

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001237.D
 Acq On : 06 Dec 2019 18:53
 Operator : JU
 Sample : K6147-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC005

Manual Integrations
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mohammad
 12/9/2019 3:10:49 PM

Quant Time: Dec 11 05:47:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	78798	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	297764	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	170845	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	337946	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	254167	20.00	ng	-0.02
87) Perylene-d12	21.00	264	262352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	439332	92.50	ng	0.00
7) Phenol-d6	7.75	99	610899	96.55	ng	-0.01
23) Nitrobenzene-d5	9.19	82	428487	62.43	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	172657	105.44	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	726118	62.20	ng	-0.02
79) Terphenyl-d14	17.87	244	864690	62.94	ng	-0.02
Target Compounds						
50) Dimethylphthalate	12.79	163	79592	6.229	ng	99
71) Phenanthrene	15.63	178	43615	2.455	ng	98
75) Fluoranthene	17.34	202	100705	5.354	ng	99
78) Pyrene	17.65	202	89833	4.487	ng	97
81) Benzo(a)anthracene	19.22	228	52744	2.993	ng	95
83) Chrysene	19.26	228	56448m	3.577	ng	
84) Bis(2-ethylhexyl)phthalate	19.27	149	35810	2.817	ng	# 94
88) Benzo(b)fluoranthene	20.52	252	82305m	5.136	ng	
90) Benzo(a)pyrene	20.93	252	52111	3.531	ng	93
92) Benzo(g,h,i)perylene	23.11	276	39587	2.775	ng	# 94

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

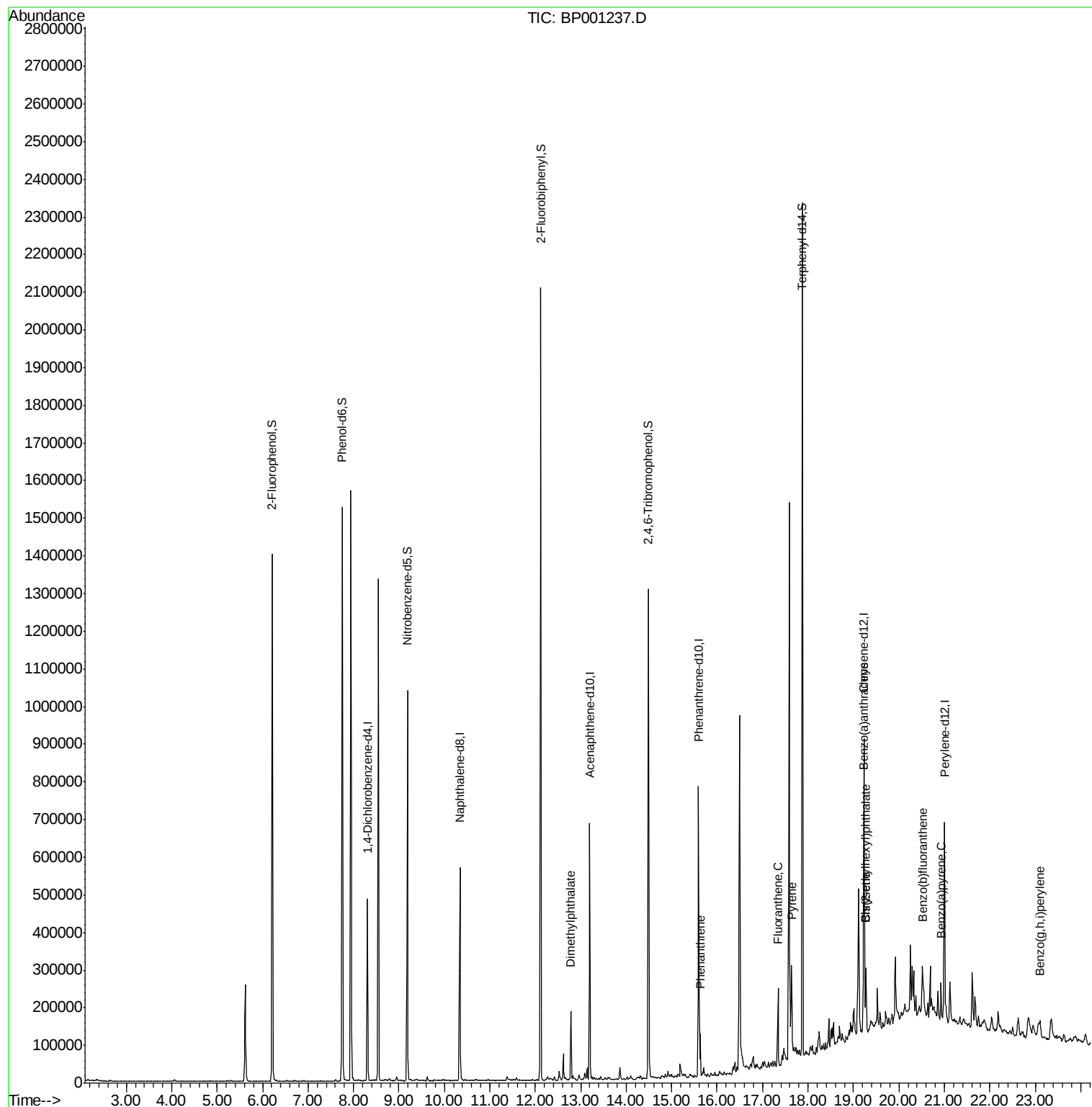
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001237.D
Acq On : 06 Dec 2019 18:53
Operator : JU
Sample : K6147-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

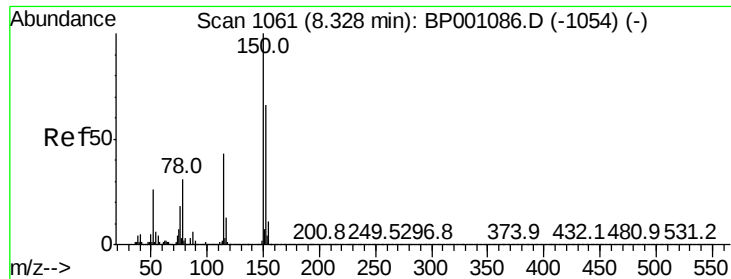
Instrument :
BNA_P
ClientSampleId :
P001-WC005

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Quant Time: Dec 11 05:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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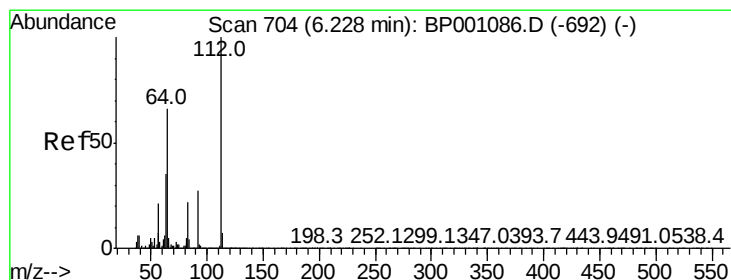
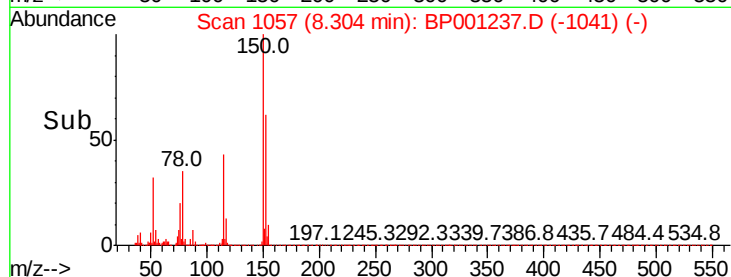
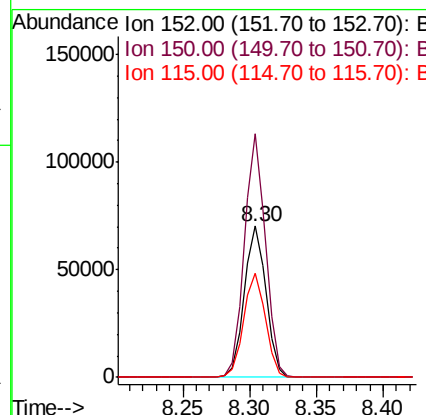
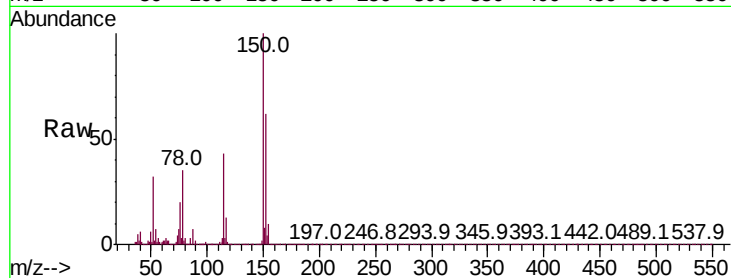
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001237.D
 Acq: 06 Dec 2019 18:53

