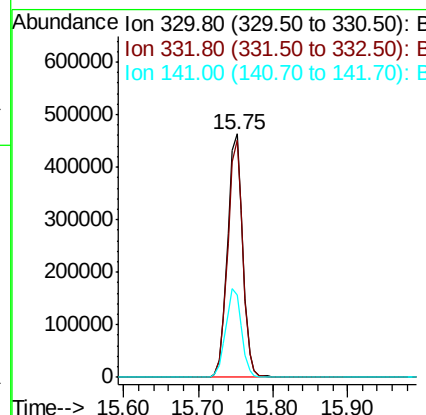
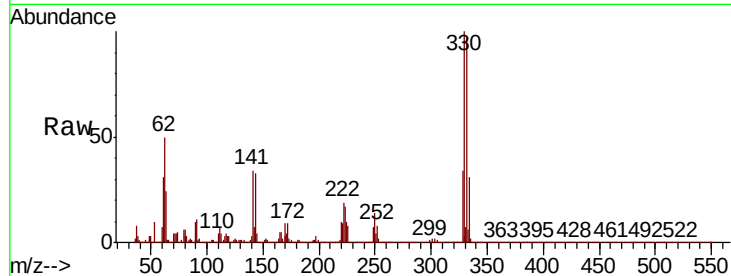
#42
2,4,6-Tribromophenol
Concen: 70.497 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	660660		
332	96.6	76.9	115.3	
141	37.3	31.4	47.2	

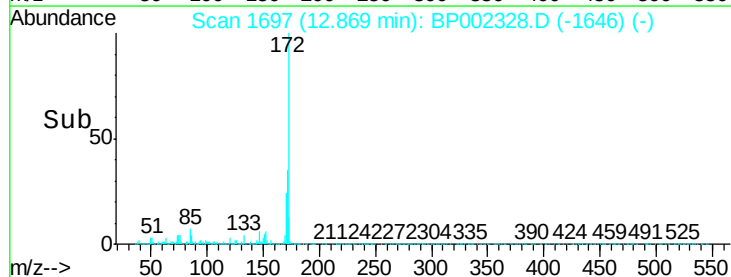
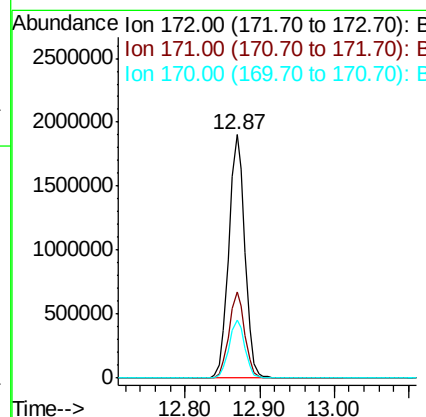
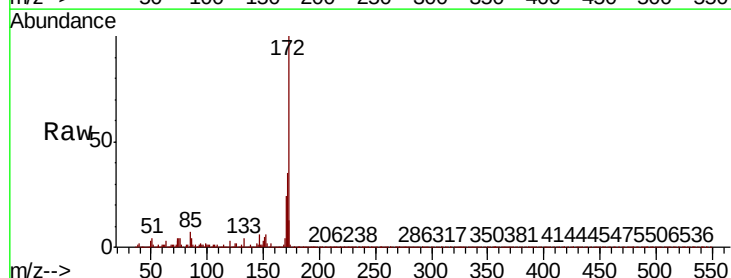
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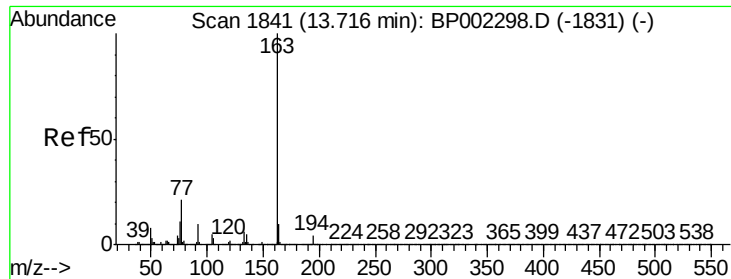
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#45
2-Fluorobiphenyl
Concen: 51.120 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2864631		
171	35.2	27.6	41.4	
170	23.6	18.9	28.3	





