

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003211.D
 Acq On : 04 Sep 2020 14:59
 Operator : CG/JU
 Sample : L3877-12 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Sep 08 02:44:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	310963	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1226882	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	741103	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1471949	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1044735	20.00	ng	0.00
86) Perylene-d12	23.38	264	1133100	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	147656	8.40	ng	0.00
7) Phenol-d6	6.84	99	177178	8.04	ng	0.00
23) Nitrobenzene-d5	8.80	82	107815	6.34	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	85230	8.50	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	283539	5.60	ng	0.00
79) Terphenyl-d14	19.62	244	327226	6.89	ng	0.00
Target Compounds						
3) Pyridine	3.59	79	45337	2.562	ng	Qvalue # 44
31) Naphthalene	10.48	128	994152	15.772	ng	99
37) 2-Methylnaphthalene	12.10	142	296132m	6.567	ng	
38) 1-Methylnaphthalene	12.32	142	409485	9.554	ng	99
49) Acenaphthylene	14.01	152	494253	7.183	ng	98
52) Acenaphthene	14.36	154	145997	3.454	ng	99
58) Fluorene	15.35	166	208602	4.079	ng	# 97
71) Phenanthrene	17.09	178	1955288	24.515	ng	100
72) Anthracene	17.18	178	703254	9.213	ng	100
75) Fluoranthene	19.07	202	2563228	27.806	ng	99
78) Pyrene	19.42	202	3966712	58.501	ng	99
81) Benzo(a)anthracene	21.13	228	1958589	29.929	ng	94
83) Chrysene	21.18	228	2181640	34.819	ng	97
87) Indeno(1,2,3-cd)pyrene	25.66	276	1410178	16.688	ng	97
88) Benzo(b)fluoranthene	22.72	252	2221957m	31.550	ng	
89) Benzo(k)fluoranthene	22.74	252	692082m	10.285	ng	
90) Benzo(a)pyrene	23.29	252	2171350	33.234	ng	97
91) Dibenzo(a,h)anthracene	25.66	278	457417	6.590	ng	# 83
92) Benzo(a,h,i)perylene	26.36	276	1819916	26.125	ng	98

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

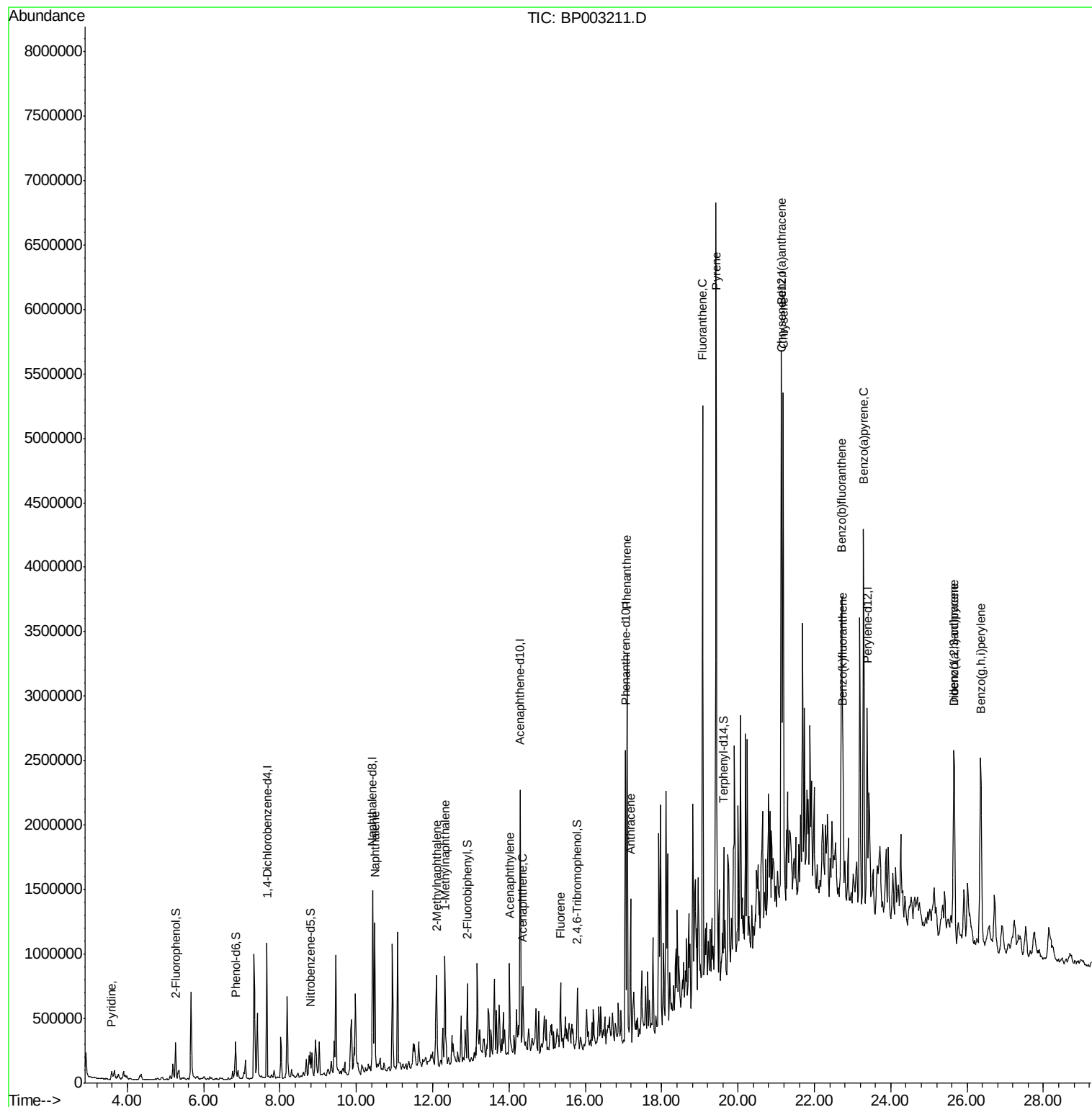
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
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Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

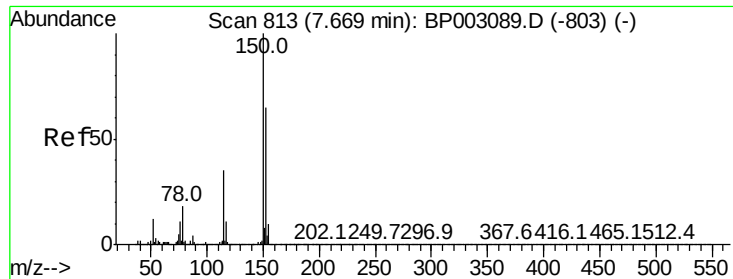
Instrument :
BNA_P
ClientSampled :
TP-3

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Quant Time: Sep 08 02:44:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
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#1

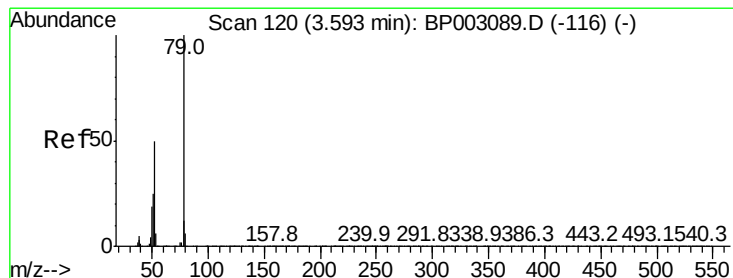
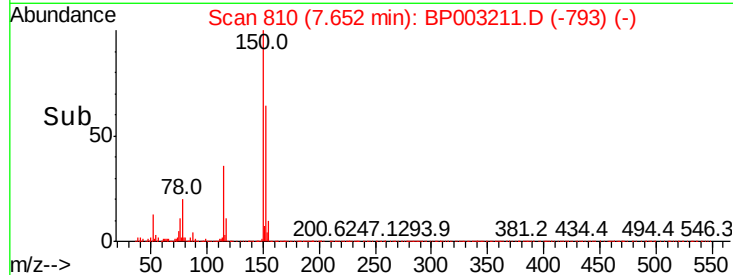
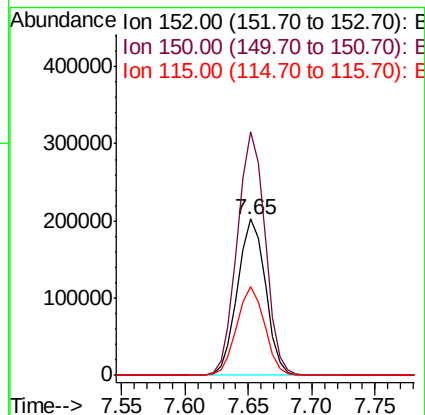
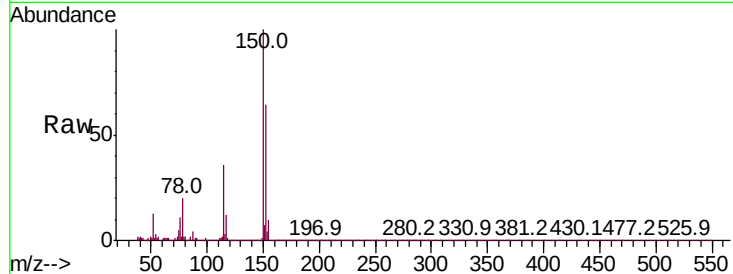
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	56.4	43.8	65.6

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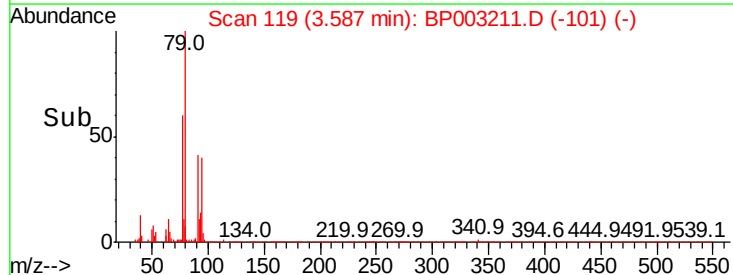
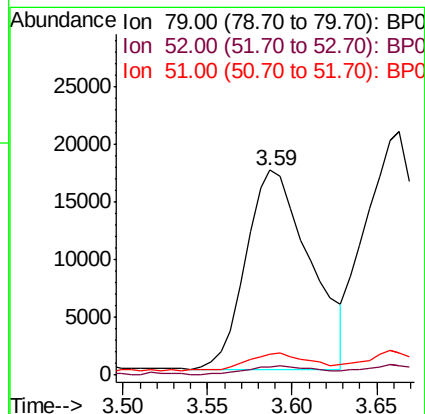
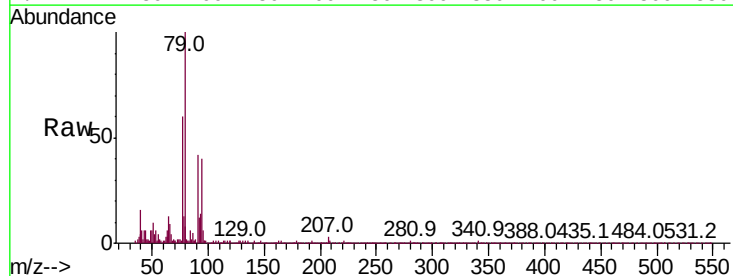
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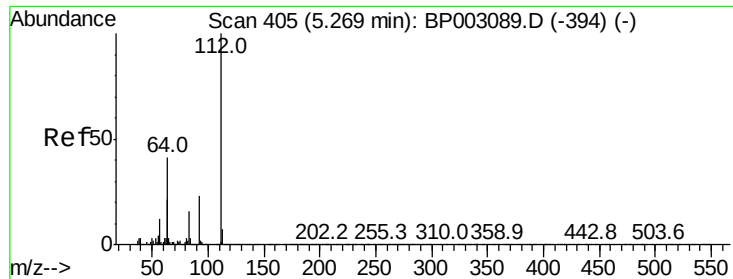