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC005

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.3	190.9
115	69.2	56.0	84.0

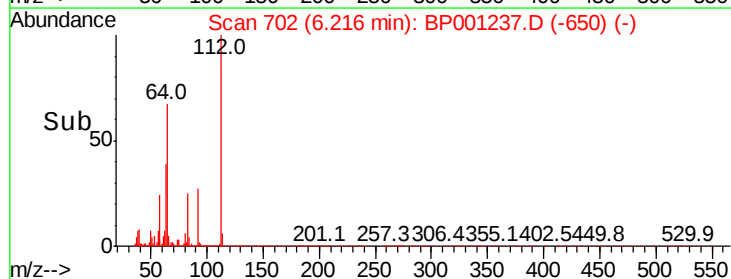
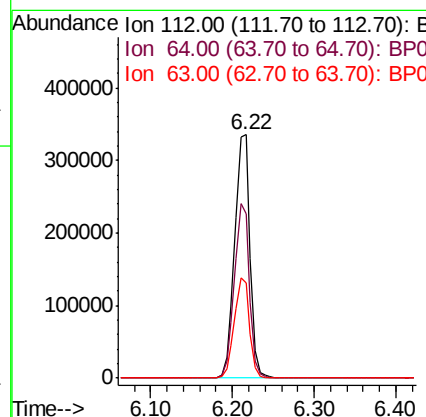
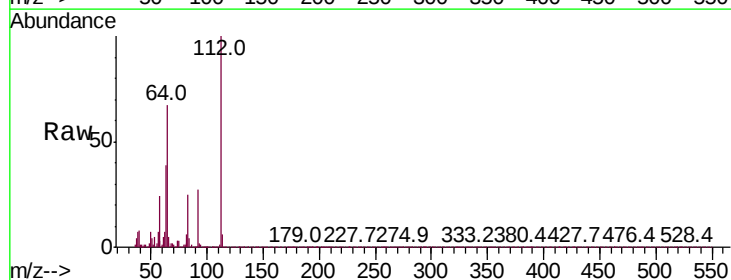
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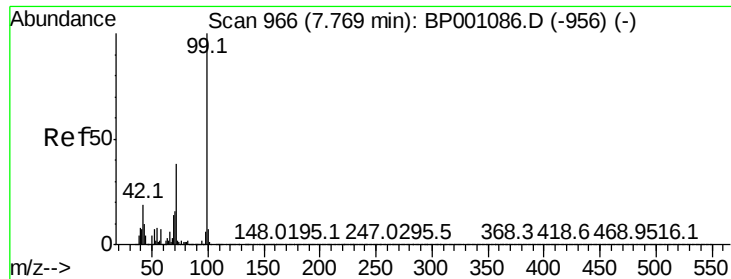
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#5
 2-Fluorophenol
 Concen: 92.501 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001237.D
 Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.8	85.2
63	39.0	32.2	48.2





#7

Phenol-d6

Concen: 96.547 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001237.D

Acq: 06 Dec 2019 18:53

Instrument :

BNA_P

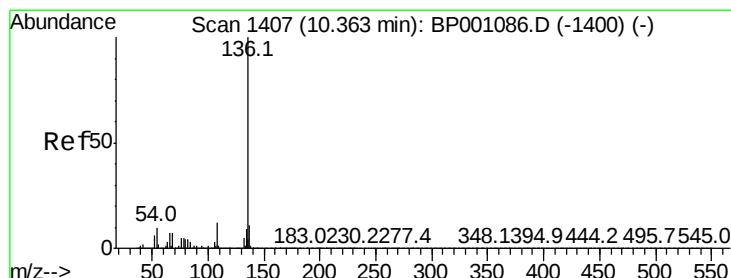
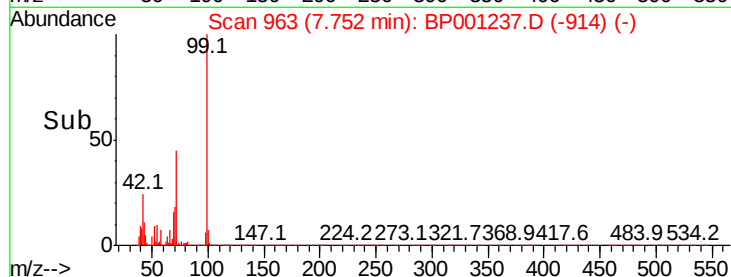
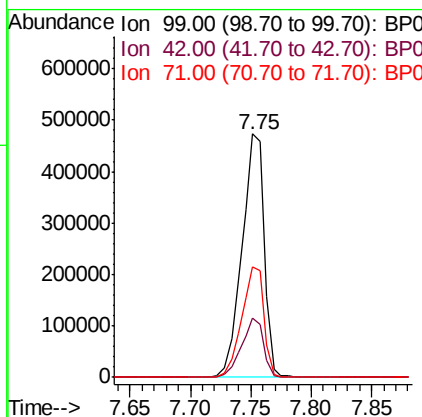
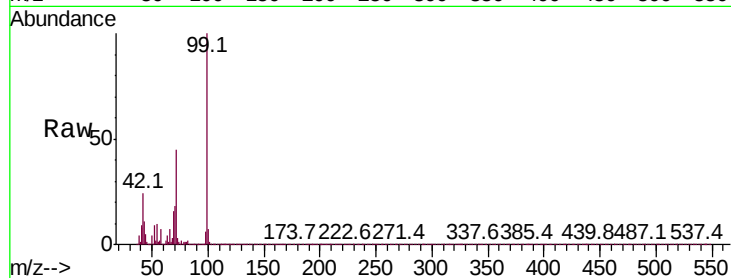
ClientSampleId :

P001-WC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		610899		
42	24.1	17.6	26.4		
71	45.3	33.8	50.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

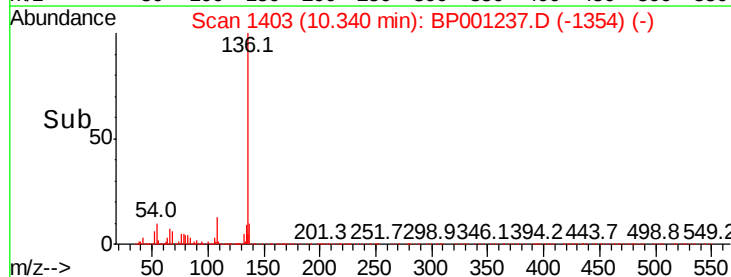
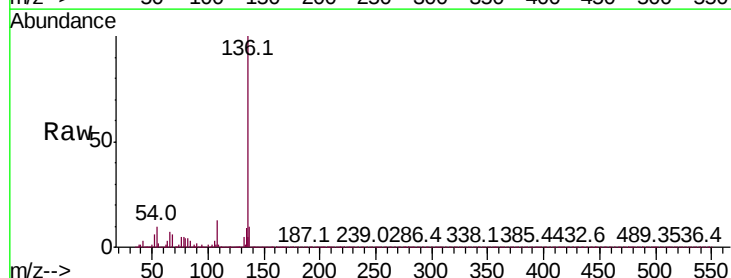
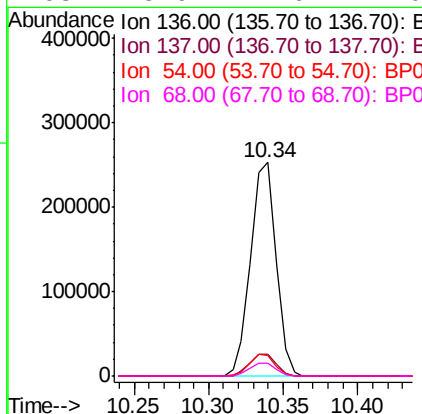
RT: 10.34 min Scan# 1403

