

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001243.D
 Acq On : 06 Dec 2019 21:51
 Operator : JU
 Sample : K6135-06 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-36

Manual Integrations
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Quant Time: Dec 07 02:57:14 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	8.31	152	81080	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	300819	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	172235	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	319945	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	250201	20.00	ng	-0.01
87) Perylene-d12	21.02	264	257118	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	262320	53.68	ng	0.00
7) Phenol-d6	7.76	99	366988	56.37	ng	0.00
23) Nitrobenzene-d5	9.19	82	246222	35.51	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	93063	56.37	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	434671	36.94	ng	-0.01
79) Terphenyl-d14	17.88	244	493644	36.50	ng	-0.01
Target Compounds						
10) Phenol	7.77	94	18912	2.554	ng	Qvalue # 81
50) Dimethylphthalate	12.79	163	49020	3.805	ng	99
71) Phenanthrene	15.63	178	207698	12.348	ng	99
72) Anthracene	15.71	178	56832	3.428	ng	98
75) Fluoranthene	17.35	202	315139	17.697	ng	99
78) Pyrene	17.65	202	267149	13.556	ng	98
81) Benzo(a)anthracene	19.23	228	133591	7.701	ng	96
83) Chrysene	19.27	228	113746m	7.322	ng	
86) Indeno(1,2,3-cd)pyrene	22.65	276	58106	3.174	ng	96
88) Benzo(b)fluoranthene	20.53	252	148539m	9.458	ng	
89) Benzo(k)fluoranthene	20.56	252	42015m	2.778	ng	
90) Benzo(a)pyrene	20.94	252	101254	7.000	ng	# 93
92) Benzo(a,h,i)perylene	23.14	276	55146	3.945	ng	94

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

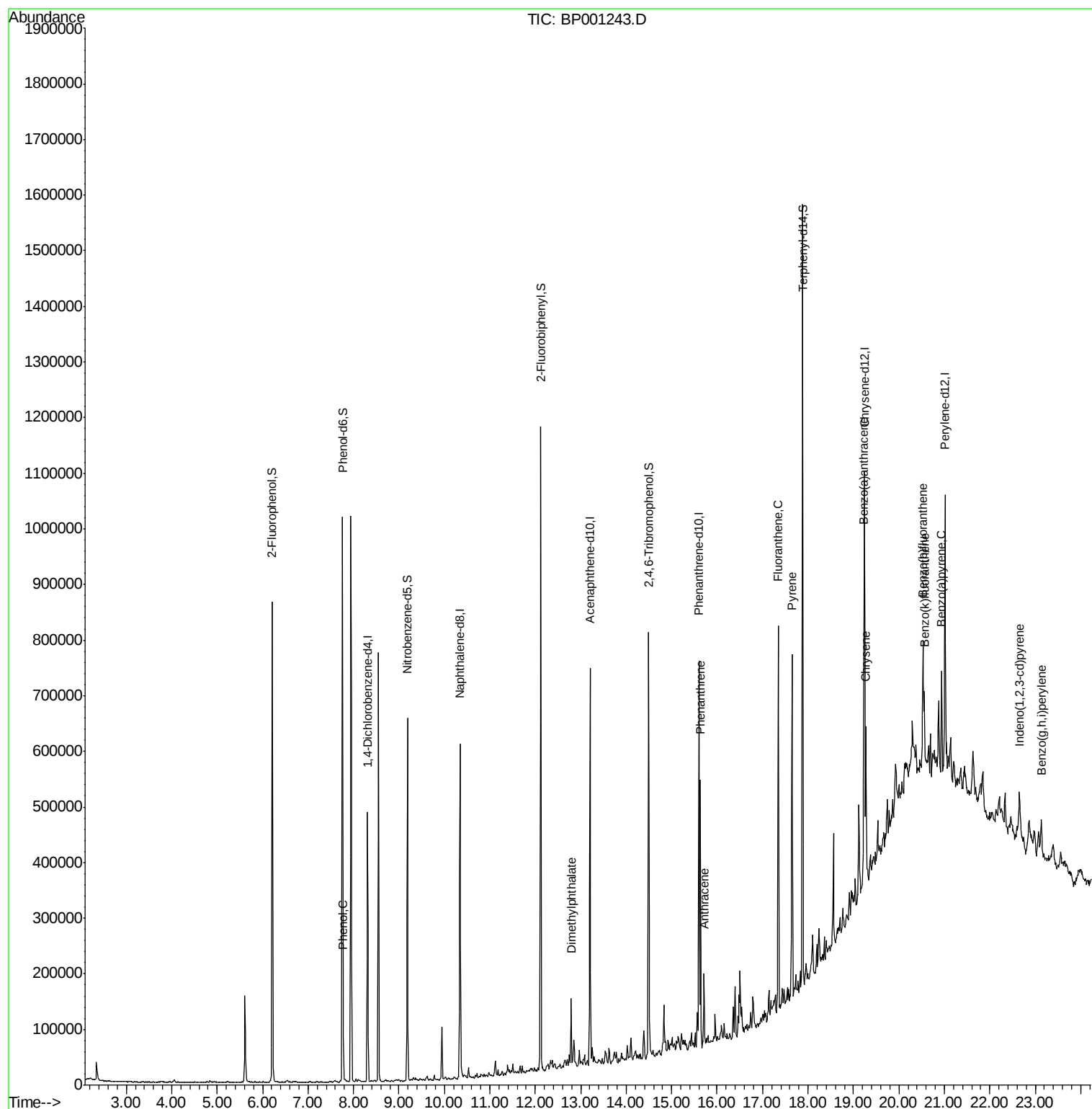
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001243.D
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Operator : JU
Sample : K6135-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

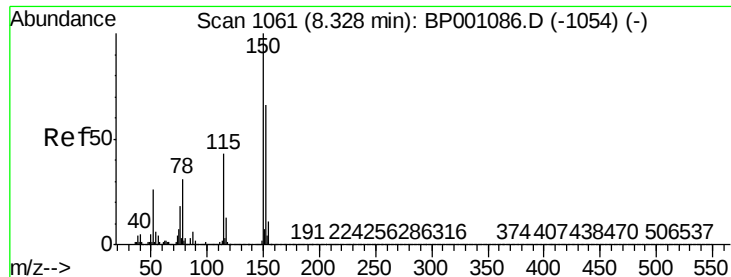
Instrument :
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COMP-36

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Instrument :

BNA_P

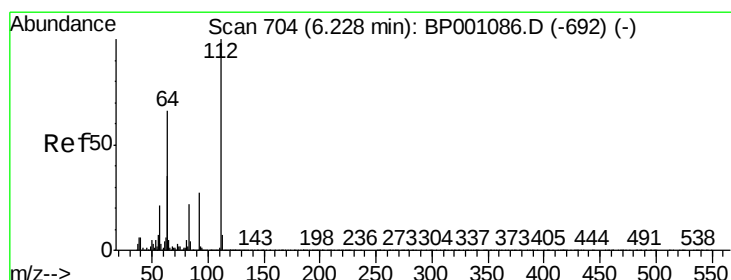
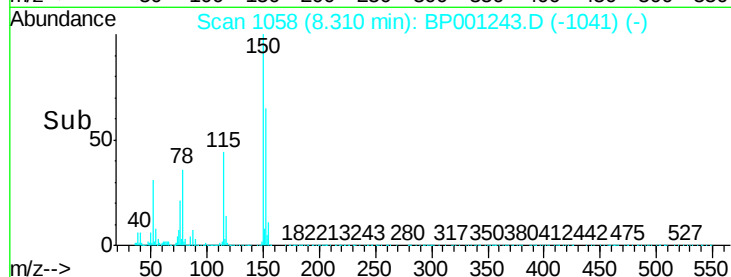
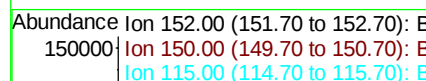
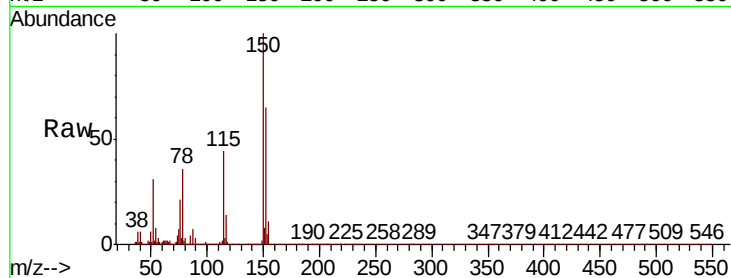
ClientSampled :

COMP-36

Tot Ion:	152	Resp:	81080
Ion Ratio	Lower	Upper	
152	100		
150	153.6	127.3	190.9
115	67.7	56.0	84.0

