

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002343.D
 Acq On : 01 Jun 2020 17:26
 Operator : CG/JU
 Sample : L2745-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM86-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 06:08:21 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	7.61	152	418973	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1676165	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	992866	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	2082724	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1768730	20.00	ng	0.00
86) Perylene-d12	23.33	264	1864686	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1574141	70.56	ng	0.00
7) Phenol-d6	6.80	99	2152290	70.92	ng	0.00
23) Nitrobenzene-d5	8.75	82	1440448	51.67	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	733902	77.99	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3011526	53.52	ng	0.00
79) Terphenyl-d14	19.60	244	3782840	51.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	320539	4.770	ng	99
71) Phenanthrene	17.06	178	312893	3.172	ng	99
75) Fluoranthene	19.04	202	845316	7.439	ng	99
78) Pyrene	19.39	202	864177	7.846	ng	99
81) Benzo(a)anthracene	21.10	228	468532	4.628	ng	97
83) Chrysene	21.15	228	462357m	4.758	ng	
88) Benzo(b)fluoranthene	22.67	252	646065m	6.355	ng	
89) Benzo(k)fluoranthene	22.70	252	201961m	2.070	ng	
90) Benzo(a)pyrene	23.23	252	459256	4.870	ng	# 96
92) Benzo(g,h,i)perylene	26.23	276	325825	3.394	ng	# 92

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

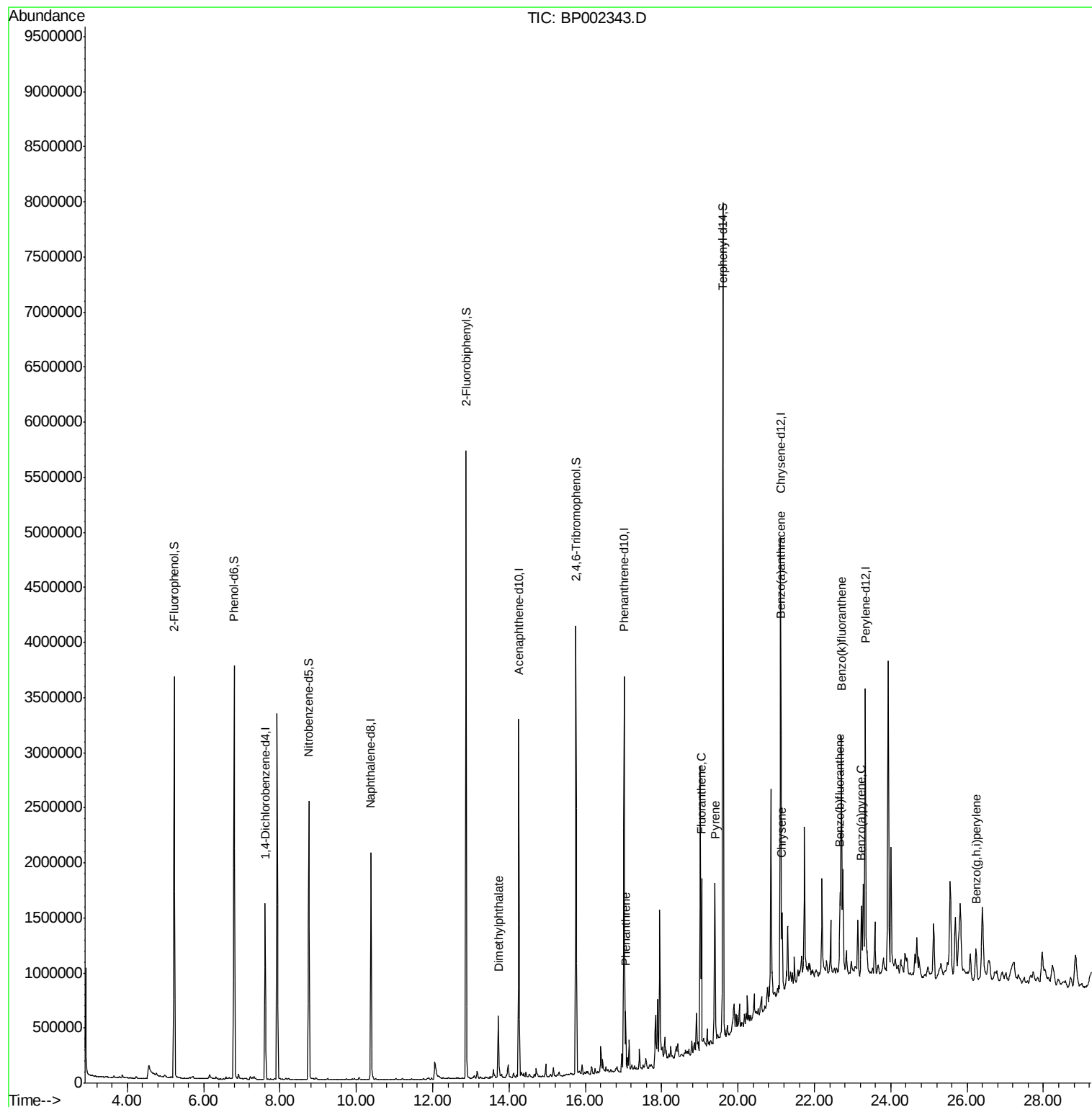
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002343.D
Acq On : 01 Jun 2020 17:26
Operator : CG/JU
Sample : L2745-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

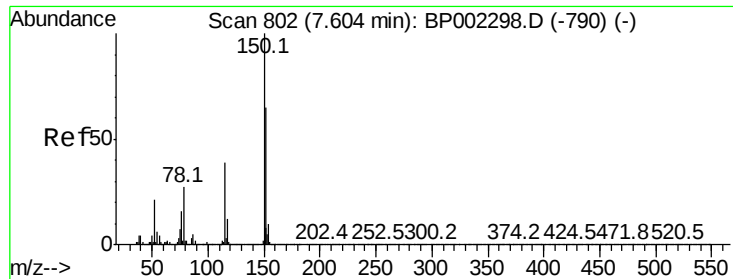
Instrument :
BNA_P
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NM86-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

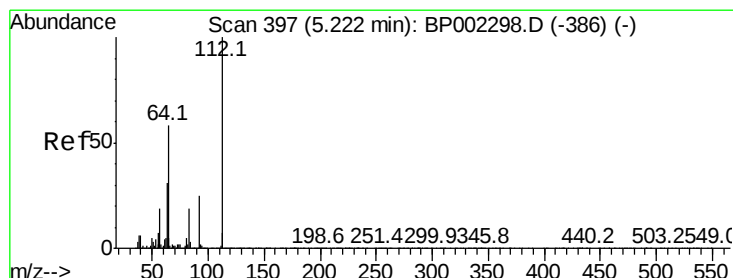
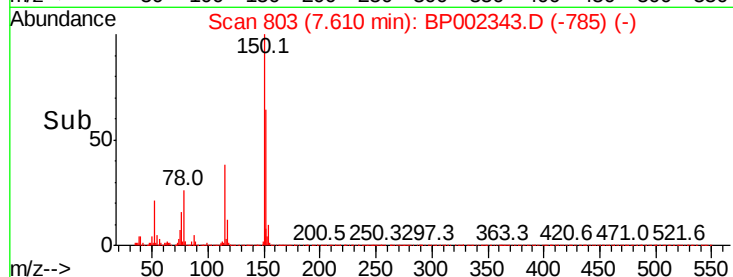
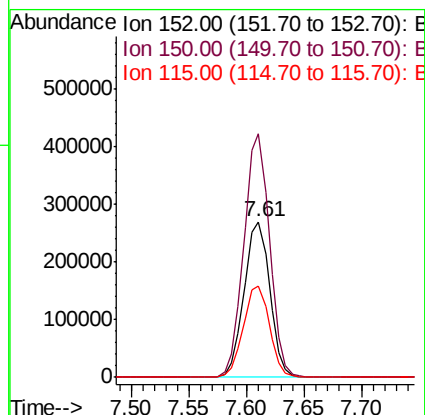
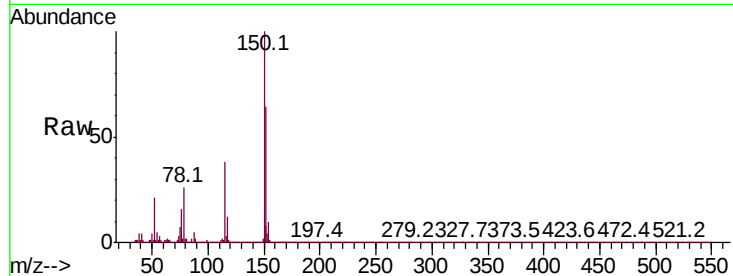
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	58.8	49.4	74.2

