

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001543.D
 Acq On : 06 Jan 2020 22:42
 Operator : JU
 Sample : K6463-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GP-5C-(5-6)

Manual Integrations
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 1/7/2020 12:31:46 PM

Quant Time: Jan 07 03:57:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	56841	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	207211	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	125432	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	267155	20.00	ng	0.00
76) Chrysene-d12	21.19	240	226955	20.00	ng	0.00
87) Perylene-d12	23.44	264	238709	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	283196	83.70	ng	0.00
7) Phenol-d6	6.89	99	413489	90.73	ng	0.00
23) Nitrobenzene-d5	8.83	82	287890	68.62	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	152156	107.18	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	502536	58.91	ng	0.00
79) Terphenyl-d14	19.67	244	708927	62.25	ng	0.00
Target Compounds						
10) Phenol	6.91	94	11437	2.386	ng	93
50) Dimethylphthalate	13.79	163	41515	4.234	ng	# 88
71) Phenanthrene	17.13	178	34108	2.354	ng	# 83
75) Fluoranthene	19.11	202	123067	7.016	ng	98
78) Pyrene	19.46	202	217447	13.203	ng	98
81) Benzo(a)anthracene	21.17	228	39182	2.460	ng	# 62
83) Chrysene	21.22	228	48085	3.149	ng	# 78
88) Benzo(b)fluoranthene	22.77	252	55032m	3.723	ng	
90) Benzo(a)pyrene	23.34	252	31193	2.255	ng	# 57
92) Benzo(g,h,i)perylene	26.42	276	39522	2.882	ng	# 92

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

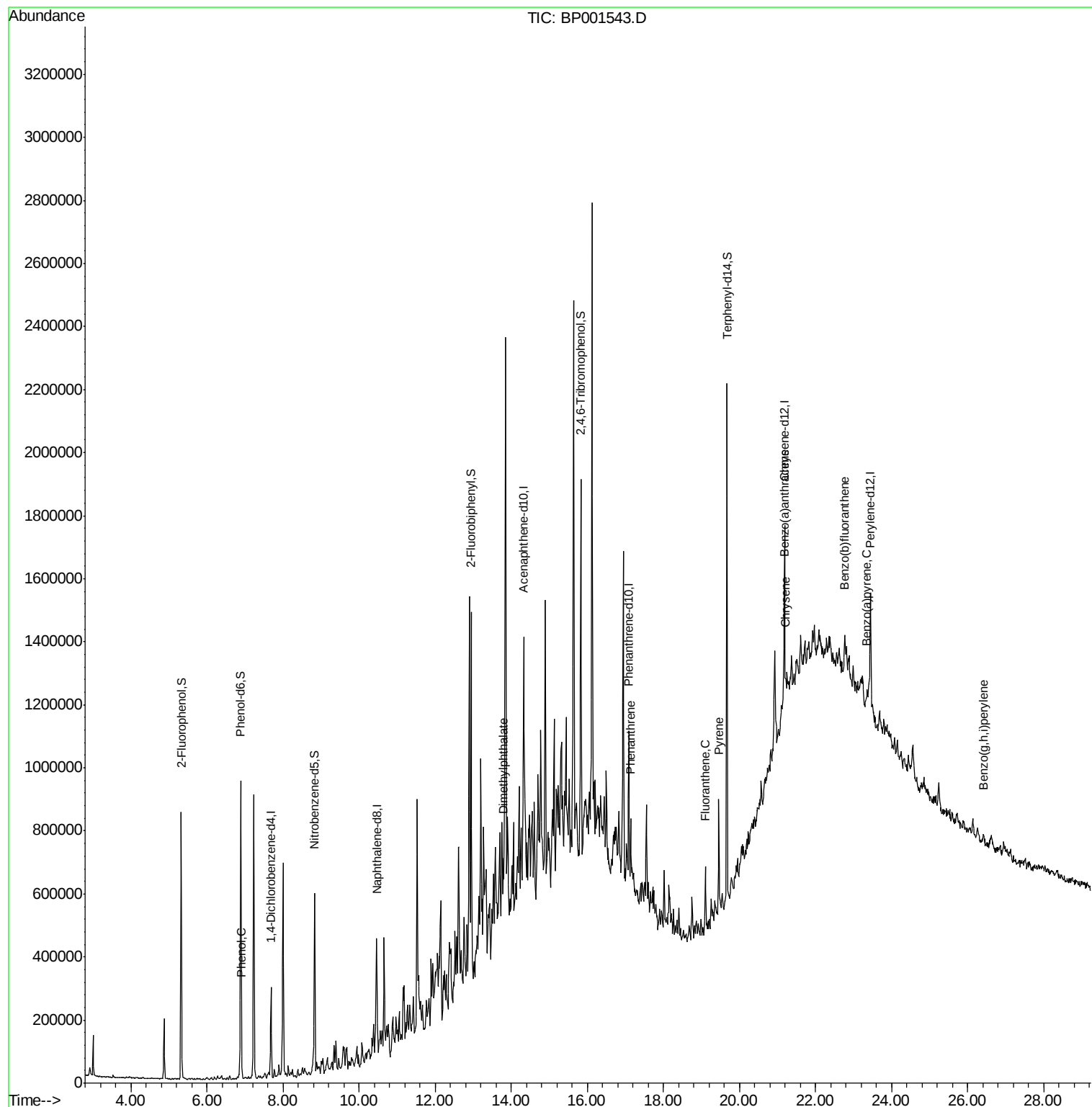
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001543.D
Acq On : 06 Jan 2020 22:42
Operator : JU
Sample : K6463-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

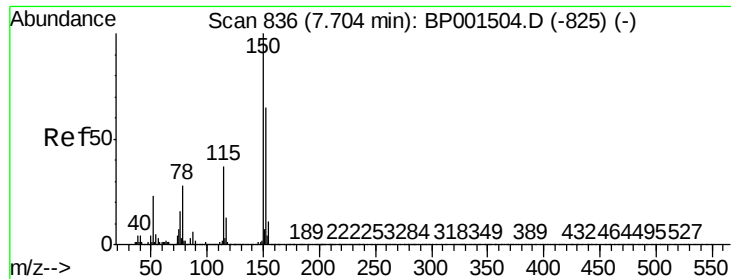
Instrument :
BNA_P
ClientSampled :
GP-5C-(5-6)

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#1

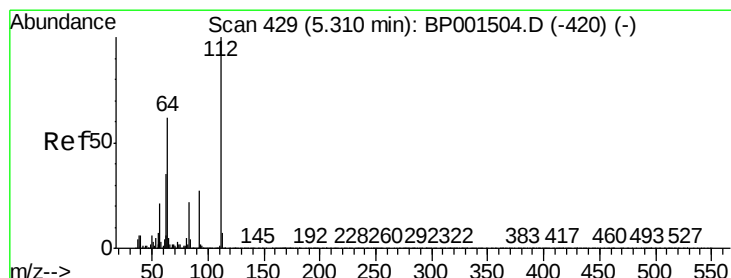
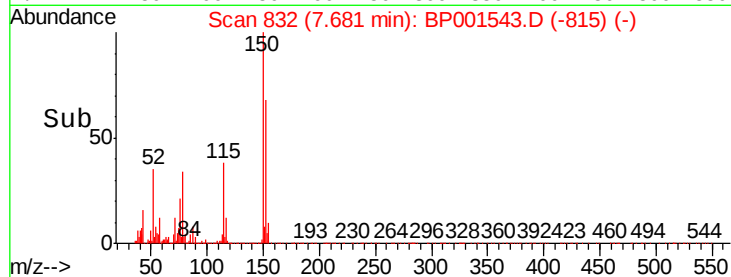
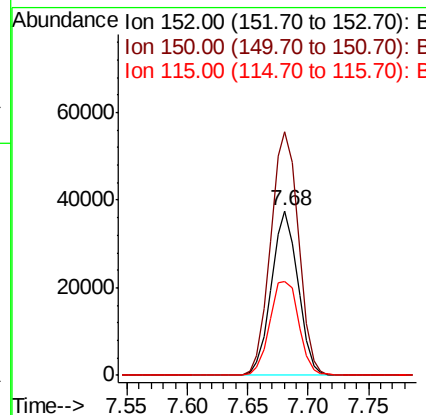
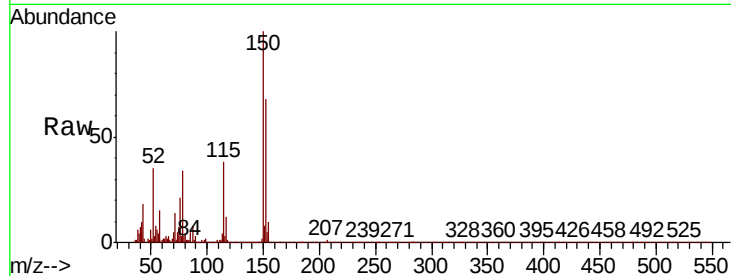
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	117.9	176.9
115	56.8	50.3	75.5