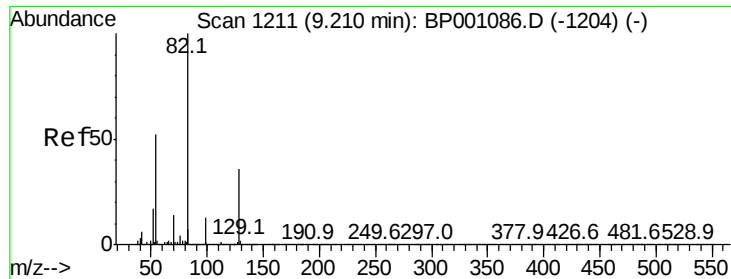
Delta R.T. -0.01 min

Lab File: BP001237.D

Acq: 06 Dec 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		297764		
137	10.3	8.4	12.6		
54	9.8	7.4	11.0		
68	5.9	4.6	7.0		





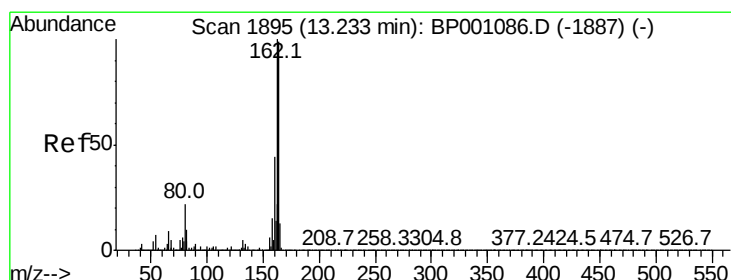
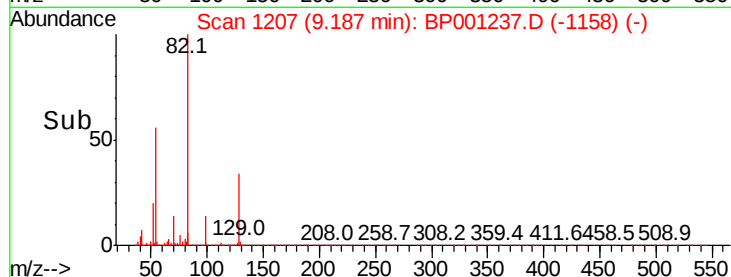
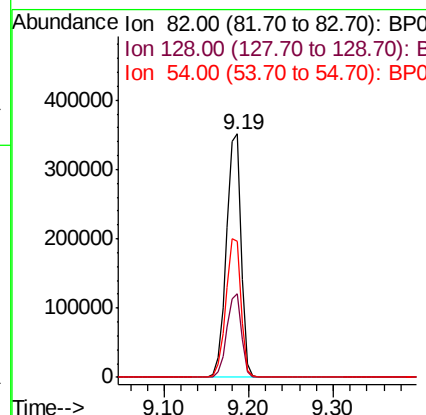
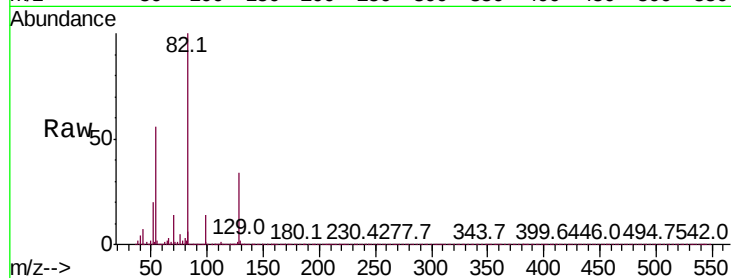
#23
Nitrobenzene-d5
Concen: 62.433 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.5	41.3
54	55.8	45.7	68.5

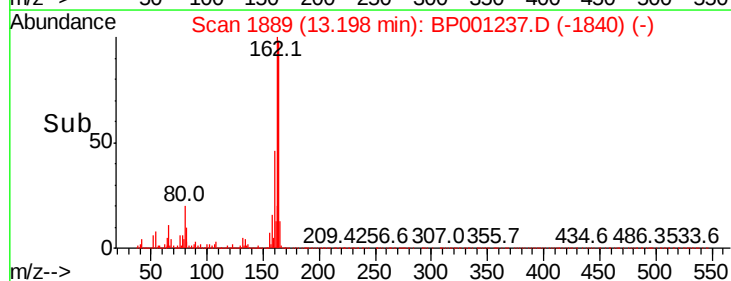
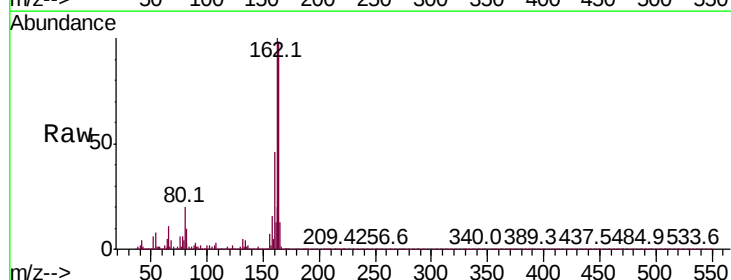
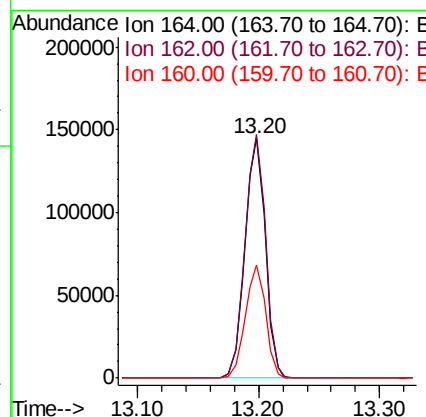
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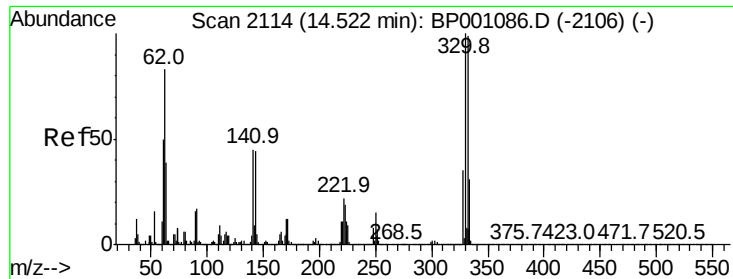
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	47.0	36.3	54.5





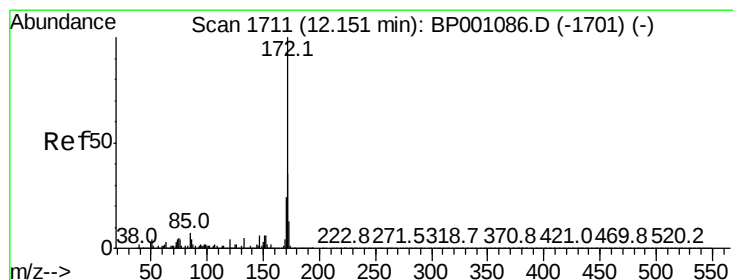
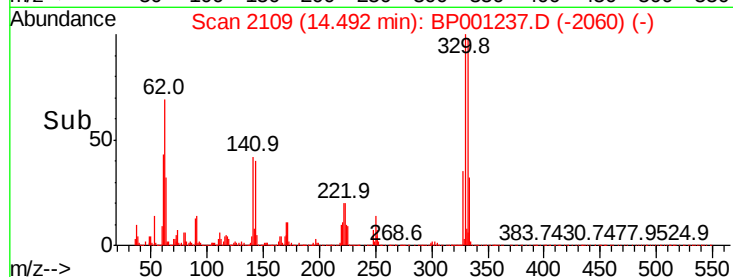
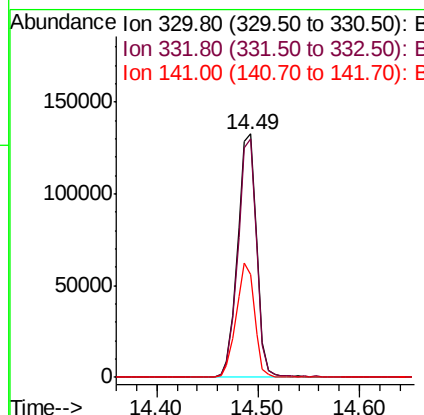
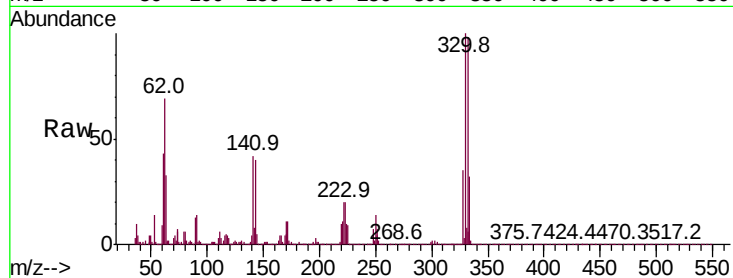
#42
2,4,6-Tribromophenol
Concen: 105.436 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion:	330	Resp:	172657
Ion Ratio	Lower	Upper	
330	100		
332	96.6	79.1	118.7
141	45.5	35.9	53.9

