

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001059.D
 Acq On : 16 Nov 2019 00:56
 Operator : JU
 Sample : K5832-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5-(10-12)

Manual Integrations
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Quant Time: Nov 16 05:12:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	185157	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	671924	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	387750	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	765763	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	635741	20.00	ng	-0.02
87) Perylene-d12	21.06	264	686153	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	134613	13.23	ng	0.00
7) Phenol-d6	7.81	99	855618	66.51	ng	0.00
23) Nitrobenzene-d5	9.24	82	681094	56.07	ng	-0.02
42) 2,4,6-Tribromophenol	14.54	330	7398	1.60	ng	-0.02
45) 2-Fluorobiphenyl	12.17	172	1519006	59.00	ng	-0.02
79) Terphenyl-d14	17.92	244	1971970	61.70	ng	-0.02
Target Compounds						
10) Phenol	7.82	94	31999	2.274	ng	85
50) Dimethylphthalate	12.83	163	253616	8.845	ng	99
71) Phenanthrene	15.68	178	82413	2.103	ng	98
75) Fluoranthene	17.39	202	257371	5.810	ng	97
78) Pyrene	17.69	202	257508	5.732	ng	99
81) Benzo(a)anthracene	19.27	228	125664m	2.935	ng	
83) Chrysene	19.32	228	153420	4.081	ng	97
88) Benzo(b)fluoranthene	20.57	252	220856	5.400	ng	98
90) Benzo(a)pyrene	20.99	252	102459	2.724	ng	99
92) Benzo(g,h,i)perylene	23.21	276	81003	2.096	ng	96

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

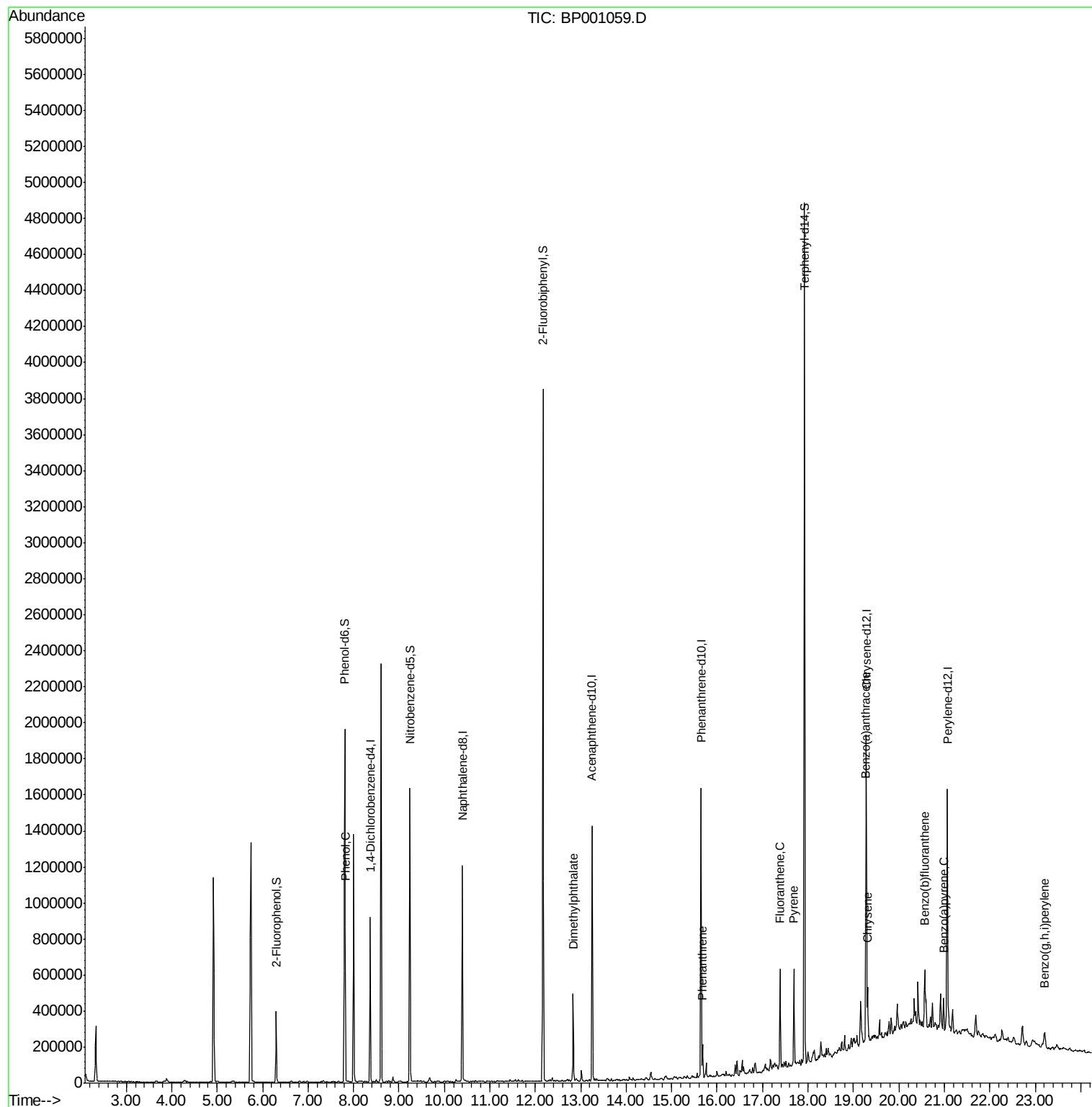
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001059.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

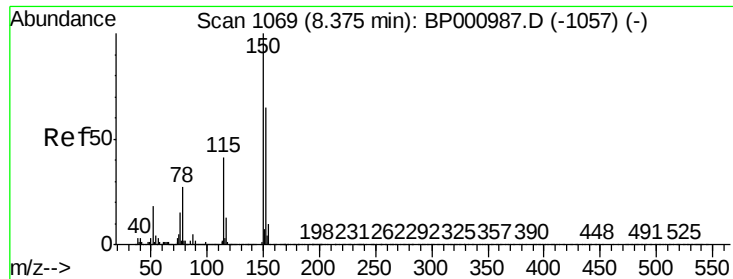
Instrument :
BNA_P
ClientSampleId :
5-(10-12)

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QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Instrument :

BNA_P

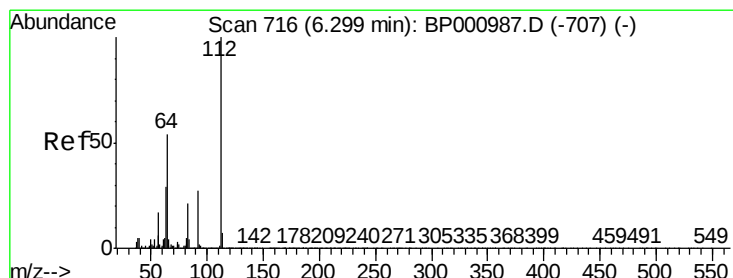
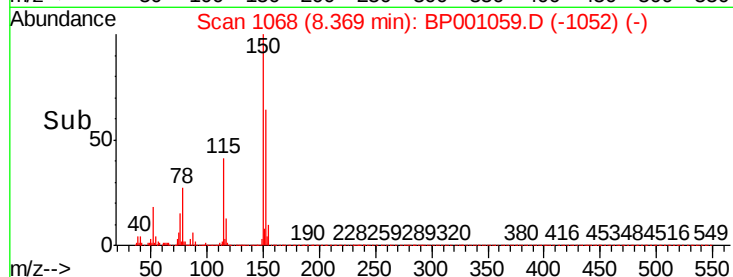
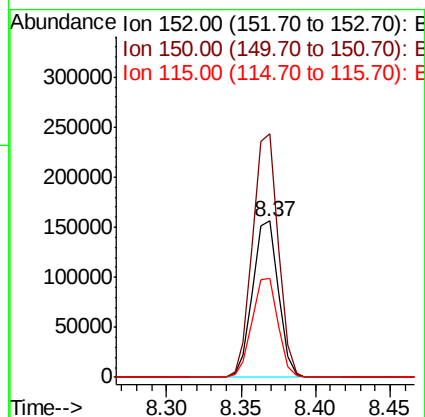
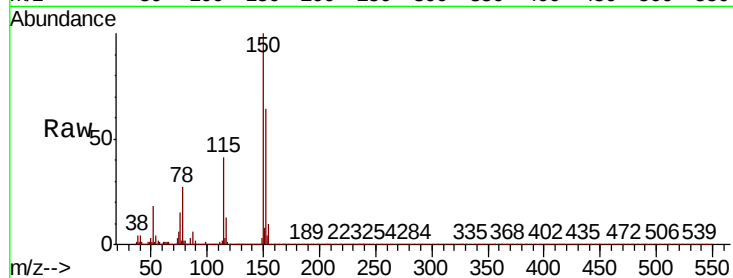
ClientSampled :