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#5

2-Fluorophenol

Concen: 53.677 ng

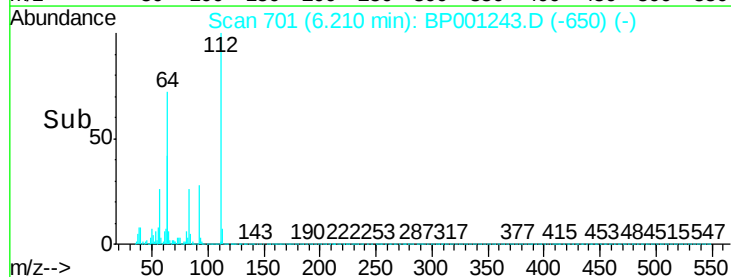
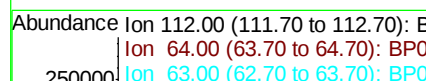
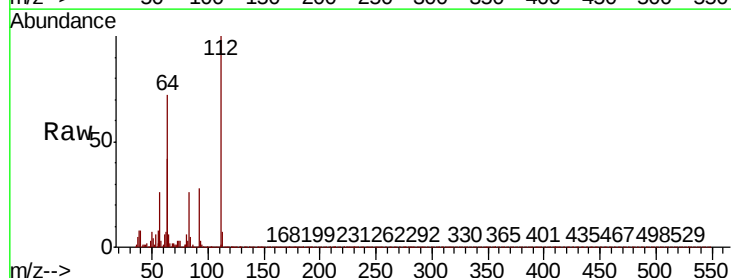
RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Tgt Ion:	112	Resp:	262320
Ion Ratio	Lower	Upper	
112	100		
64	71.6	56.8	85.2
63	42.4	32.2	48.2





#7

Phenol-d6

Concen: 56.367 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Instrument :

BNA_P

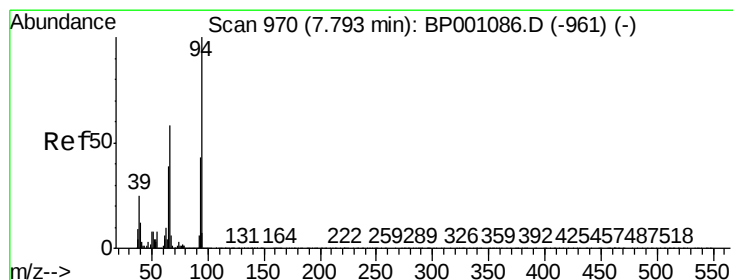
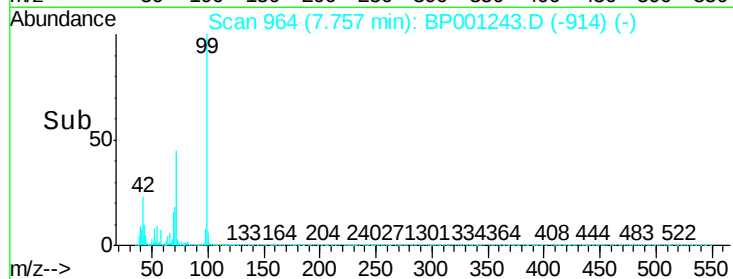
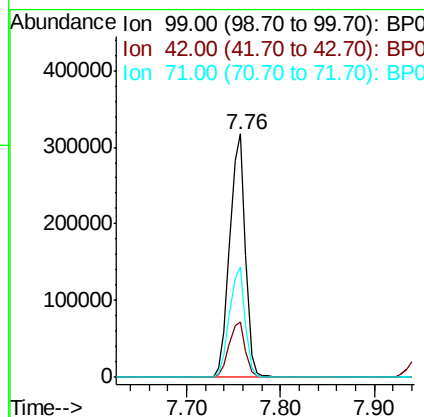
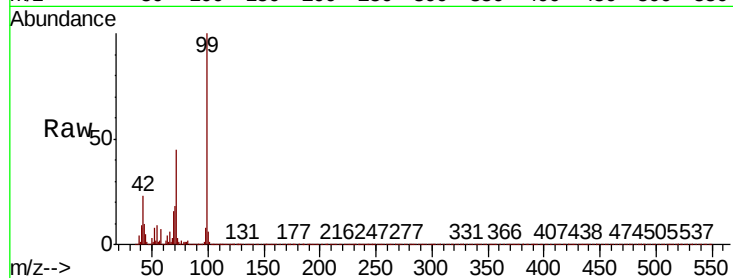
ClientSampleId :

COMP-36

Tot Ion:	99	Resp:	366988
Ion Ratio	Lower	Upper	
99	100		
42	22.5	17.6	26.4
71	45.4	33.8	50.8

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#10

Phenol

Concen: 2.554 ng

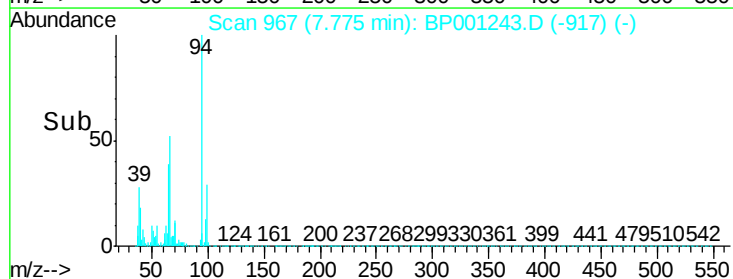
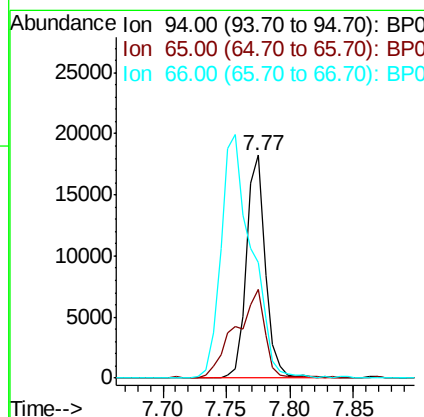
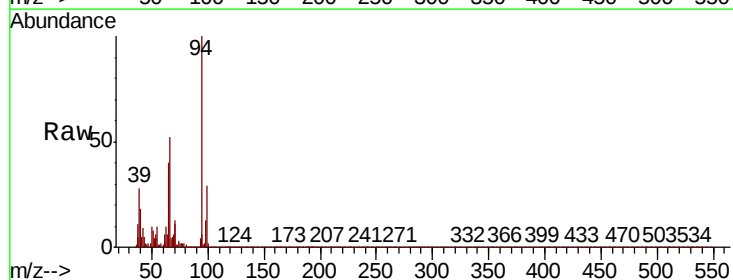
RT: 7.77 min Scan# 967

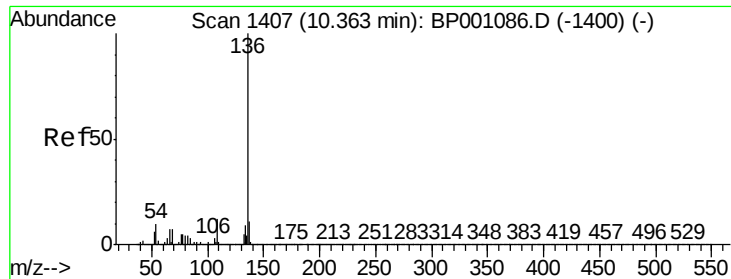
Delta R.T. -0.01 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Tgt Ion:	94	Resp:	18912
Ion Ratio	Lower	Upper	
94	100		
65	39.6	25.6	65.6
66	51.8	52.6	92.6#





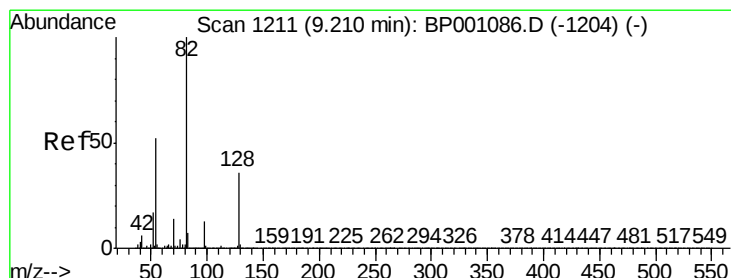
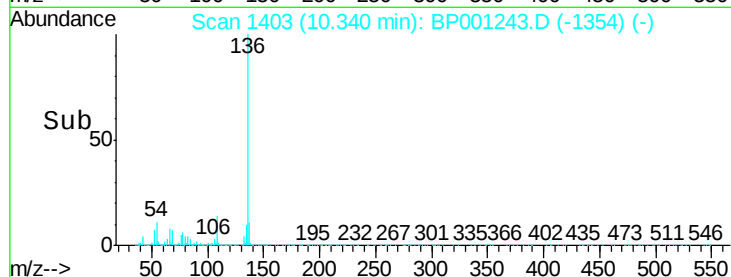
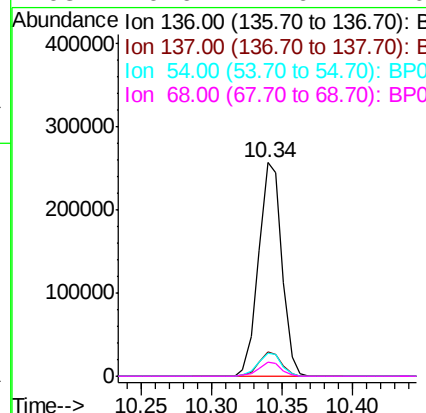
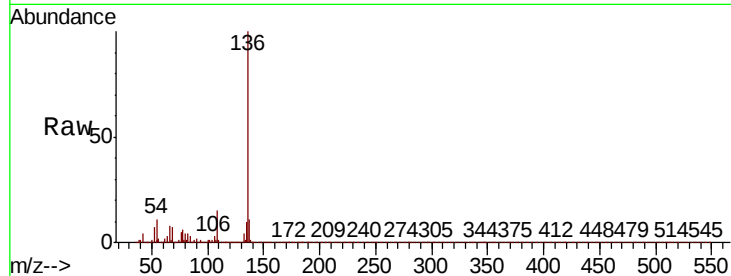
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		300819		
137	11.2	8.4	12.6		
54	10.7	7.4	11.0		
68	6.6	4.6	7.0		