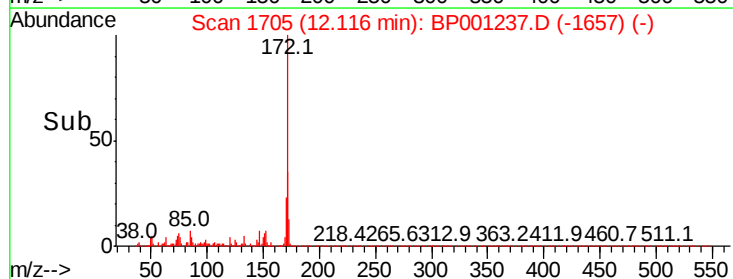
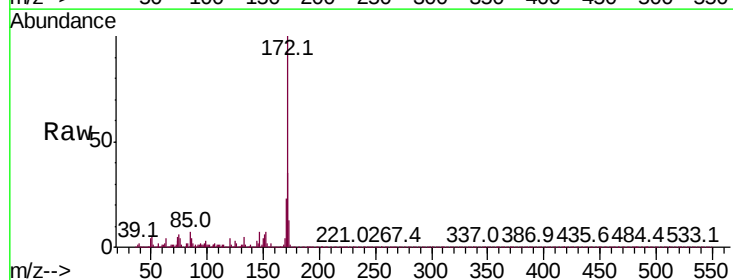
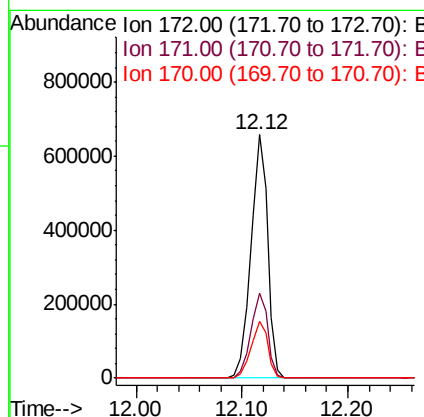
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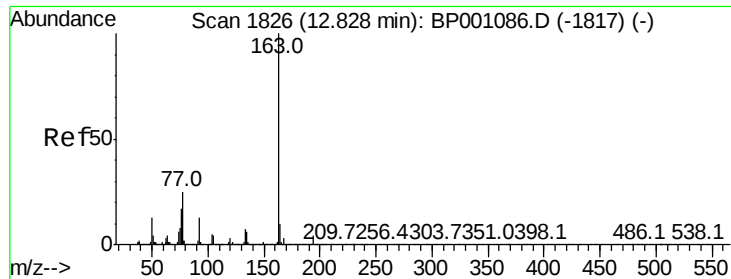
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#45
2-Fluorobiphenyl
Concen: 62.204 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:	172	Resp:	726118
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.7	43.1
170	23.4	19.2	28.8





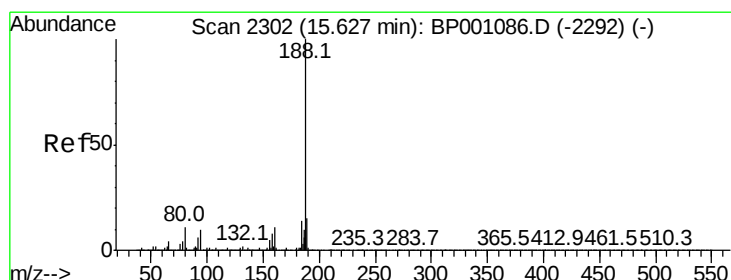
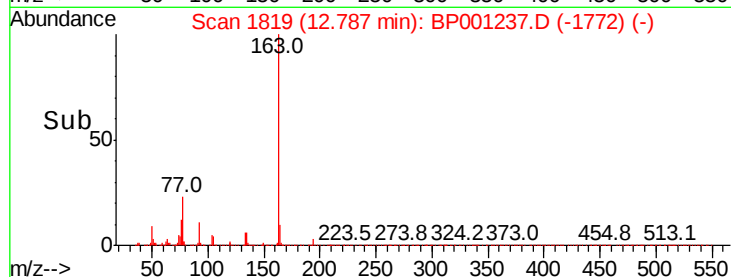
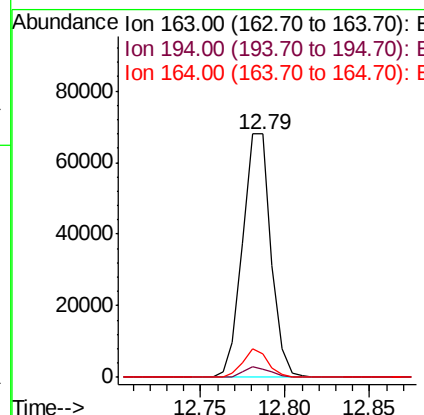
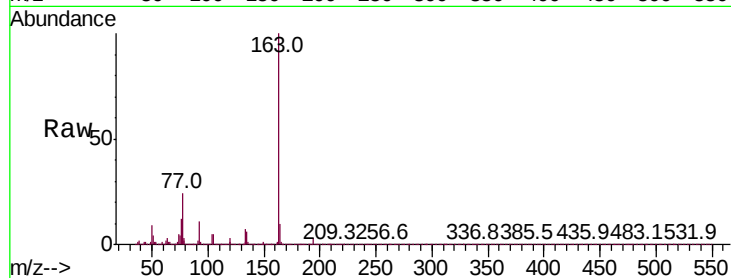
#50
Dimethylphthalate
Concen: 6.229 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	3.1	4.7
164	9.8	8.2	12.4