#3

Pyridine
Concen: 2.562 ng
RT: 3.59 min Scan# 119
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
79	100		
52	3.8	41.3	61.9#
51	10.4	21.2	31.8#





#5

2-Fluorophenol

Concen: 8.395 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Instrument :

BNA_P

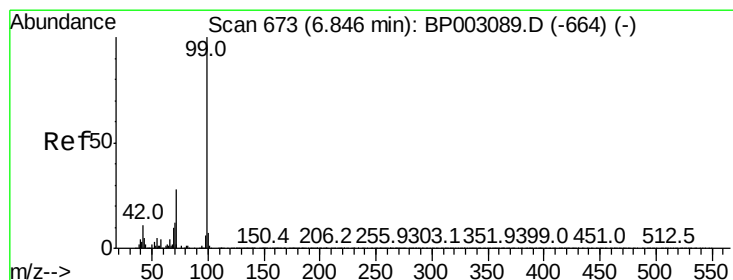
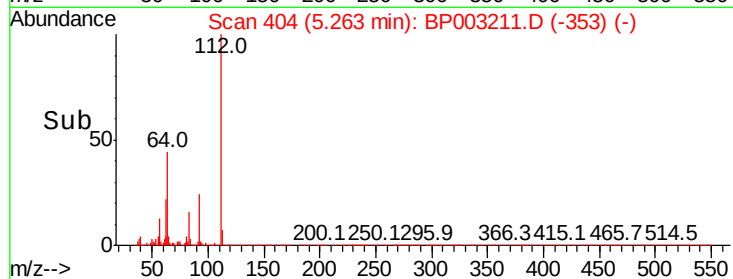
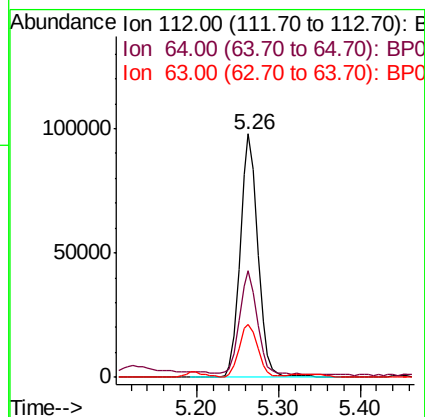
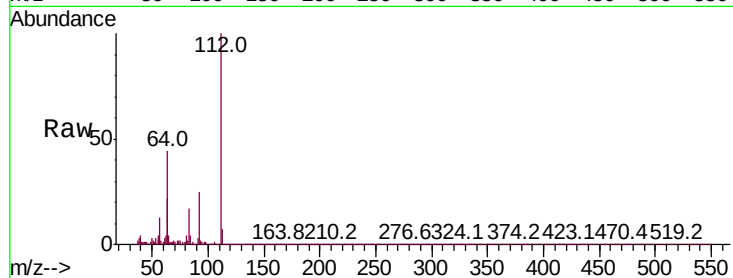
ClientSampled :

TP-3

Tot Ion:	112	Resp:	147656
Ion Ratio	Lower	Upper	
112	100		
64	43.9	32.8	49.2
63	21.9	17.0	25.4

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#7

Phenol-d6

Concen: 8.036 ng

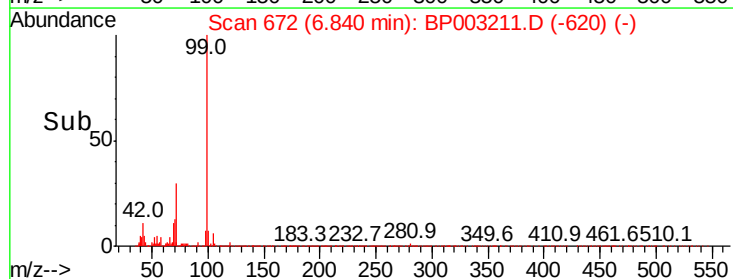
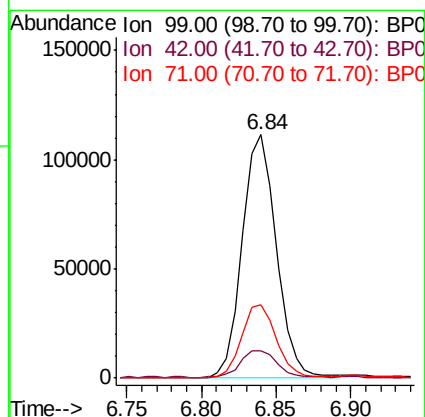
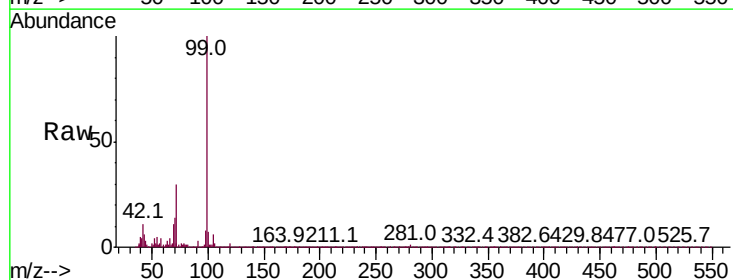
RT: 6.84 min Scan# 672

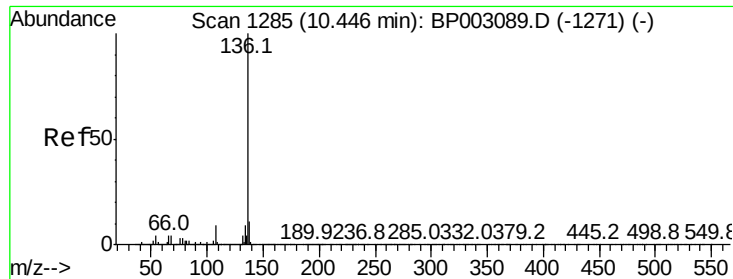
Delta R.T. 0.01 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Tgt Ion:	99	Resp:	177178
Ion Ratio	Lower	Upper	
99	100		
42	11.3	8.6	13.0
71	30.1	23.4	35.2





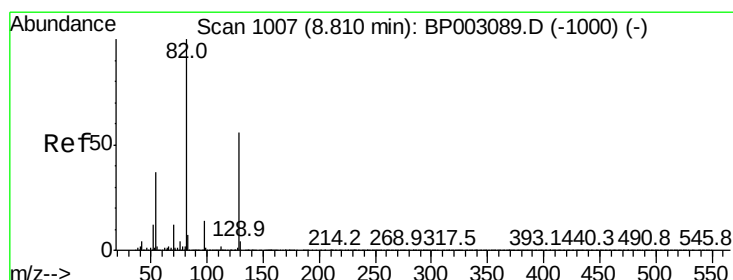
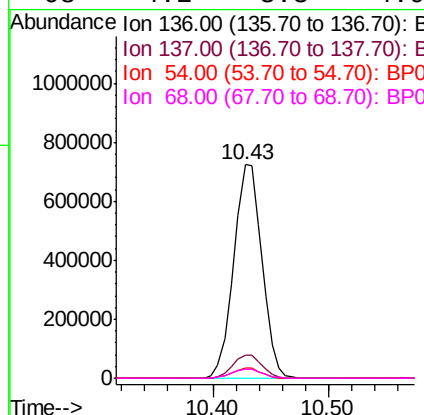
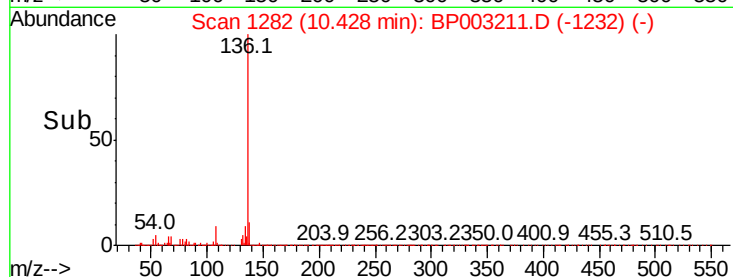
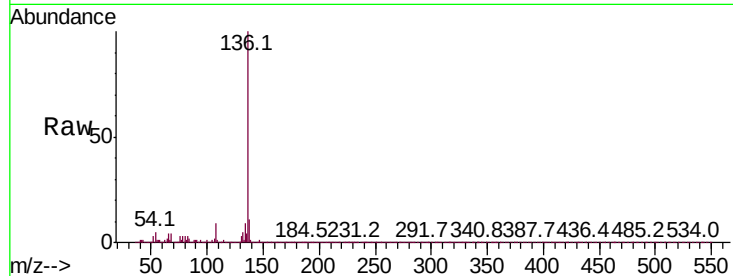
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.6	13.0	
54	4.7	3.6	5.4	
68	4.2	3.3	4.9	

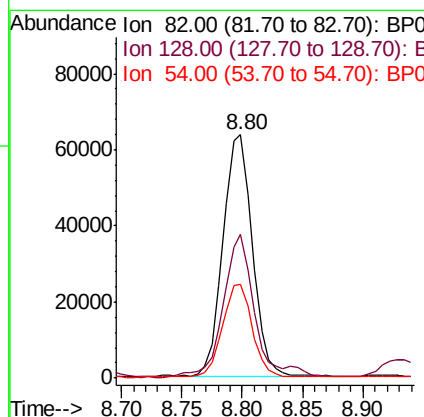
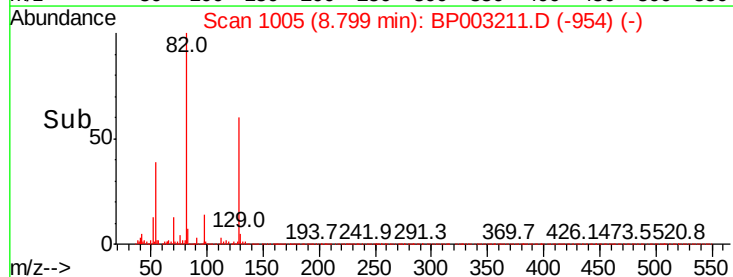
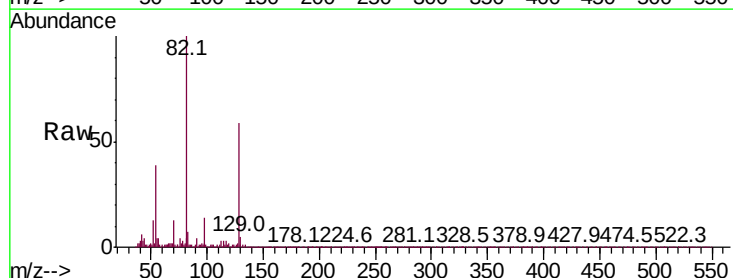
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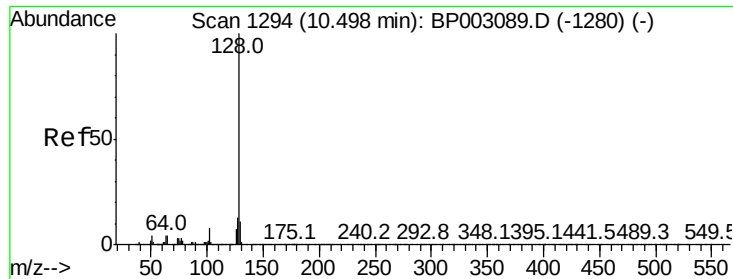
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#23
Nitrobenzene-d5
Concen: 6.335 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	59.2	45.6	68.4	
54	38.7	30.1	45.1	