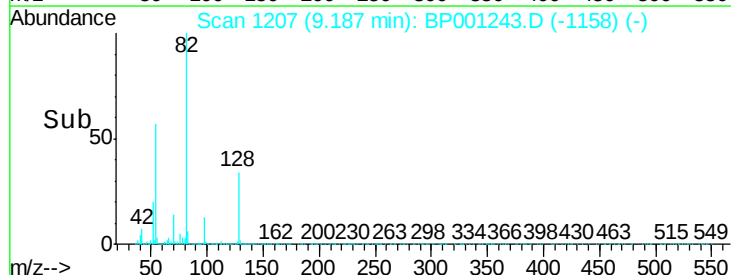
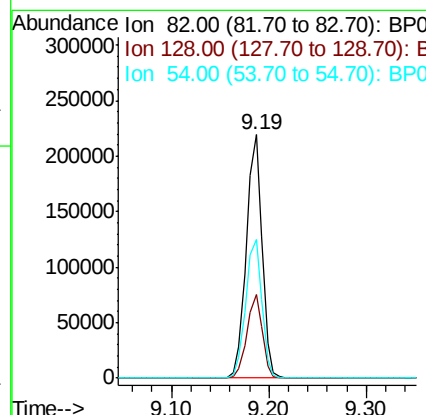
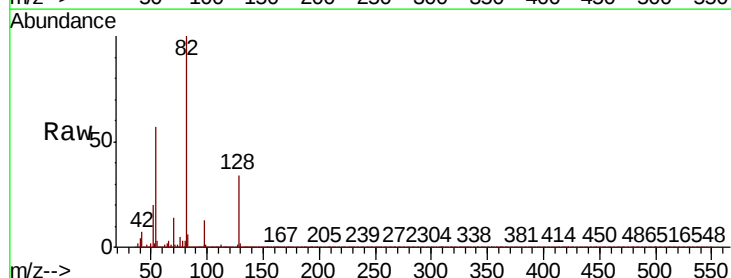
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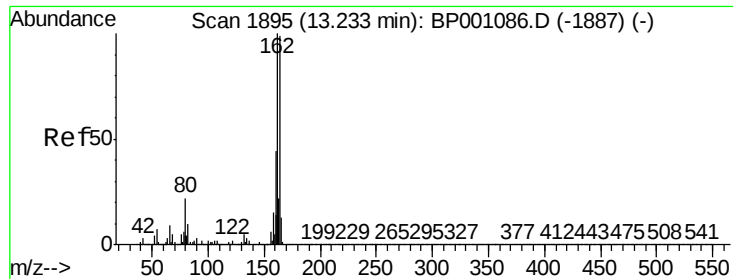
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#23
Nitrobenzene-d5
Concen: 35.512 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		246222		
128	34.1	27.5	41.3		
54	56.8	45.7	68.5		





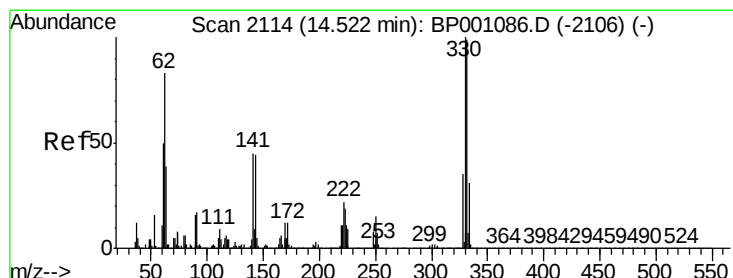
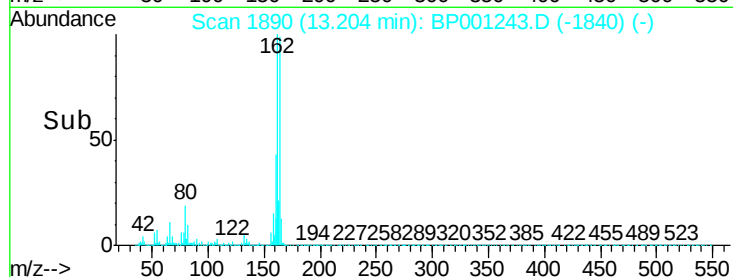
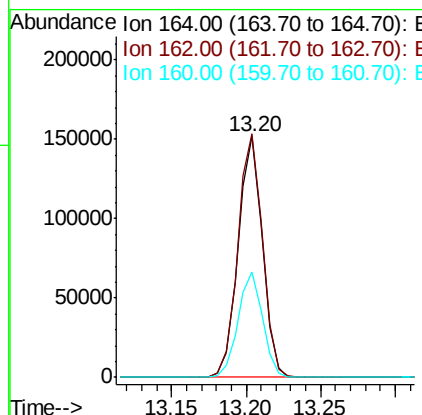
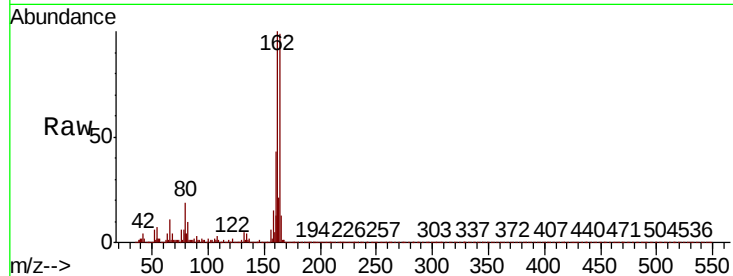
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	43.6	36.3	54.5

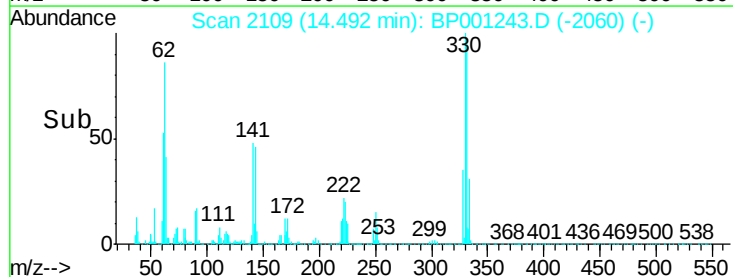
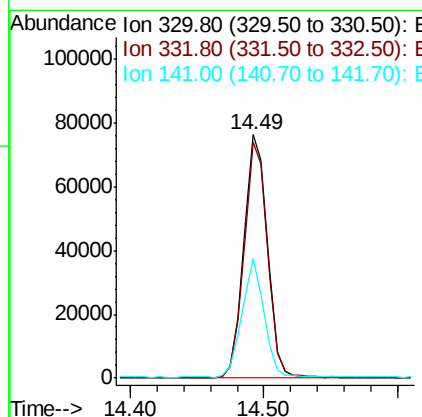
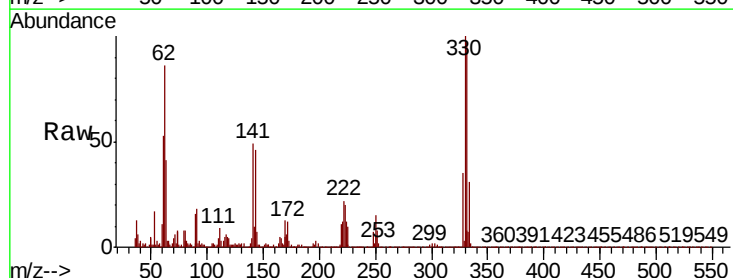
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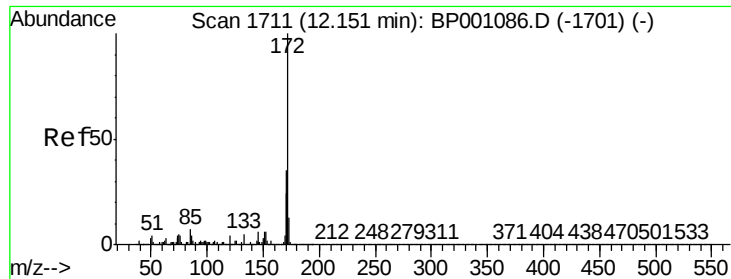
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#42
2,4,6-Tribromophenol
Concen: 56.372 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	45.4	35.9	53.9