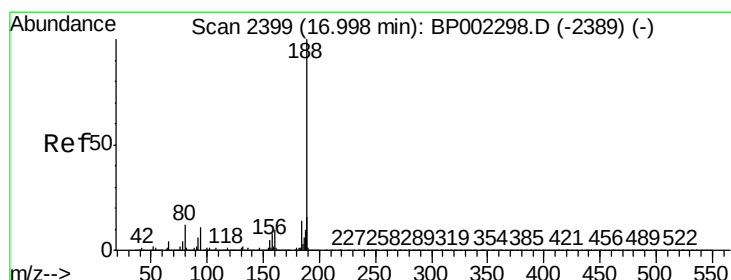
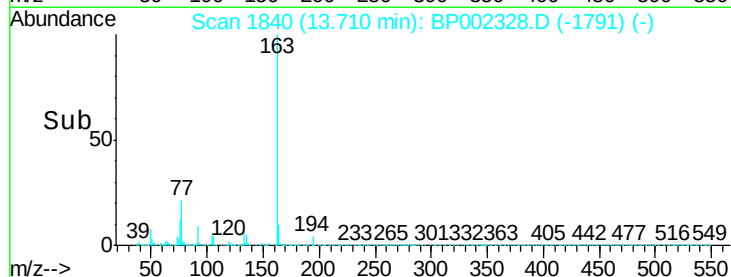
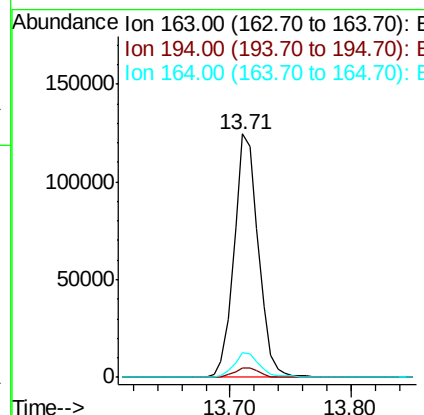
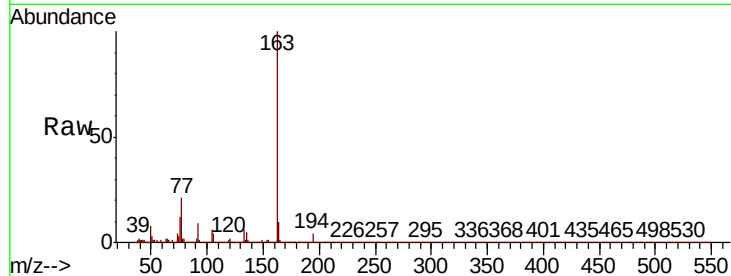
#50
Dimethylphthalate
Concen: 2.590 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	173359		
194	4.0		3.2	4.8
164	10.0		8.1	12.1

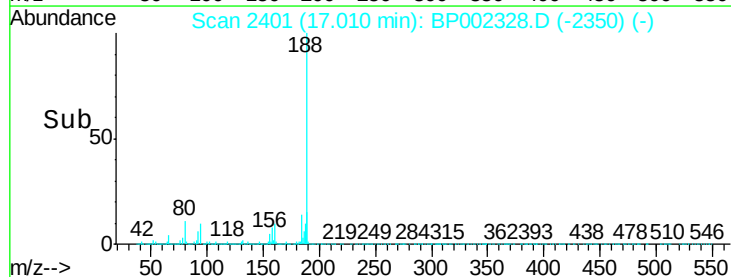
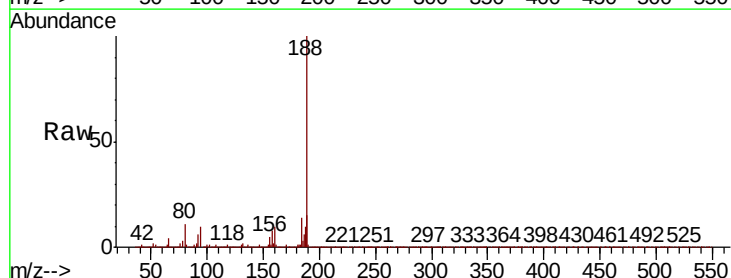
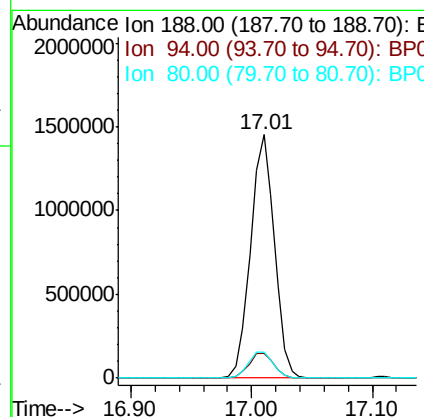
Manual Integrations
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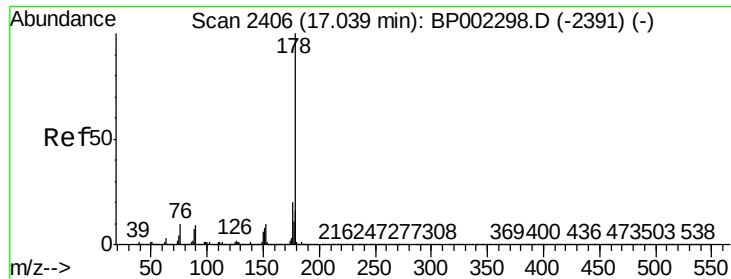
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	2007926		
94	10.2		8.7	13.1
80	10.9		9.3	13.9





#71

Phenanthrene

Concen: 3.959 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002328.D

Acq: 29 May 2020 22:35

Instrument :