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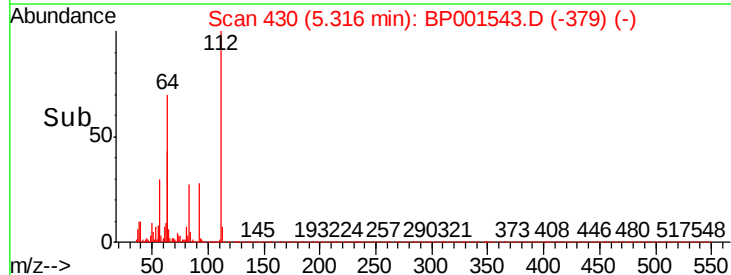
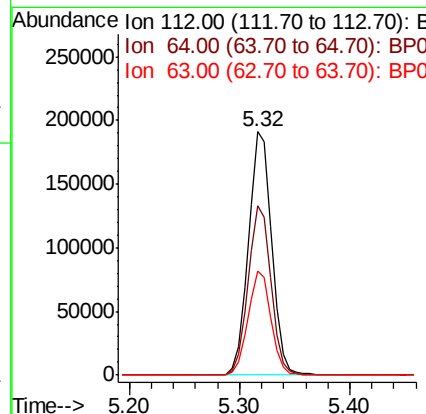
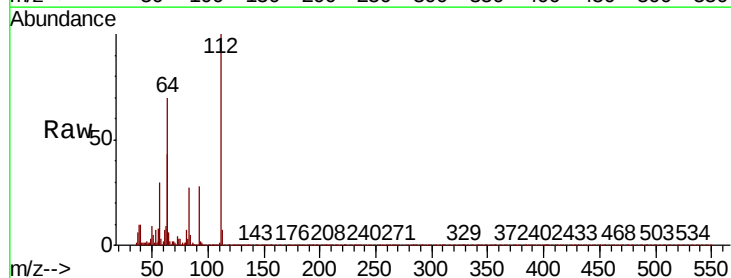
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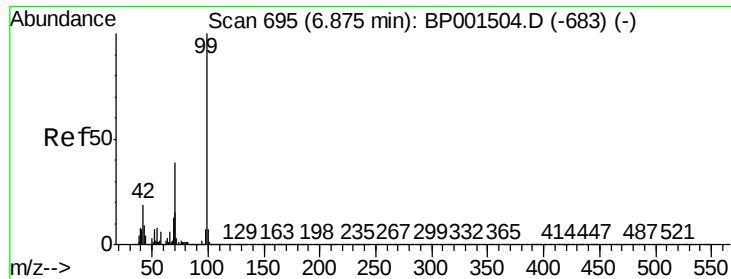


#5

2-Fluorophenol
Concen: 83.702 ng
RT: 5.32 min Scan# 430
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	52.6	79.0
63	42.9	32.6	48.8





#7

Phenol-d6

Concen: 90.735 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001543.D

Acq: 06 Jan 2020 22:42

Instrument :

BNA_P

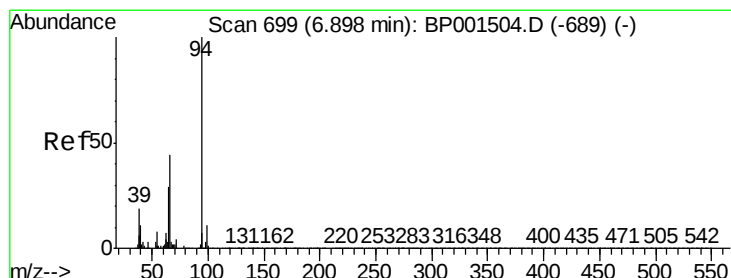
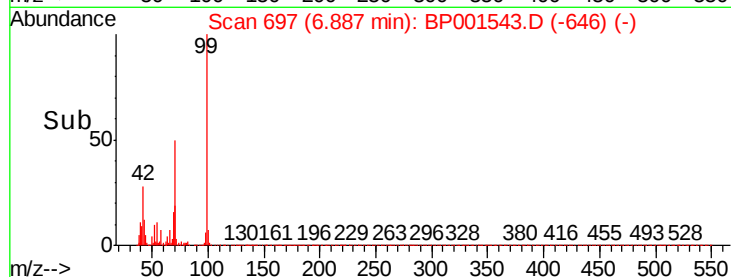
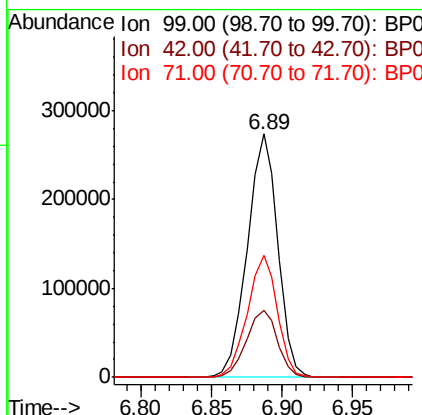
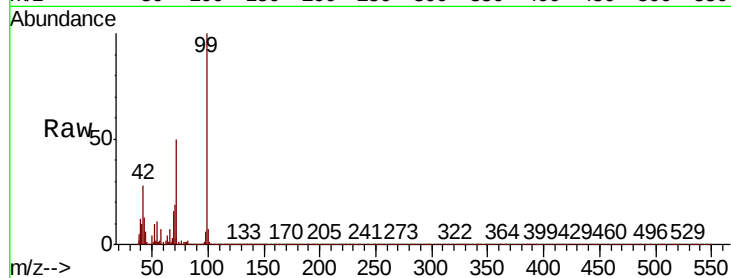
ClientSampleId :

GP-5C-(5-6)

Tot Ion:	99	Resp:	413489
Ion Ratio	Lower	Upper	
99	100		
42	27.6	21.2	31.8
71	50.1	40.0	60.0

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#10

Phenol

Concen: 2.386 ng

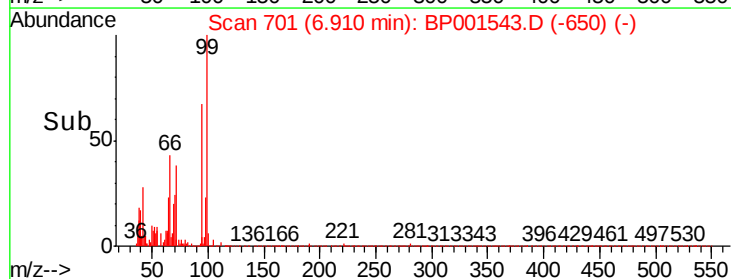
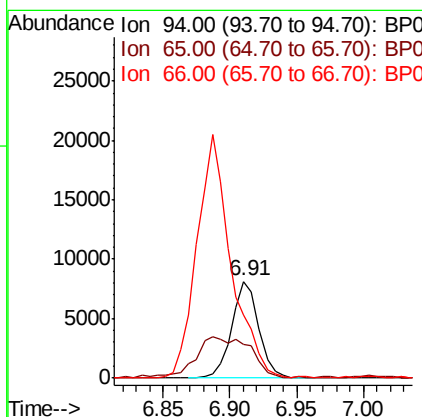
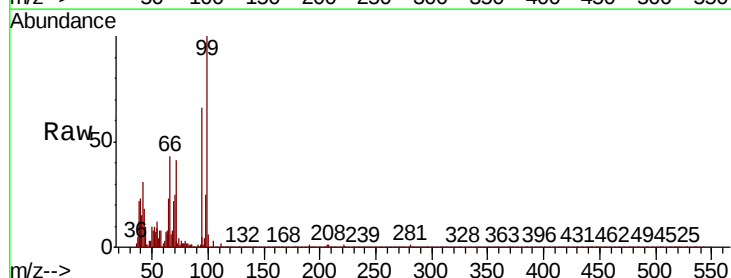
RT: 6.91 min Scan# 701