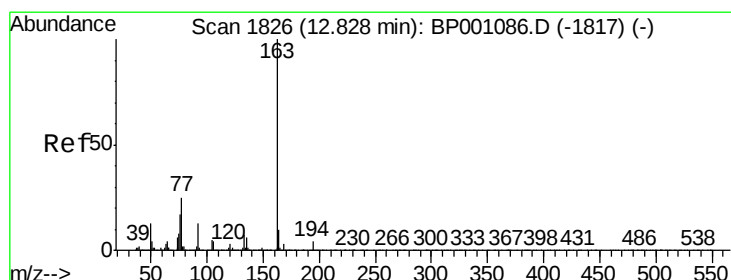
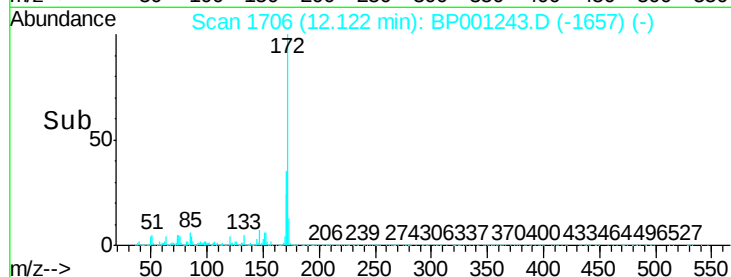
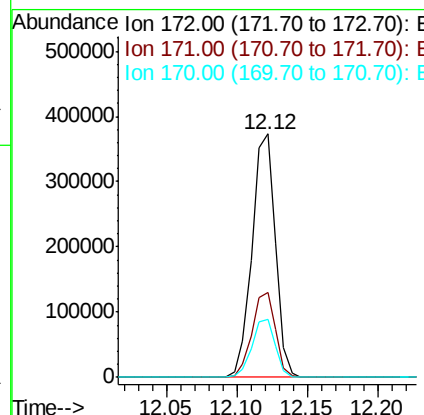
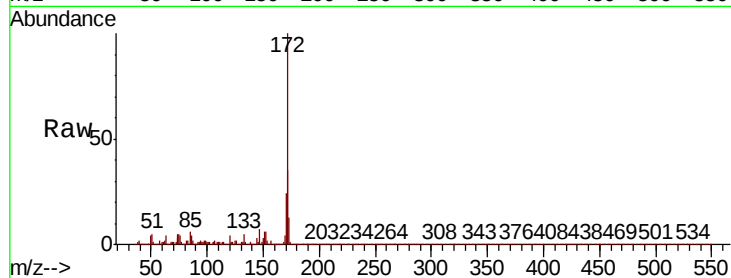
#45
2-Fluorobiphenyl
Concen: 36.936 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion:172	Resp:	434671
Ion Ratio	Lower	Upper
172	100	
171	34.9	28.7 43.1
170	23.6	19.2 28.8

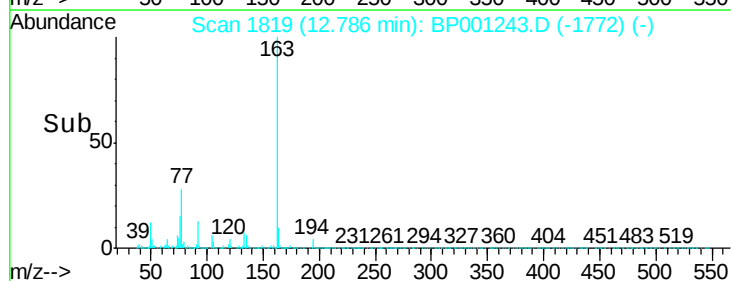
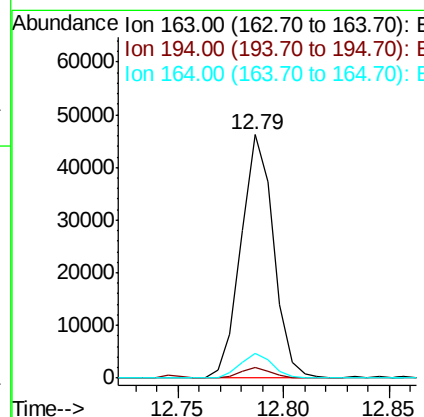
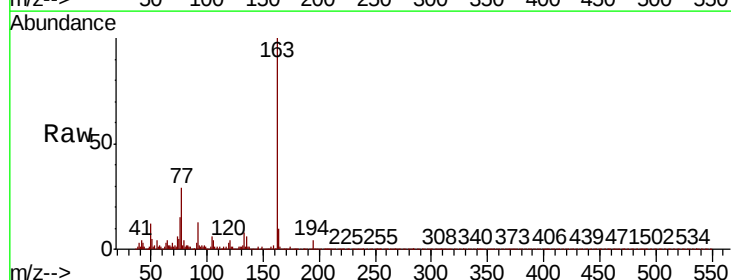
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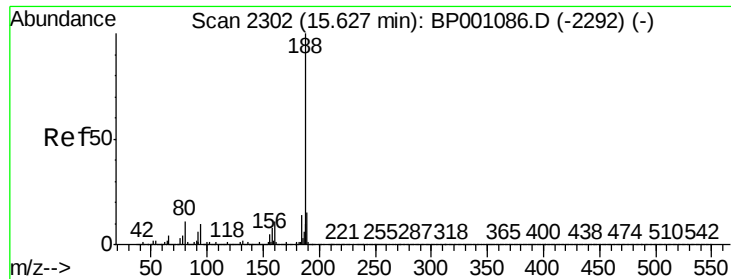
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#50
Dimethylphthalate
Concen: 3.805 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion:163	Resp:	49020
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.1 4.7
164	10.3	8.2 12.4





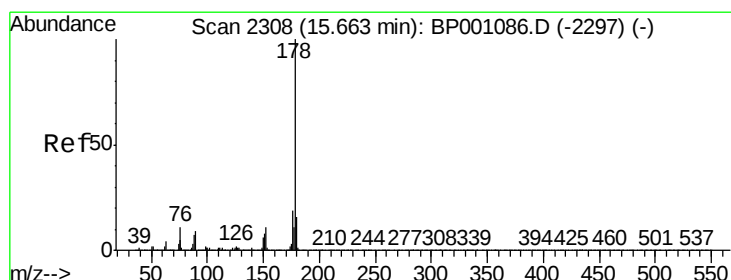
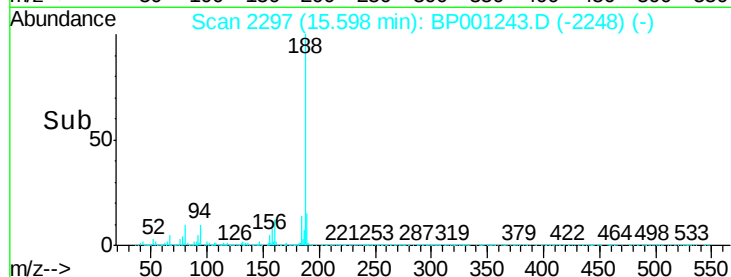
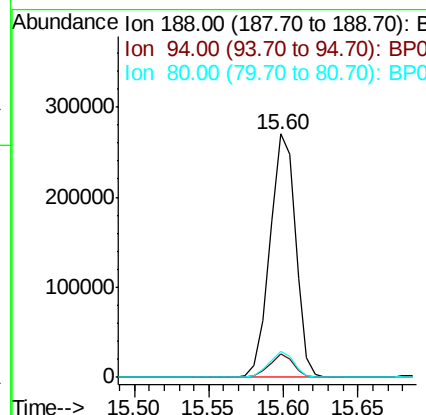
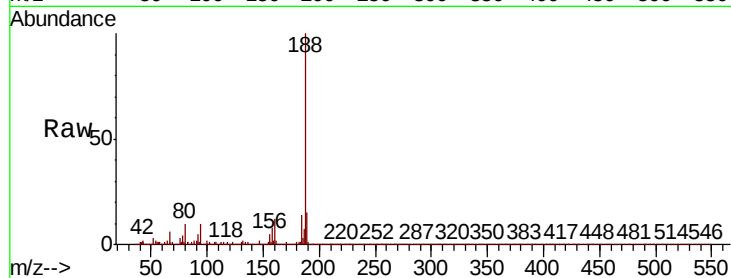
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		319945		
94	9.7		7.1	10.7	
80	10.4		7.8	11.6	