5-(10-12)

Tot Ion:	152	Resp:	185157
Ion Ratio	Lower	Upper	
152	100		
150	155.9	123.6	185.4
115	63.5	50.1	75.1

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#5

2-Fluorophenol

Concen: 13.233 ng

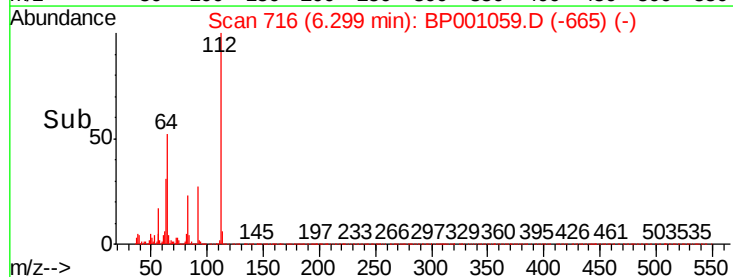
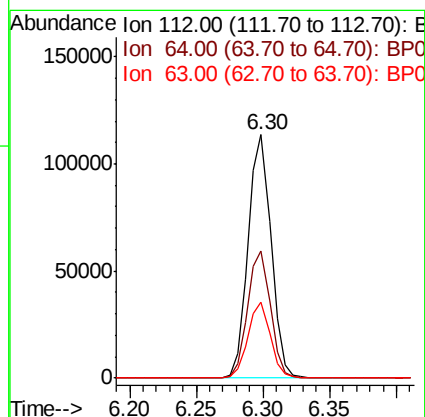
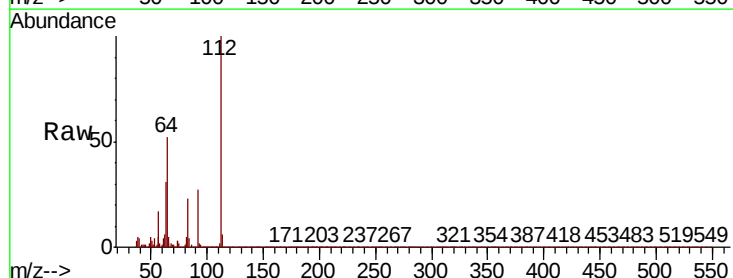
RT: 6.30 min Scan# 716

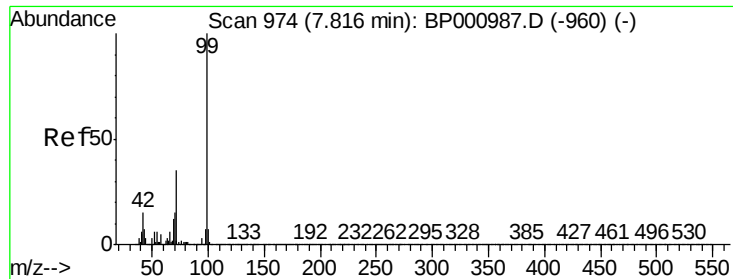
Delta R.T. -0.00 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Tgt Ion:	112	Resp:	134613
Ion Ratio	Lower	Upper	
112	100		
64	52.2	43.4	65.0
63	31.4	23.4	35.0





#7

Phenol-d6

Concen: 66.514 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Instrument :

BNA_P

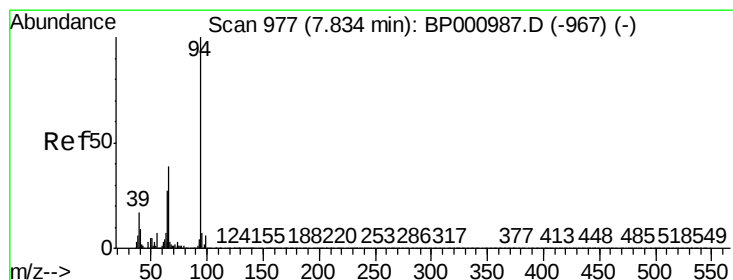
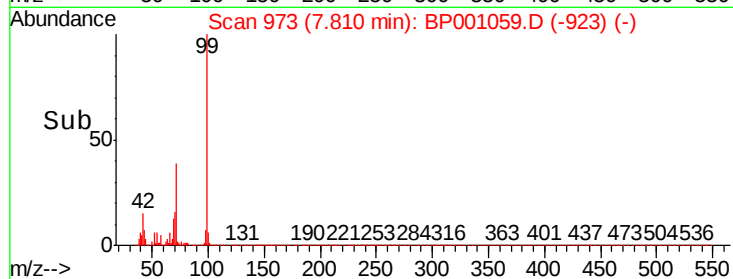
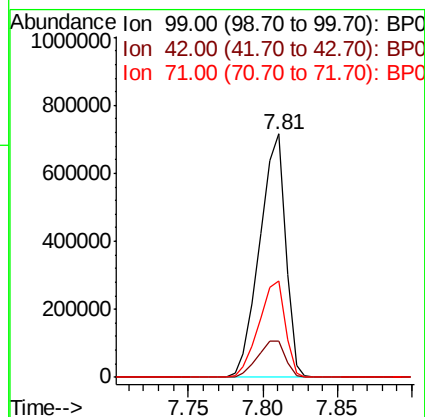
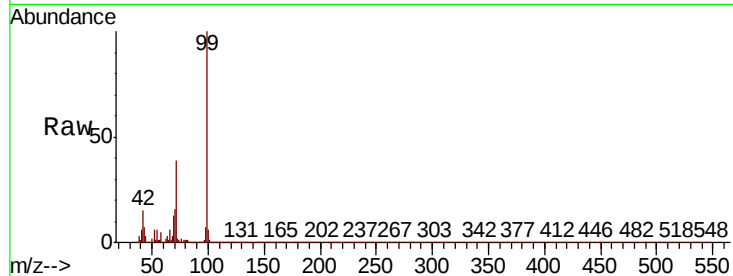
ClientSampleId :

5-(10-12)

Tot Ion:	99	Resp:	855618
Ion Ratio	Lower	Upper	
99	100		
42	15.1	11.6	17.4
71	39.4	28.0	42.0

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#10

Phenol

Concen: 2.274 ng

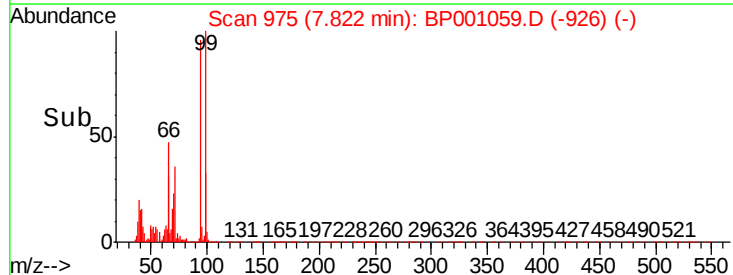
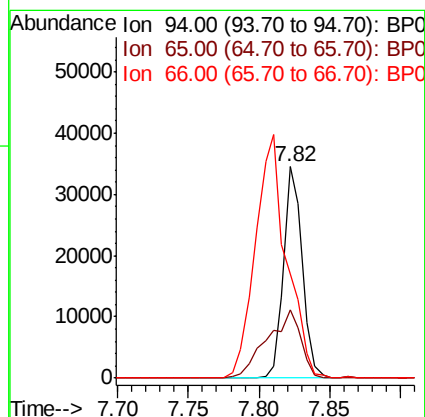
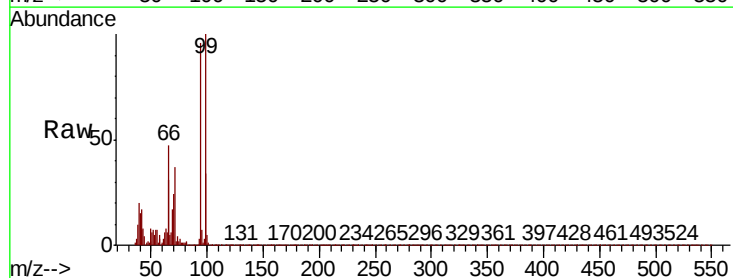
RT: 7.82 min Scan# 975