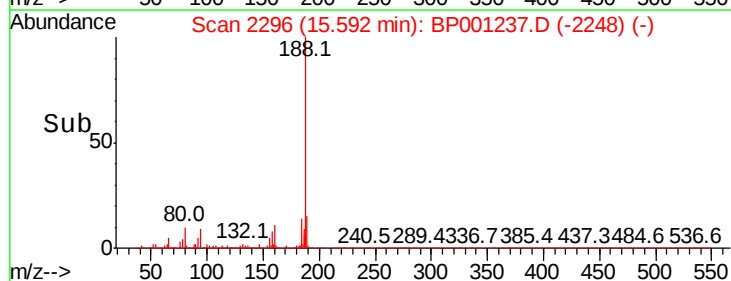
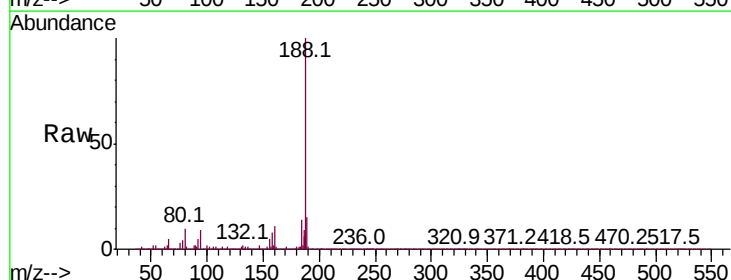
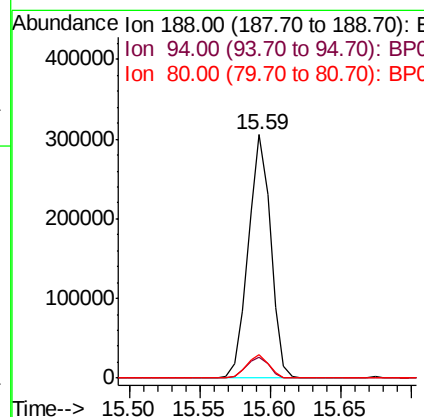
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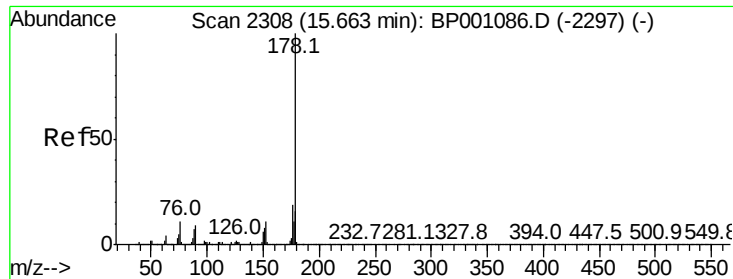
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.7	7.8	11.6





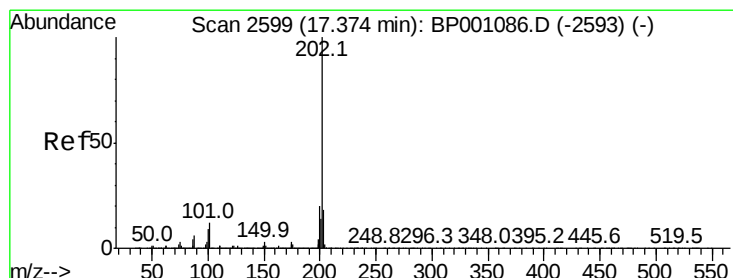
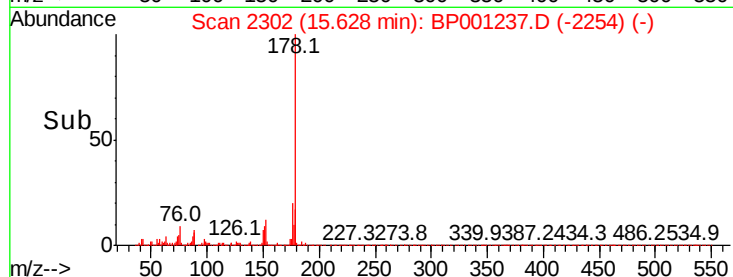
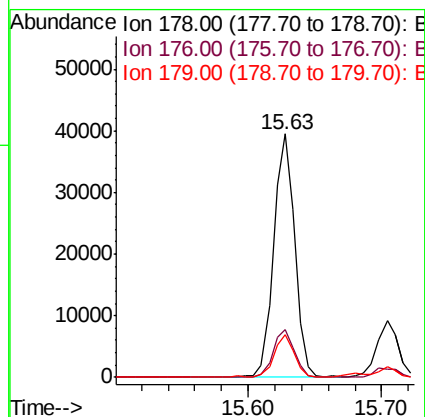
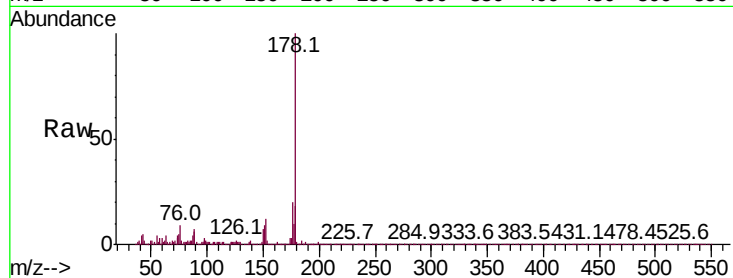
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Phenanthrene
Concen: 2.455 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	17.6	12.4	18.6

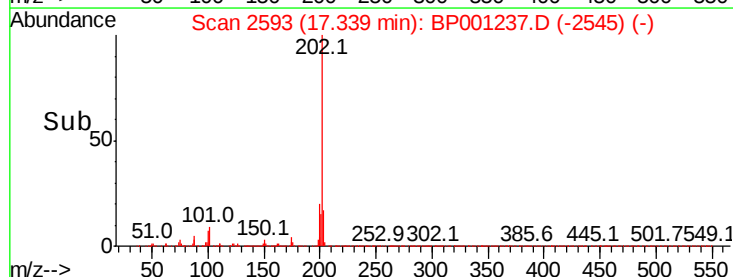
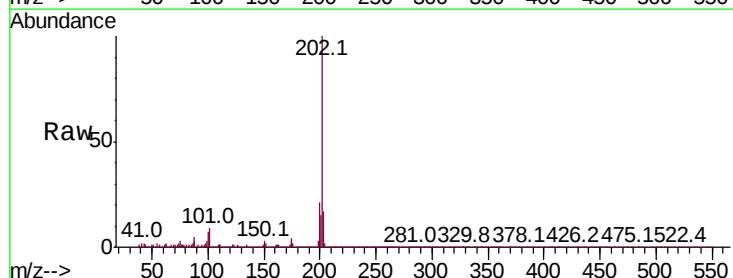
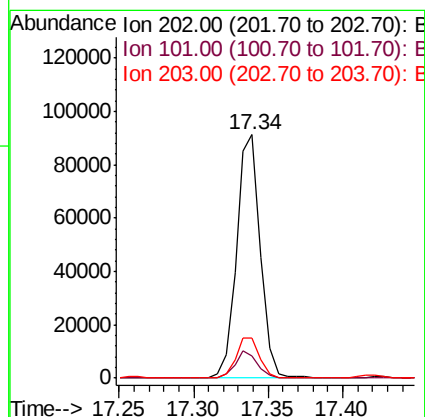
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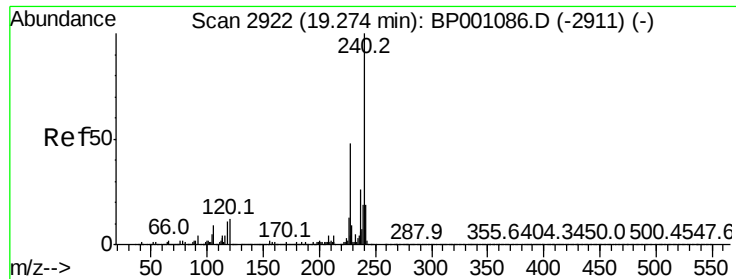
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#75
Fluoranthene
Concen: 5.354 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.0
203	16.6	0.0	37.1





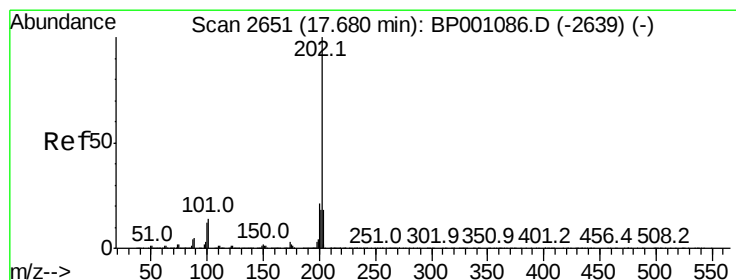
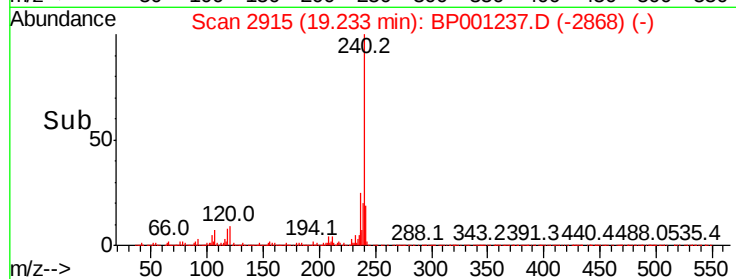
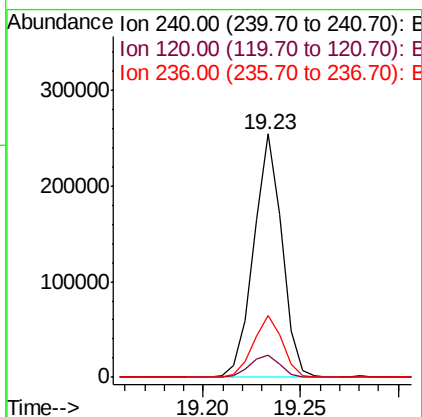
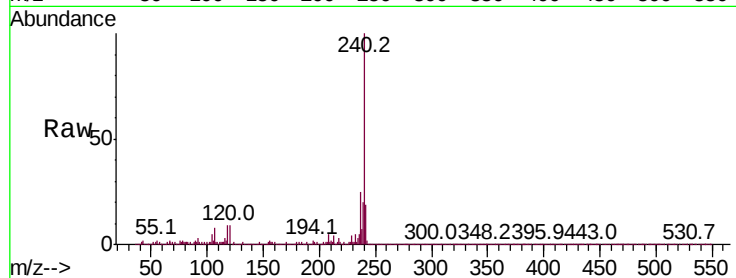
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	25.4	21.7	32.5