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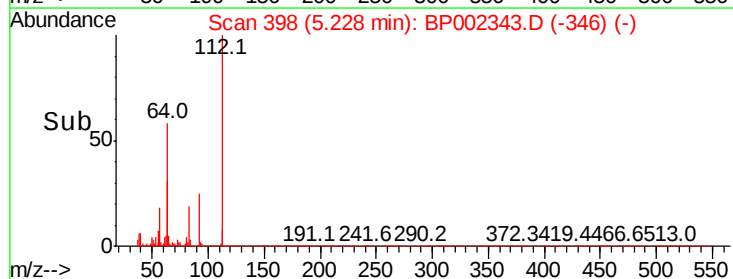
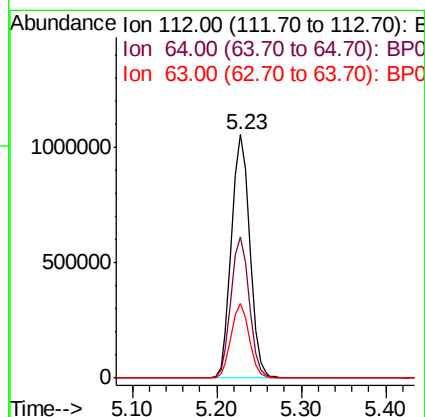
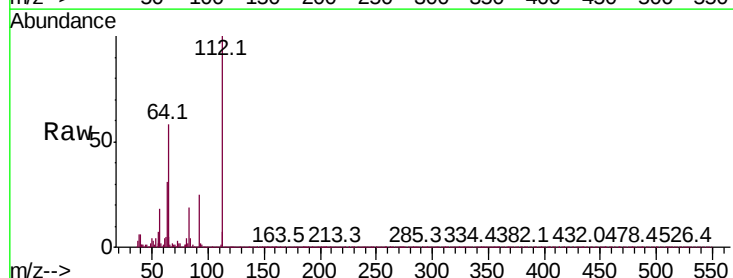
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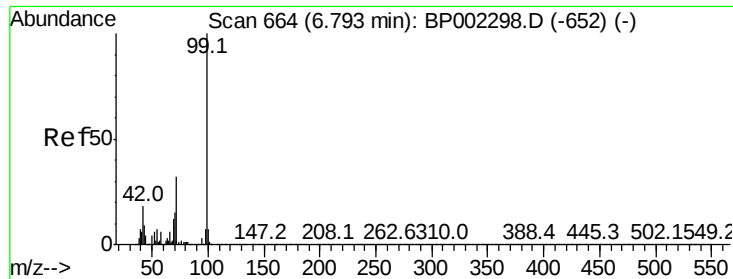


#5

2-Fluorophenol
Concen: 70.564 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.0	70.4
63	30.7	24.0	36.0





#7

Phenol-d6

Concen: 70.925 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002343.D

Acq: 01 Jun 2020 17:26

Instrument :

BNA_P

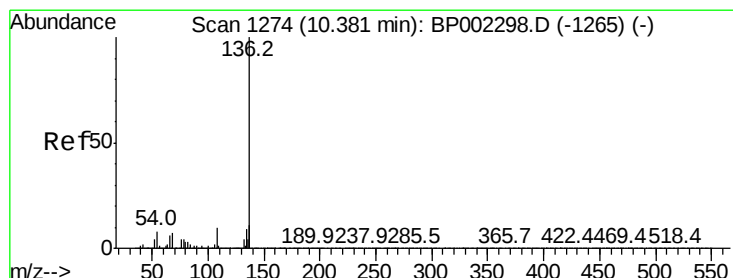
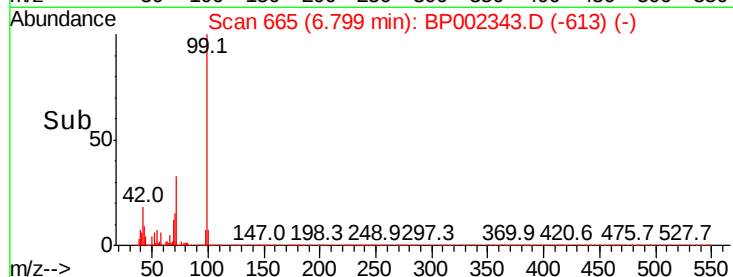
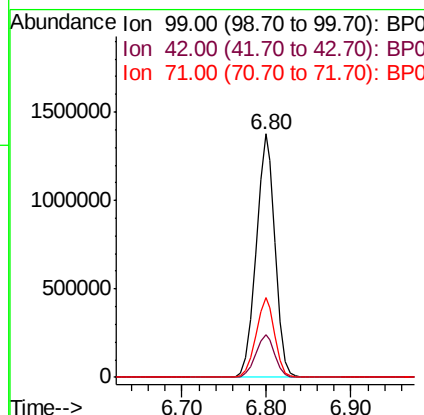
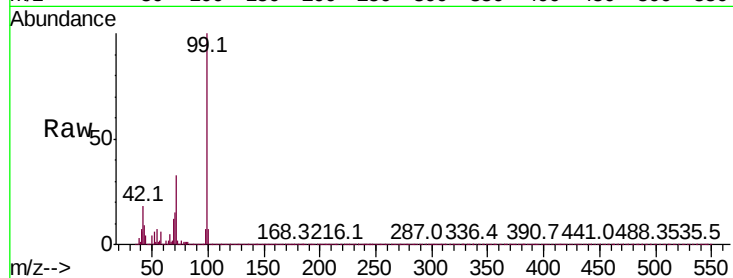
ClientSampleId :

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Tot Ion:	99	Resp:	2152290
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.9	20.9
71	32.6	25.8	38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

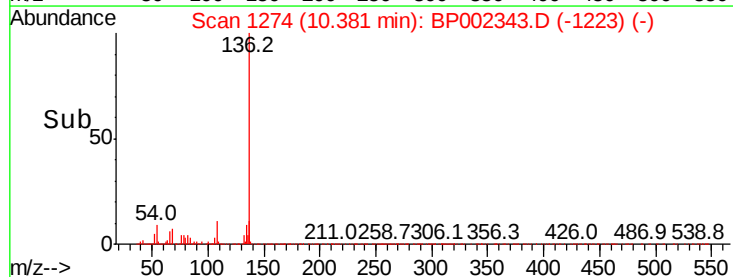
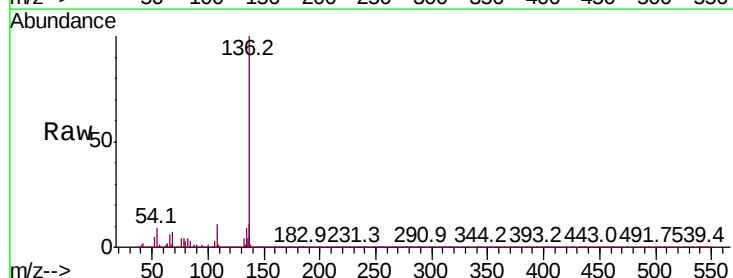
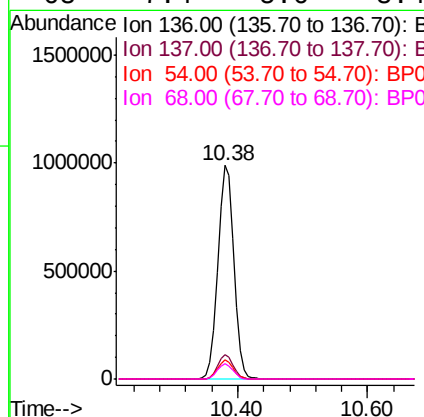
RT: 10.38 min Scan# 1274