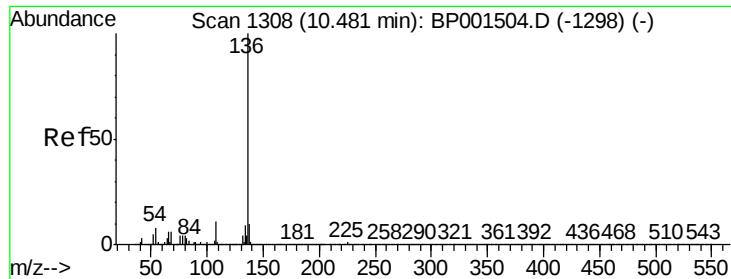
Delta R.T. -0.00 min

Lab File: BP001543.D

Acq: 06 Jan 2020 22:42

Tgt Ion:	94	Resp:	11437
Ion Ratio	Lower	Upper	
94	100		
65	34.3	15.7	55.7
66	64.9	37.8	77.8





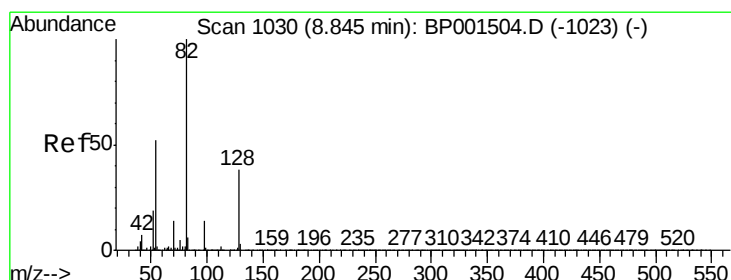
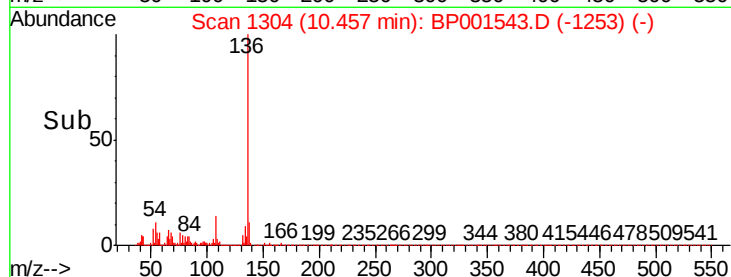
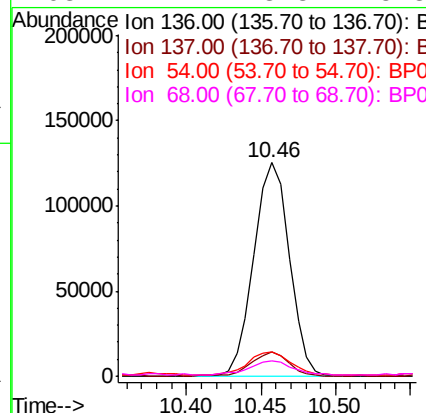
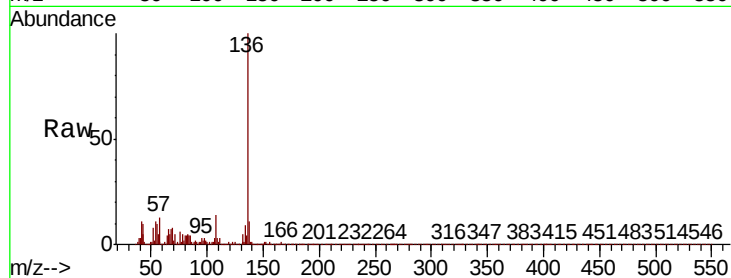
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.2	8.4	12.6
68	7.1	3.8	5.8#

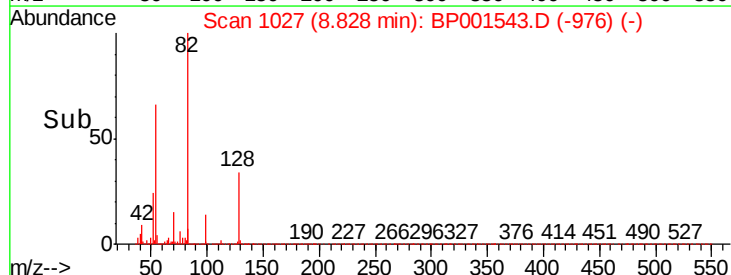
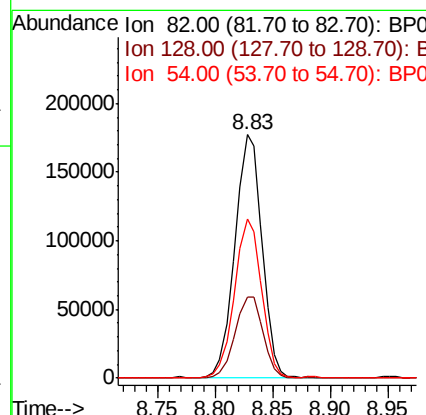
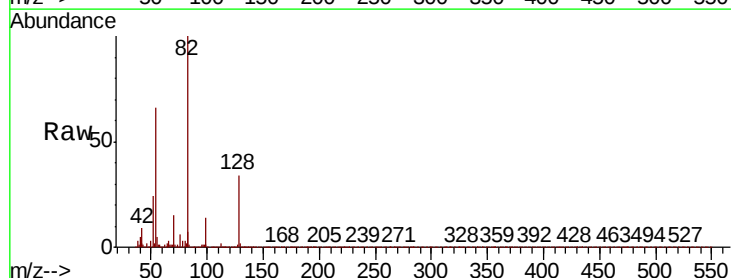
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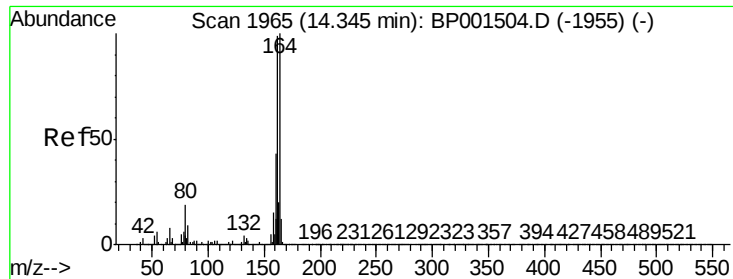
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#23
Nitrobenzene-d5
Concen: 68.623 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.5	26.9	40.3
54	65.5	51.8	77.8