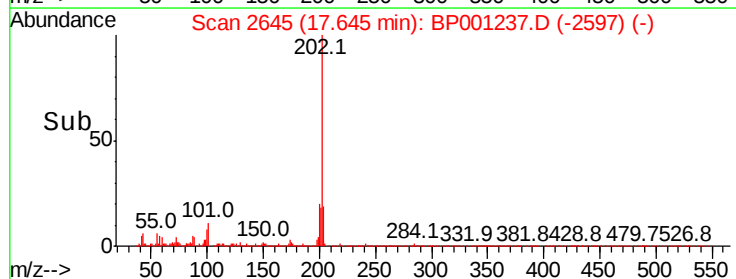
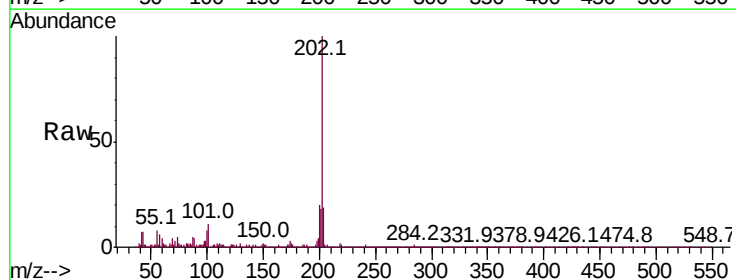
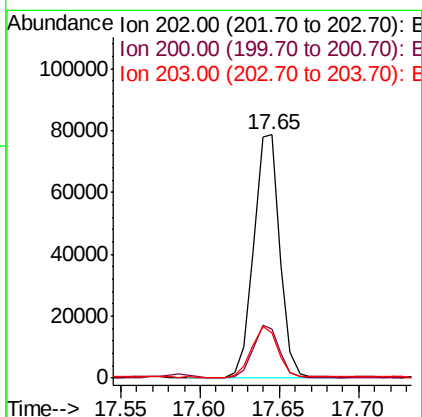
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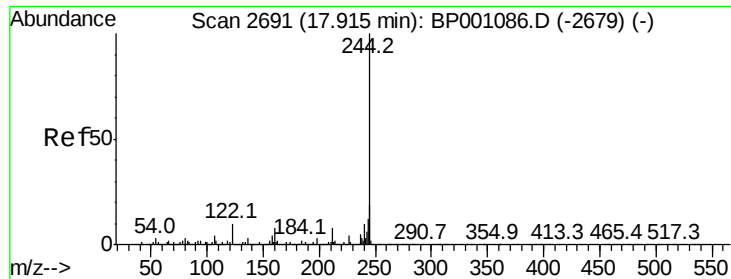
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#78
Pyrene
Concen: 4.487 ng
RT: 17.65 min Scan# 2645
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.3	25.9
203	18.8	13.8	20.8





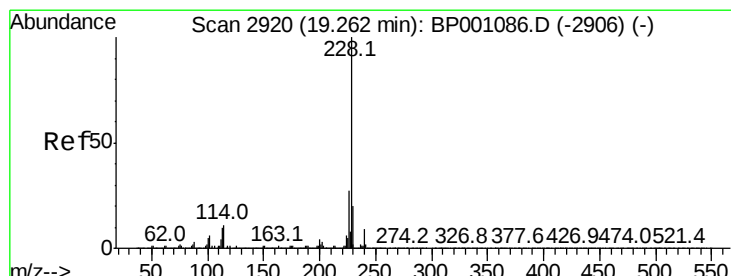
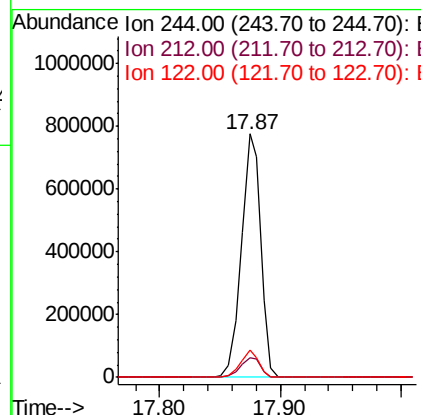
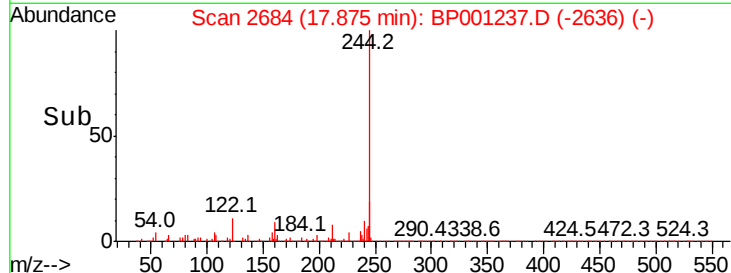
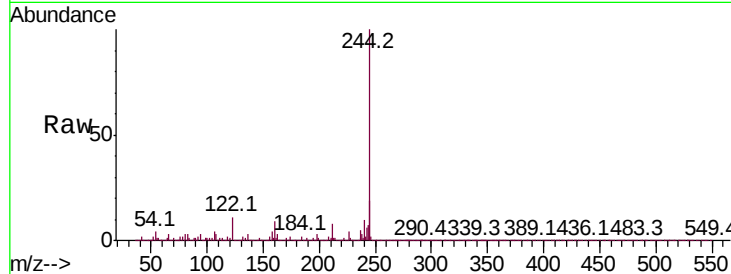
#79
 Terphenyl-d14
 Concen: 62.941 ng
 RT: 17.87 min Scan# 2684
 Delta R.T. -0.02 min
 Lab File: BP001237.D
 Acq: 06 Dec 2019 18:53

Instrument :
 BNA_P
 ClientSampleID :
 P001-WC005

Tot Ion:244	Resp:	864690
Ion Ratio	Lower	Upper
244 100		
212 8.3	6.6	9.8
122 11.2	9.2	13.8