BNA_P

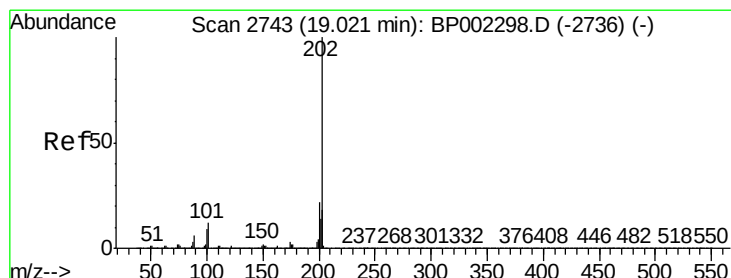
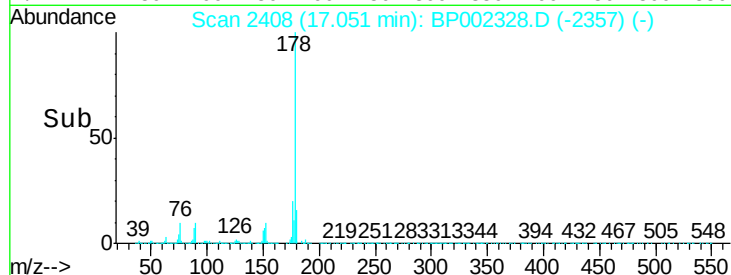
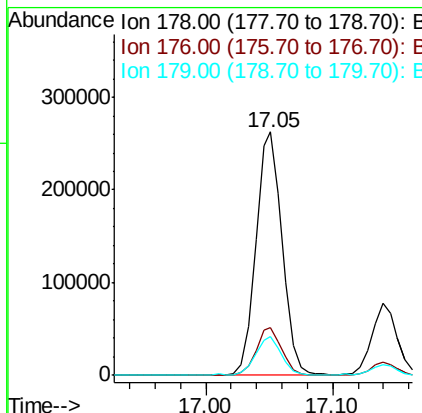
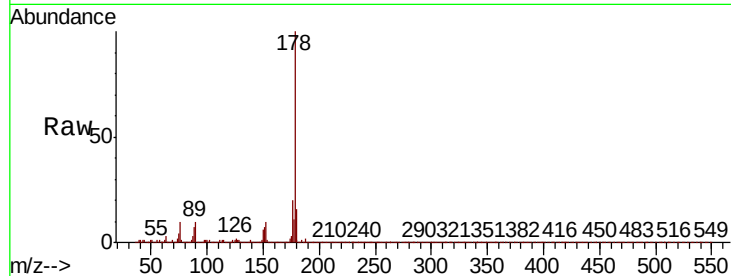
ClientSampleId :

NM81-COMP-2020-0-6

Tot Ion:178	Resp:	376521
Ion Ratio	Lower	Upper
178 100		
176 19.7	15.8	23.8
179 15.7	12.6	18.8

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#75

Fluoranthene

Concen: 7.124 ng

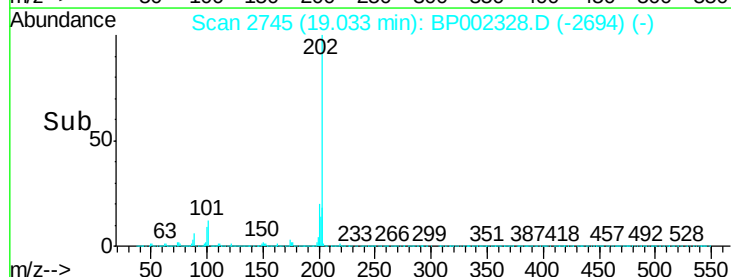
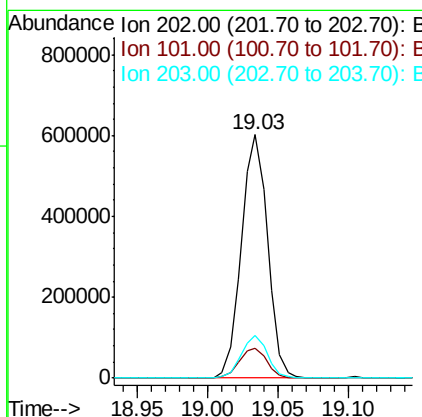
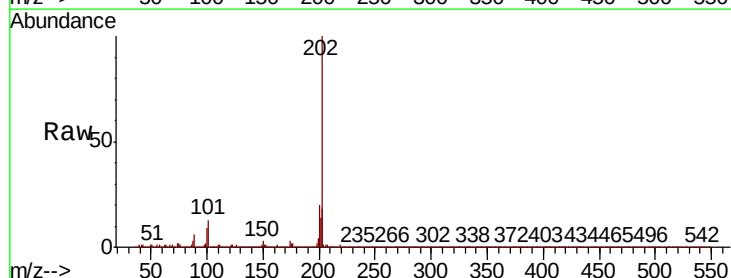
RT: 19.03 min Scan# 2745