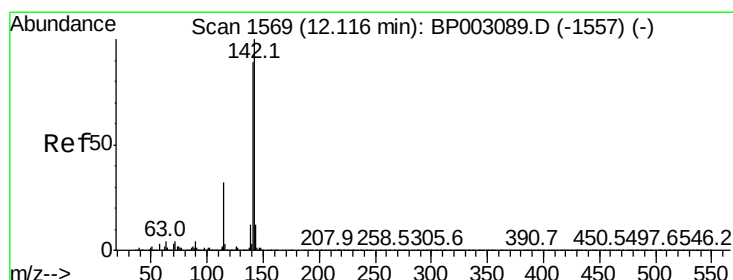
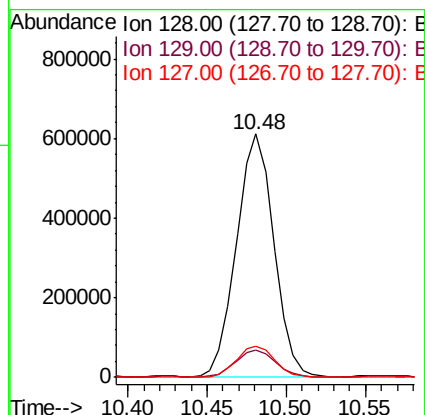
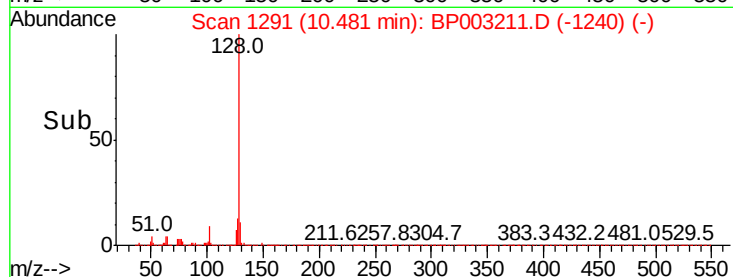
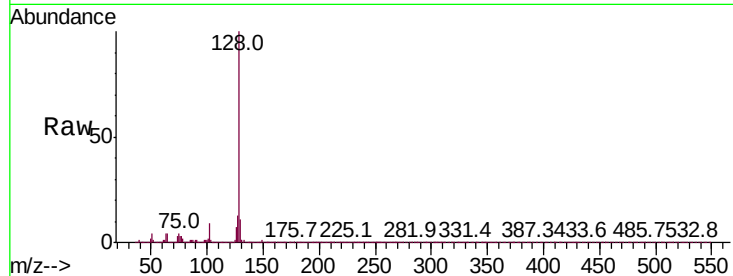
#31
Naphthalene
Concen: 15.772 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.0	10.6	15.8

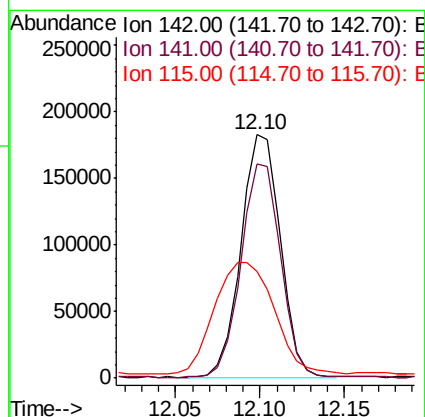
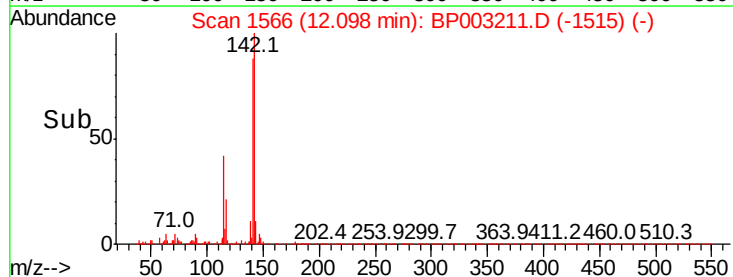
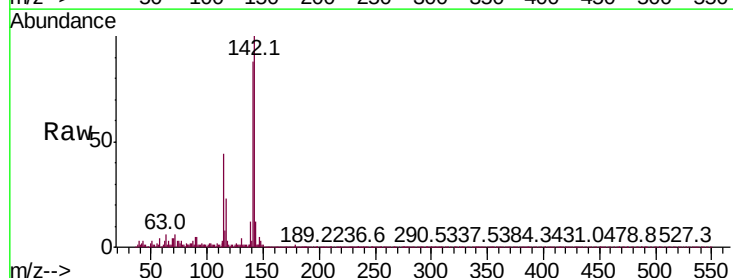
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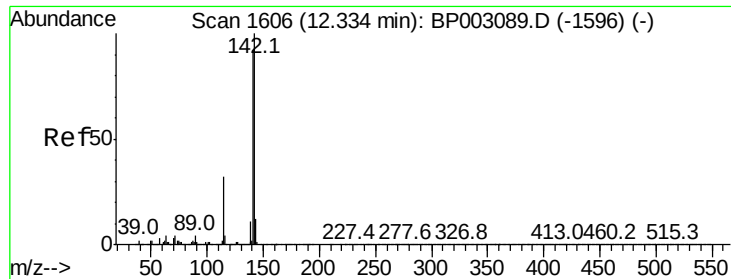
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#37
2-Methylnaphthalene
Concen: 6.567 ng m
RT: 12.10 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	88.1	71.4	107.2
115	44.0	25.8	38.6





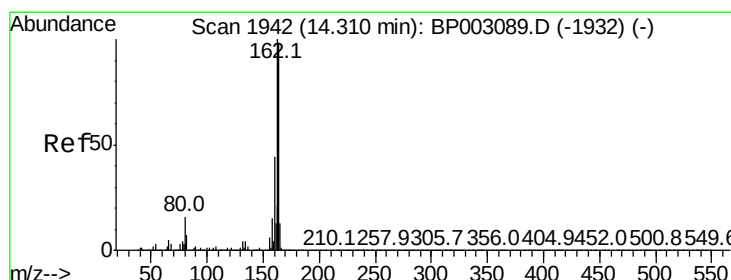
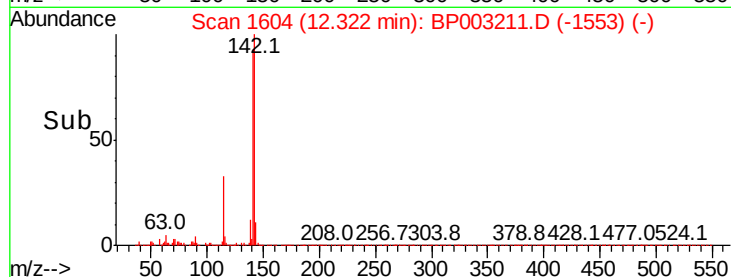
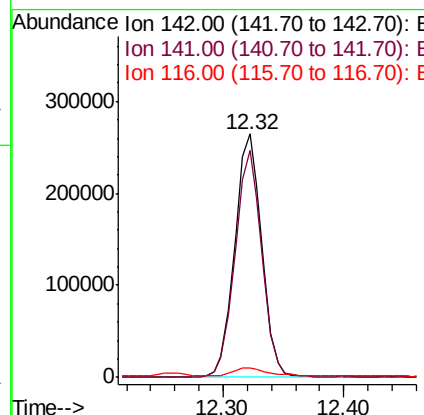
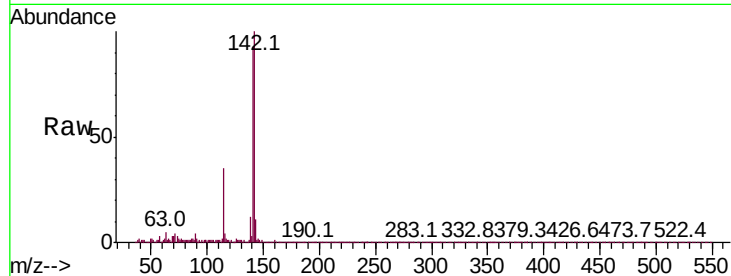
#38
1-Methylnaphthalene
Concen: 9.554 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
142	100	409485		
141	93.5		74.4	111.6
116	4.0		2.9	4.3

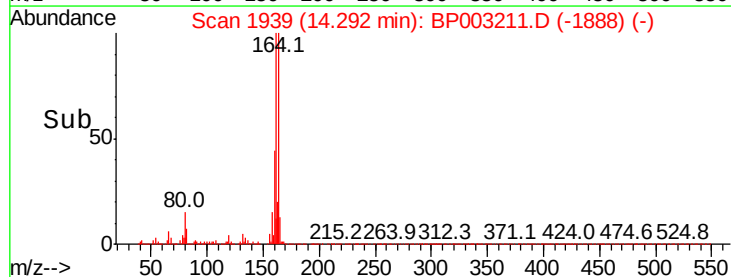
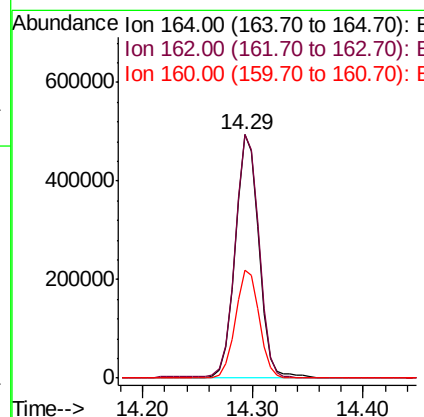
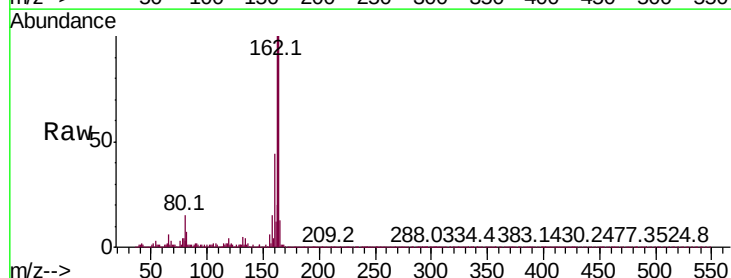
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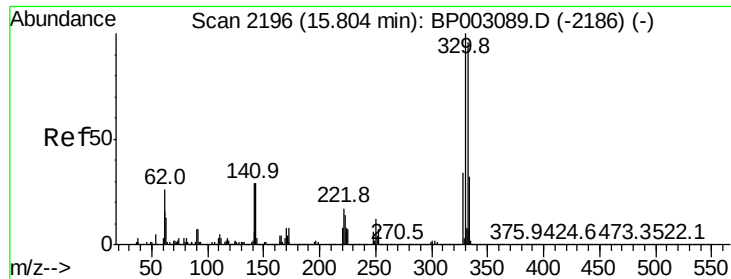
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	741103		
162	99.9		79.4	119.2
160	44.3		36.1	54.1