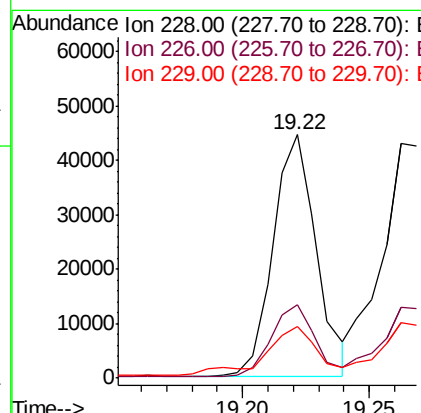
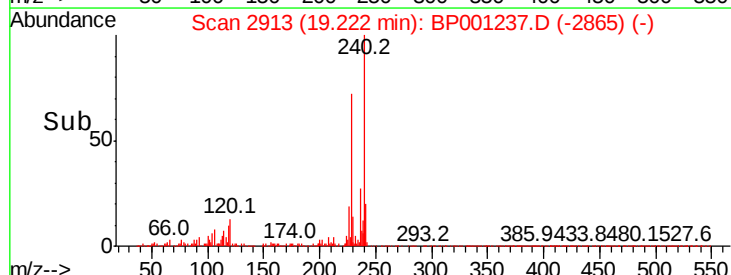
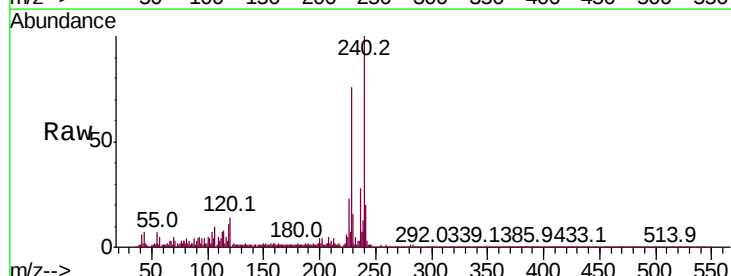
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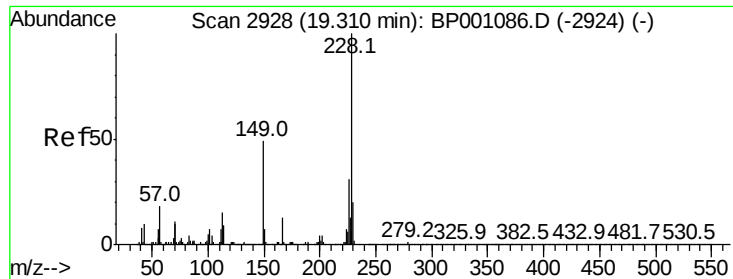
mohammad
 12/9/2019 3:10:49 PM



#81
 Benzo(a)anthracene
 Concen: 2.993 ng
 RT: 19.22 min Scan# 2913
 Delta R.T. -0.02 min
 Lab File: BP001237.D
 Acq: 06 Dec 2019 18:53

Tgt Ion:228	Resp:	52744
Ion Ratio	Lower	Upper
228 100		
226 30.1	21.7	32.5
229 21.2	15.8	23.6





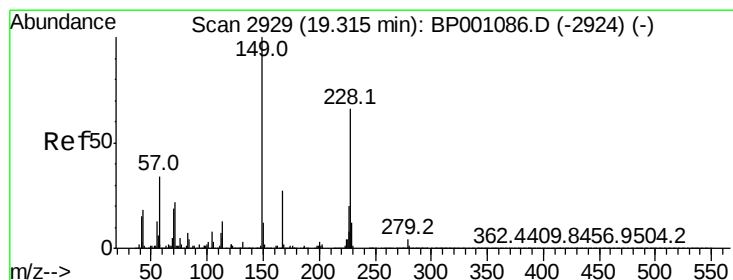
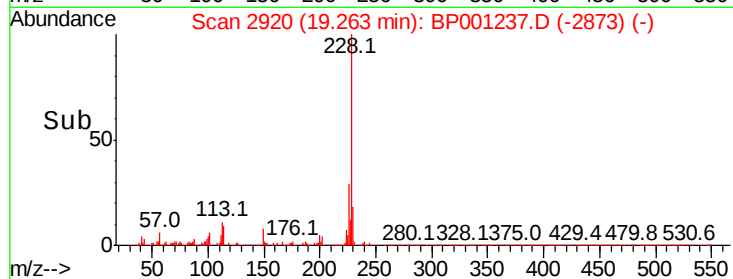
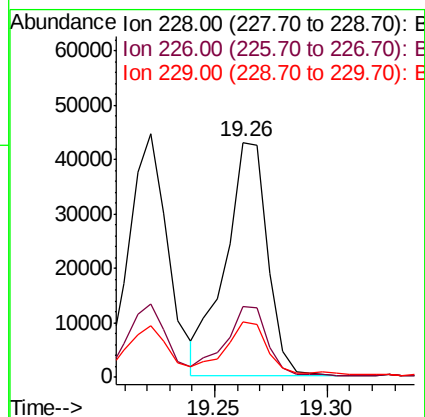
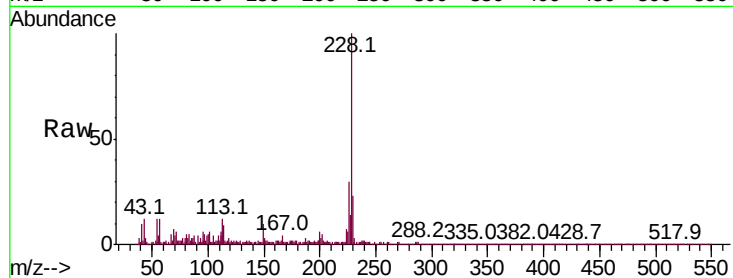
#83
Chrysene
Concen: 3.577 ng m
RT: 19.26 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	23.4	15.2	22.8#

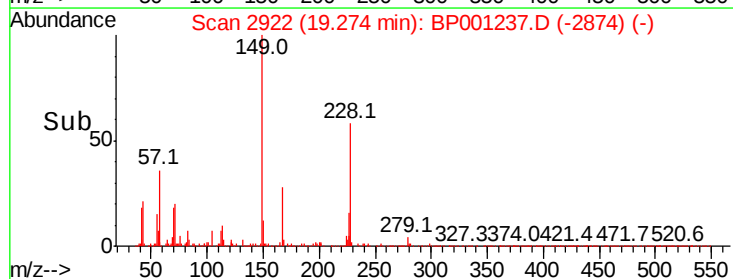
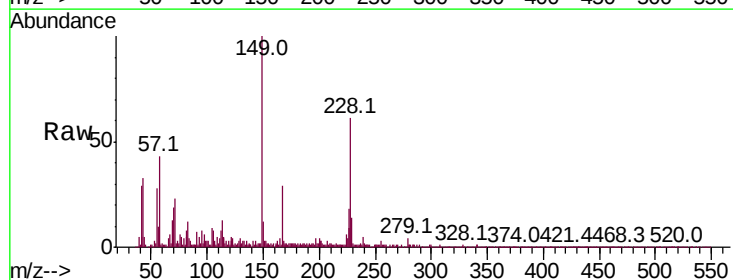
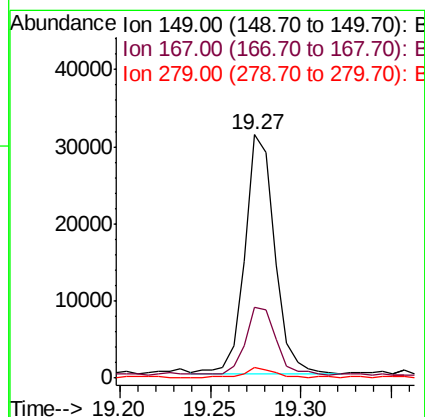
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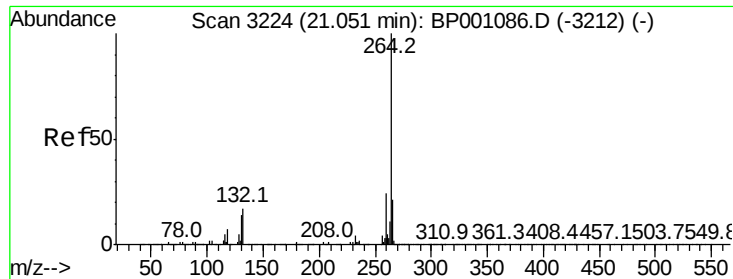
mohammad
12/9/2019 3:10:49 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.817 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	20.8	31.2
279	4.3	2.8	4.2#