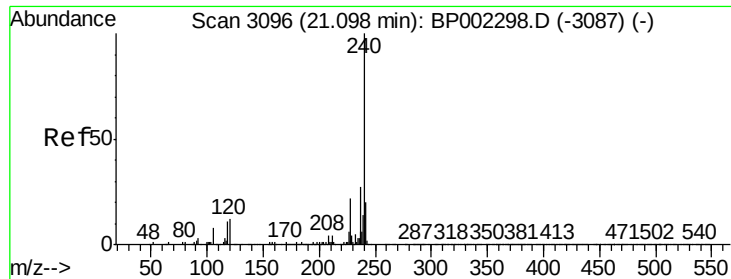
Delta R.T. -0.00 min

Lab File: BP002328.D

Acq: 29 May 2020 22:35

Tgt Ion:202	Resp:	780417
Ion Ratio	Lower	Upper
202 100		
101 12.5	0.0	32.1
203 17.6	0.0	37.6





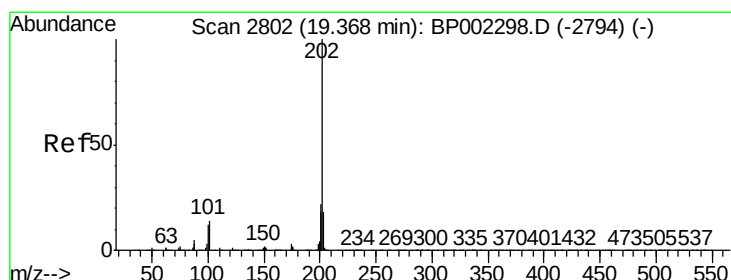
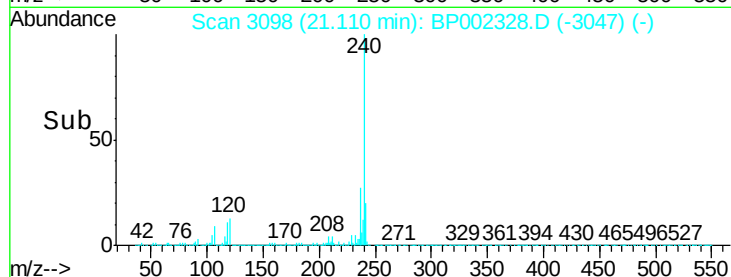
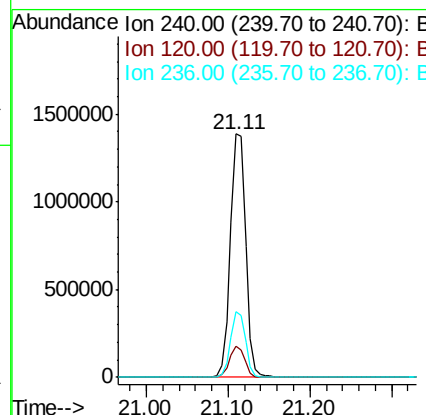
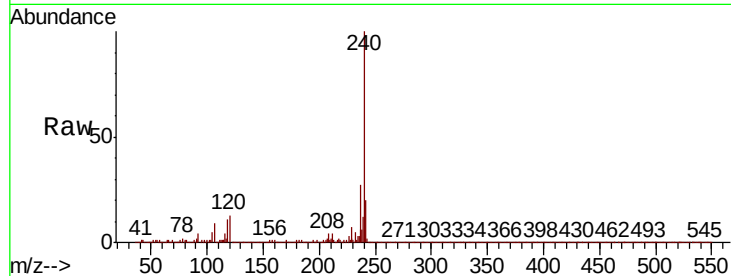
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion:240 Resp: 1803210
Ion Ratio Lower Upper
240 100
120 12.8 8.7 13.1
236 26.7 21.0 31.4

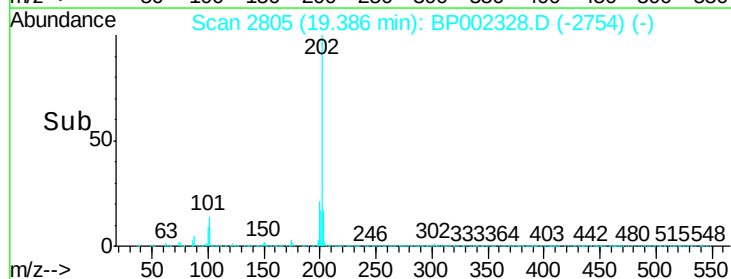
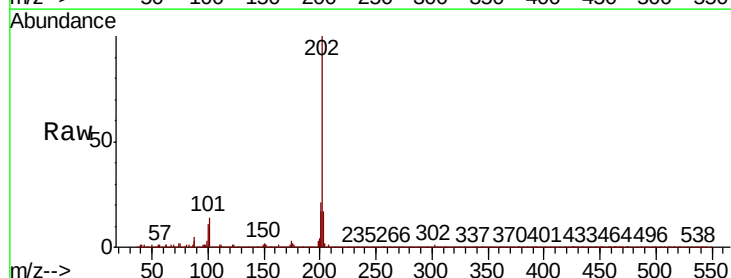
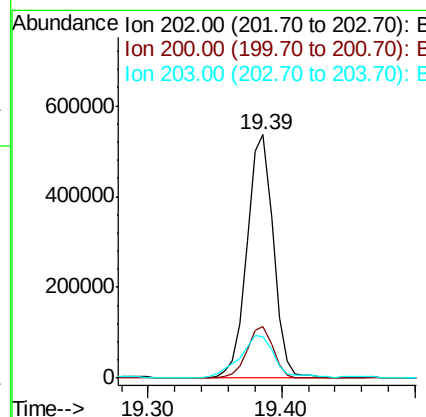
Manual Integrations
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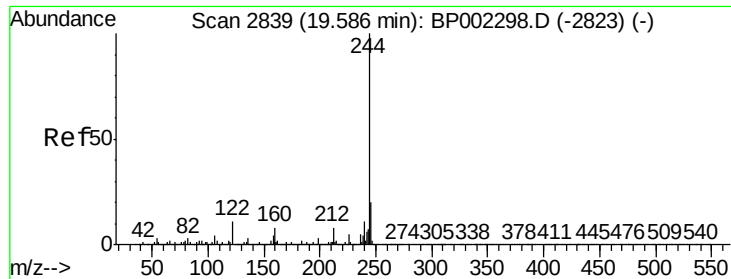
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#78
Pyrene
Concen: 6.473 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion:202 Resp: 726825
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 50.087 ng