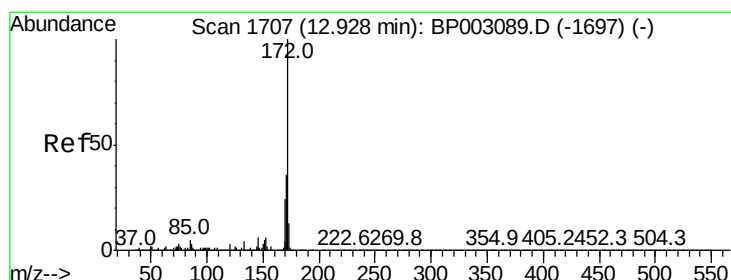
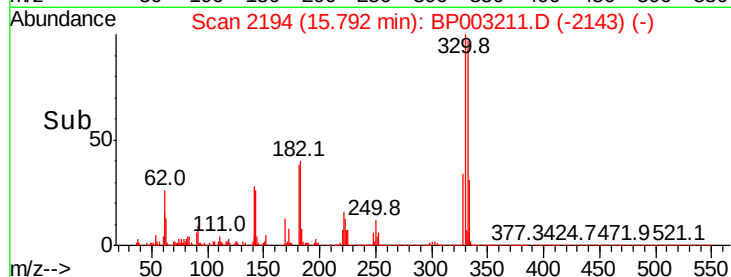
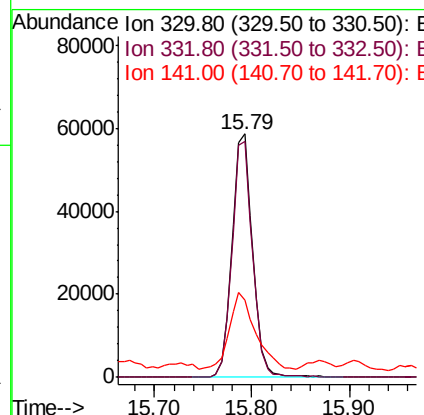
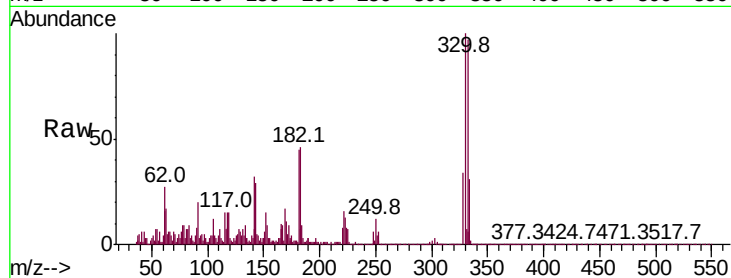
#42
 2,4,6-Tribromophenol
 Concen: 8.503 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003211.D
 Acq: 04 Sep 2020 14:59

Instrument :
 BNA_P
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	39.7	23.4	35.2#

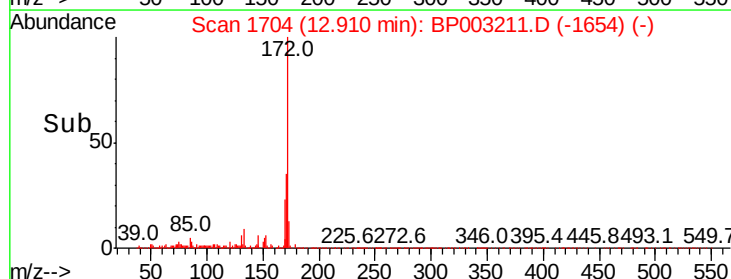
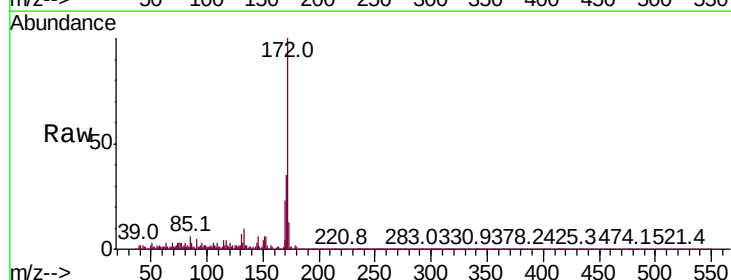
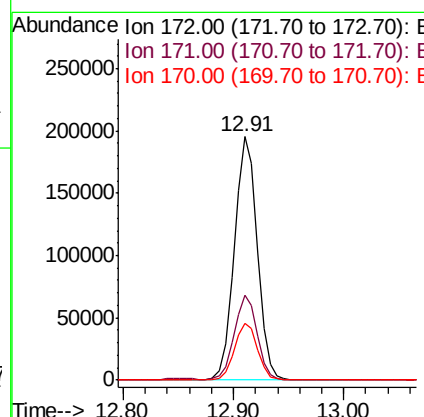
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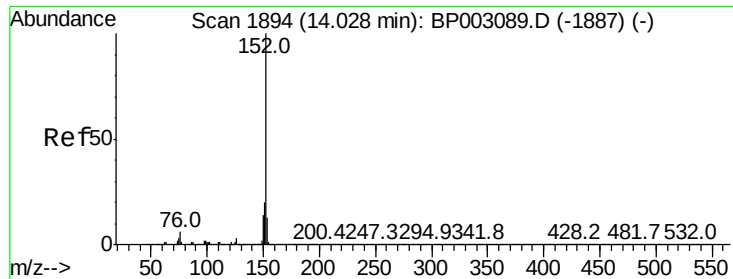
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#45
 2-Fluorobiphenyl
 Concen: 5.603 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003211.D
 Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	19.2	28.8





#49

Acenaphthylene

Concen: 7.183 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BP003211.D

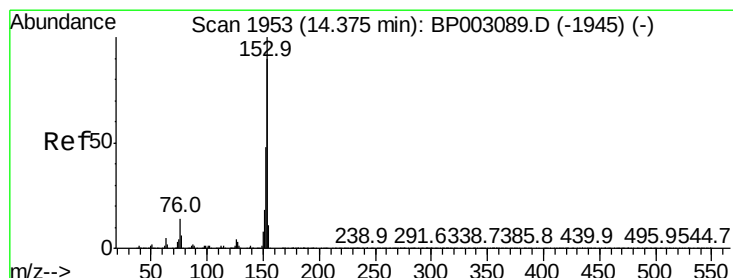
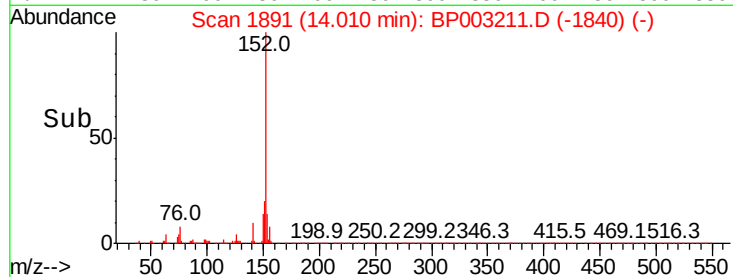
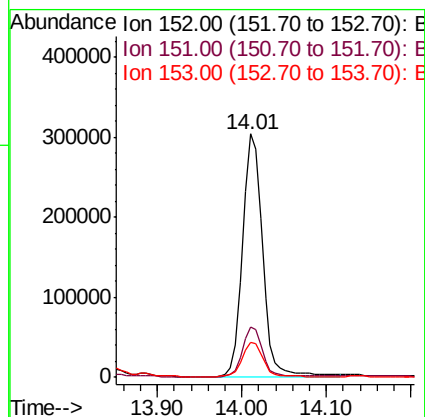
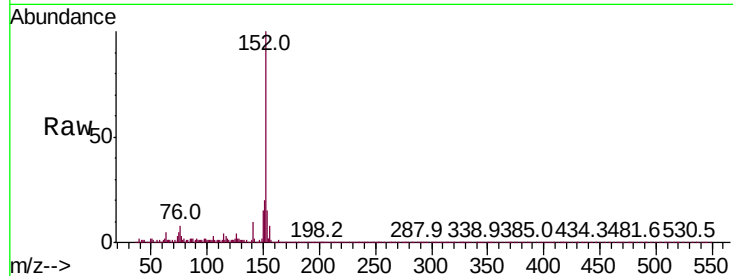
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
152	100	494253		
151	20.4	15.9	23.9	
153	14.6	10.5	15.7	

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#52

Acenaphthene

Concen: 3.454 ng

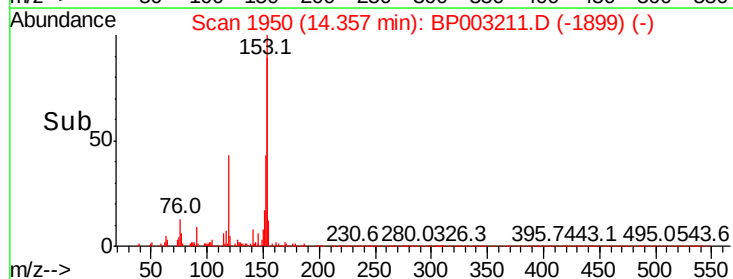
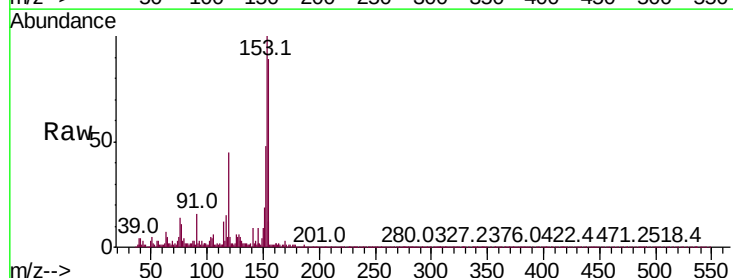
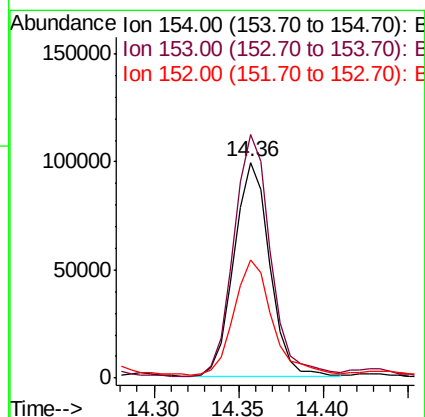
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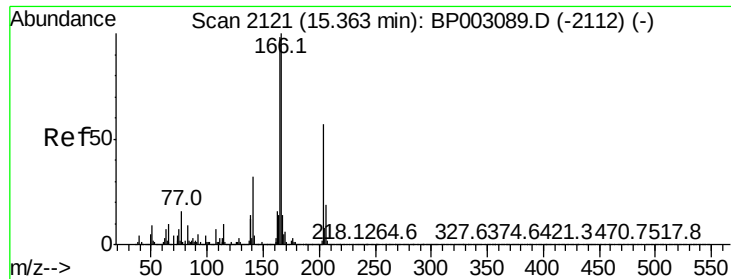
Delta R.T. -0.00 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	145997		
153	112.9	91.0	136.6	
152	54.6	43.0	64.6	