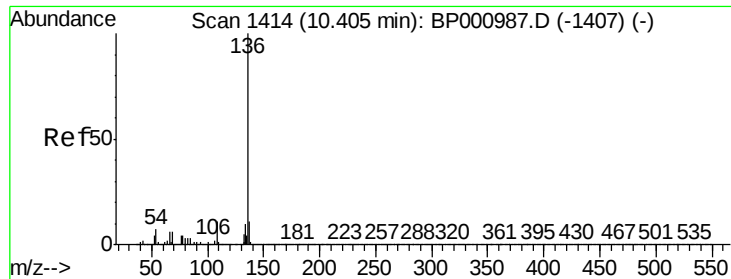
Delta R.T. -0.01 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Tgt Ion:	94	Resp:	31999
Ion Ratio	Lower	Upper	
94	100		
65	32.3	6.7	46.7
66	49.2	18.6	58.6





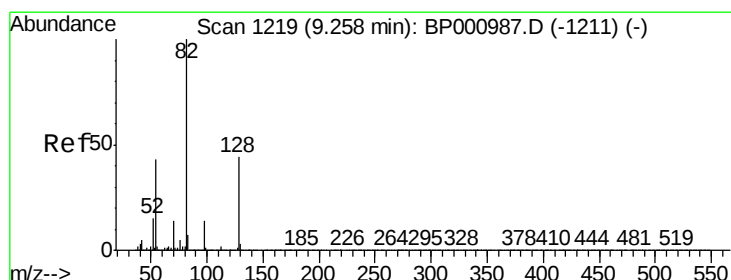
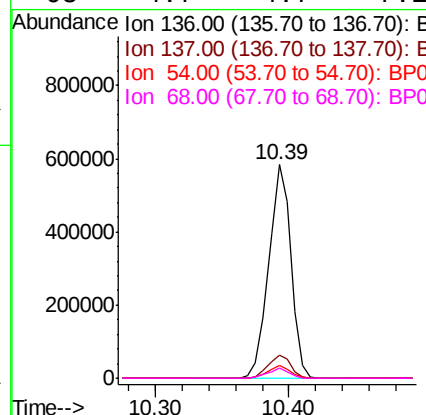
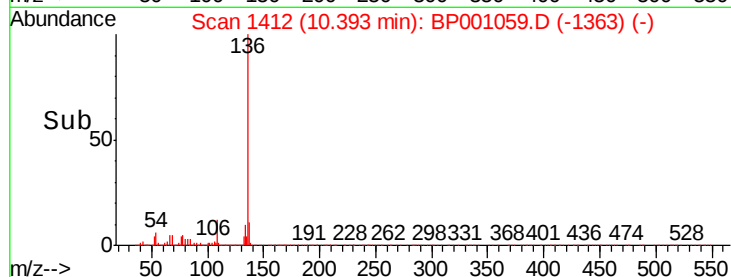
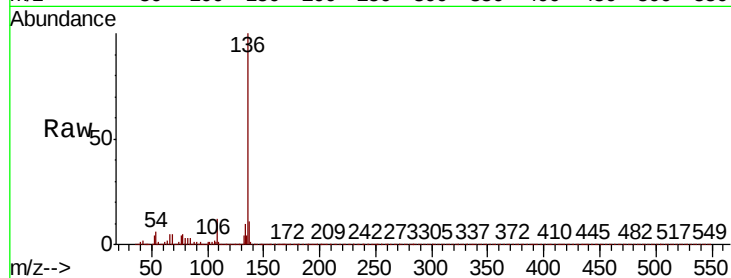
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Instrument :
BNA_P
ClientSampleId :
5-(10-12)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		671924		
137	10.8	9.0	13.6		
54	6.2	5.4	8.2		
68	4.7	4.7	7.1#		

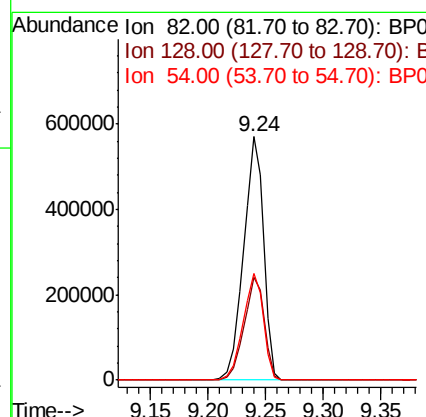
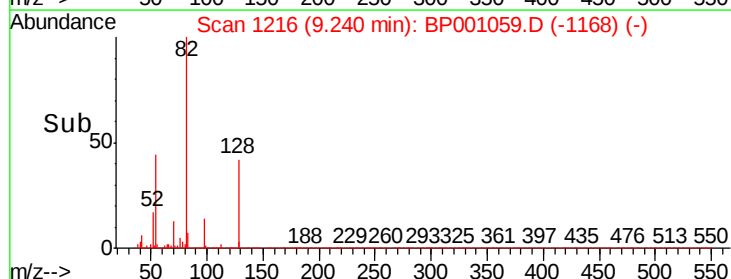
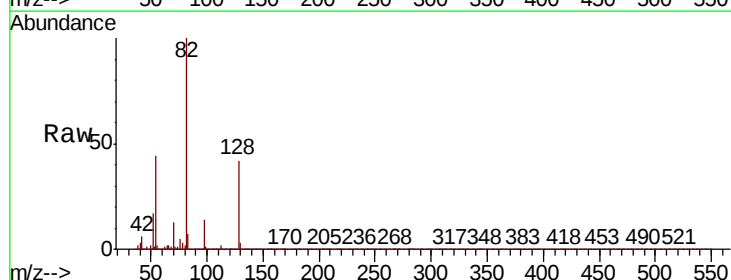
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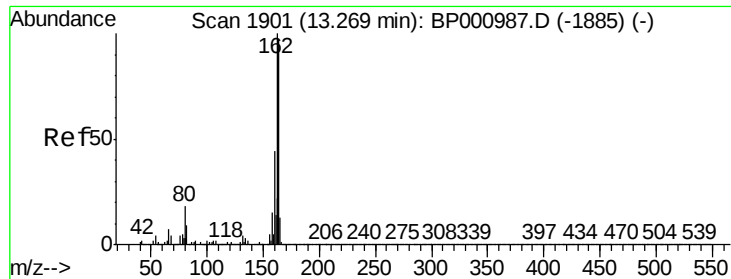
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#23
Nitrobenzene-d5
Concen: 56.072 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		681094		
128	42.1	35.3	52.9		
54	43.9	34.3	51.5		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Instrument :