RT: 19.60 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BP002328.D

Acq: 29 May 2020 22:35

Instrument :

BNA_P

ClientSampleId :

NM81-COMP-2020-0-6

Tot Ion:244 Resp: 3729501

Ion Ratio Lower Upper

244 100

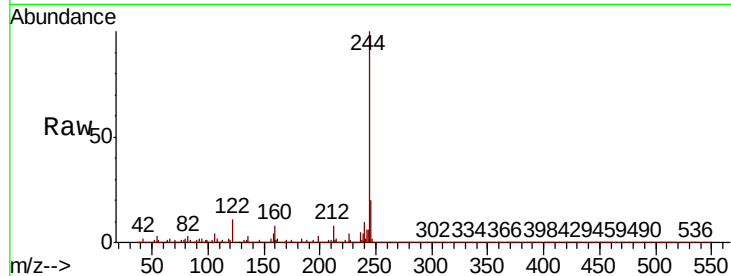
212 7.9 6.4 9.6

122 11.3 9.4 14.0

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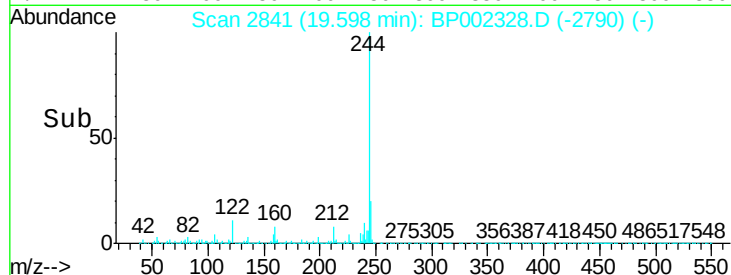