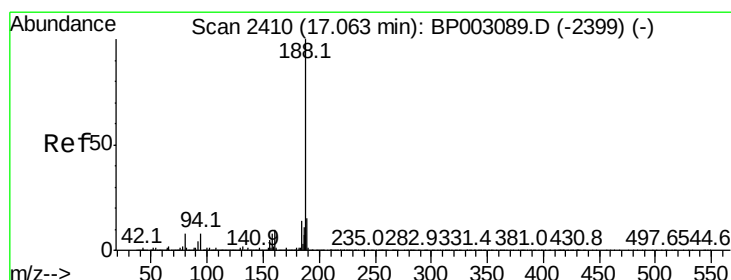
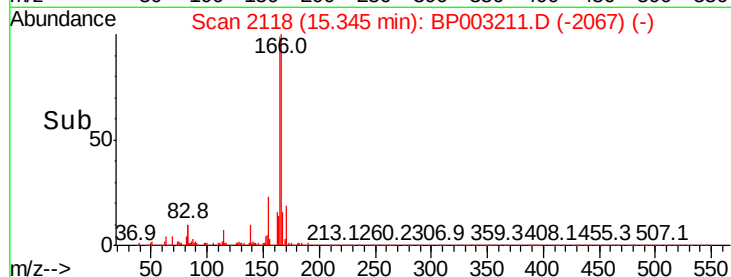
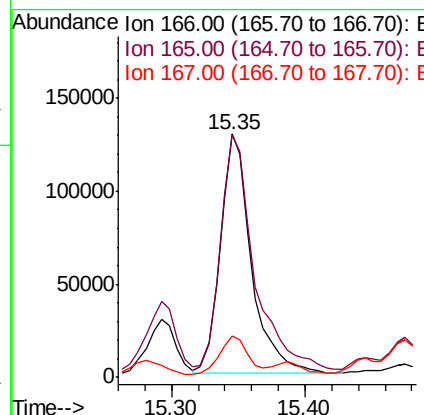
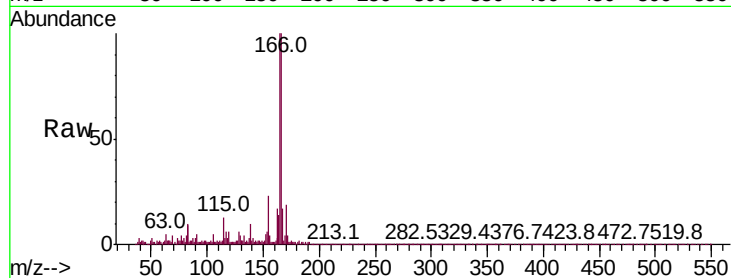
#58
Fluorene
Concen: 4.079 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.8
167	16.7	11.0	16.4

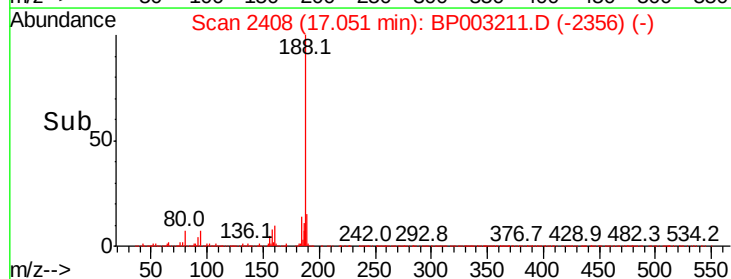
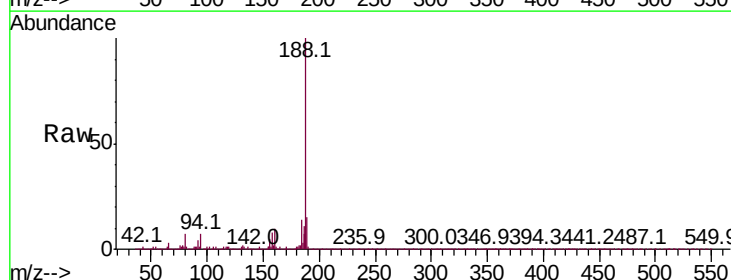
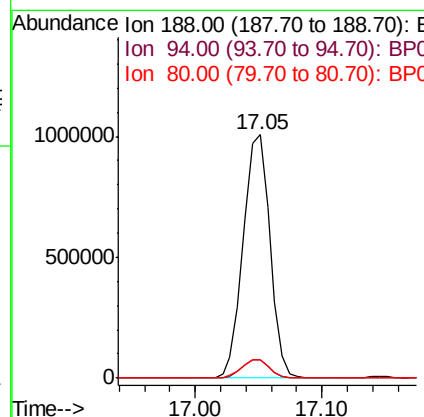
Manual Integrations
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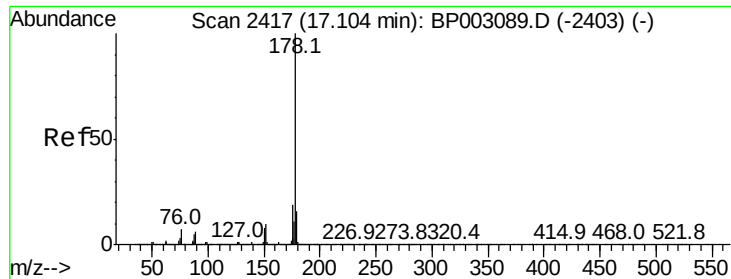
Sohil
9/9/2020 3:47:58 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	7.3	6.2	9.2





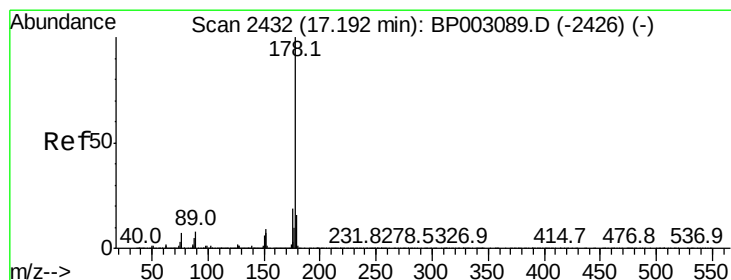
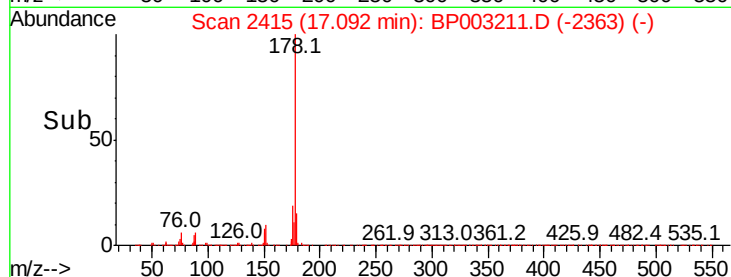
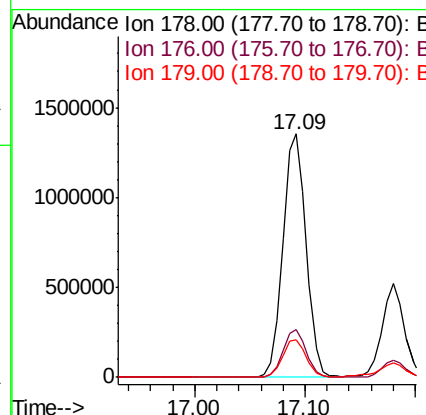
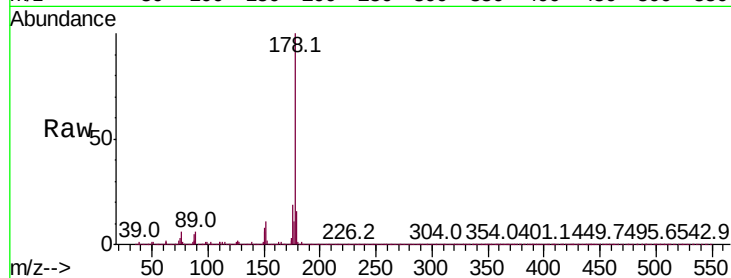
#71
Phenanthrene
Concen: 24.515 ng
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.5	18.7

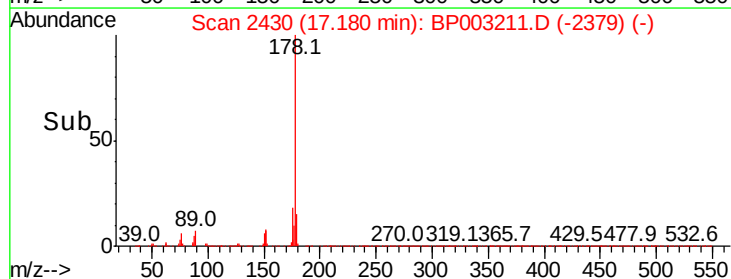
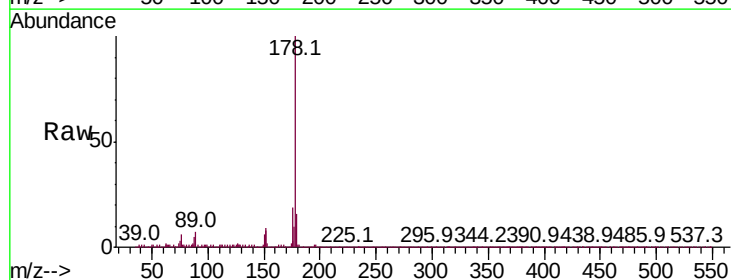
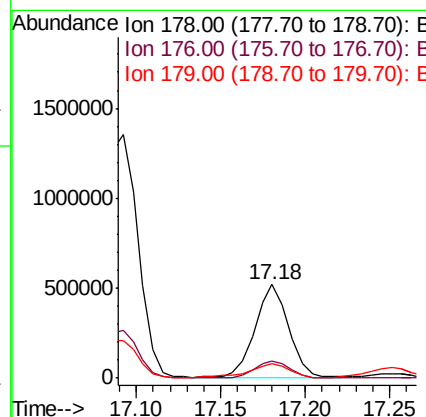
Manual Integrations
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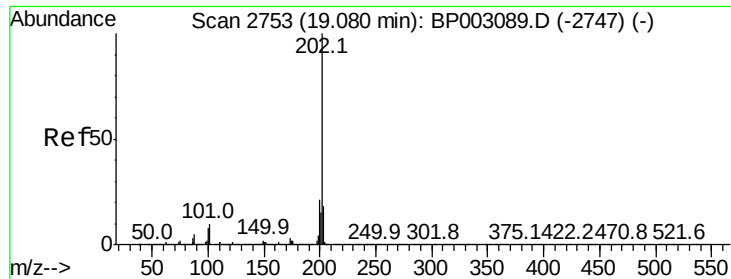
Sohil
9/9/2020 3:47:58 PM