BNA_P

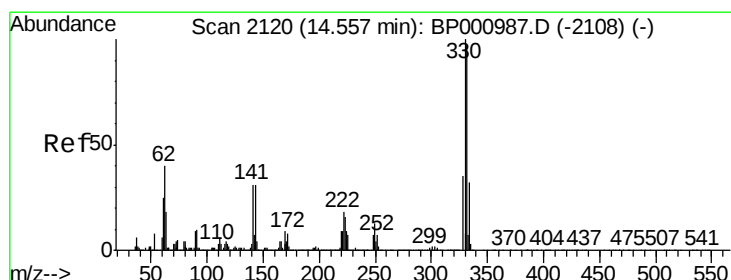
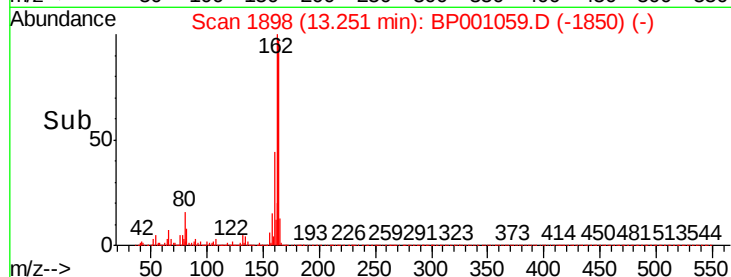
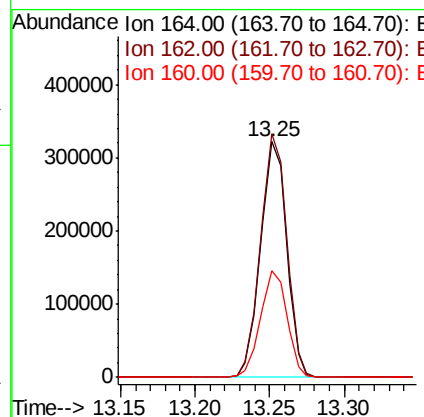
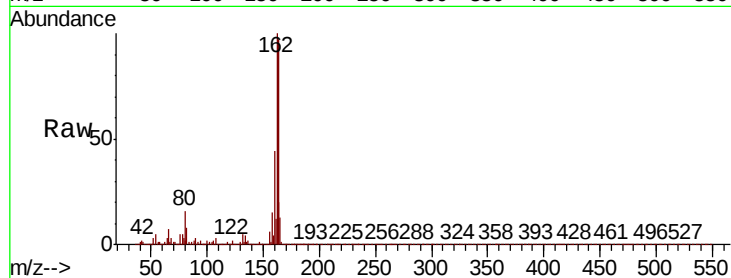
ClientSampleId :

5-(10-12)

Tot Ion:	164	Resp:	387750
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.6	123.8
160	45.4	36.5	54.7

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#42

2,4,6-Tribromophenol

Concen: 1.598 ng

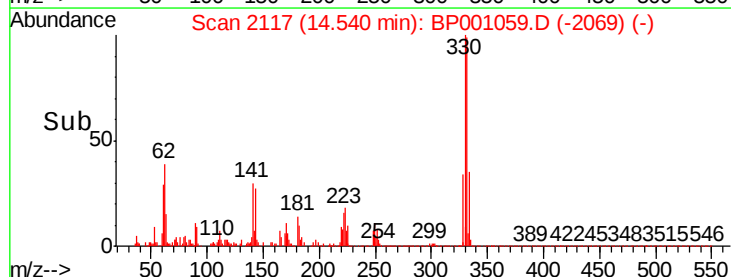
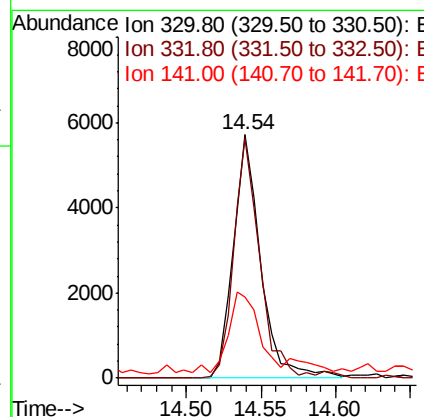
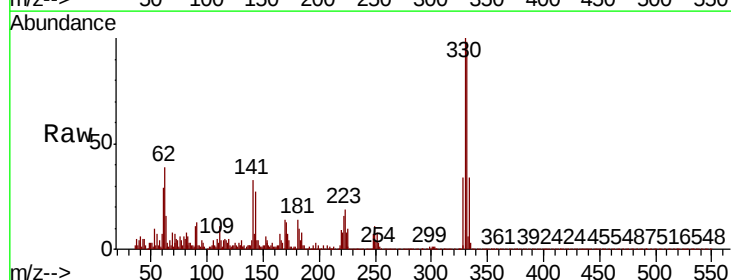
RT: 14.54 min Scan# 2117

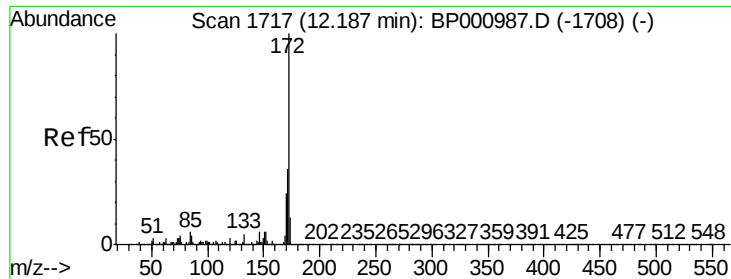
Delta R.T. -0.02 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Tgt Ion:	330	Resp:	7398
Ion Ratio	Lower	Upper	
330	100		
332	93.5	78.3	117.5
141	36.4	25.0	37.4





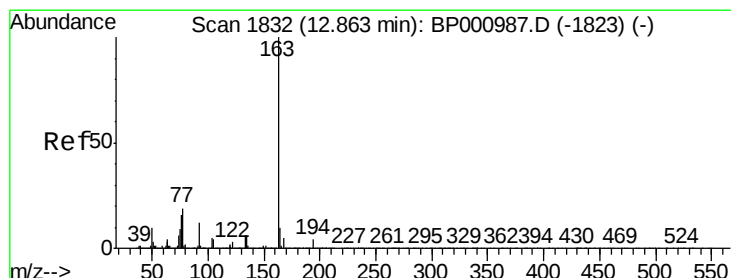
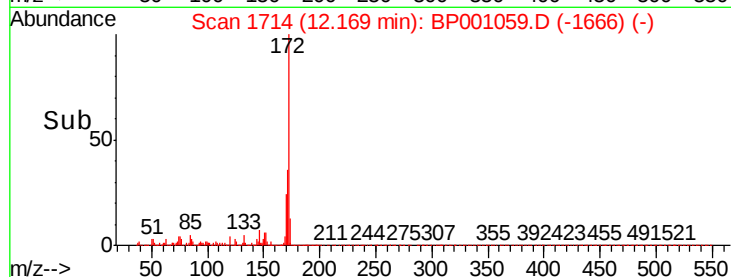
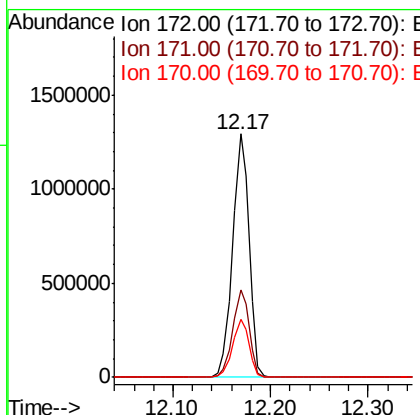
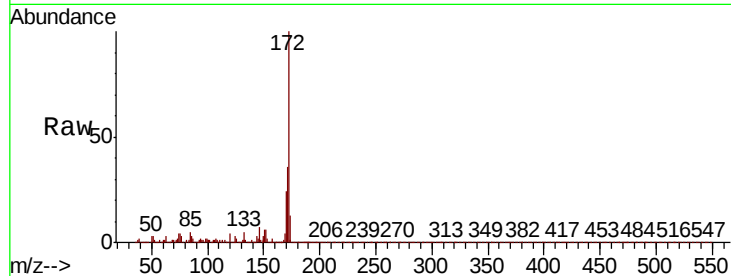
#45
2-Fluorobiphenyl
Concen: 59.001 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Instrument :
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ClientSampleId :
5-(10-12)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.8	18.9	28.3