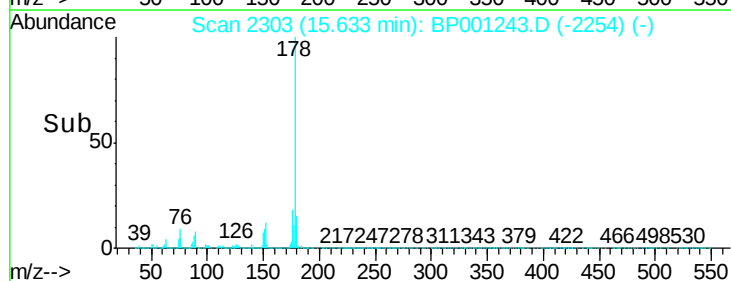
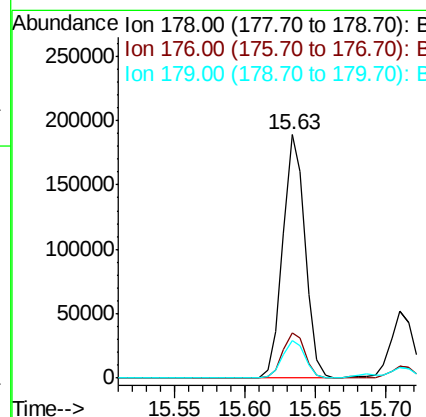
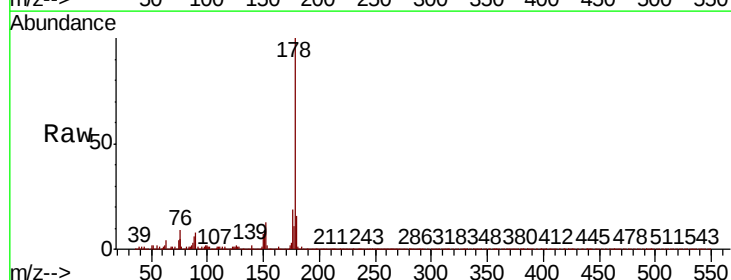
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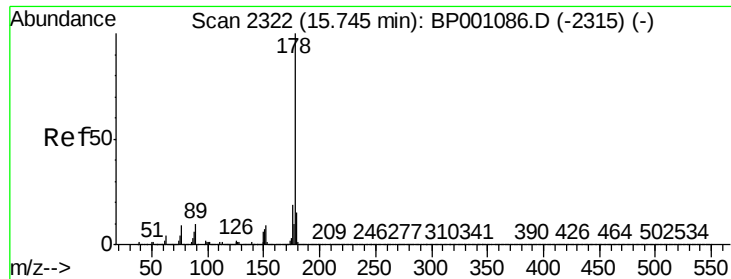
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#71
Phenanthrene
Concen: 12.348 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		207698		
176	18.5		15.7	23.5	
179	15.5		12.4	18.6	





#72

Anthracene

Concen: 3.428 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Instrument :

BNA_P

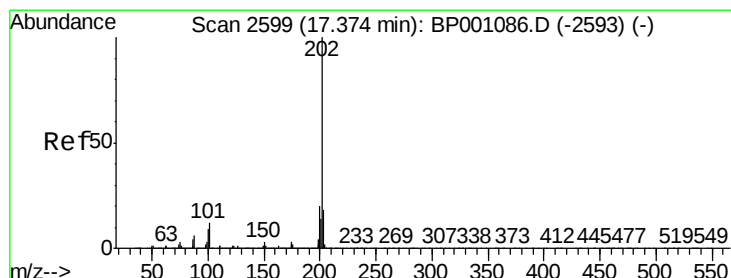
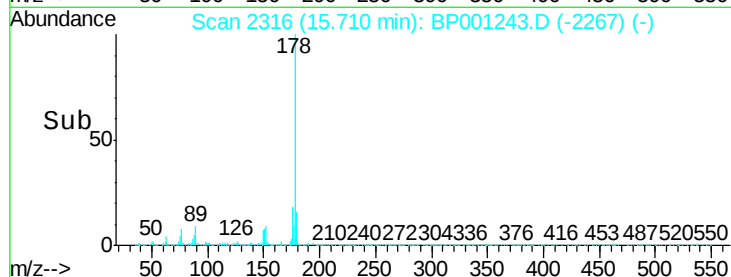
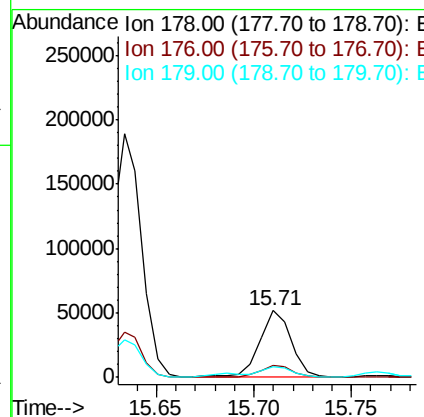
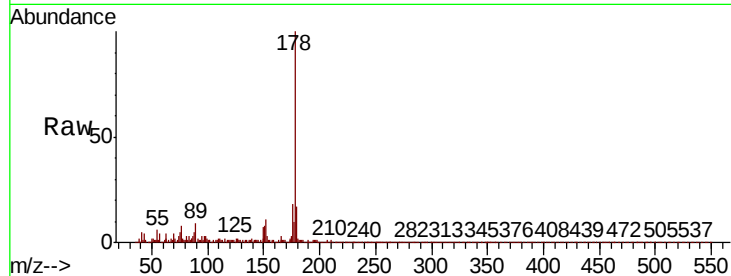
ClientSampled :

COMP-36

Tot Ion:	178	Resp:	56832
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.1	22.7
179	16.9	12.7	19.1

Manual Integrations
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#75

Fluoranthene

Concen: 17.697 ng

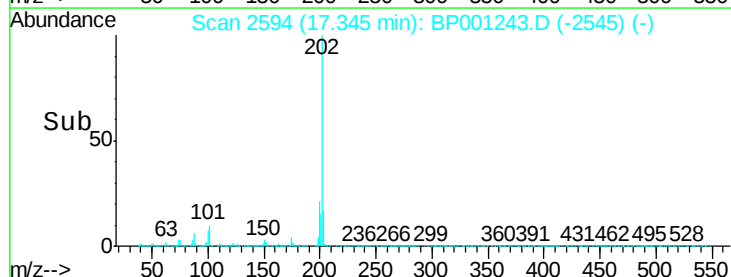
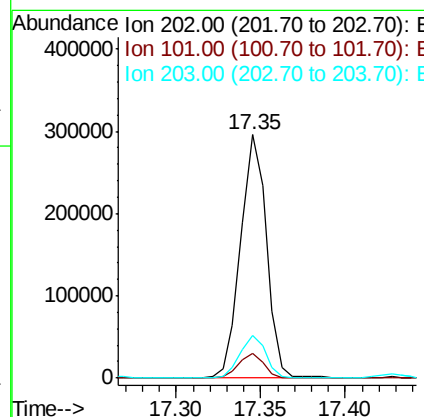
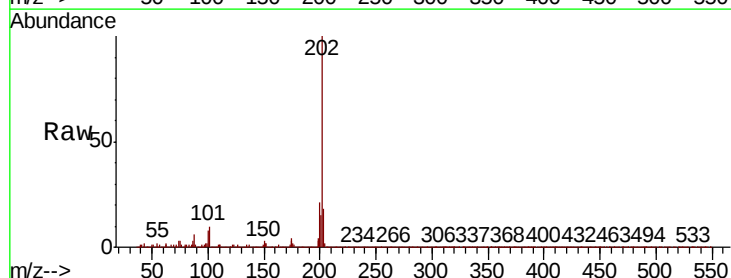
RT: 17.35 min Scan# 2594

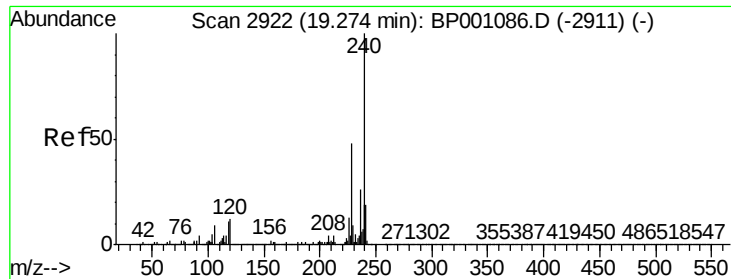
Delta R.T. -0.01 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Tgt Ion:	202	Resp:	315139
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.0
203	17.5	0.0	37.1