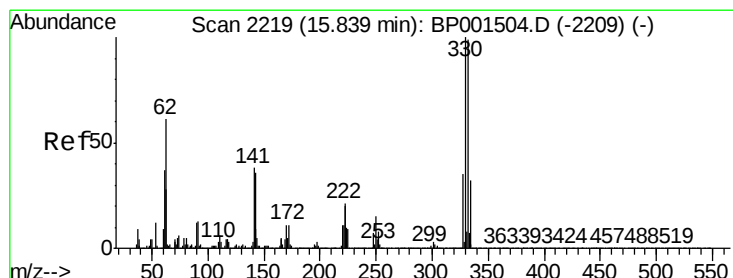
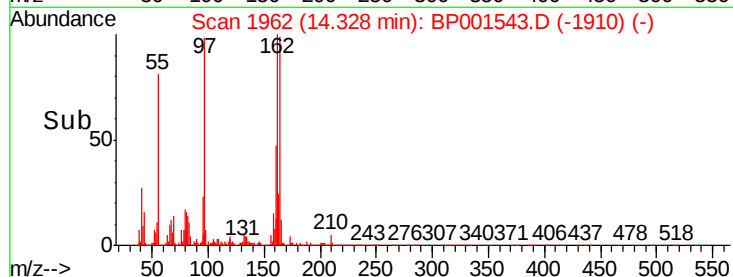
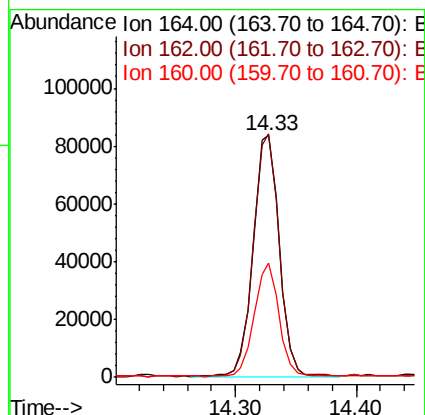
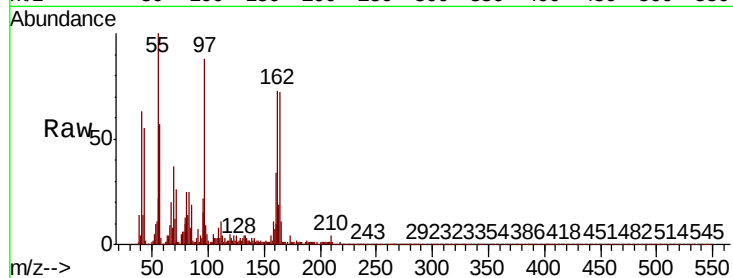
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.0	118.4
160	47.3	34.1	51.1

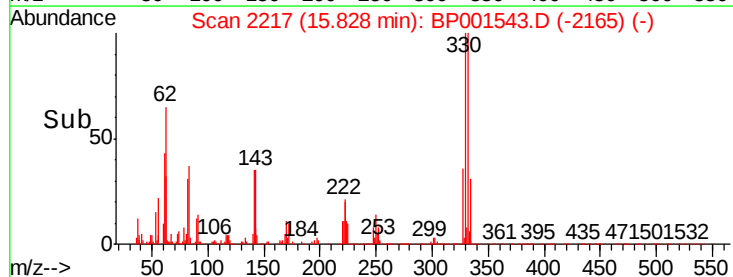
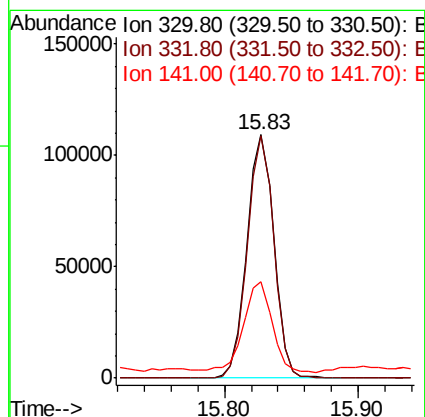
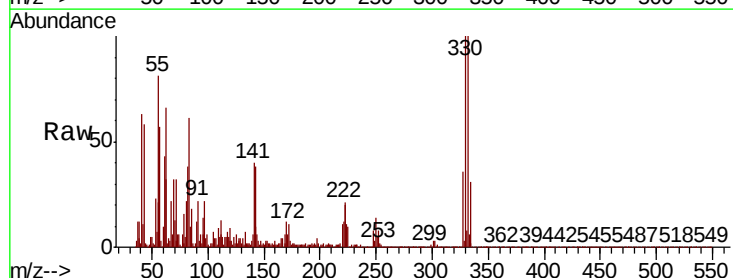
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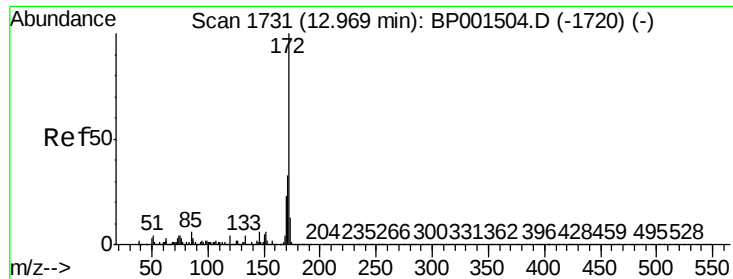
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#42
2,4,6-Tribromophenol
Concen: 107.182 ng
RT: 15.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	40.0	28.7	43.1





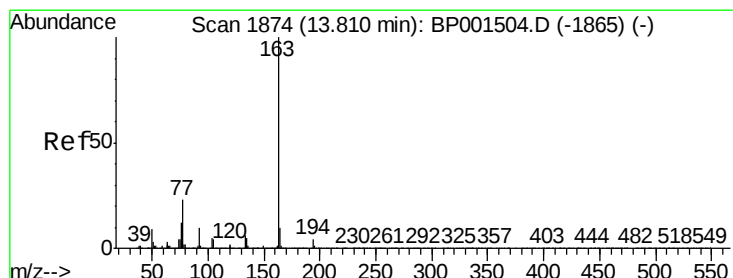
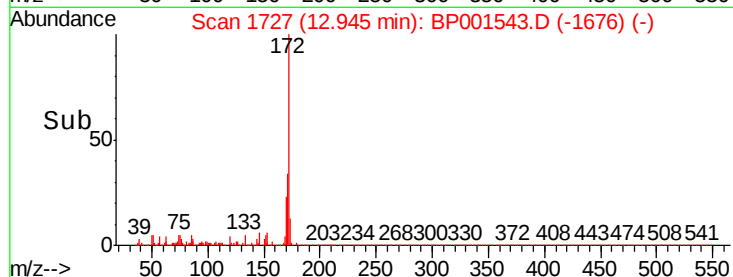
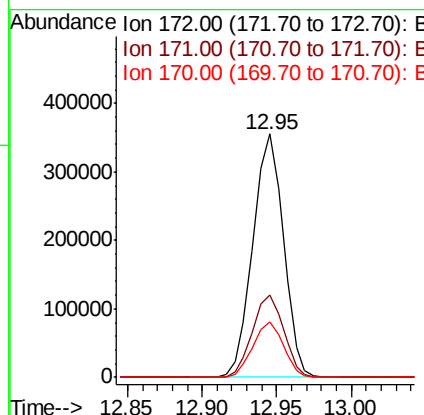
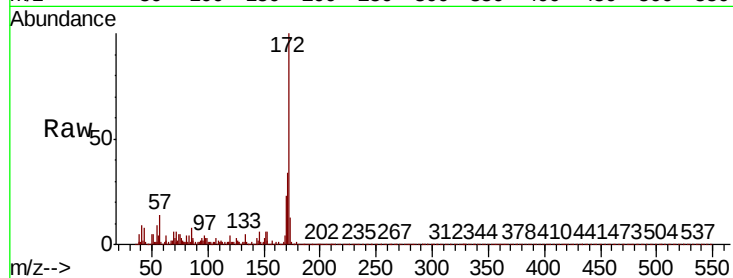
#45
2-Fluorobiphenyl
Concen: 58.910 ng
RT: 12.95 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.0	42.0
170	22.6	18.6	27.8