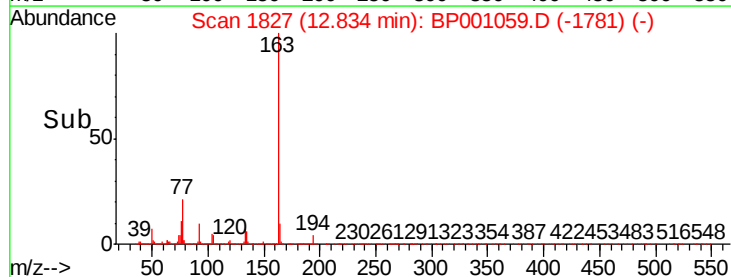
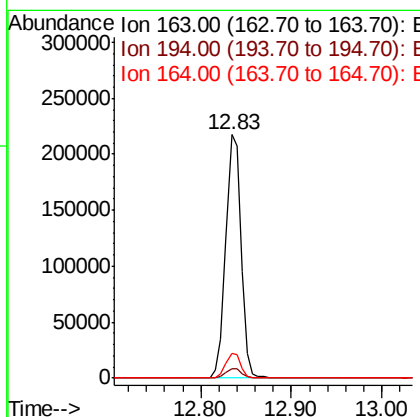
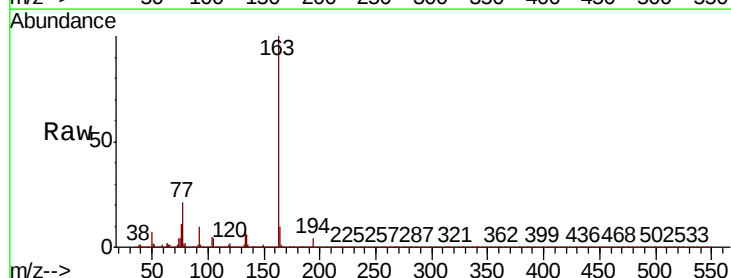
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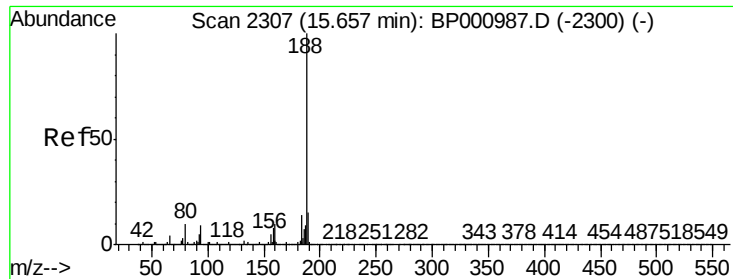
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#50
Dimethylphthalate
Concen: 8.845 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.0	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Instrument :

BNA_P

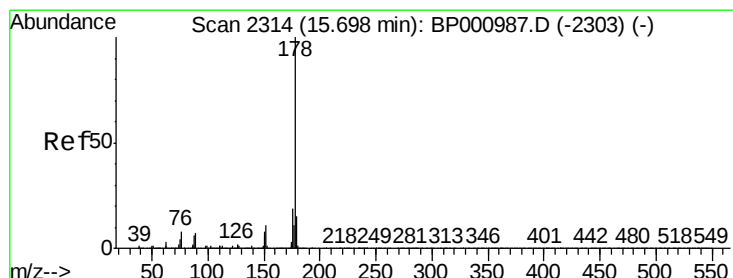
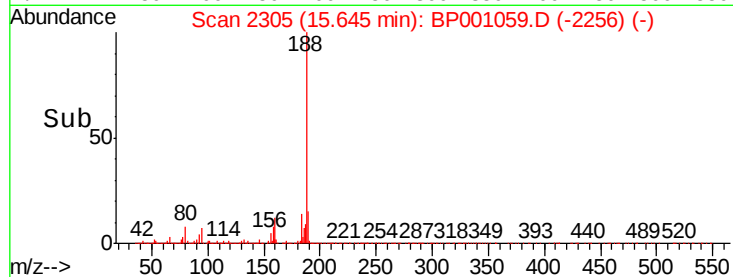
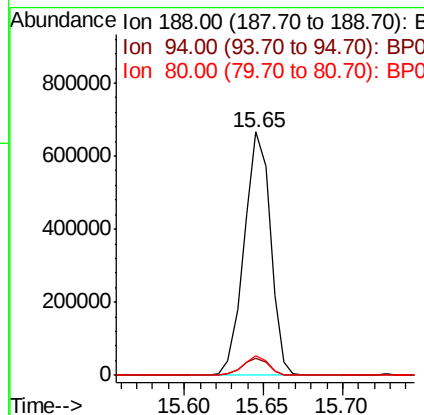
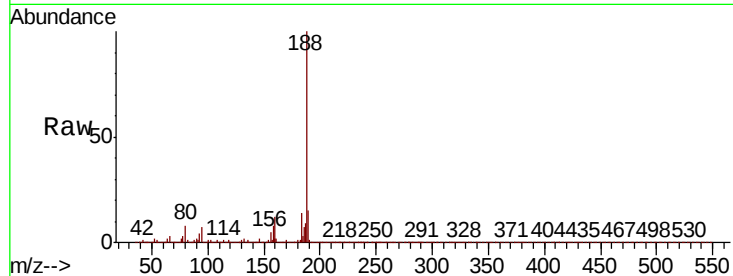
ClientSampleId :

5-(10-12)

Tot Ion:	188	Resp:	765763
Ion Ratio	Lower	Upper	
188	100		
94	7.2	7.4	11.2#
80	8.0	7.9	11.9

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#71

Phenanthrene

Concen: 2.103 ng

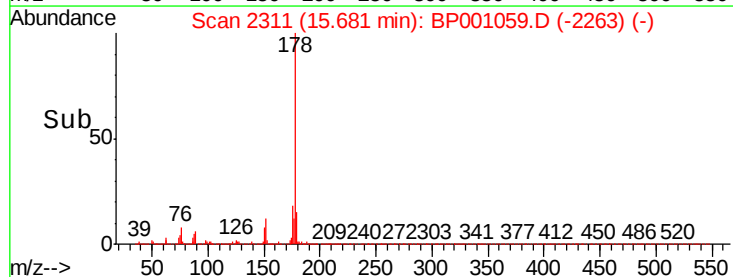
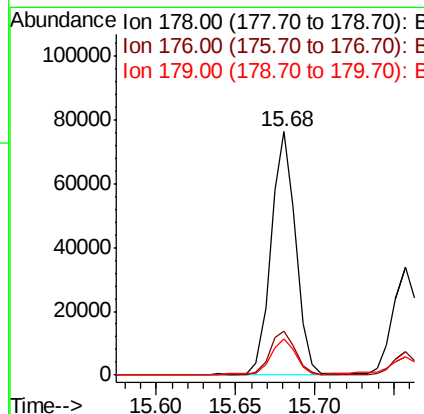
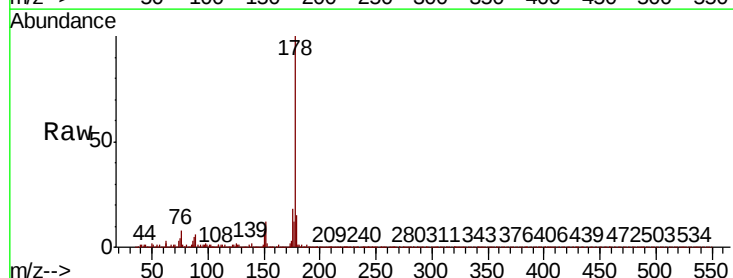
RT: 15.68 min Scan# 2311

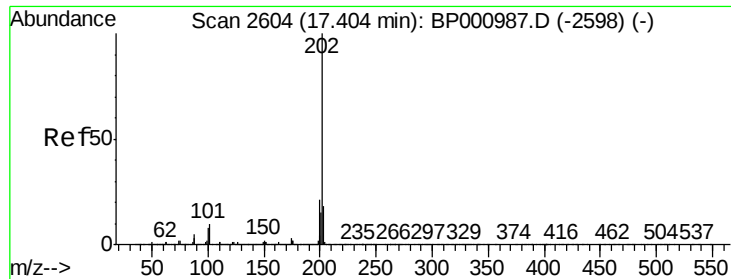
Delta R.T. -0.02 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Tgt Ion:	178	Resp:	82413
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.5	23.3
179	14.7	12.3	18.5





#75

Fluoranthene

Concen: 5.810 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Instrument :