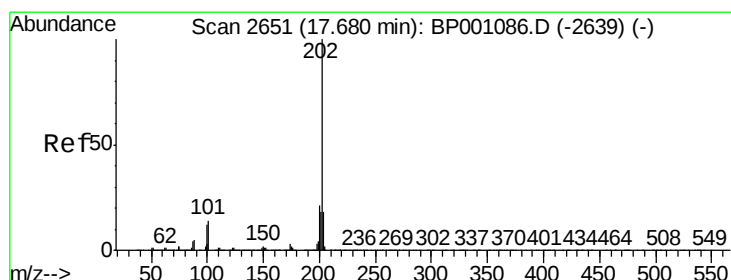
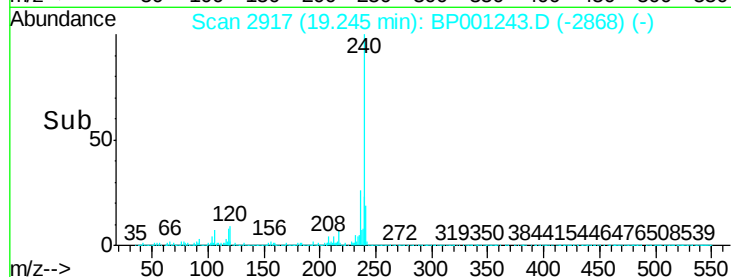
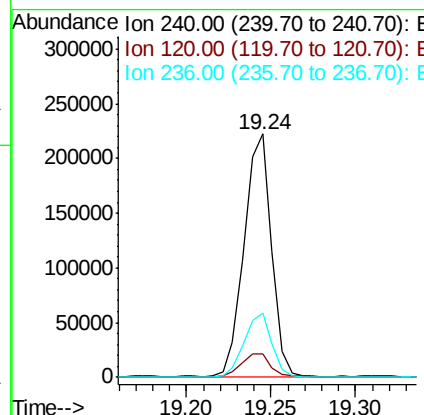
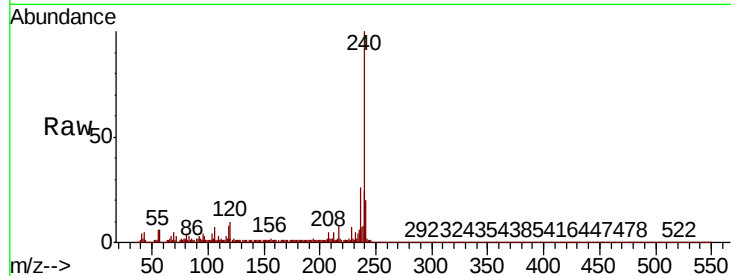
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.7	7.0	10.6
236	26.3	21.7	32.5

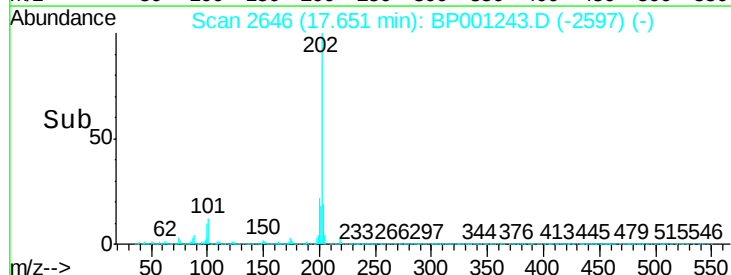
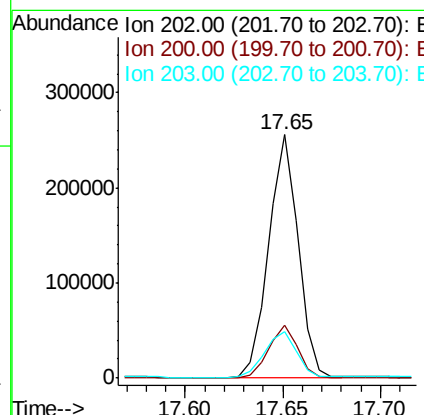
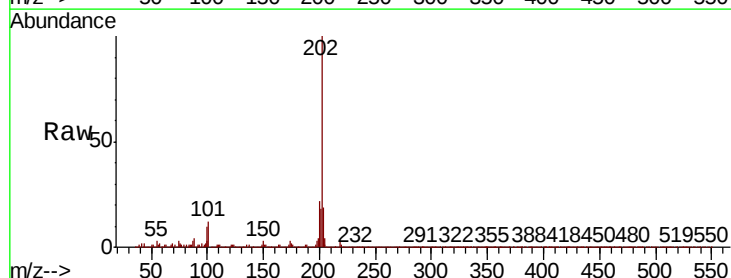
Manual Integrations
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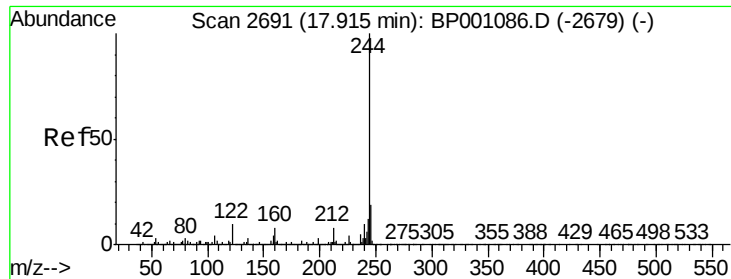
mohammad
12/9/2019 3:11:02 PM



#78
Pyrene
Concen: 13.556 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	17.3	25.9
203	18.9	13.8	20.8





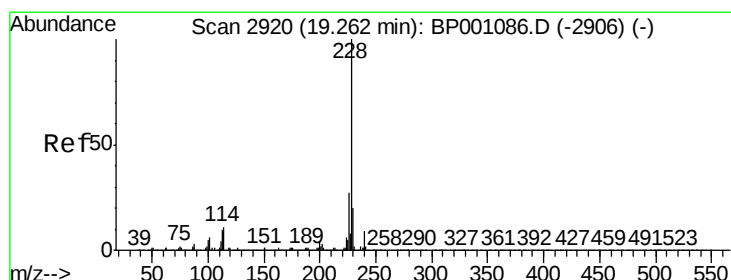
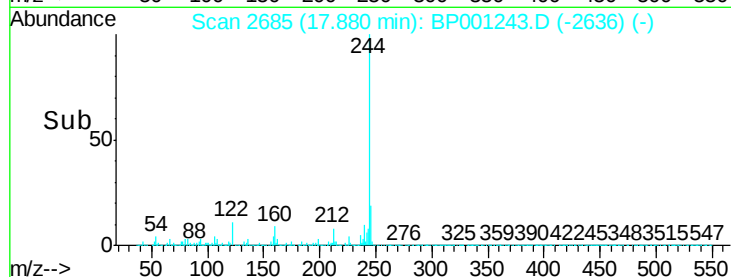
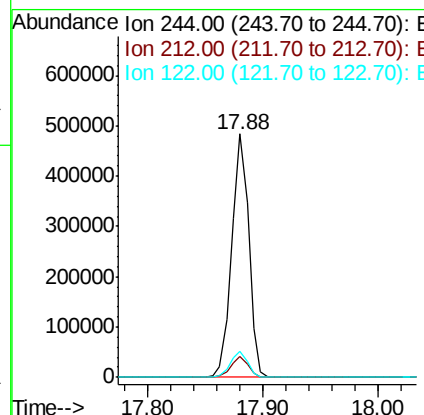
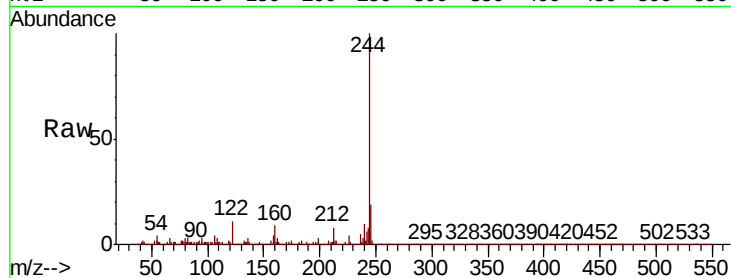
#79
 Terphenyl-d14
 Concen: 36.502 ng
 RT: 17.88 min Scan# 2685
 Delta R.T. -0.01 min
 Lab File: BP001243.D
 Acq: 06 Dec 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 COMP-36

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	10.6	9.2	13.8

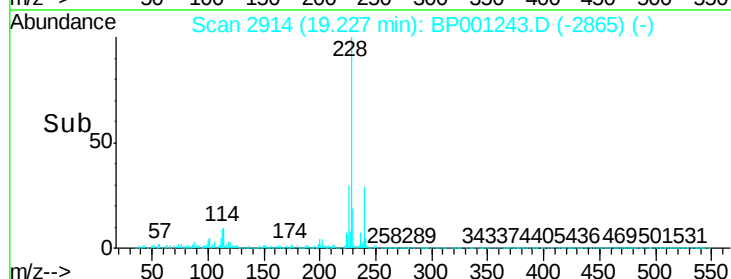
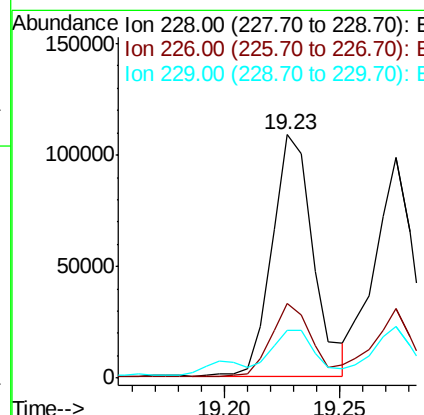
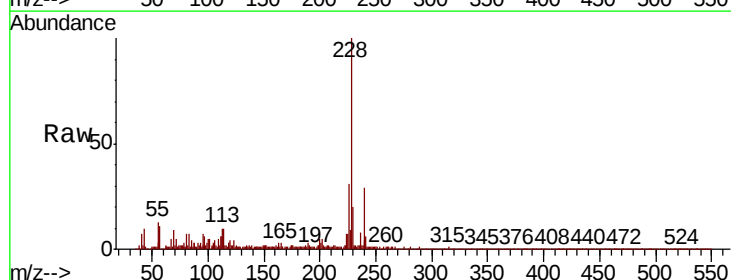
Manual Integrations
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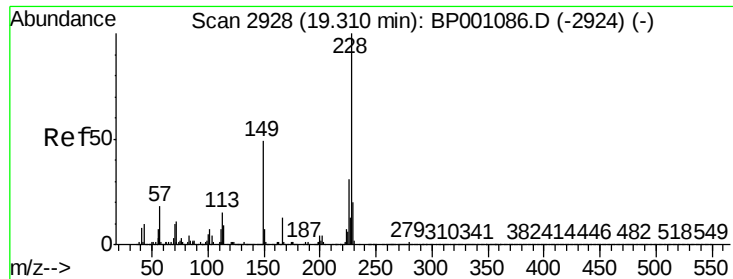
mohammad
 12/9/2019 3:11:02 PM