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

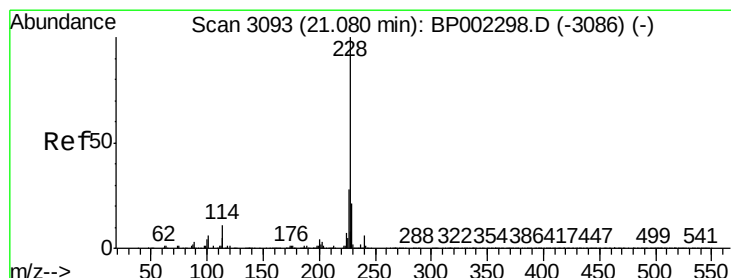
Ion 122.00 (121.70 to 122.70): E

Time-->



Abundance

Time-->



#81

Benzo(a)anthracene

Concen: 3.737 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BP002328.D

Acq: 29 May 2020 22:35

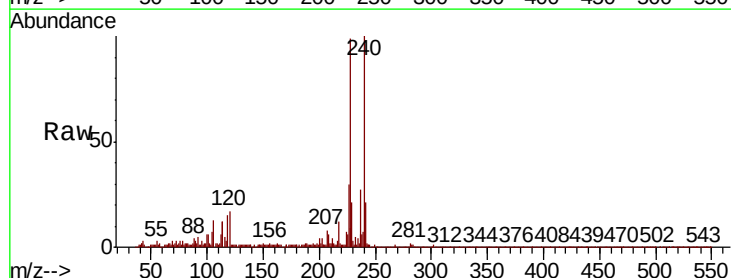
Tgt Ion:228 Resp: 385722

Ion Ratio Lower Upper

228 100

226 30.0 22.7 34.1

229 21.0 16.3 24.5

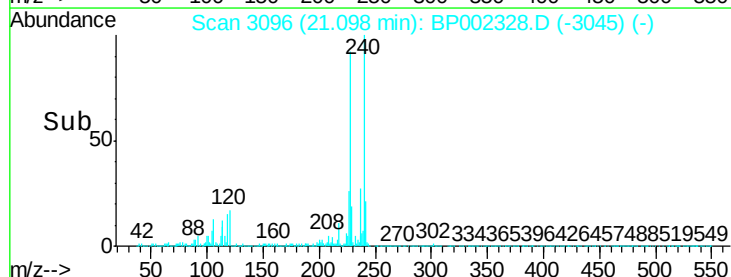


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

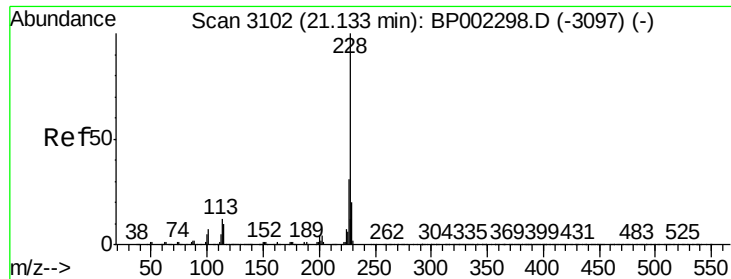
Ion 229.00 (228.70 to 229.70): E

Time-->



Abundance

Time-->



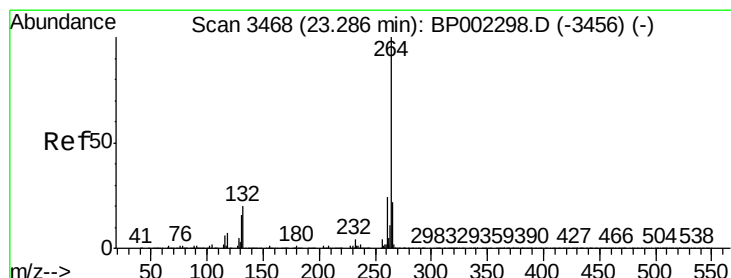
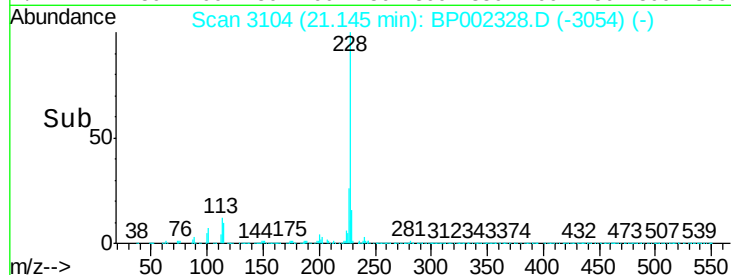
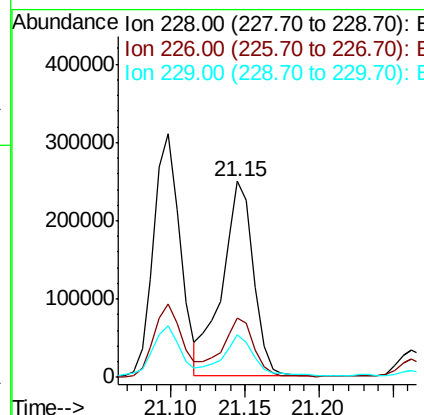
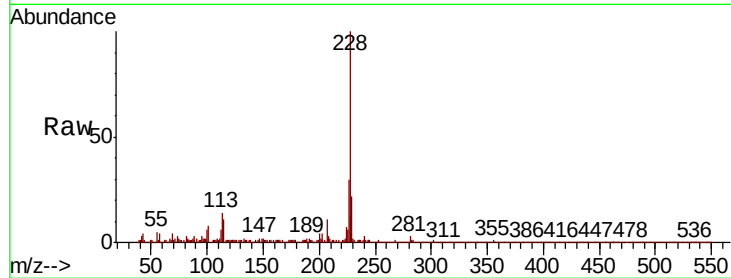
#83
Chrysene
Concen: 3.715 ng/mL
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.2	25.0	37.6		
229	21.6	16.2	24.4		