BNA_P

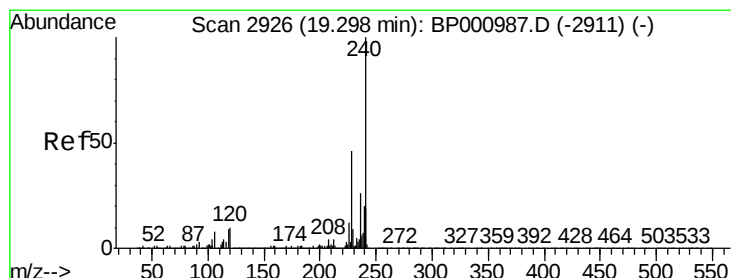
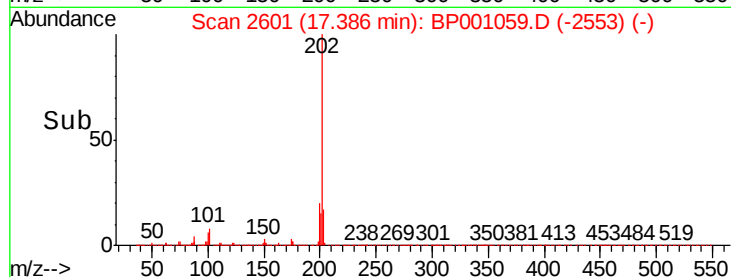
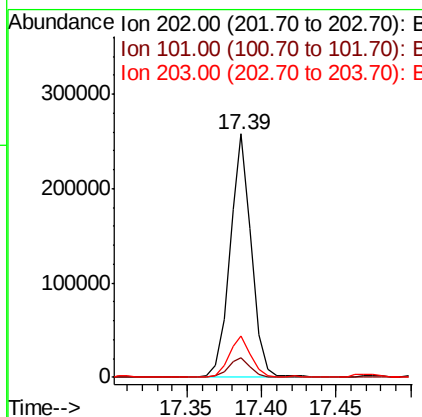
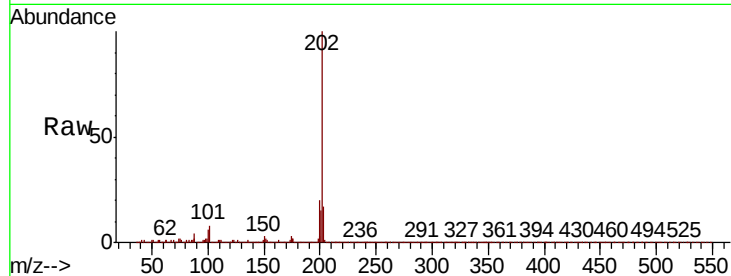
ClientSampleId :

5-(10-12)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		257371		
101	7.9	0.0	30.1		
203	17.2	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

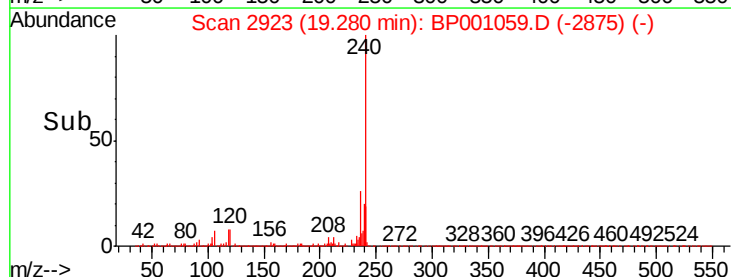
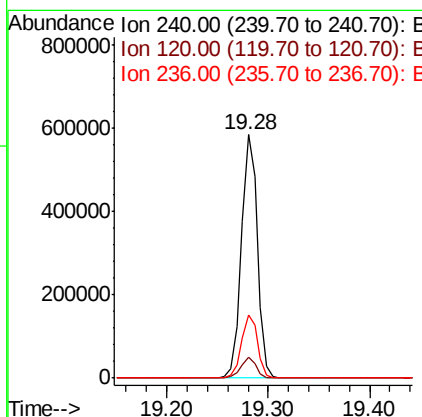
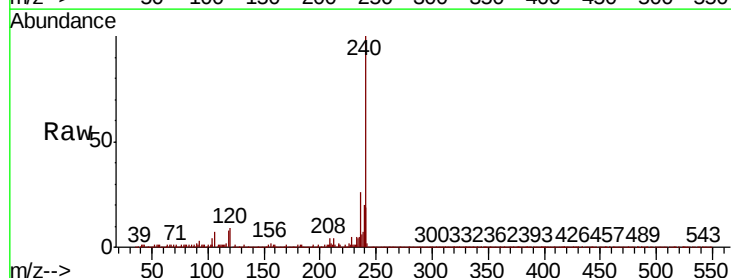
RT: 19.28 min Scan# 2923

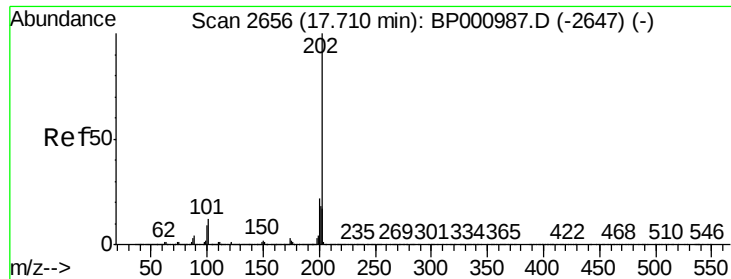
Delta R.T. -0.02 min

Lab File: BP001059.D

Acq: 16 Nov 2019 00:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		635741		
120	8.6	8.2	12.2		
236	26.2	20.5	30.7		





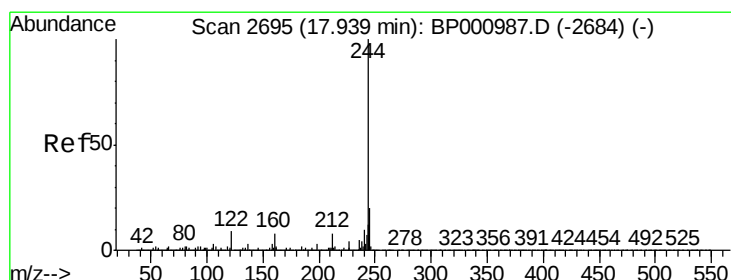
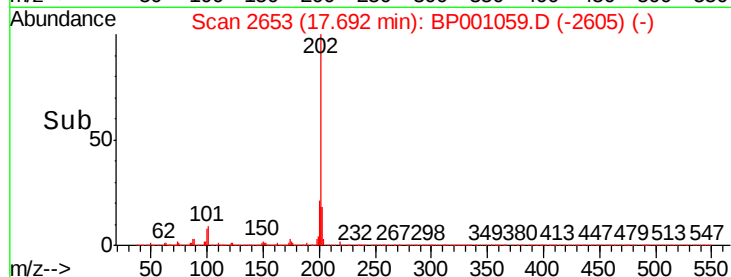
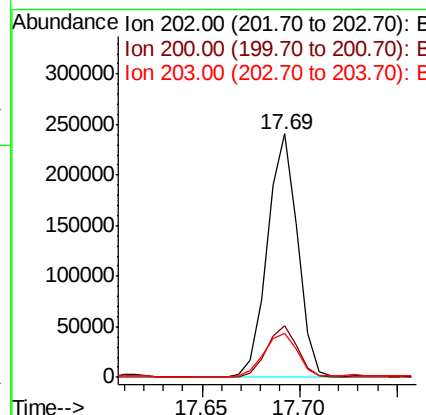
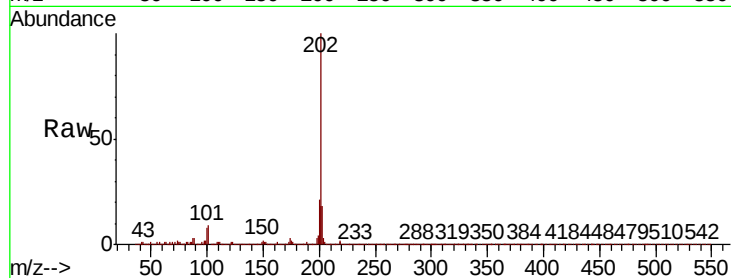
#78
Pvrene
Concen: 5.732 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Instrument :
BNA_P
ClientSampleId :
5-(10-12)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.9	14.0	21.0