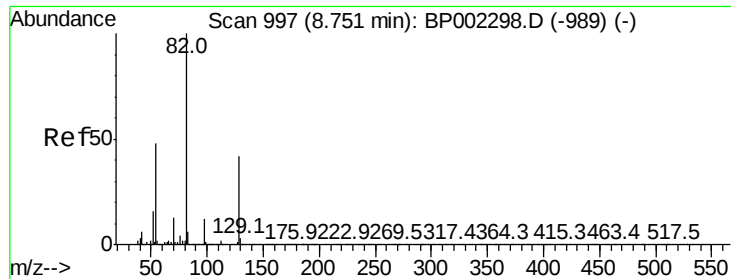
Delta R.T. -0.00 min

Lab File: BP002343.D

Acq: 01 Jun 2020 17:26

Tgt Ion:	136	Resp:	1676165
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	6.9	10.3
68	7.4	5.6	8.4





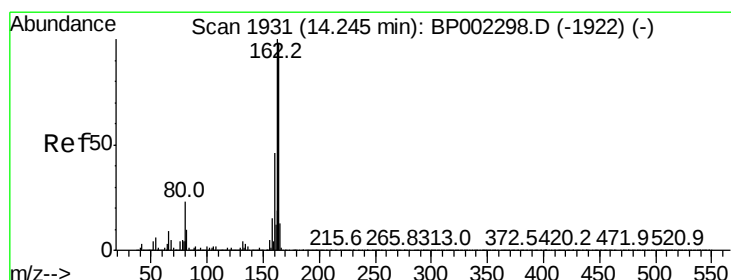
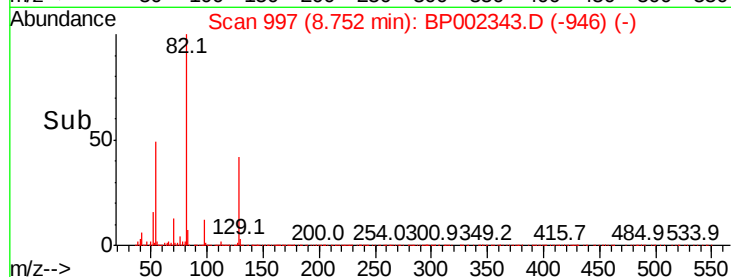
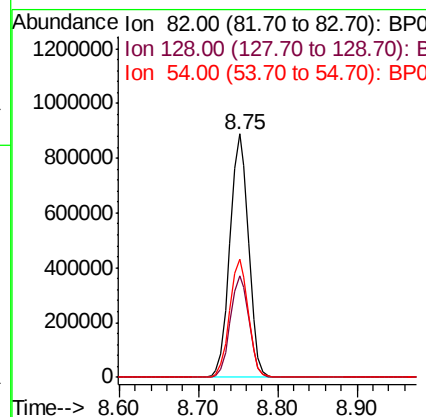
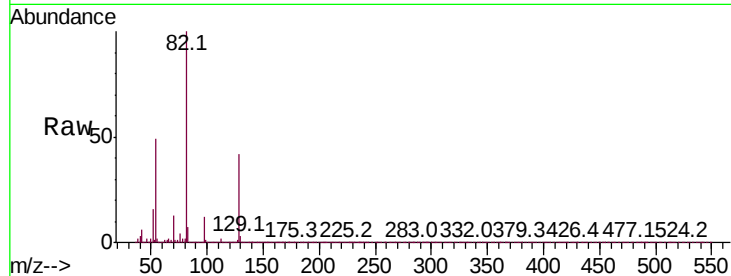
#23
Nitrobenzene-d5
Concen: 51.667 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	82	Resp	1440448
Ion Ratio	100	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	48.7	38.3	57.5

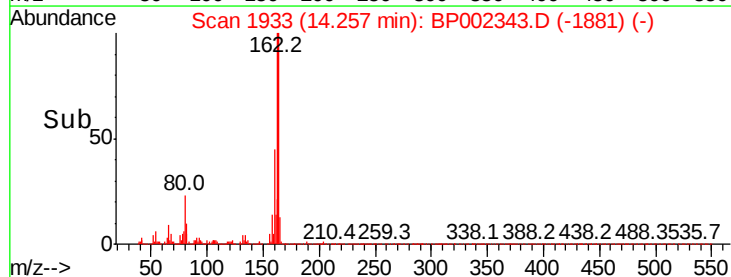
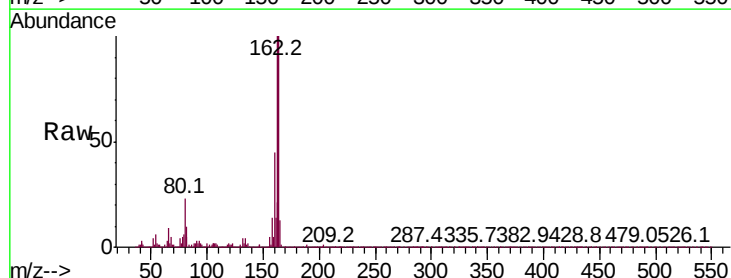
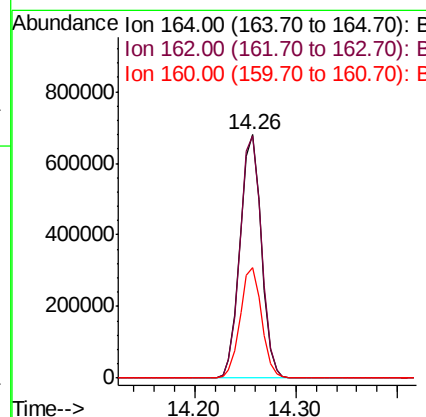
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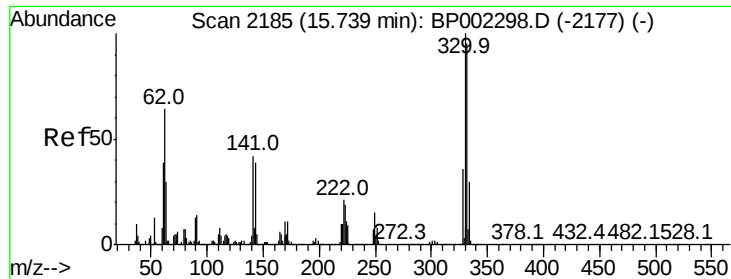
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	164	Resp	992866
Ion Ratio	100	Lower	Upper
164	100		
162	99.7	81.3	121.9
160	45.1	37.2	55.8





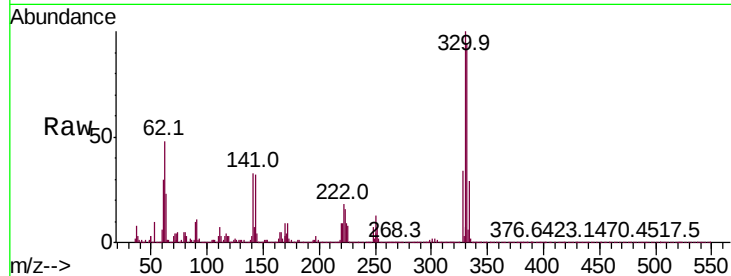
#42
2,4,6-Tribromophenol
Concen: 77.992 ng
RT: 15.76 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.9	115.3
141	36.6	31.4	47.2