#72
Anthracene
Concen: 9.213 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.5	18.7





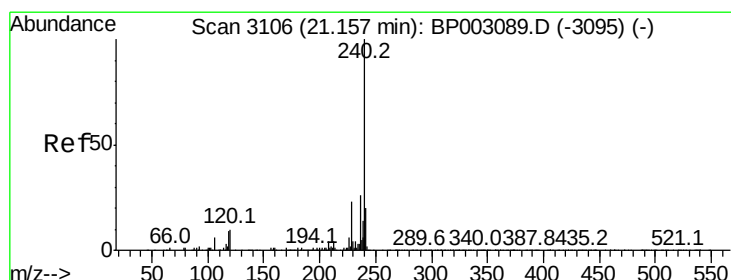
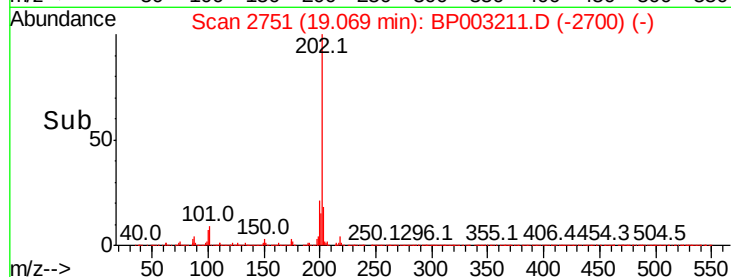
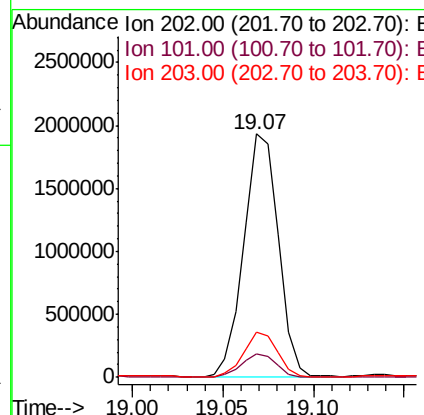
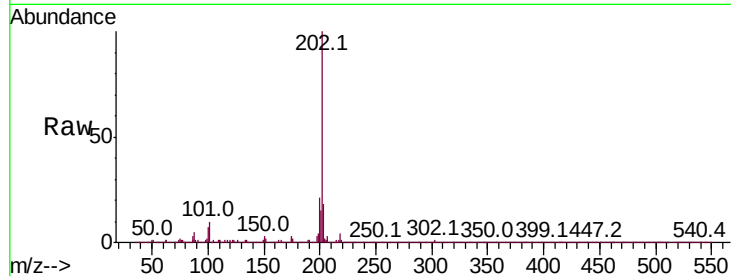
#75
Fluoranthene
Concen: 27.806 ng
RT: 19.07 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	18.3	0.0	37.8

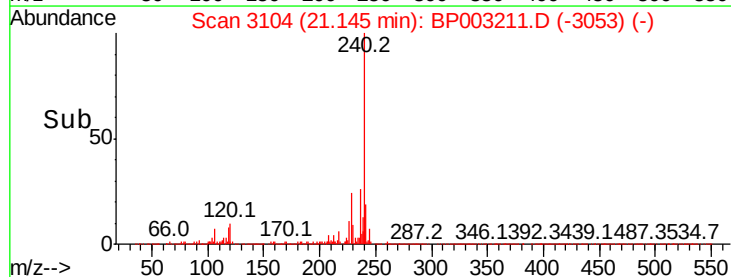
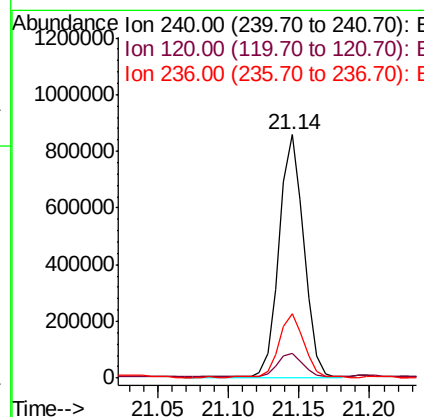
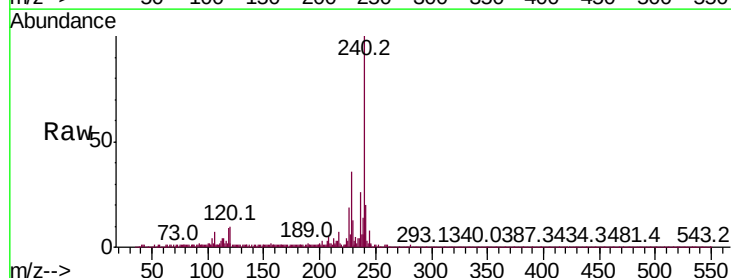
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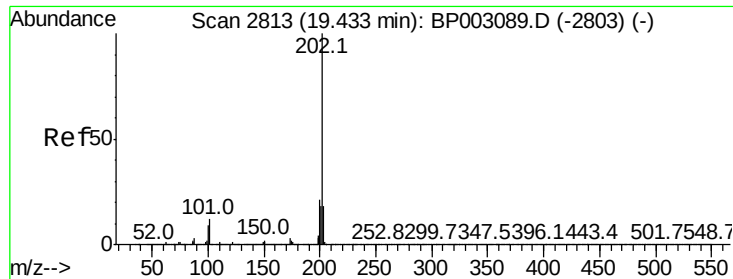
Sohil
9/9/2020 3:47:58 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	26.5	20.8	31.2





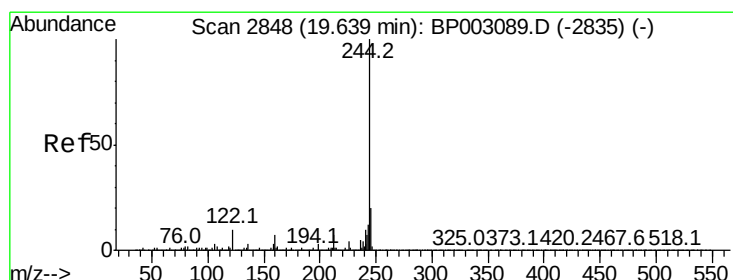
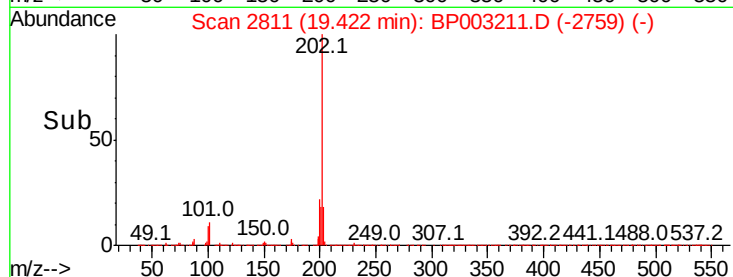
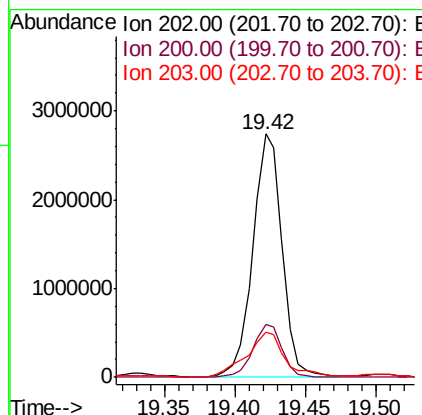
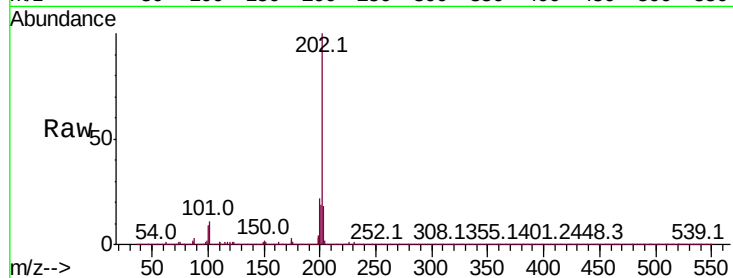
#78
Pvrene
Concen: 58.501 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	18.4	14.2	21.2

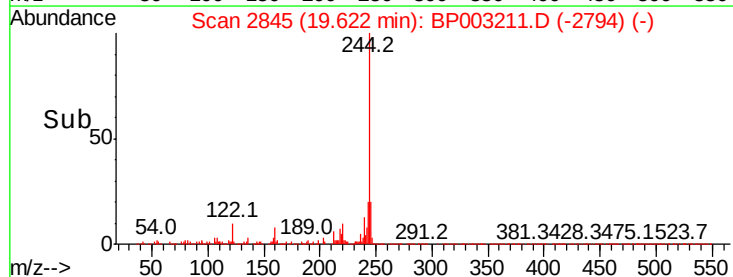
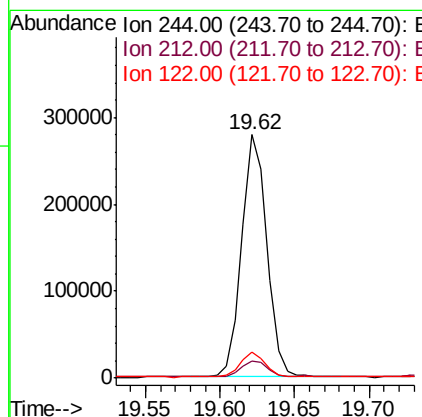
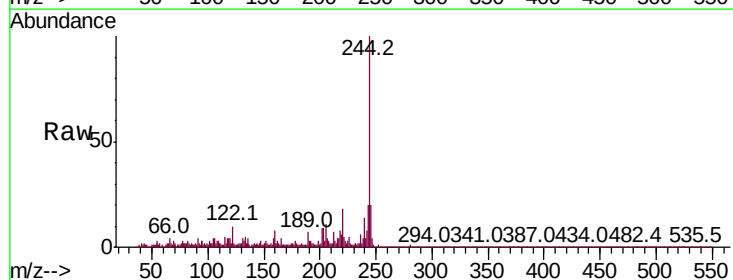
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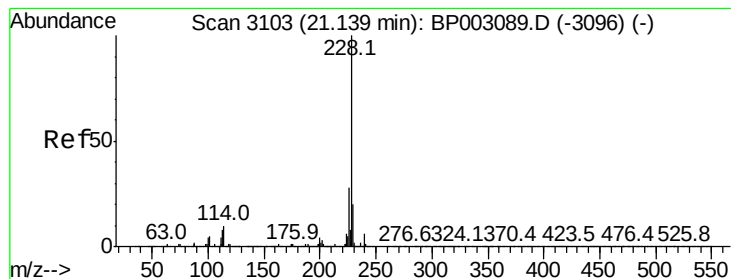
Sohil
9/9/2020 3:47:58 PM



#79
Terphenyl-d14
Concen: 6.892 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.5	7.8	11.8





#81

Benzo(a)anthracene

Concen: 29.929 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Instrument :

BNA_P

ClientSampleId :