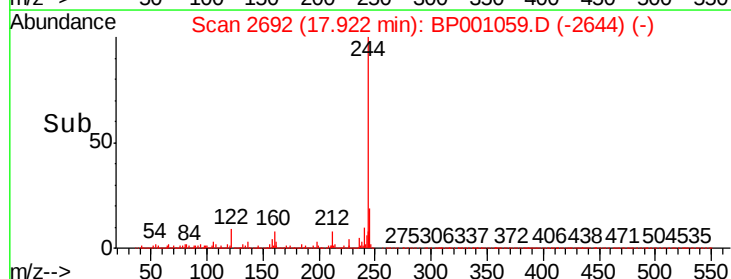
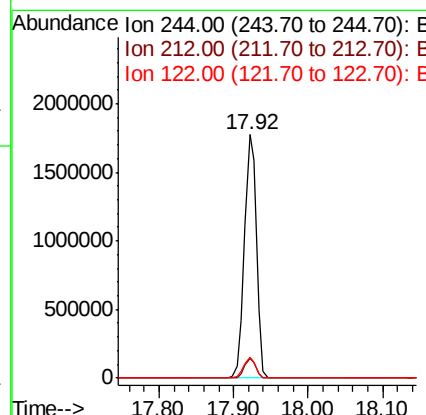
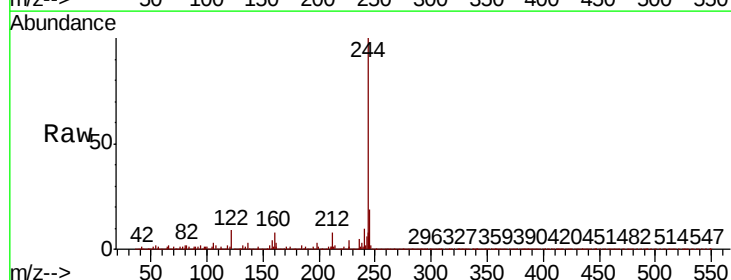
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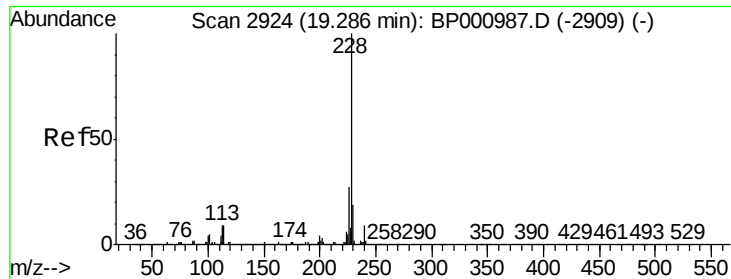
mohammad
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#79
Terphenyl-d14
Concen: 61.700 ng
RT: 17.92 min Scan# 2692
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.8	7.4	11.2





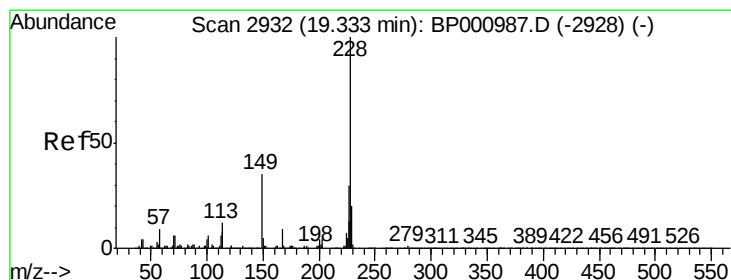
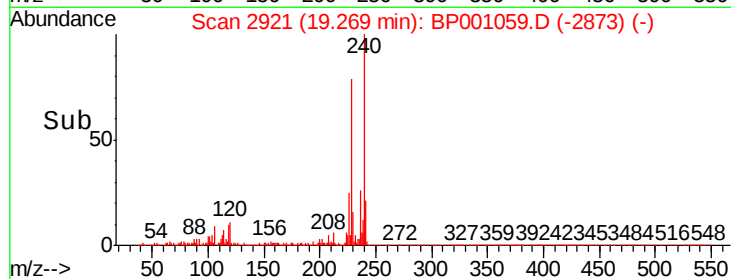
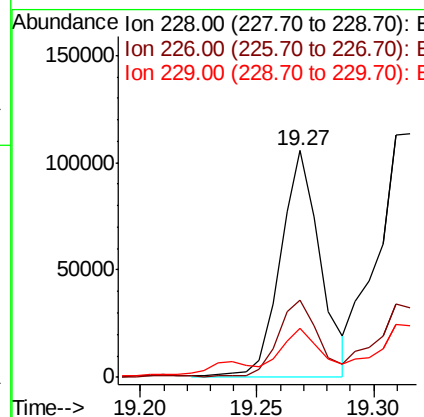
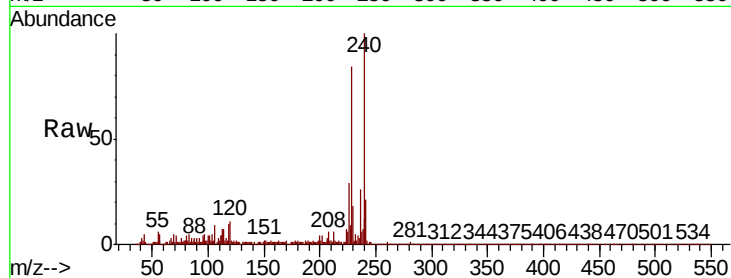
#81
Benzo(a)anthracene
Concen: 2.935 ng m
RT: 19.27 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Instrument :
BNA_P
ClientSampled :
5-(10-12)

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	21.8	32.8#
229	21.7	15.6	23.4

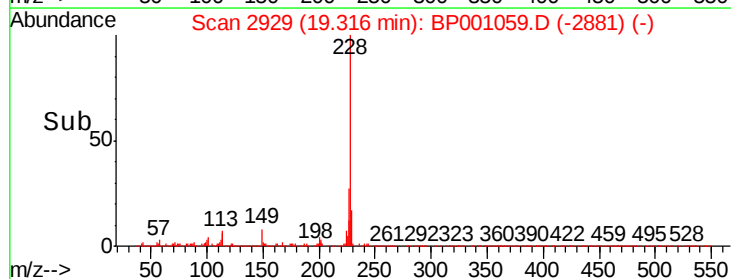
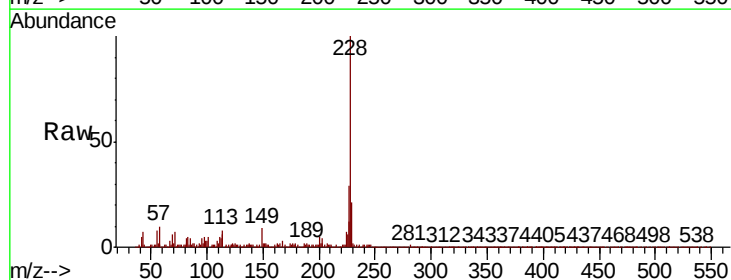
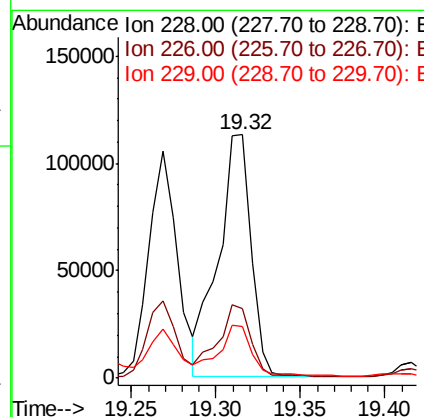
Manual Integrations
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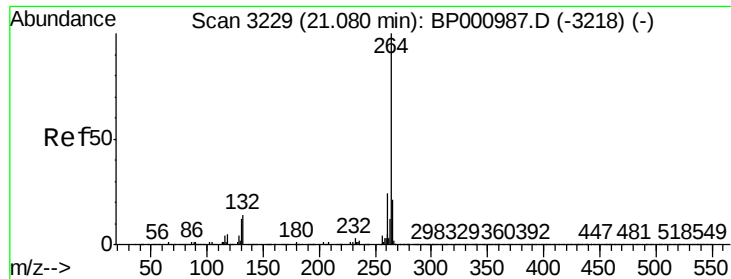
mohammad
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#83
Chrysene
Concen: 4.081 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	21.1	15.8	23.6