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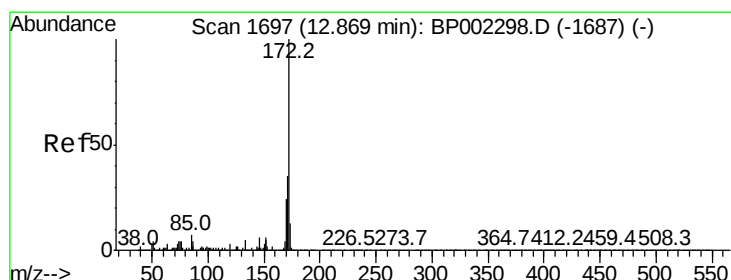
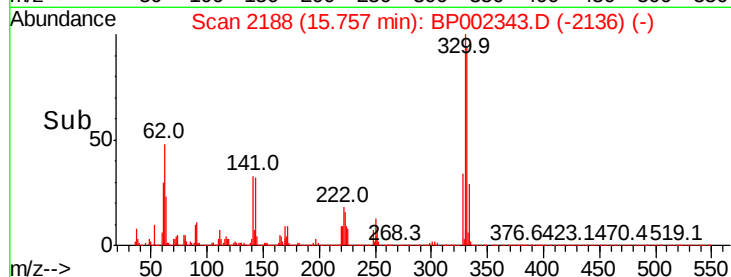
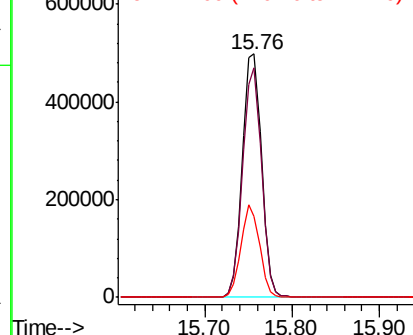


Abundance

Ion 329.80 (329.50 to 330.50): E

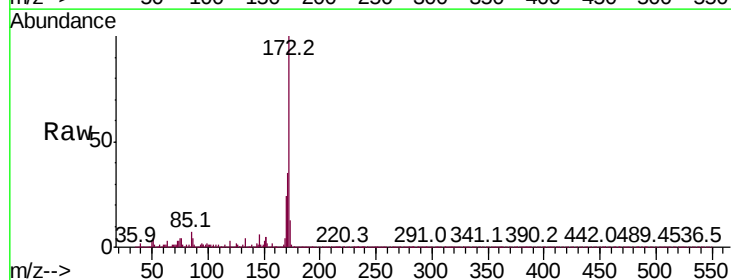
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 53.521 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	23.8	18.9	28.3

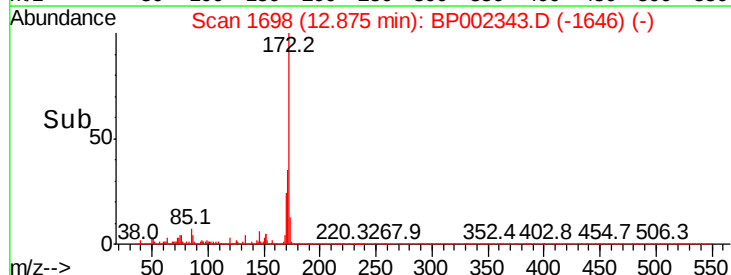
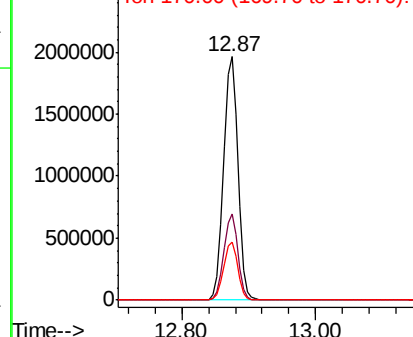


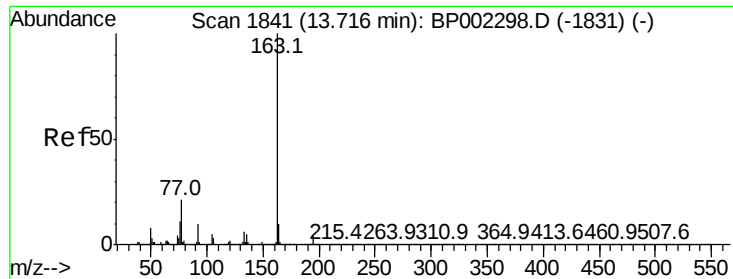
Abundance

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





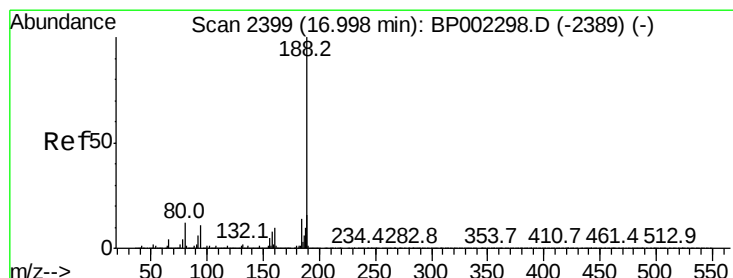
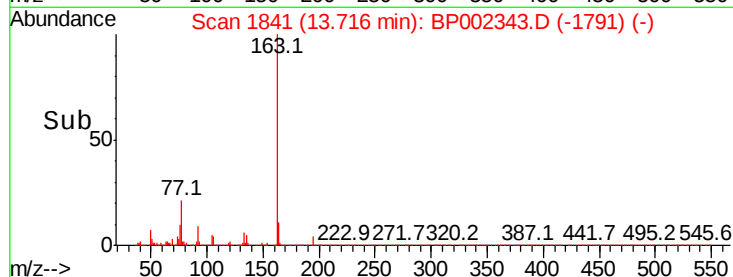
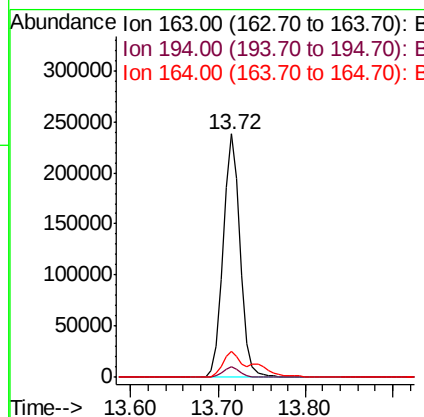
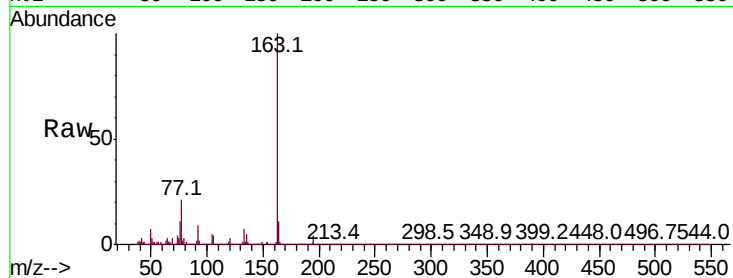
#50
Dimethylphthalate
Concen: 4.770 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	3.2	4.8	
164	10.7	8.1	12.1	