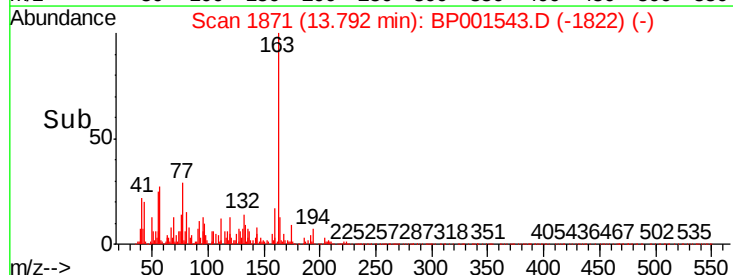
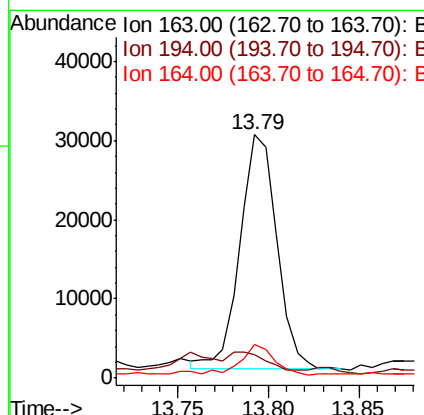
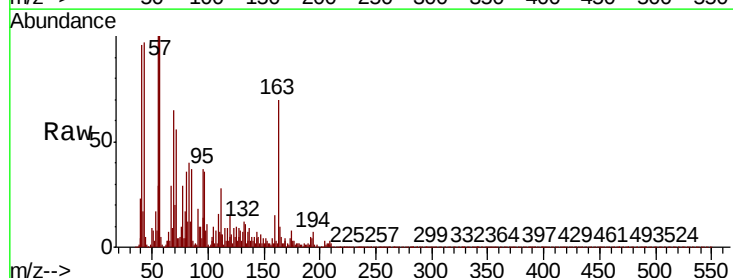
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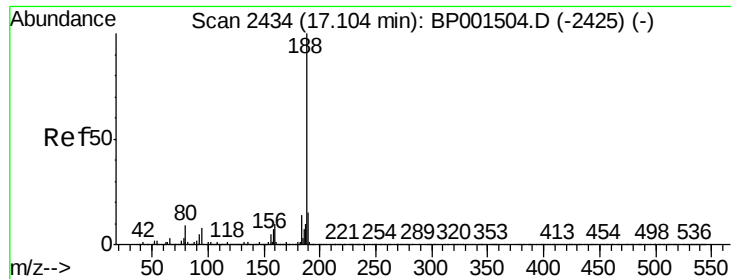
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#50
Dimethylphthalate
Concen: 4.234 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.9	3.5	5.3#
164	13.7	7.9	11.9#





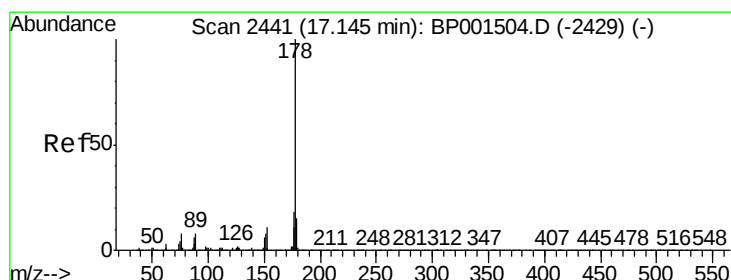
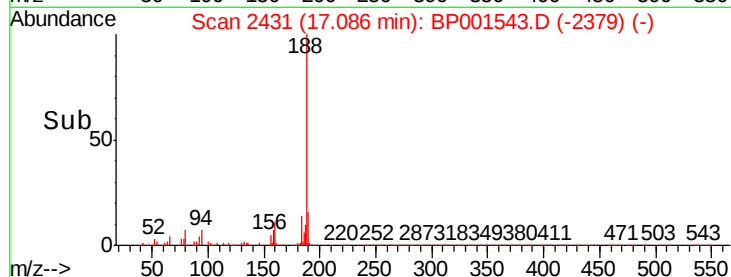
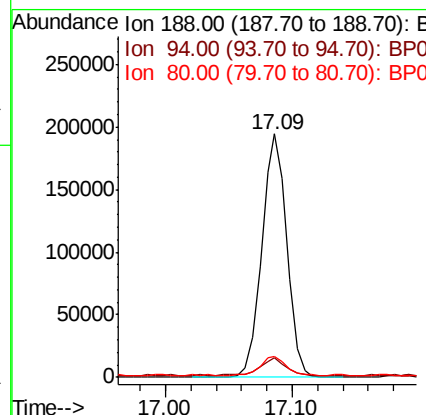
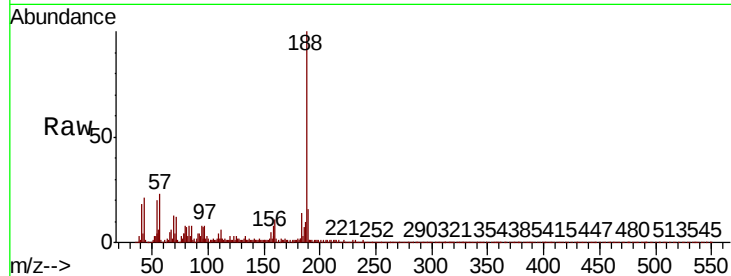
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		267155		
94	7.9	5.4	8.0		
80	8.4	6.3	9.5		

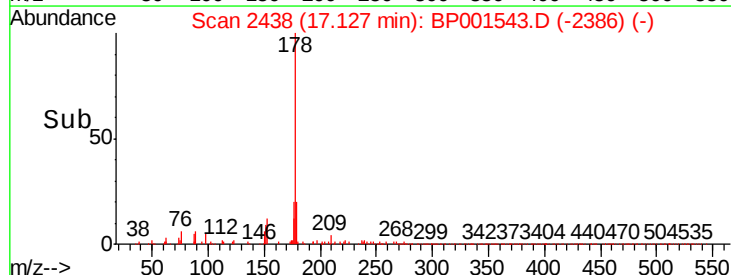
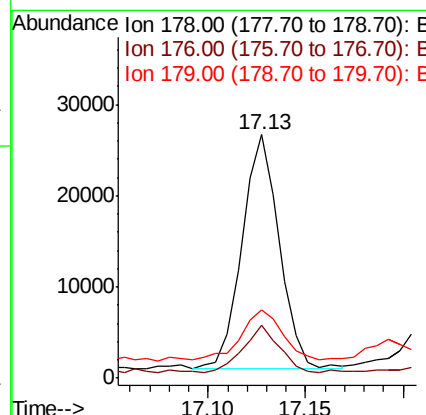
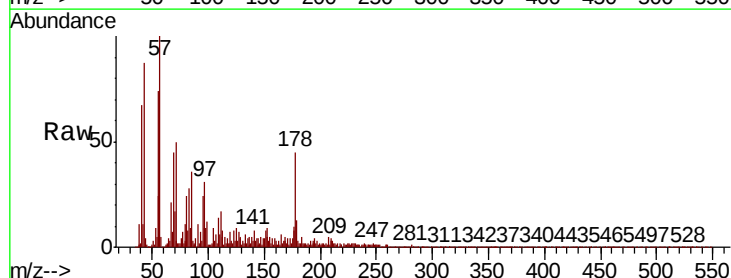
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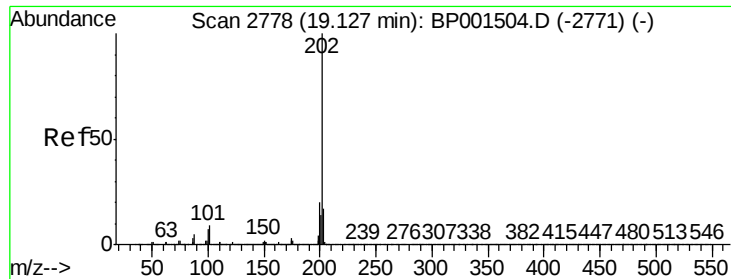
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#71
Phenanthrene
Concen: 2.354 ng
RT: 17.13 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		34108		
176	21.9	15.1	22.7		
179	27.9	12.2	18.4#		





#75

Fluoranthene

Concen: 7.016 ng

RT: 19.11 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BP001543.D

Acq: 06 Jan 2020 22:42

Instrument :

BNA_P

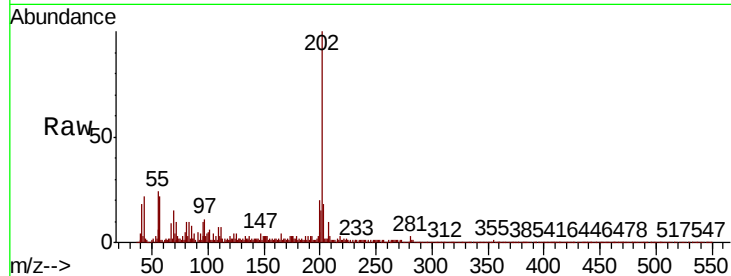
ClientSampleId :