TP-3

Tot Ion:228 Resp: 1958589

Ion Ratio Lower Upper

228 100

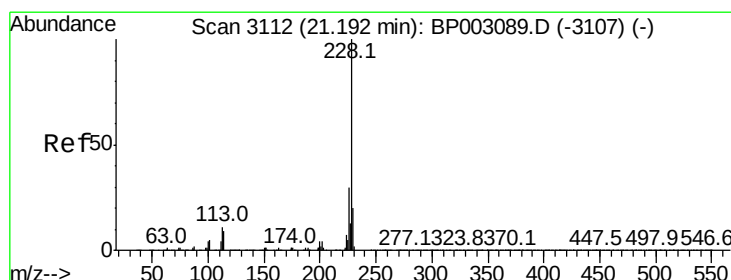
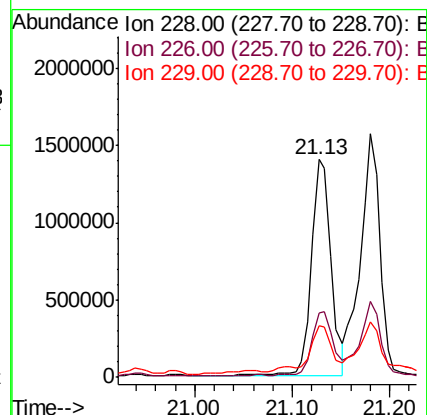
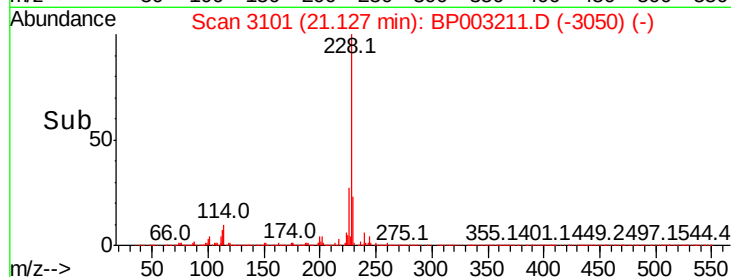
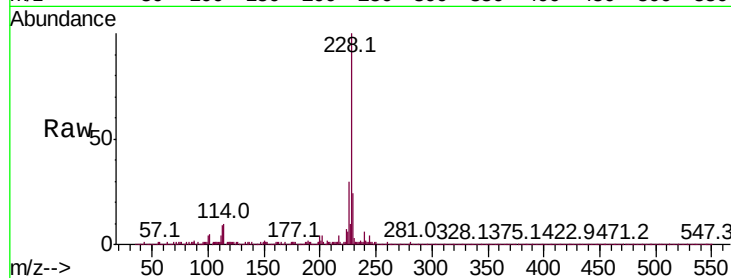
226 29.7 22.1 33.1

229 23.8 15.9 23.9

Manual Integrations
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Sohil

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#83

Chrysene

Concen: 34.819 ng

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

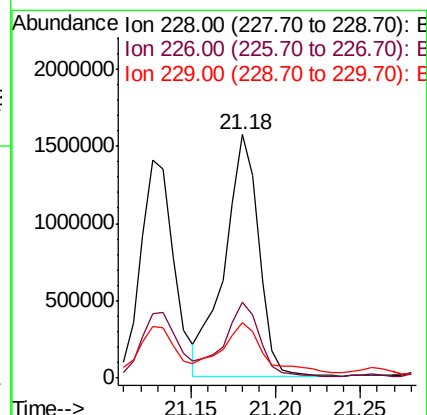
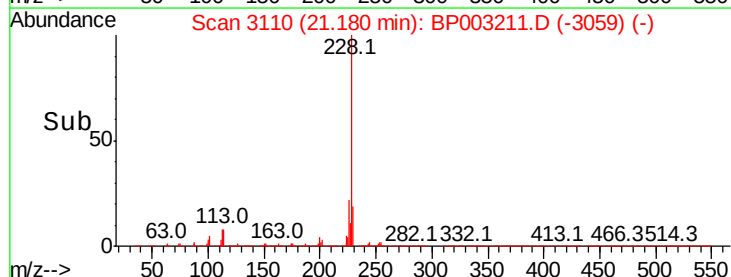
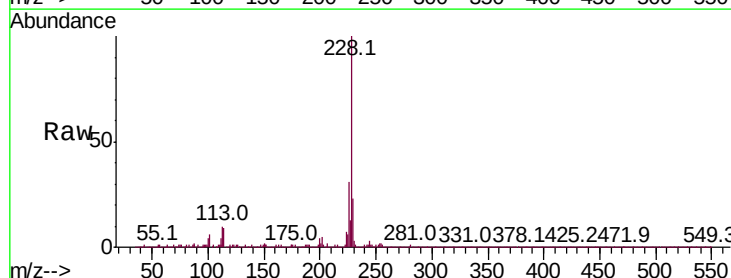
Tgt Ion:228 Resp: 2181640

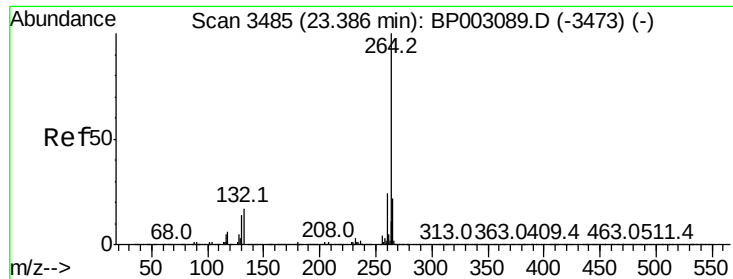
Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 22.8 15.8 23.6





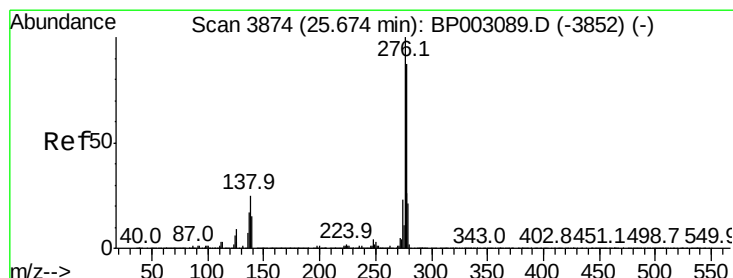
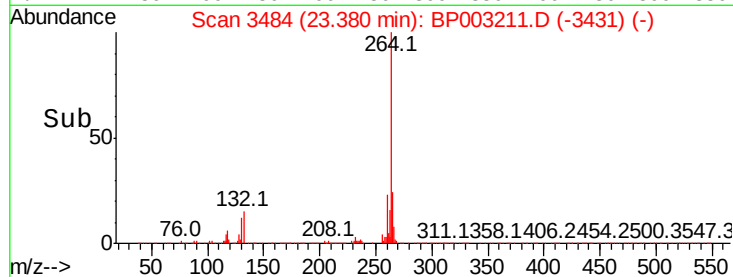
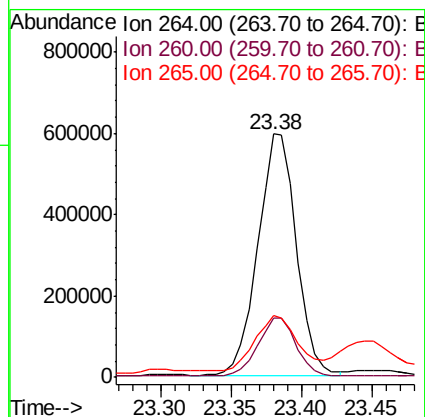
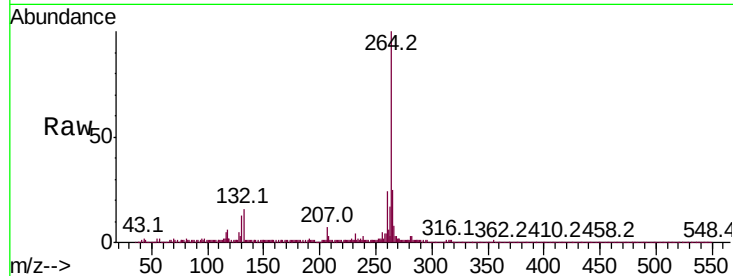
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	25.4	17.4	26.2

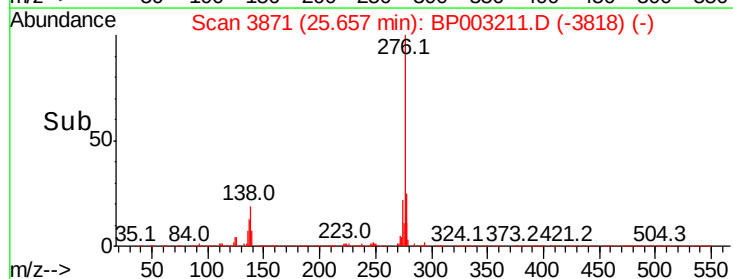
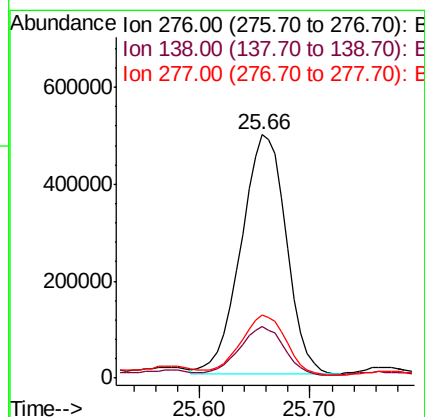
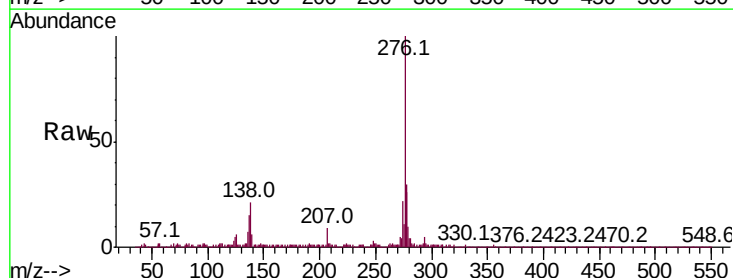
Manual Integrations
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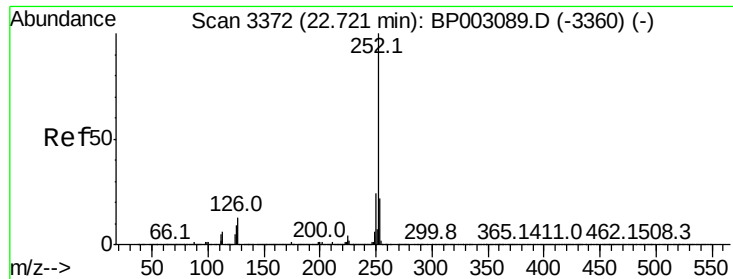
Sohil
9/9/2020 3:47:58 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 16.688 ng
RT: 25.66 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.7	28.1
277	25.6	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 31.550 ng m