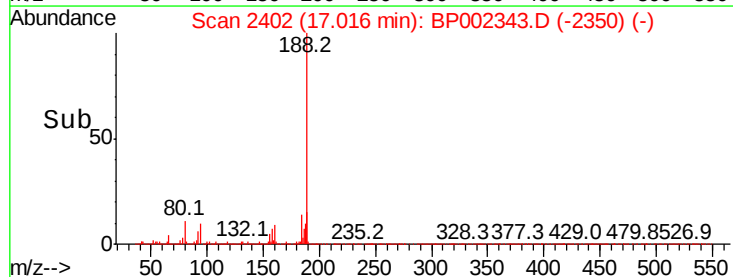
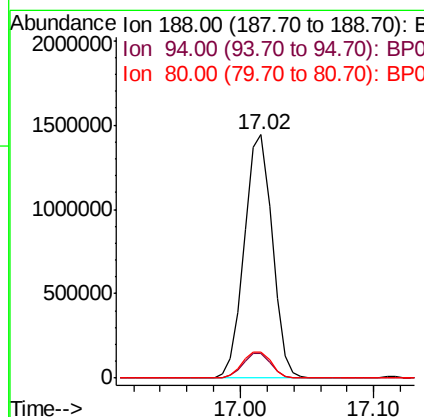
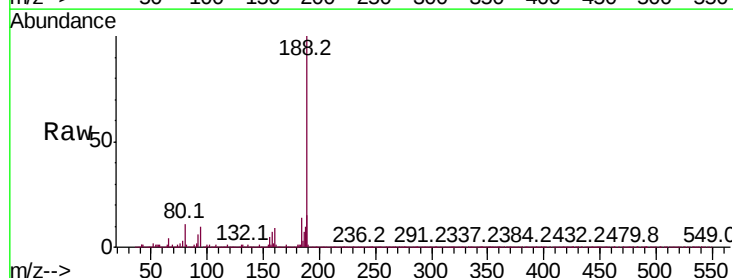
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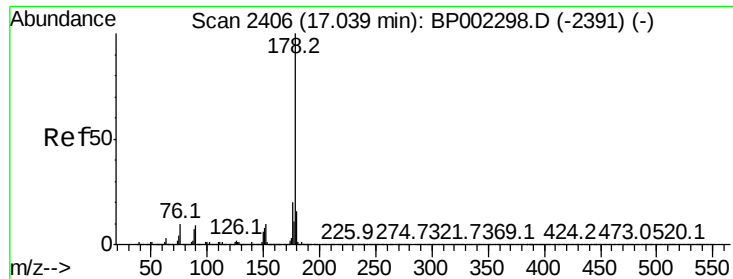
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	8.7	13.1	
80	10.7	9.3	13.9	





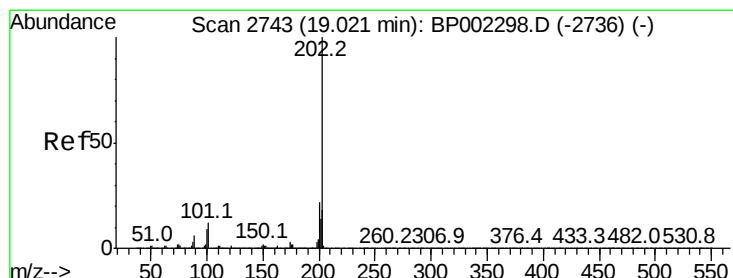
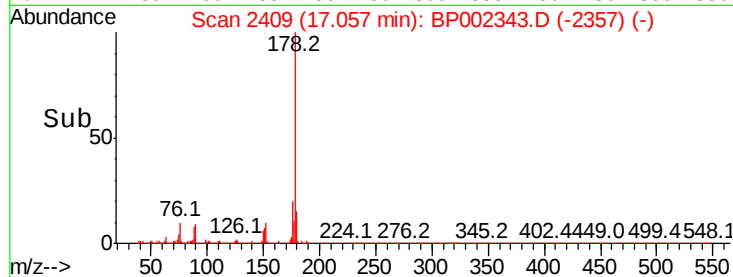
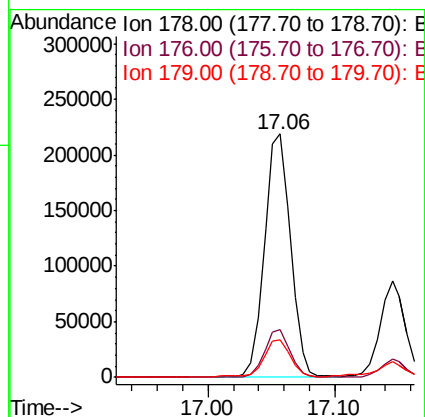
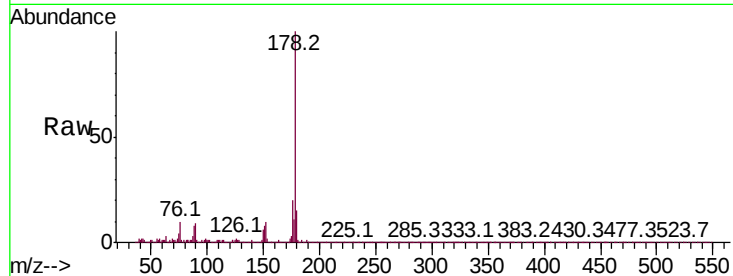
#71
Phenanthrene
Concen: 3.172 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	12.6	18.8

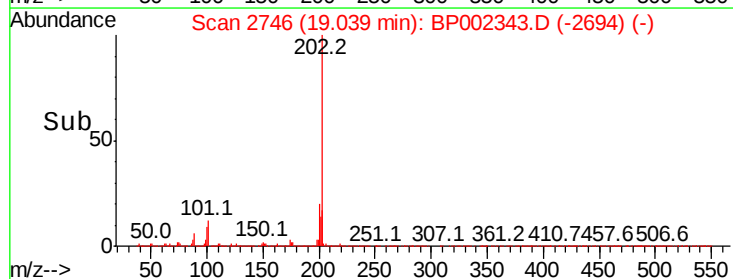
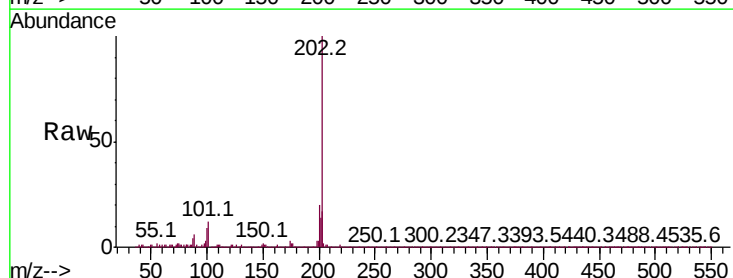
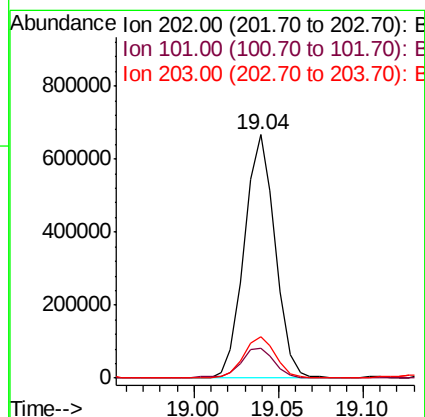
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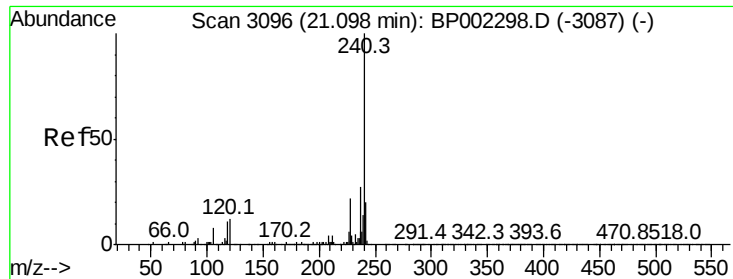
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#75
Fluoranthene
Concen: 7.439 ng
RT: 19.04 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	17.2	0.0	37.6