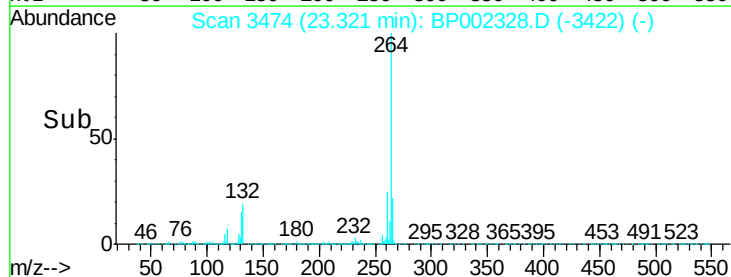
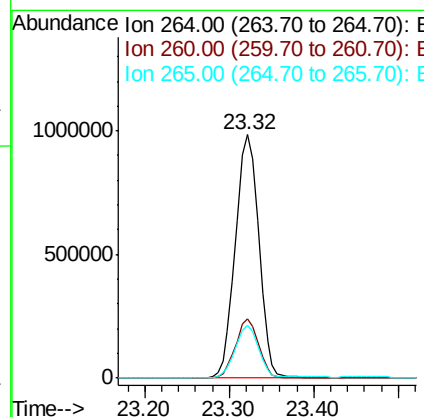
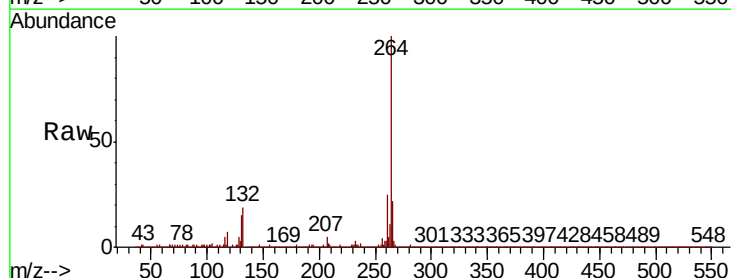
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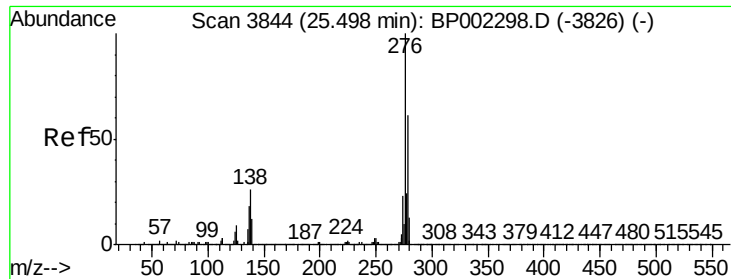
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.6	19.4	29.2		
265	21.9	17.8	26.6		





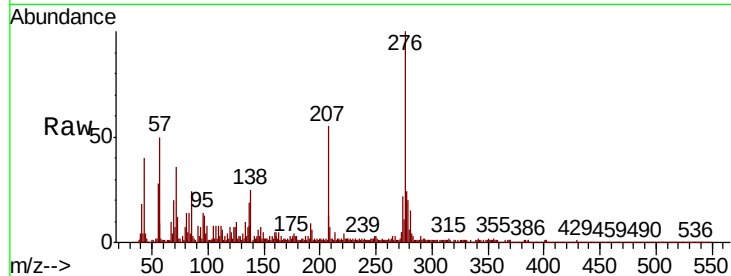
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.197 ng
 RT: 25.54 min Scan# 3851
 Delta R.T. -0.01 min
 Lab File: BP002328.D
 Acq: 29 May 2020 22:35

Instrument :
 BNA_P
 ClientSampleId :
 NM81-COMP-2020-0-6

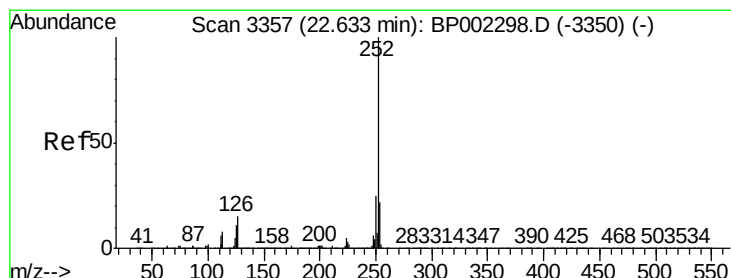
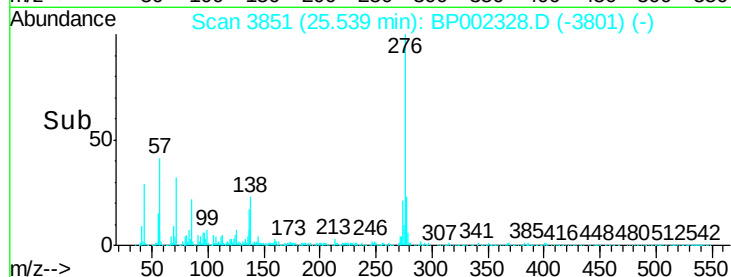
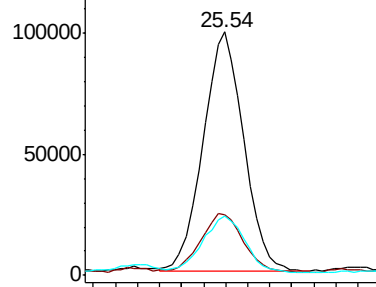
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.2	27.4
277	24.8	20.2	30.2

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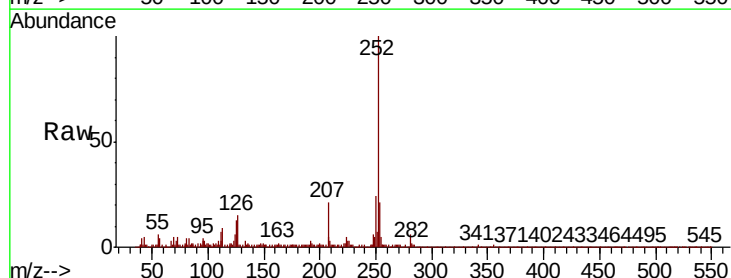