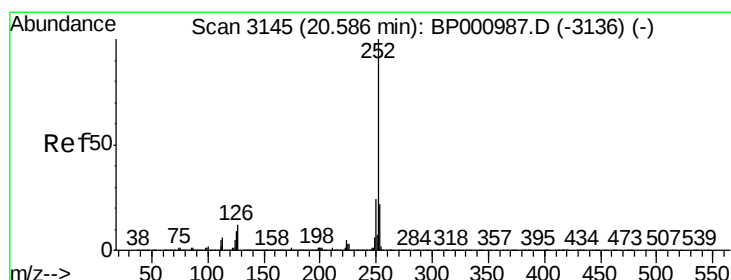
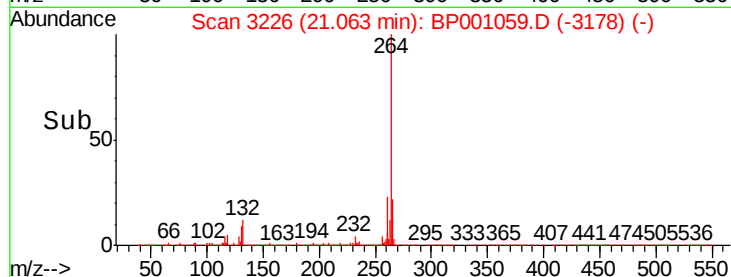
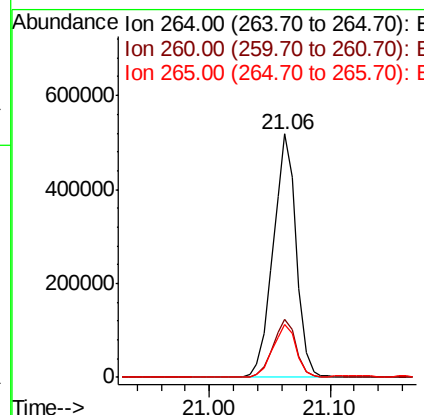
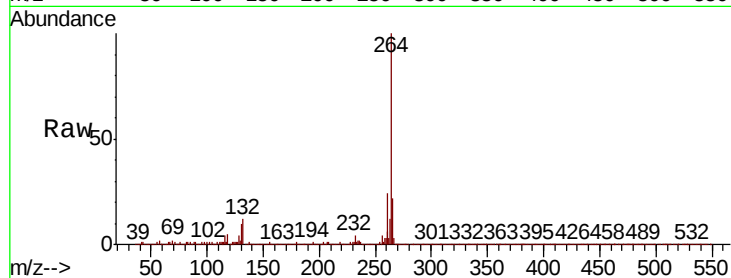
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Instrument :
BNA_P
ClientSampleId :
5-(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	18.8	28.2	
265	21.7	17.1	25.7	

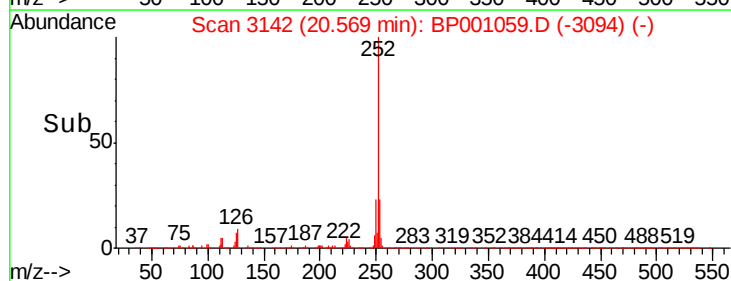
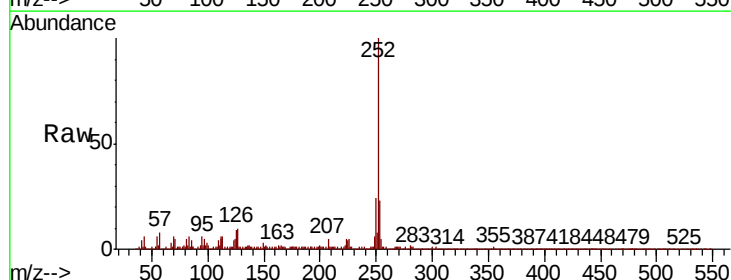
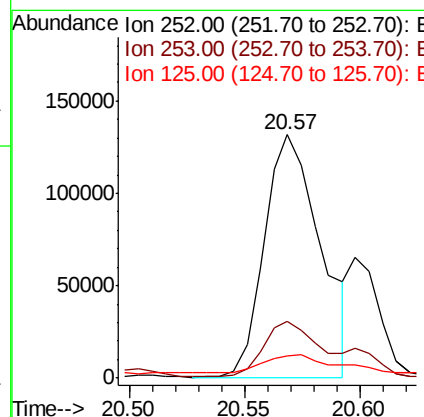
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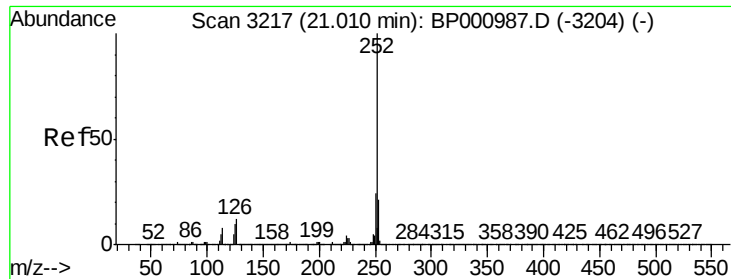
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.400 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.4	17.9	26.9	
125	9.0	7.3	10.9	





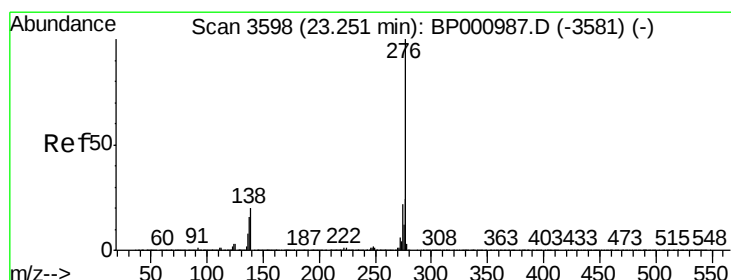
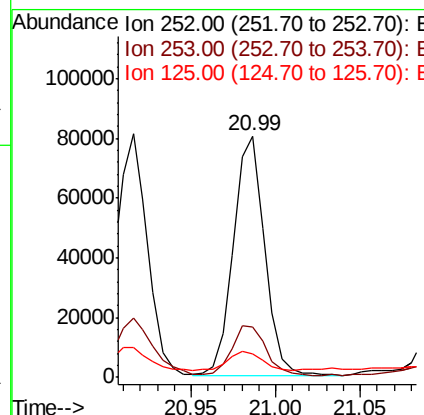
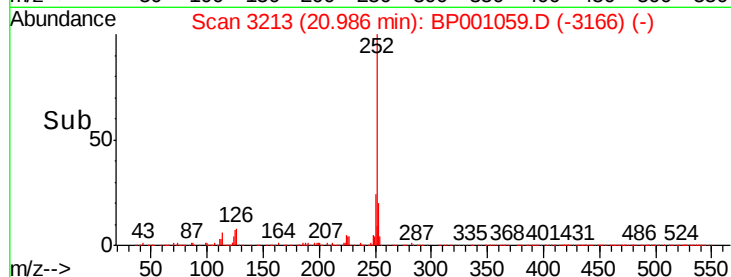
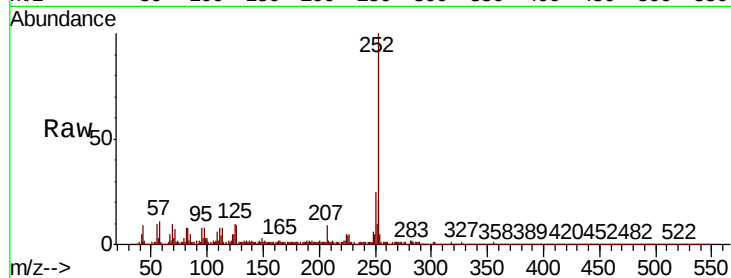
#90
Benzo(a)pyrene
Concen: 2.724 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Instrument :
BNA_P
ClientSampled :
5-(10-12)

Tot Ion:	252	Resp:	102459
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.1	25.7
125	10.0	7.6	11.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.096 ng
RT: 23.21 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BP001059.D
Acq: 16 Nov 2019 00:56

Tgt Ion:	276	Resp:	81003
Ion Ratio	Lower	Upper	
276	100		
277	26.3	19.0	28.4
138	18.4	15.7	23.5