RT: 22.72 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

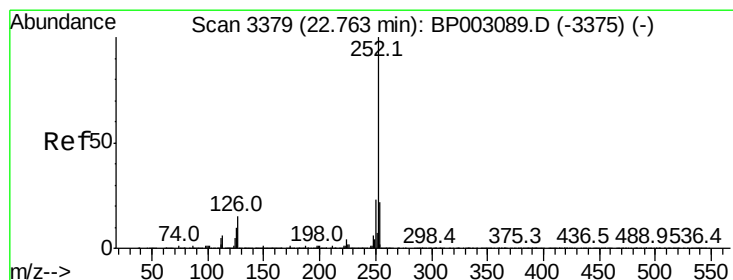
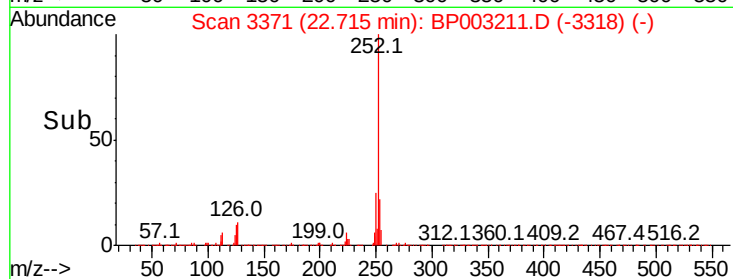
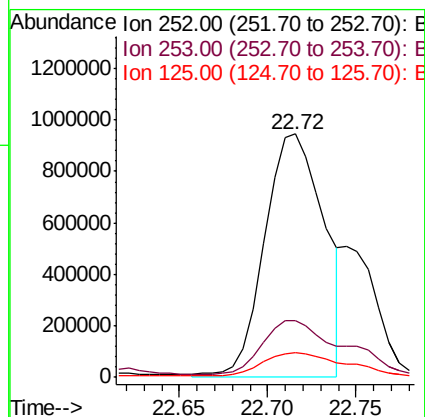
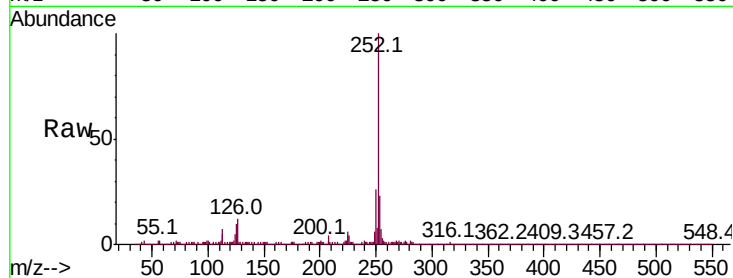
Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion:252 Resp: 2221957

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.4	7.3	10.9

Manual Integrations
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Sohil
9/9/2020 3:47:58 PM



#89

Benzo(k)fluoranthene

Concen: 10.285 ng m

RT: 22.74 min Scan# 3376

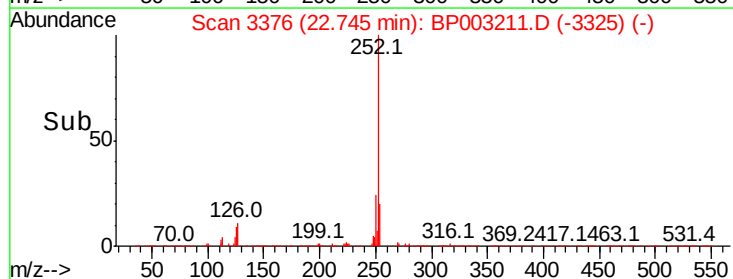
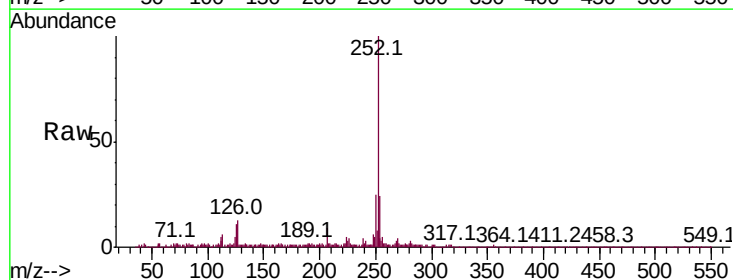
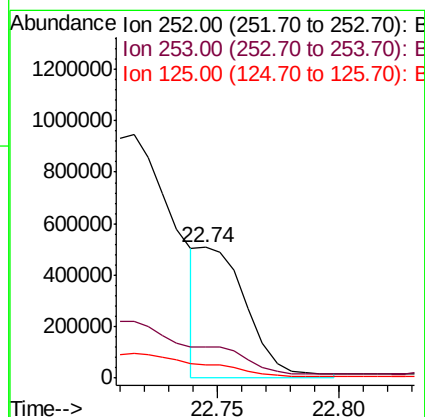
Delta R.T. -0.00 min

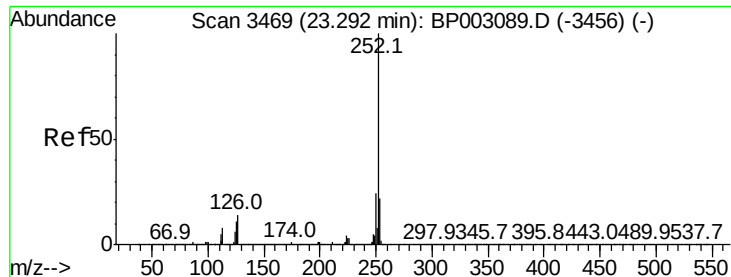
Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Tgt Ion:252 Resp: 692082

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	10.6	7.4	11.2





#90

Benzo(a)pyrene

Concen: 33.234 ng

RT: 23.29 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Instrument :

BNA_P

ClientSampleId :

TP-3

Tot Ion:252 Resp: 2171350

Ion Ratio Lower Upper

252 100

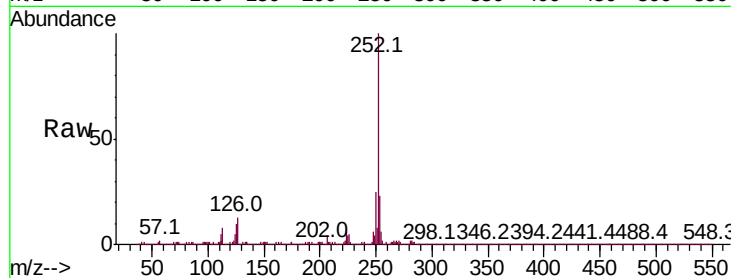
253 23.4 17.4 26.0

125 10.1 8.2 12.4

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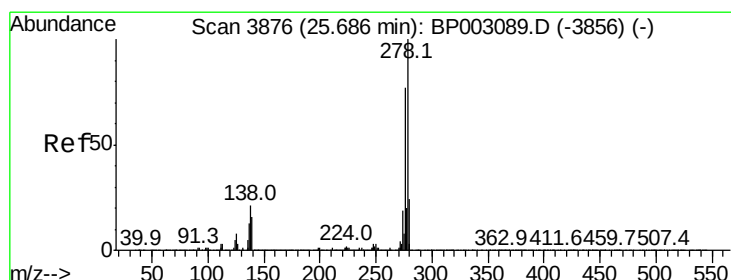
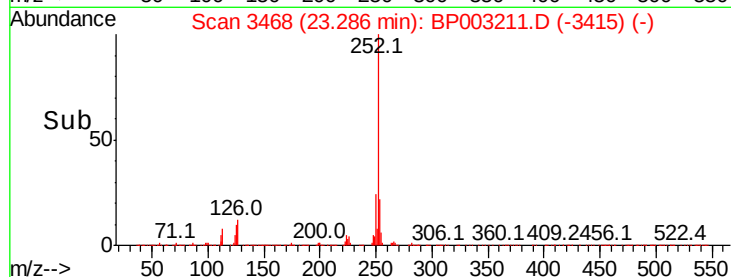
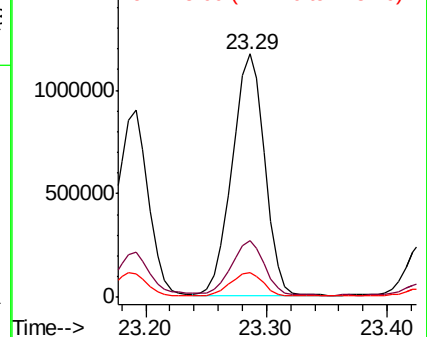


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 6.590 ng

RT: 25.66 min Scan# 3871

Delta R.T. -0.00 min

Lab File: BP003211.D

Acq: 04 Sep 2020 14:59

Tgt Ion:278 Resp: 457417

Ion Ratio Lower Upper

278 100

139 21.2 12.4 18.6#

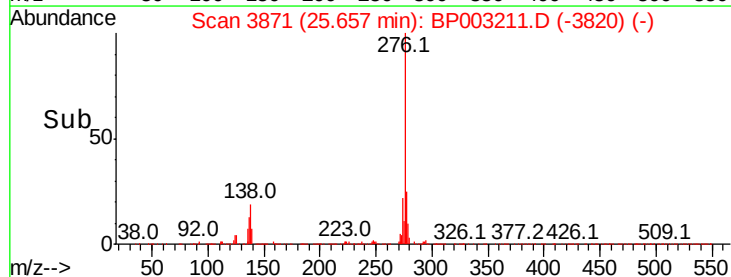
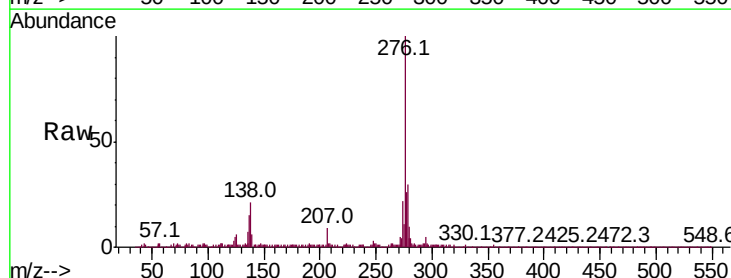
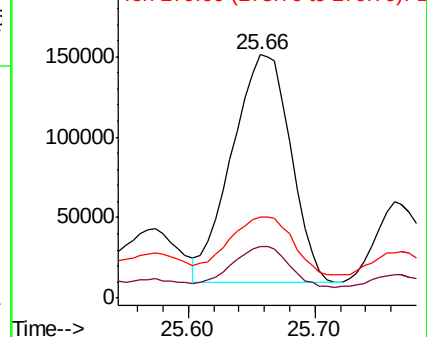
279 33.5 19.0 28.6#

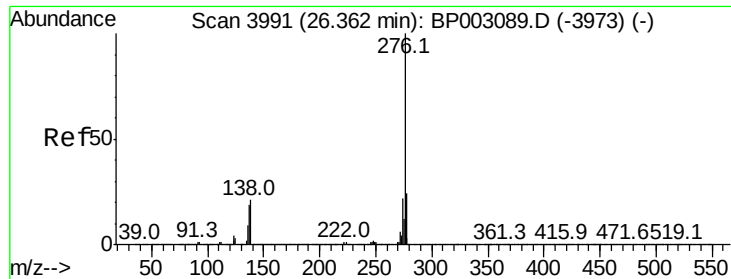
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 26.125 ng
 RT: 26.36 min Scan# 3990
 Delta R.T. 0.02 min
 Lab File: BP003211.D
 Acq: 04 Sep 2020 14:59

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.6
138	20.3	16.6	24.8

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:47:58 PM