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

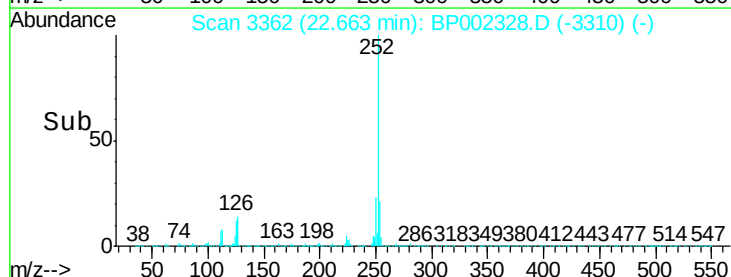
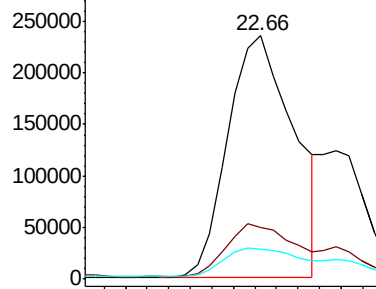


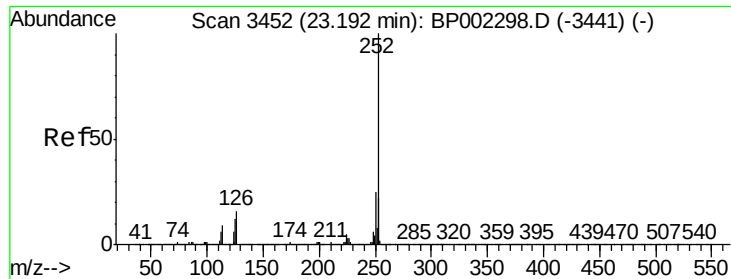
#88
 Benzo(b)fluoranthene
 Concen: 4.879 ng m
 RT: 22.66 min Scan# 3362
 Delta R.T. 0.01 min
 Lab File: BP002328.D
 Acq: 29 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	12.5	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





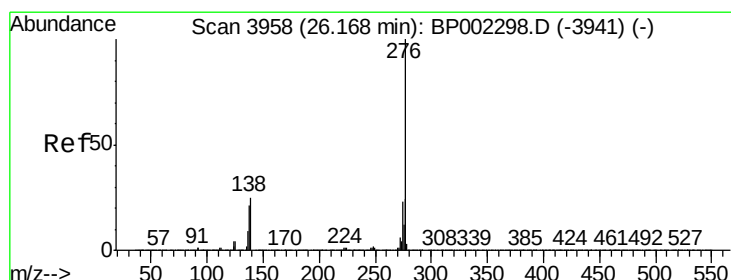
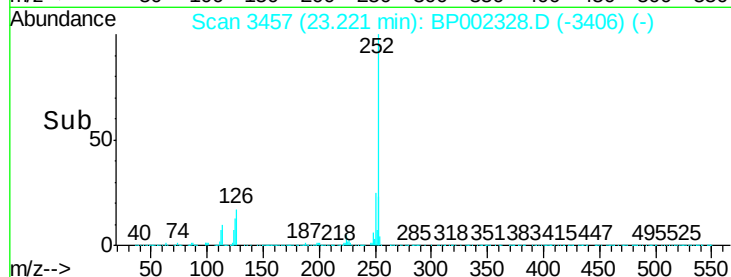
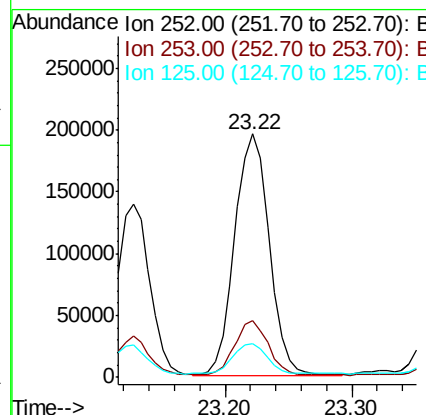
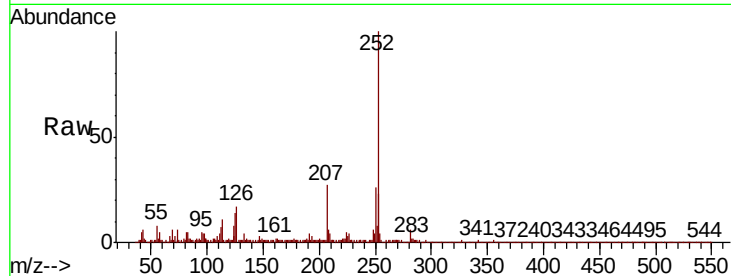
#90
Benzo(a)pyrene
Concen: 3.892 ng
RT: 23.22 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Instrument :
BNA_P
ClientSampleId :
NM81-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.0	8.4	12.6

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#92
Benzo(g,h,i)perylene
Concen: 2.717 ng
RT: 26.22 min Scan# 3966
Delta R.T. -0.00 min
Lab File: BP002328.D
Acq: 29 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	25.9	16.0	24.0