#81
 Benzo(a)anthracene
 Concen: 7.701 ng
 RT: 19.23 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: BP001243.D
 Acq: 06 Dec 2019 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.7	32.5
229	19.7	15.8	23.6





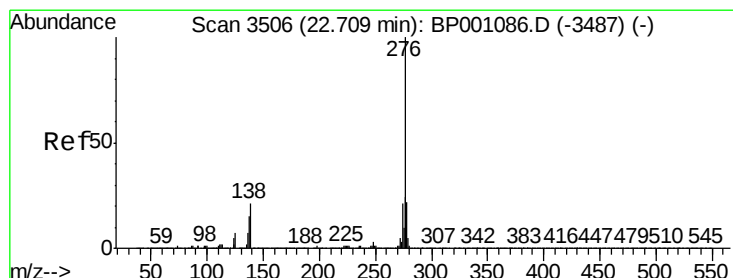
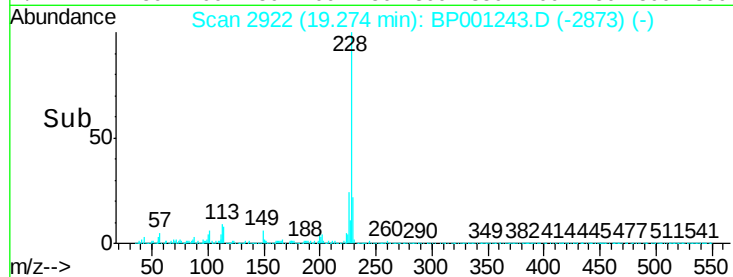
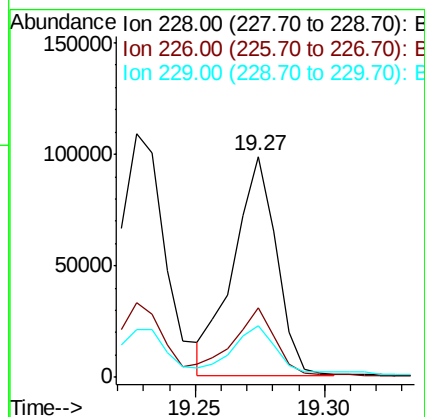
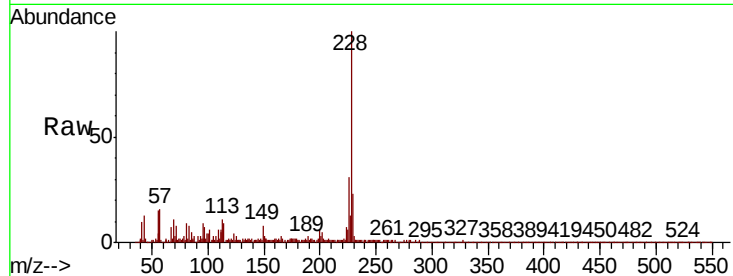
#83
Chrysene
Concen: 7.322 ng m
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.7	35.5
229	23.3	15.2	22.8

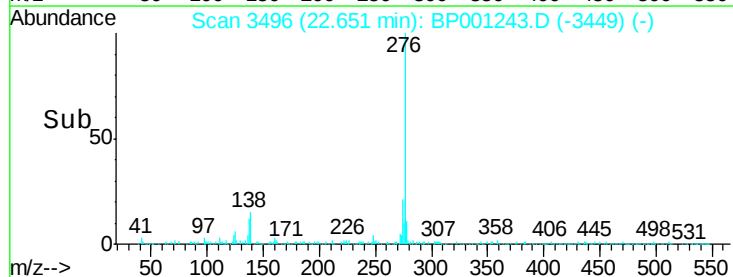
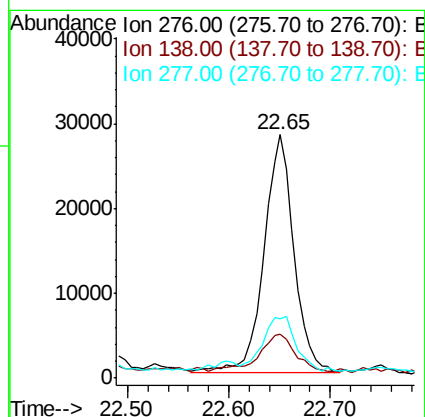
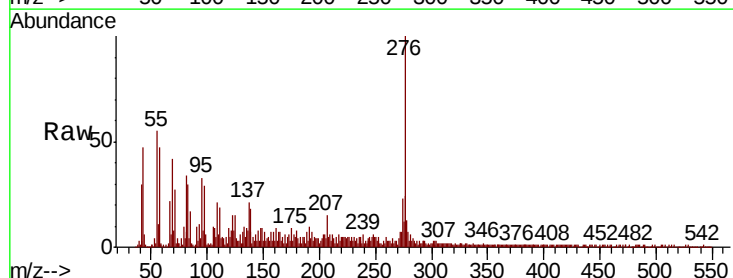
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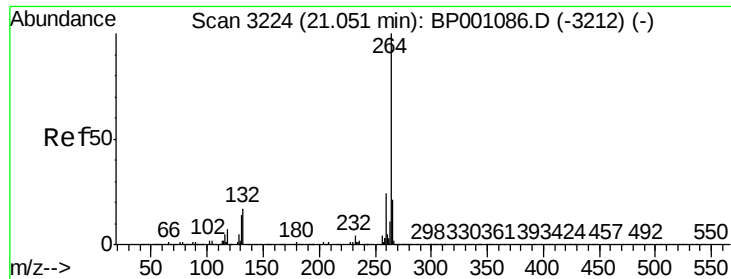
mohammad
12/9/2019 3:11:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.174 ng
RT: 22.65 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.9	26.9
277	25.1	20.1	30.1





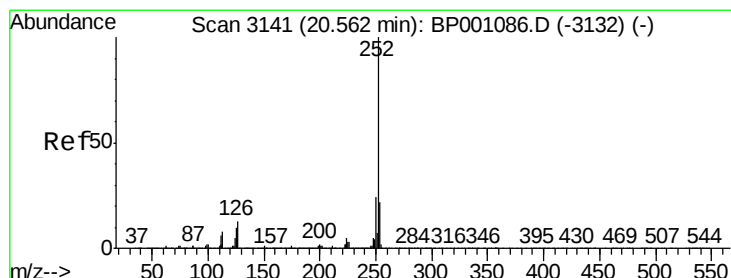
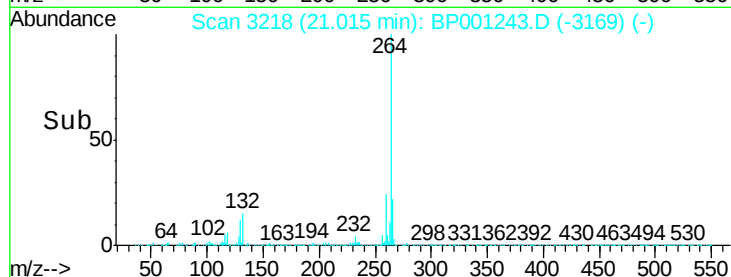
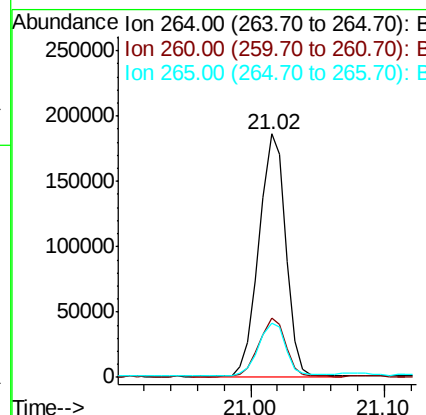
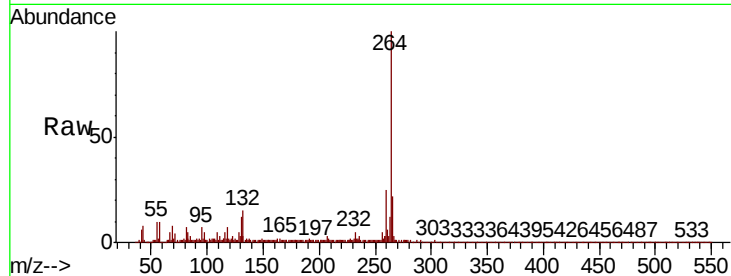
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.0	17.1	25.7