GP-5C-(5-6)

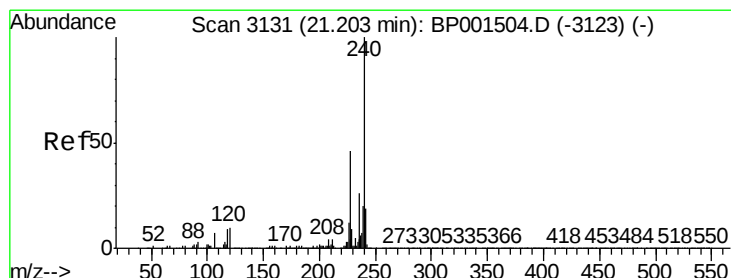
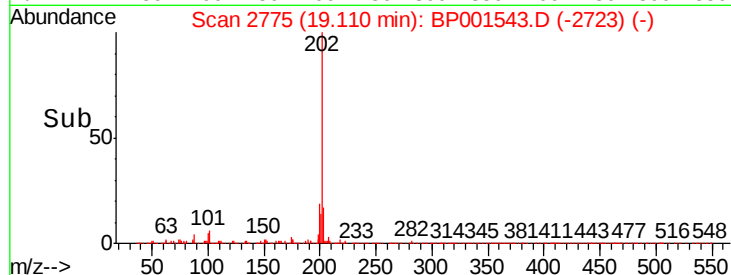
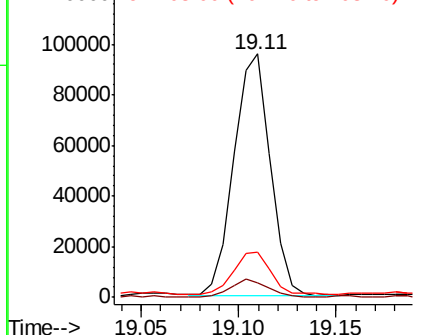
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.3	0.0	27.1		
203	18.5	0.0	37.6		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

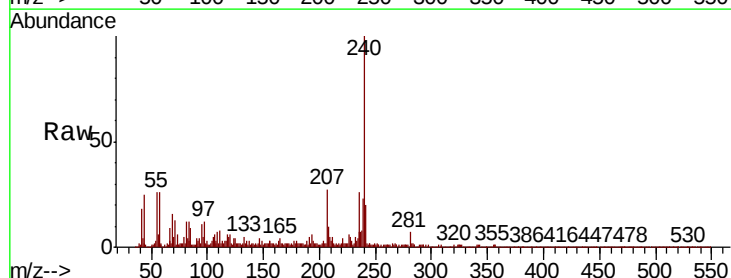
RT: 21.19 min Scan# 3128

Delta R.T. 0.01 min

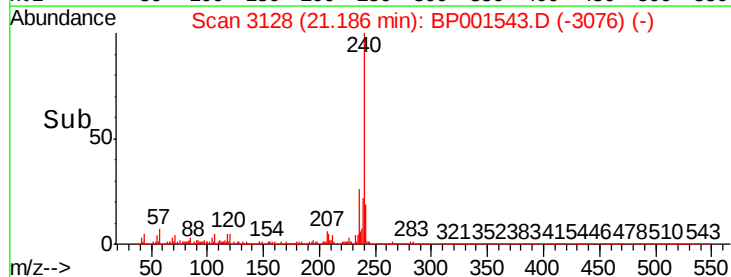
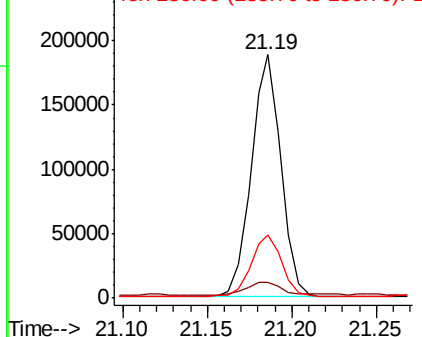
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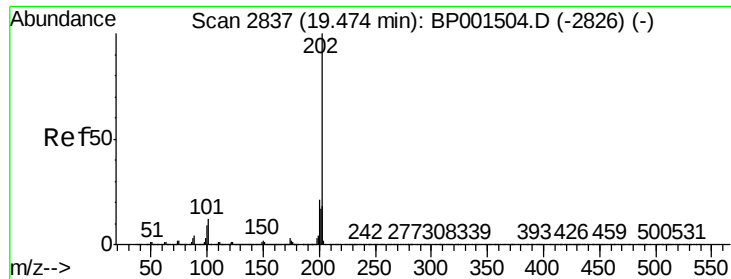
Acq: 06 Jan 2020 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	6.3	5.2	7.8		
236	26.0	21.4	32.2		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





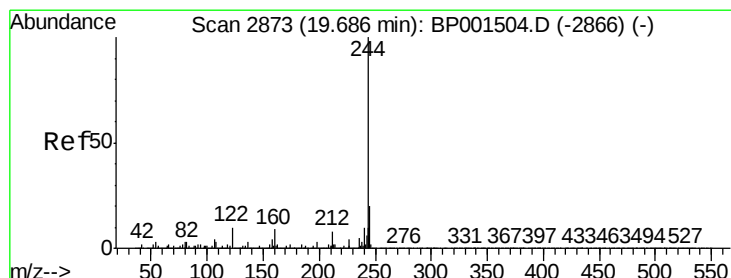
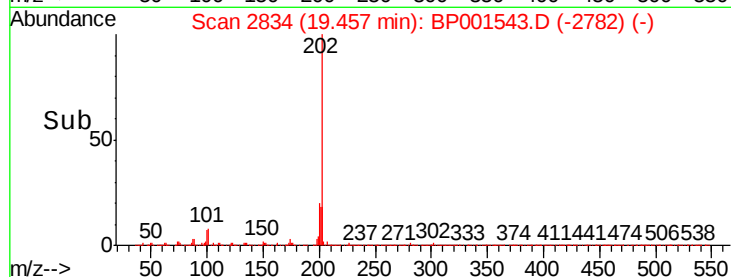
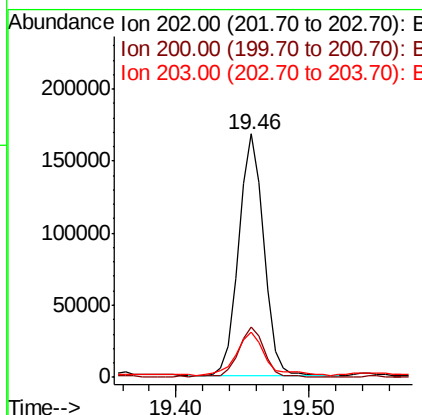
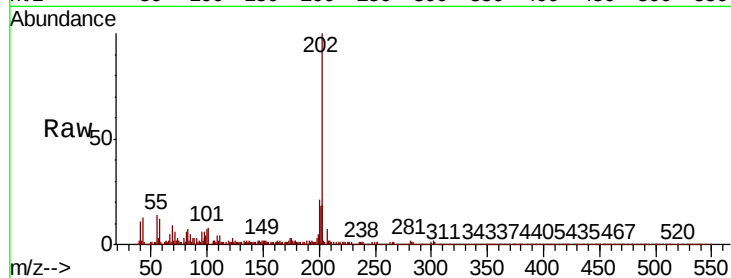
#78
Pvrene
Concen: 13.203 ng
RT: 19.46 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion:	202	Resp:	217447
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.2	24.4
203	18.8	13.6	20.4