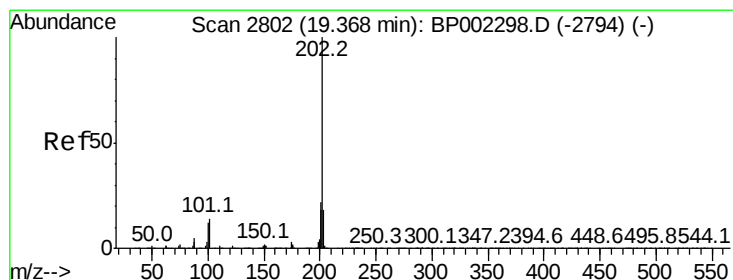
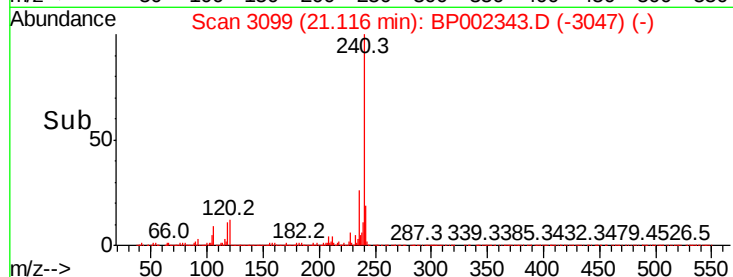
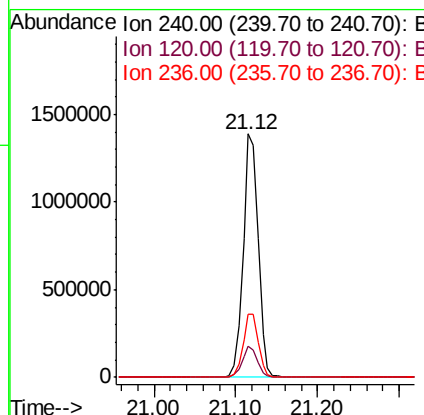
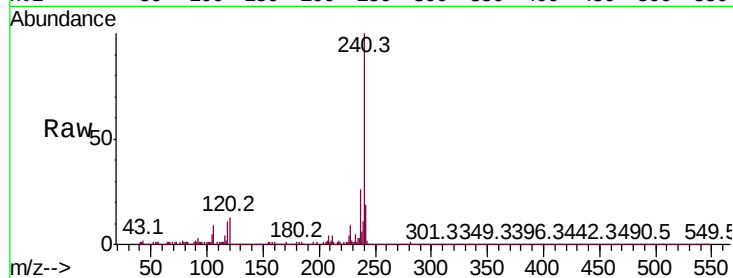
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.7	13.1
236	25.8	21.0	31.4

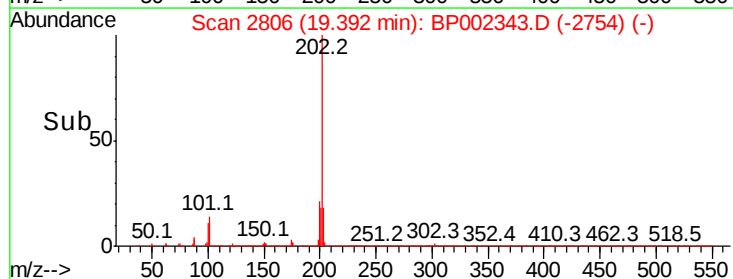
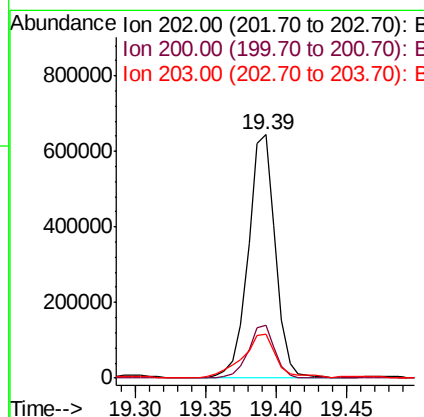
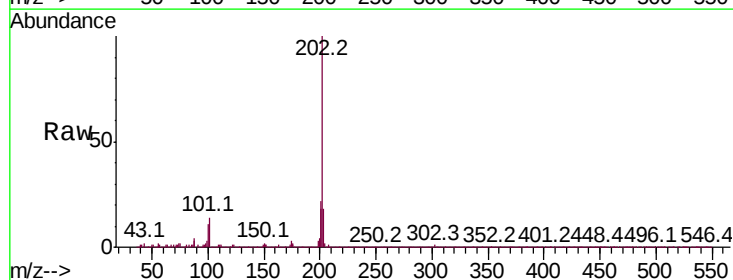
Manual Integrations
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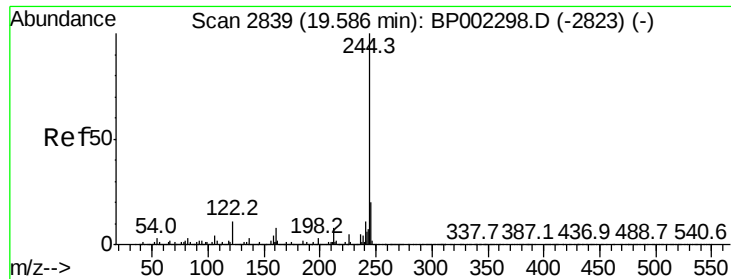
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#78
Pyrene
Concen: 7.846 ng
RT: 19.39 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	17.9	13.8	20.6





#79

Terphenyl-d14

Concen: 51.794 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002343.D

Acq: 01 Jun 2020 17:26

Instrument :

BNA_P

ClientSampleId :

NM86-COMP-2020-0-6

Tot Ion:244 Resp: 3782840

Ion Ratio Lower Upper

244 100

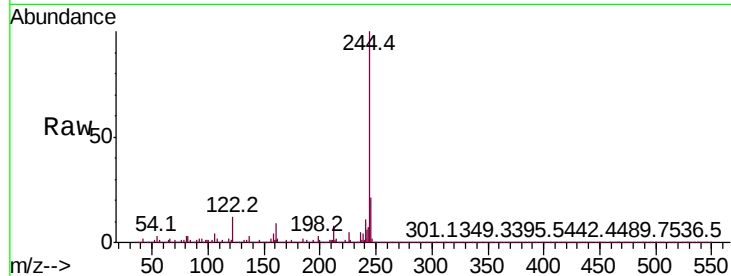
212 7.8 6.4 9.6

122 11.6 9.4 14.0

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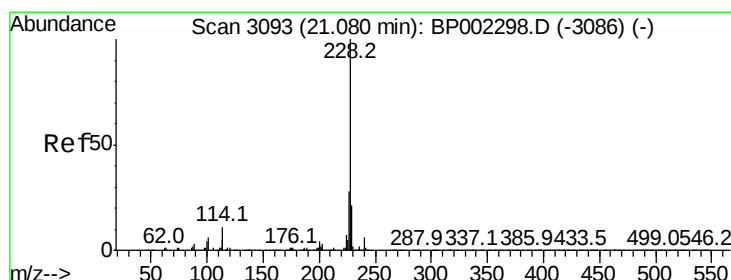
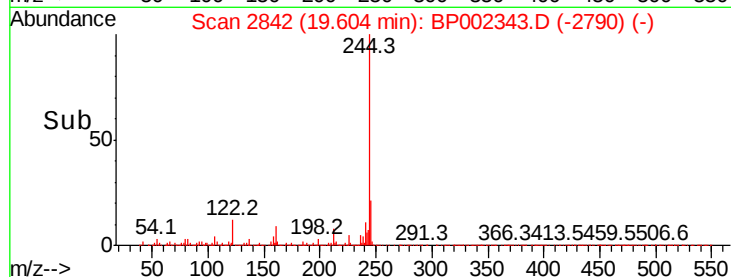
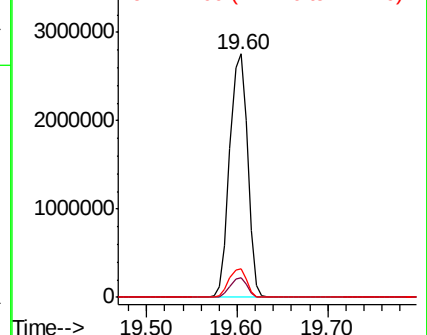
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.628 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BP002343.D