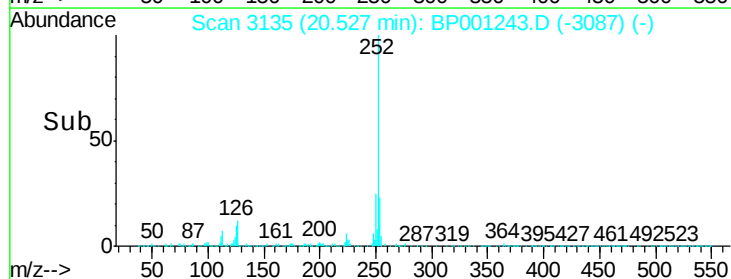
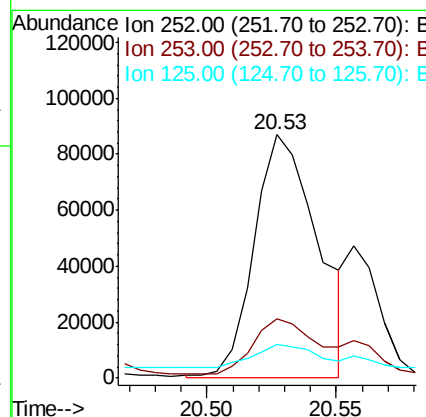
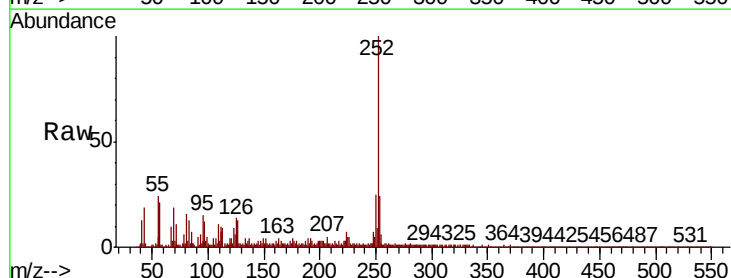
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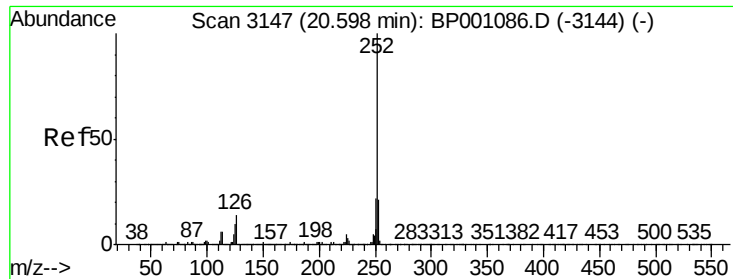
mohammad
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#88
Benzo(b)fluoranthene
Concen: 9.458 ng m
RT: 20.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	14.0	6.6	9.8#





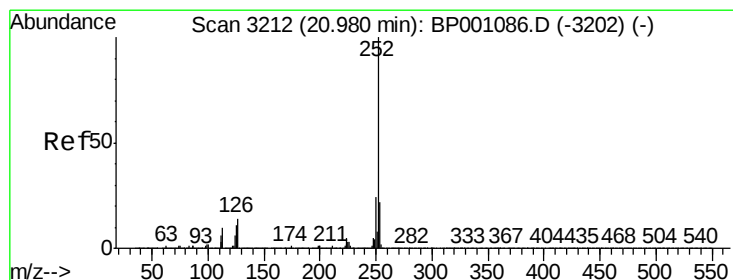
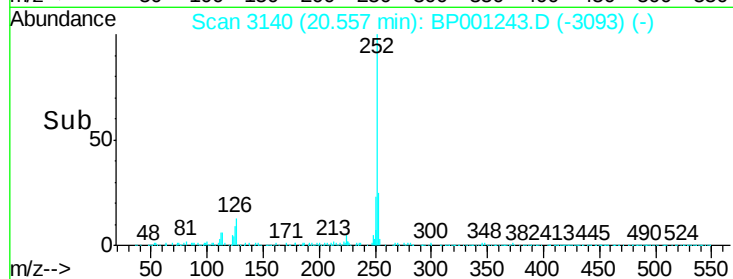
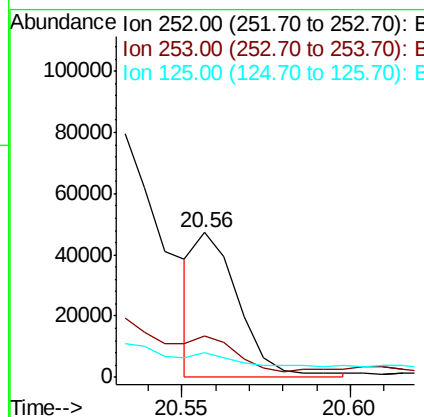
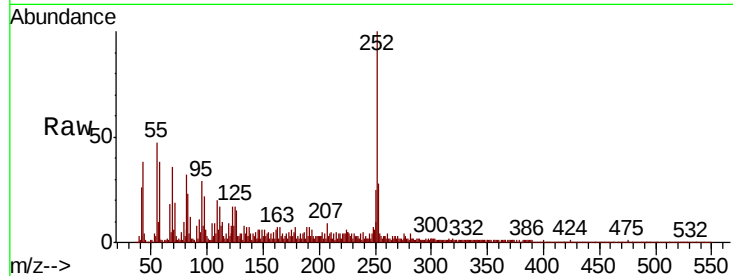
#89
Benzo(k)fluoranthene
Concen: 2.778 ng m
RT: 20.56 min Scan# 3140
Delta R.T. -0.02 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Instrument :
BNA_P
ClientSampled :
COMP-36

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.2	25.8#
125	16.9	6.2	9.4#

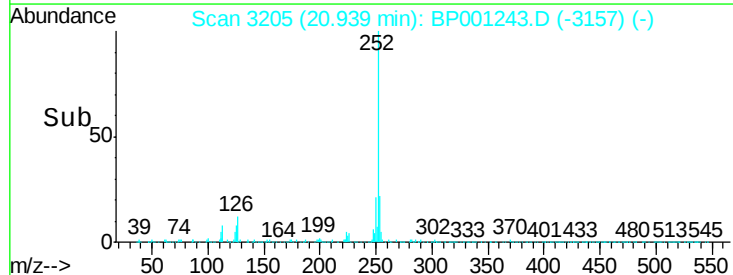
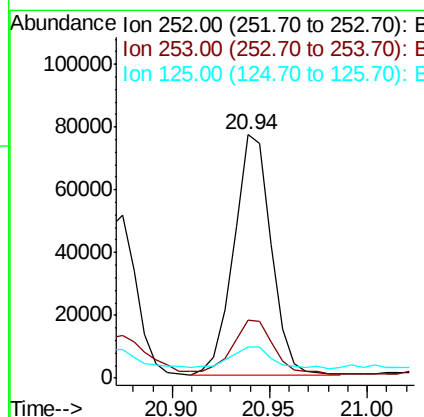
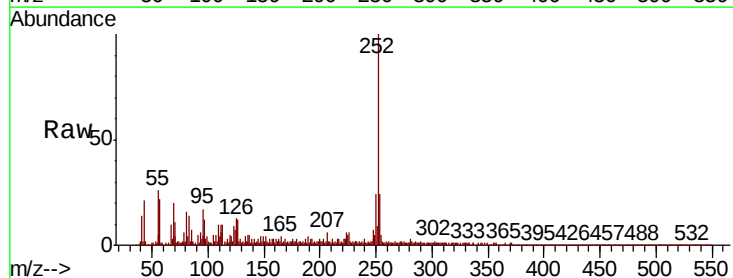
Manual Integrations
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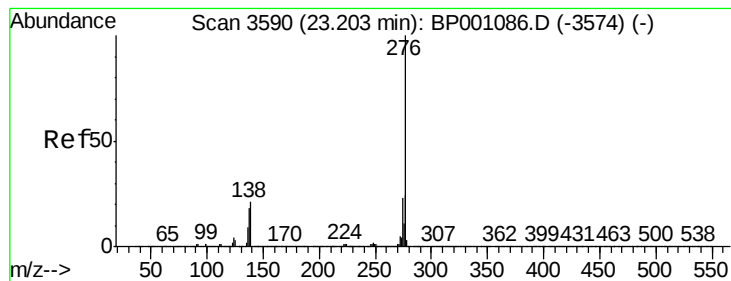
mohammad
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#90
Benzo(a)pyrene
Concen: 7.000 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001243.D
Acq: 06 Dec 2019 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.8	25.2
125	12.6	7.8	11.6#





#92

Benzo(a,h,i)perylene

Concen: 3.945 ng

RT: 23.14 min Scan# 3579

Delta R.T. -0.03 min

Lab File: BP001243.D

Acq: 06 Dec 2019 21:51

Instrument :

BNA_P

ClientSampleId :

COMP-36

Tot Ion:	276	Resp:	55146
Ion Ratio		Lower	Upper
276	100		
277	25.8	18.6	28.0
138	22.5	15.6	23.4

Manual Integrations
APPROVED

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