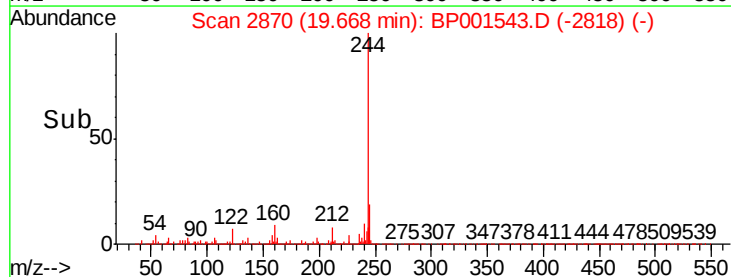
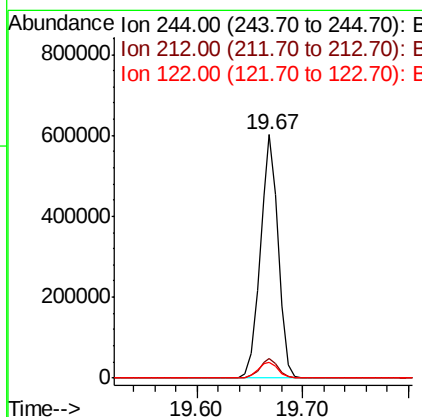
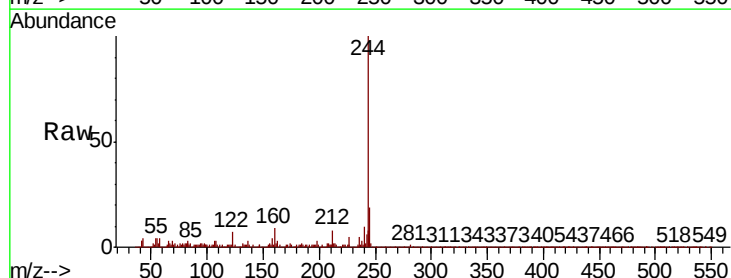
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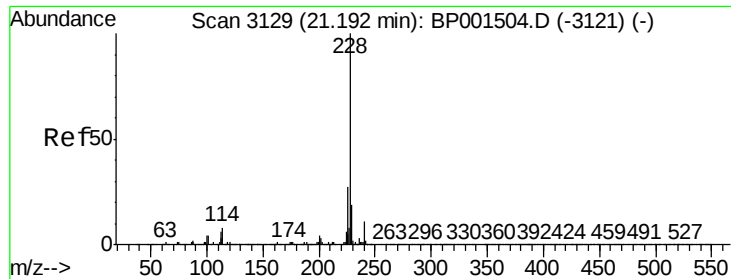
mohammad
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#79
Terphenyl-d14
Concen: 62.250 ng
RT: 19.67 min Scan# 2870
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:	244	Resp:	708927
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.7	10.1
122	6.7	6.0	9.0





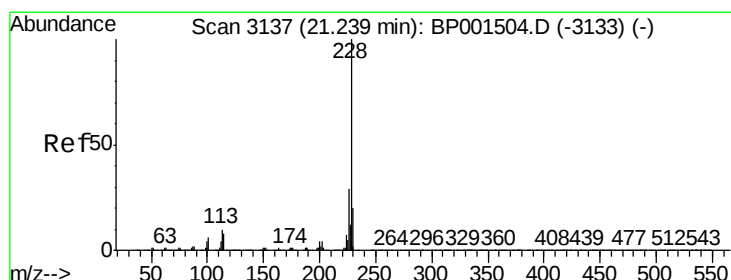
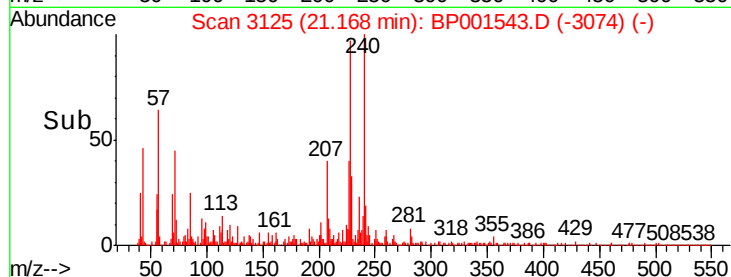
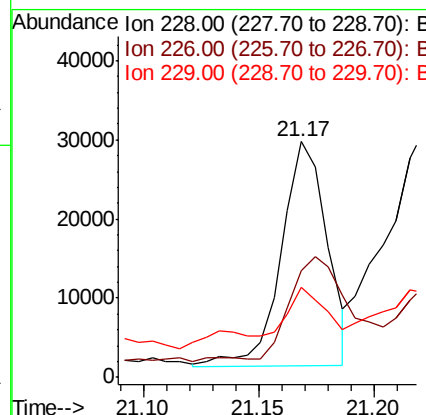
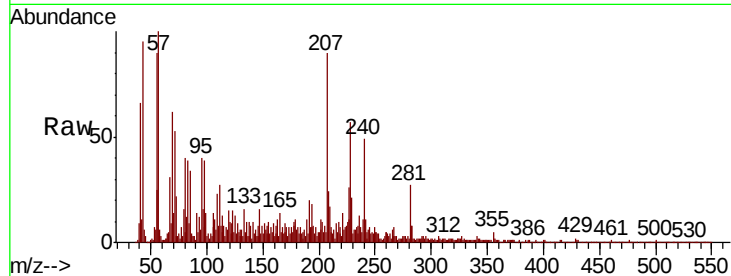
#81
Benzo(a)anthracene
Concen: 2.460 ng
RT: 21.17 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.2	21.4	32.2#
229	38.0	15.5	23.3#

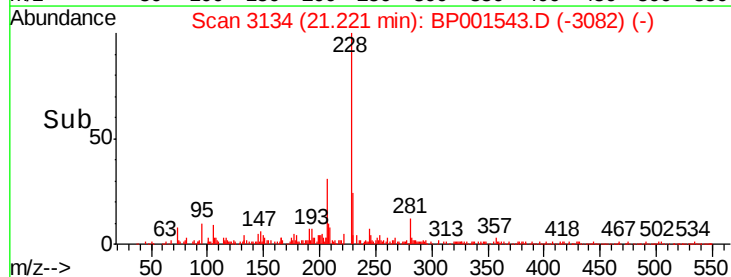
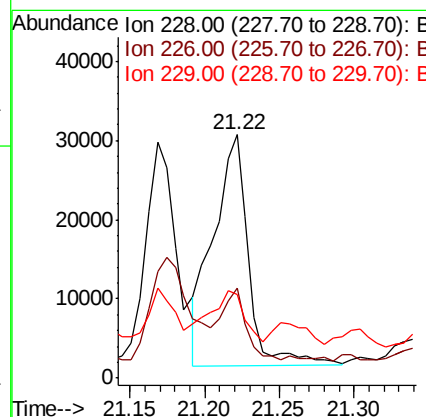
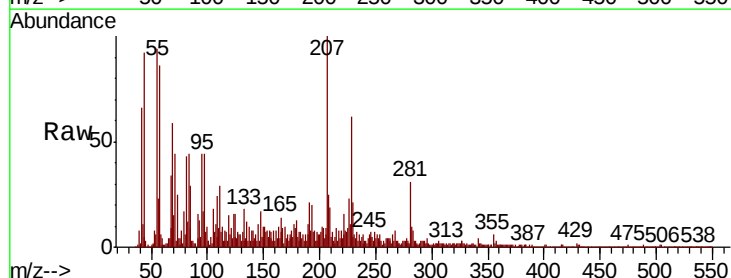
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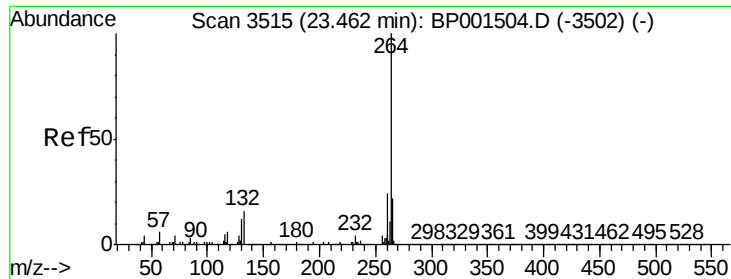
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#83
Chrysene
Concen: 3.149 ng
RT: 21.22 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.9	23.1	34.7#
229	34.4	15.6	23.4#