Acq: 01 Jun 2020 17:26

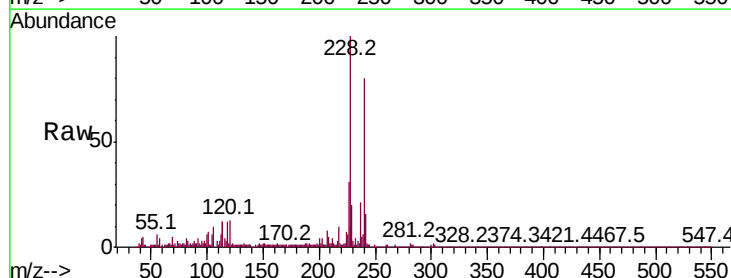
Tgt Ion:228 Resp: 468532

Ion Ratio Lower Upper

228 100

226 30.7 22.7 34.1

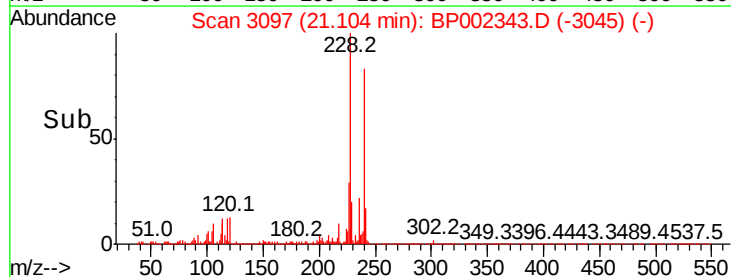
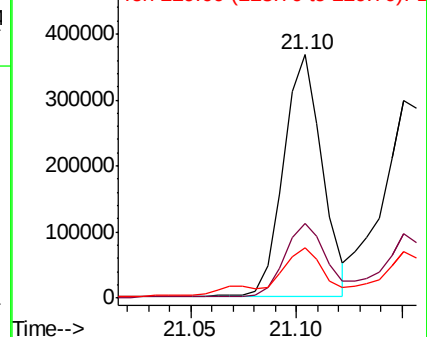
229 20.5 16.3 24.5

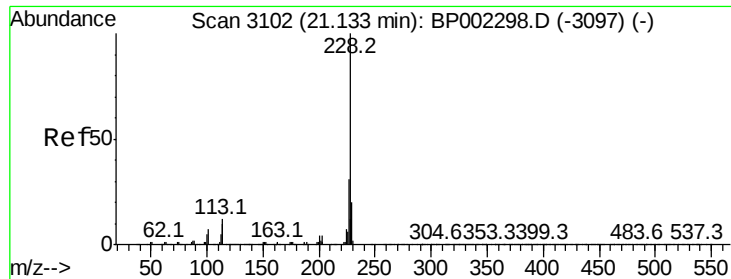


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





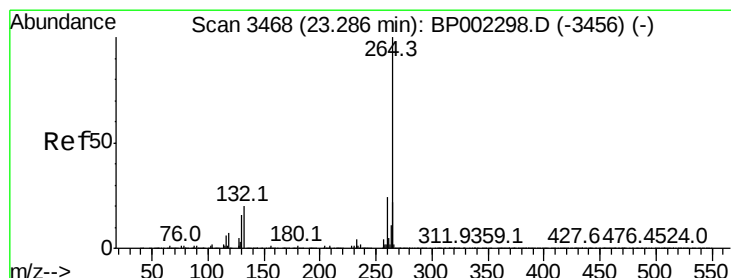
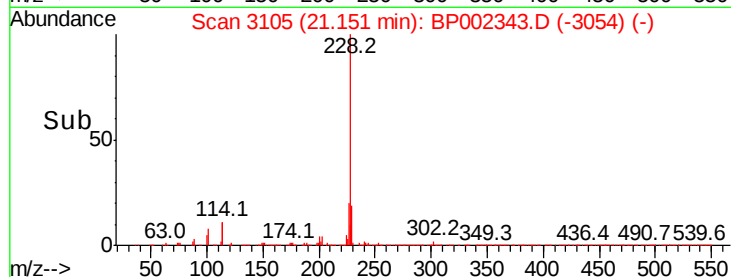
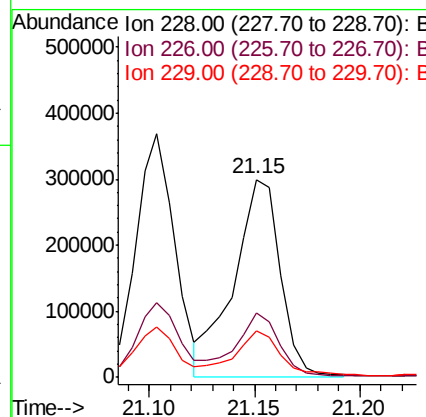
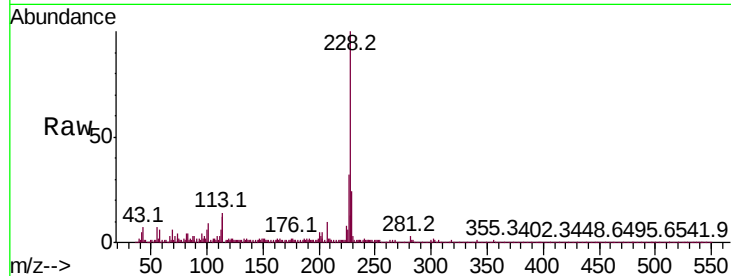
#83
Chrysene
Concen: 4.758 ng/ml
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion:	228	Resp:	462357
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.0	37.6
229	23.7	16.2	24.4

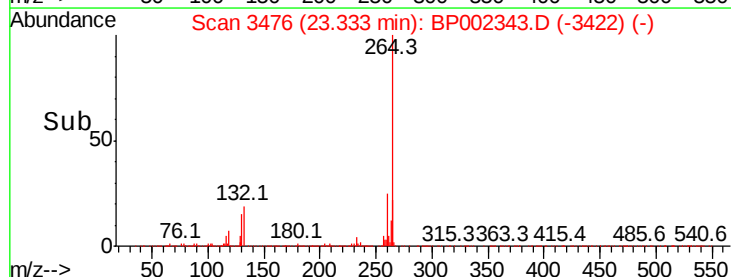
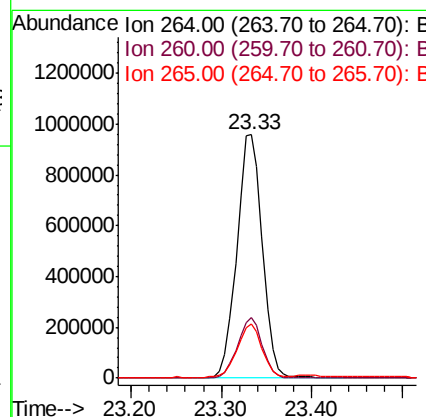
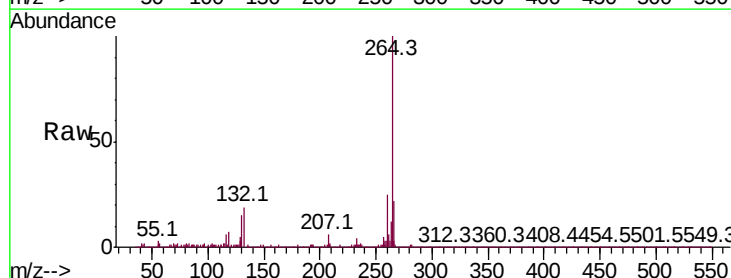
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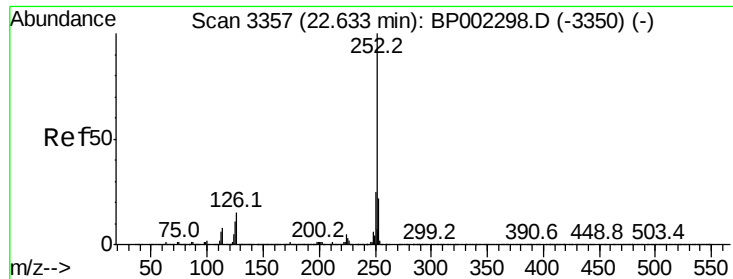
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion:	264	Resp:	1864686
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.4	17.8	26.6