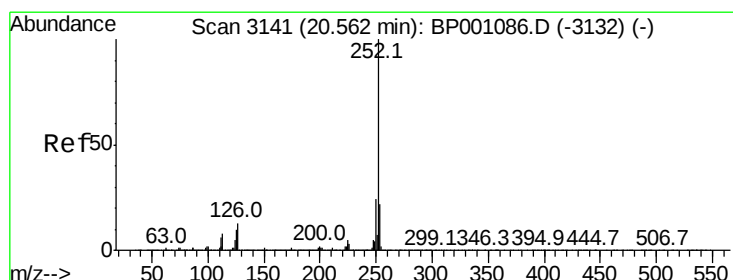
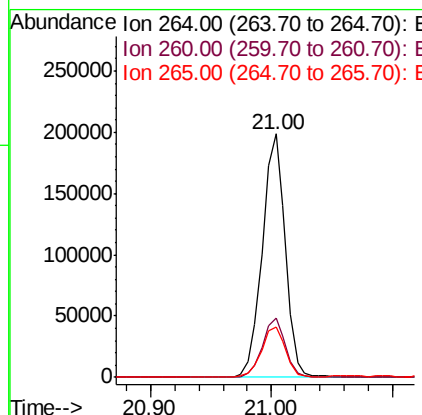
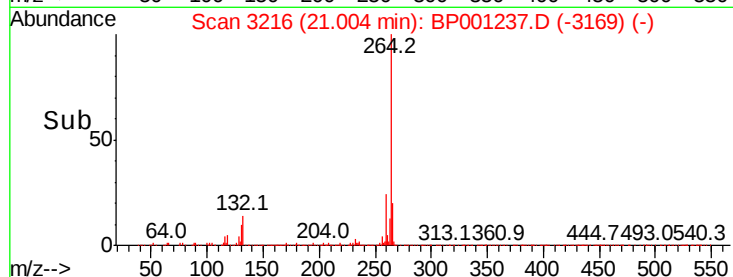
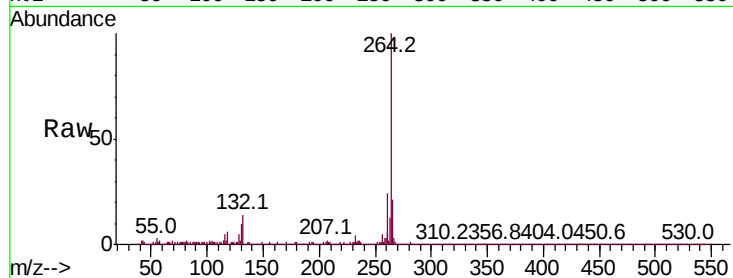
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampled :
P001-WC005

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.4	29.0
265	20.6	17.1	25.7

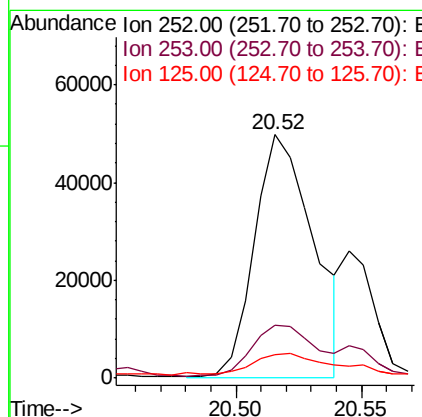
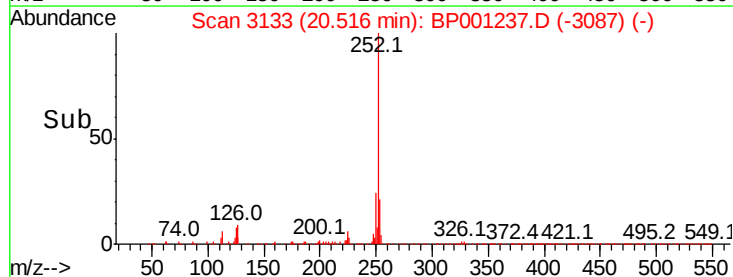
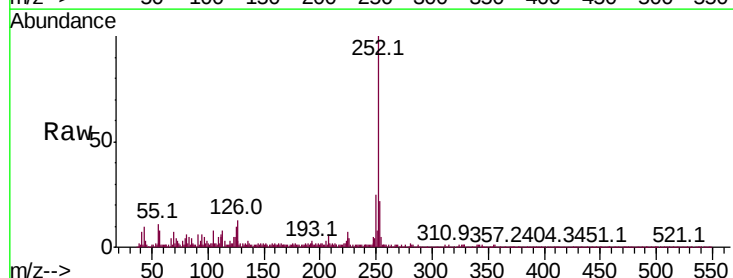
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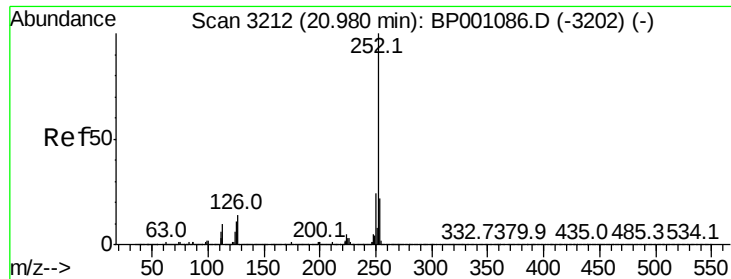
mohammad
12/9/2019 3:10:49 PM



#88
Benzo(b)fluoranthene
Concen: 5.136 ng m
RT: 20.52 min Scan# 3133
Delta R.T. -0.03 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.8	6.6	9.8





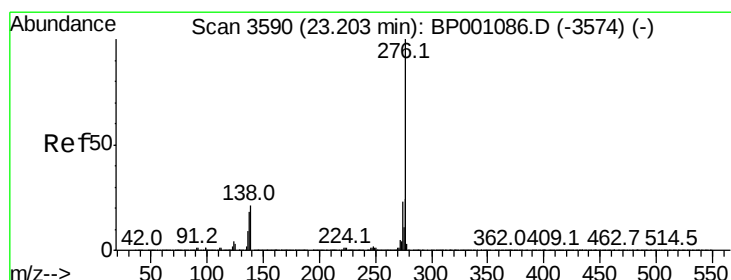
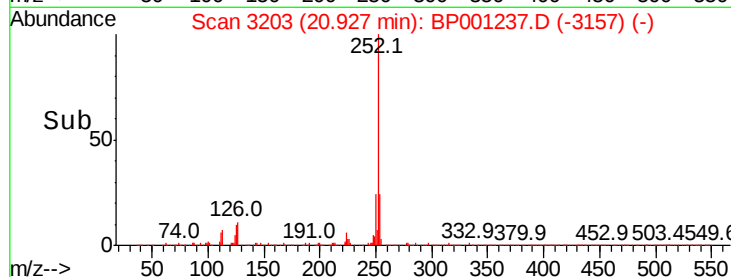
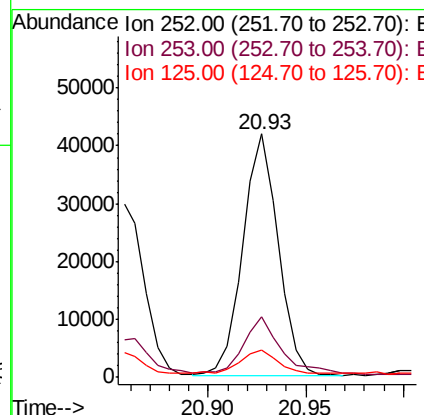
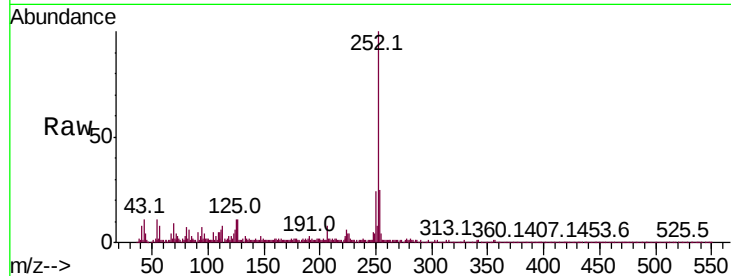
#90
Benzo(a)pyrene
Concen: 3.531 ng
RT: 20.93 min Scan# 3203
Delta R.T. -0.03 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :
P001-WC005

Tot Ion:	252	Resp:	52111
Ion Ratio	Lower	Upper	
252	100		
253	25.0	16.8	25.2
125	11.4	7.8	11.6

Manual Integrations
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mohammad
12/9/2019 3:10:49 PM



#92
Benzo(g,h,i)perylene
Concen: 2.775 ng
RT: 23.11 min Scan# 3574
Delta R.T. -0.06 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:	276	Resp:	39587
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.6	28.0
138	14.9	15.6	23.4#