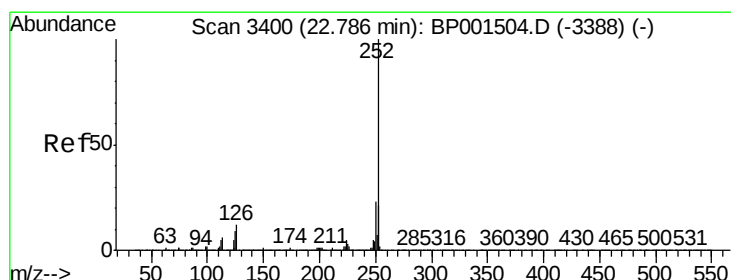
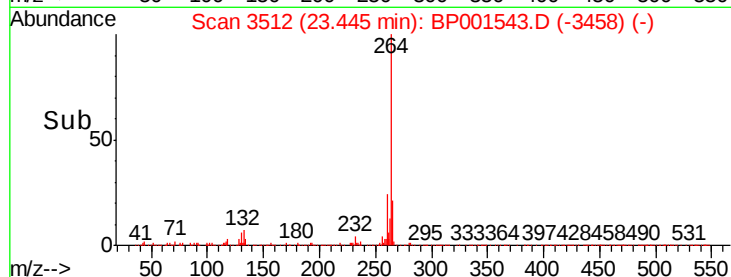
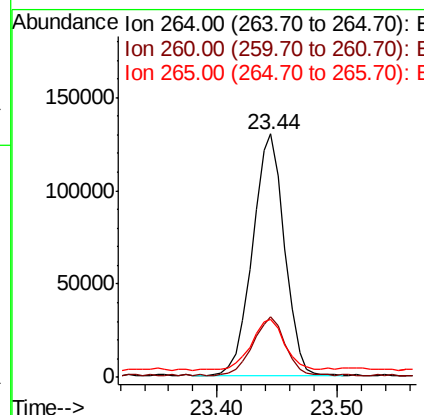
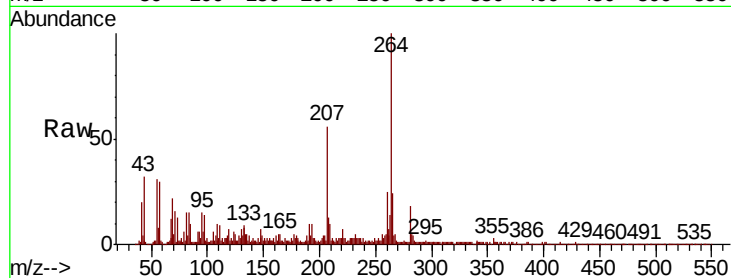
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3512
Delta R.T. 0.02 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	23.6	19.0	28.4

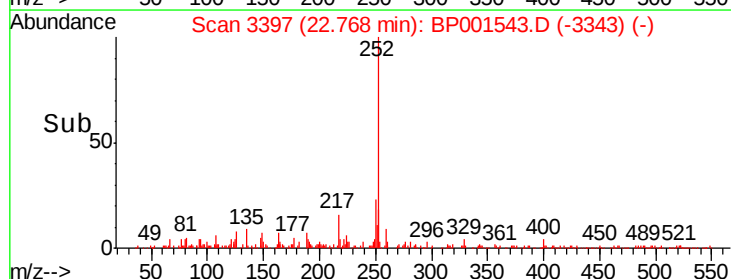
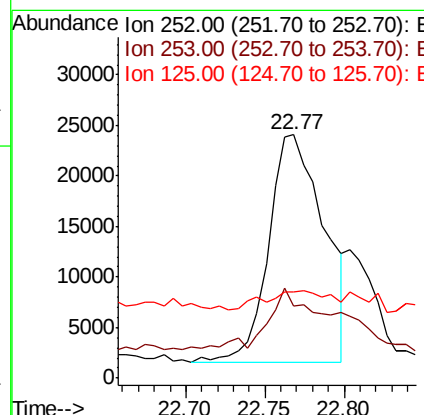
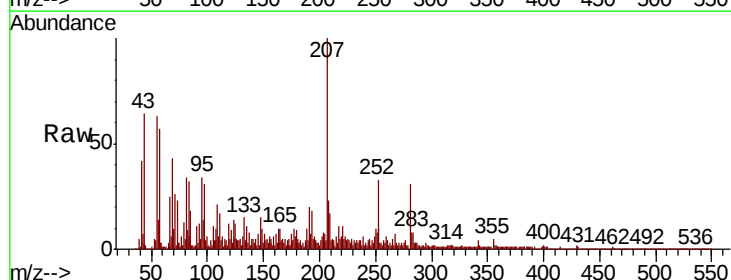
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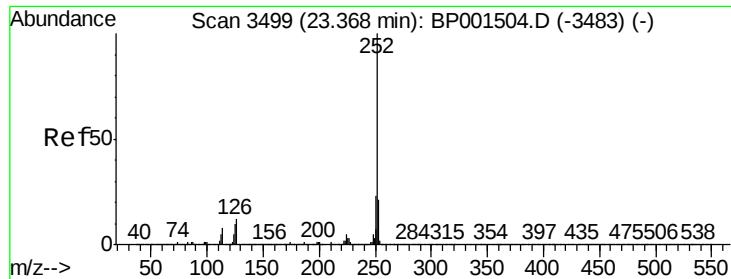
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#88
Benzo(b)fluoranthene
Concen: 3.723 ng m
RT: 22.77 min Scan# 3397
Delta R.T. 0.02 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	16.7	25.1#
125	35.6	4.2	6.2#





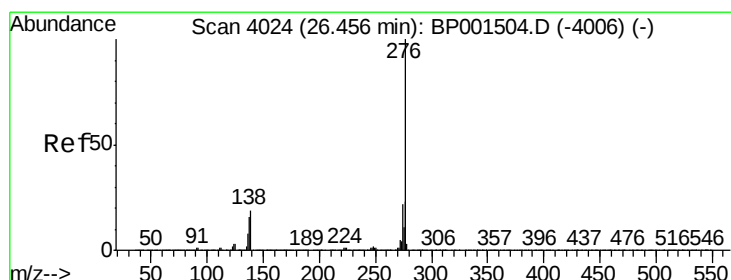
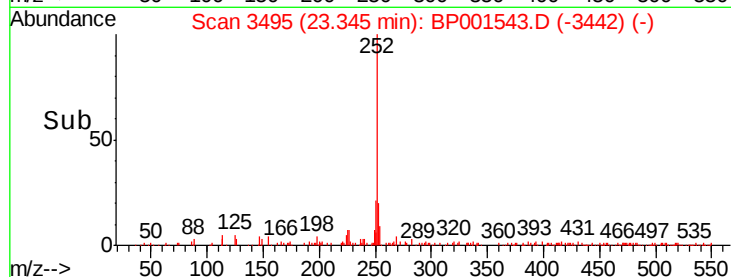
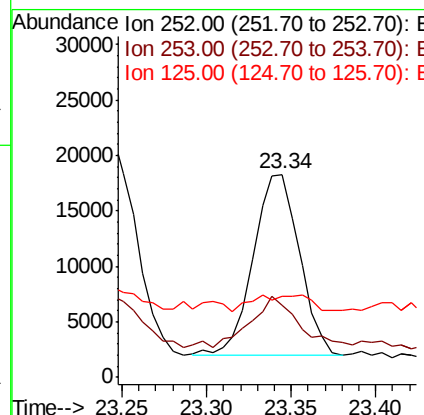
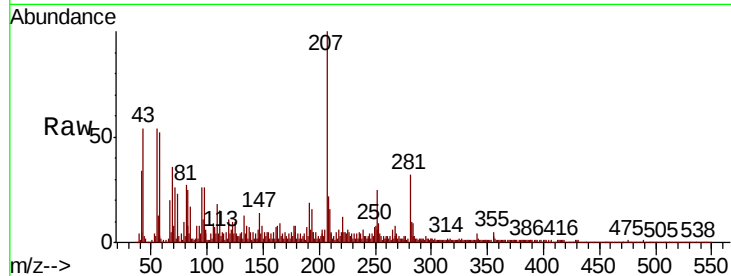
#90
Benzo(a)pyrene
Concen: 2.255 ng
RT: 23.34 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.6	17.8	26.8#
125	39.8	4.6	6.8#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.882 ng
RT: 26.42 min Scan# 4018
Delta R.T. 0.02 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.9	28.3
138	16.3	10.1	15.1#