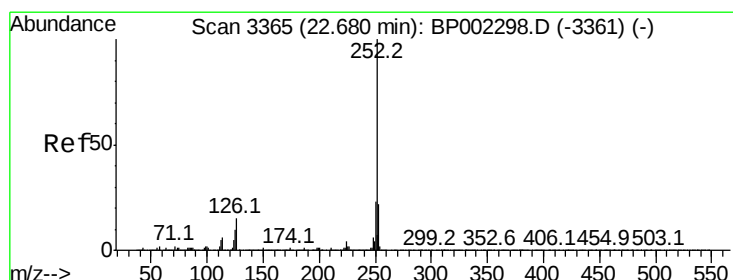
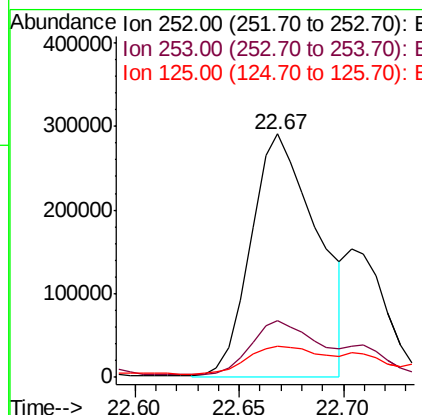
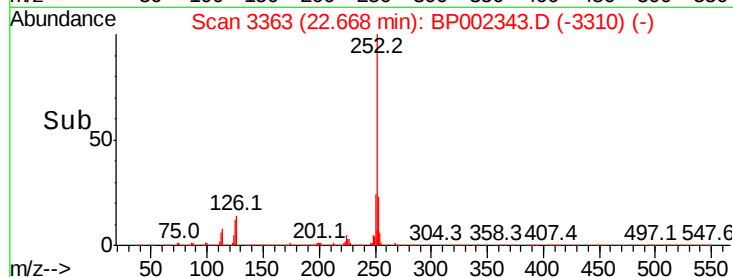
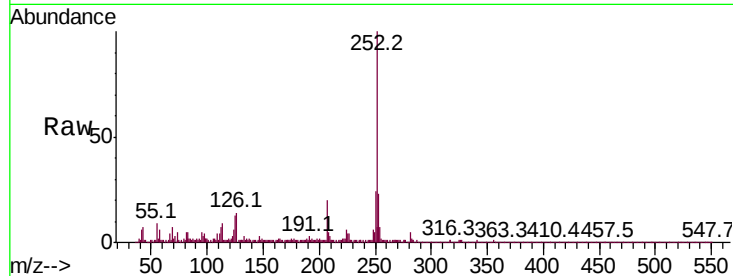
#88
Benzo(b)fluoranthene
Concen: 6.355 ng m
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.9	7.2	10.8

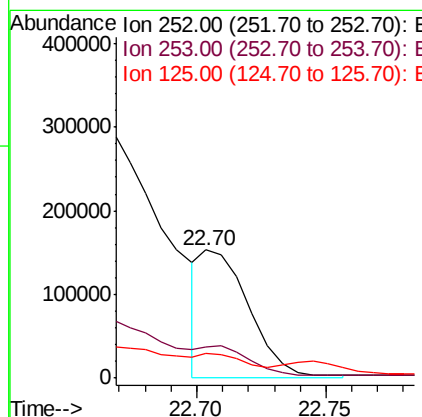
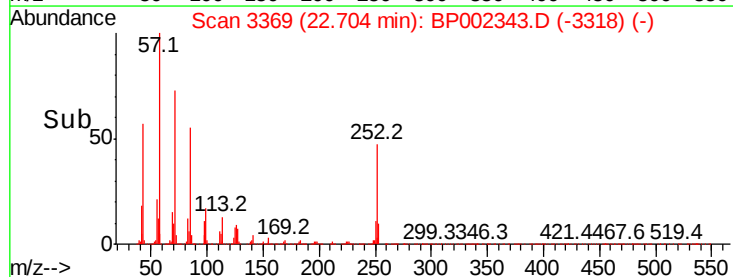
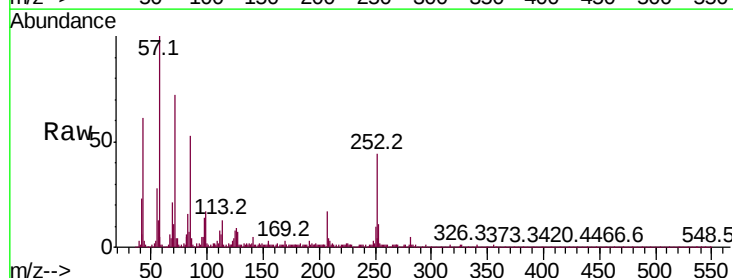
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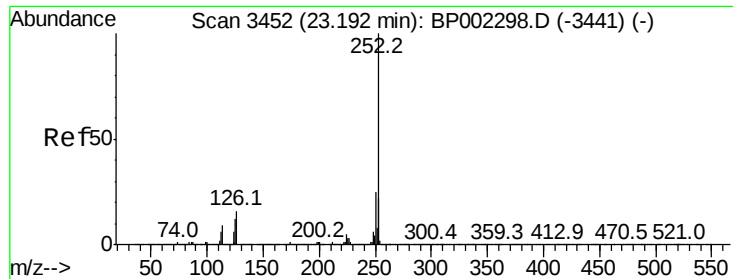
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#89
Benzo(k)fluoranthene
Concen: 2.070 ng m
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	19.0	7.4	11.2





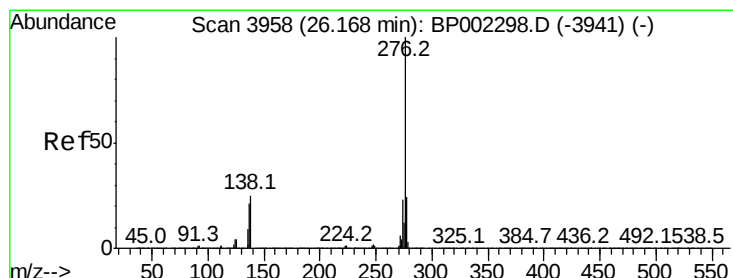
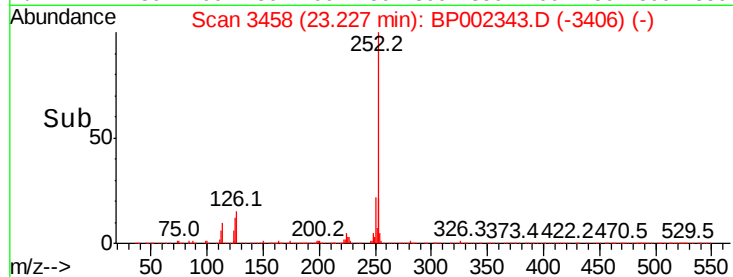
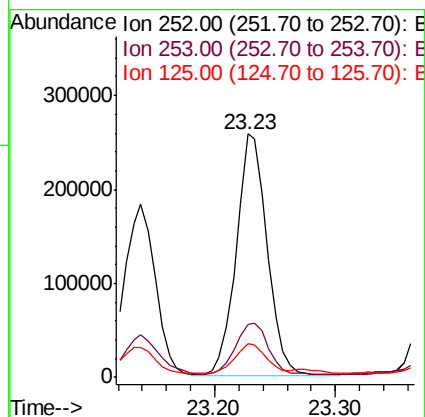
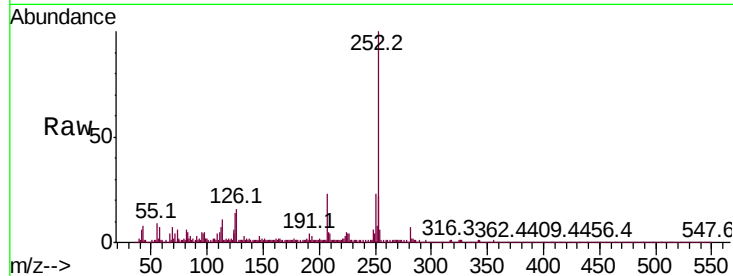
#90
Benzo(a)pyrene
Concen: 4.870 ng
RT: 23.23 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Instrument :
BNA_P
ClientSampleId :
NM86-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	13.7	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.394 ng
RT: 26.23 min Scan# 3968
Delta R.T. 0.01 min
Lab File: BP002343.D
Acq: 01 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	26.1	16.0	24.0

