

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002812.D
 Acq On : 21 Jul 2020 14:03
 Operator : CG/JU
 Sample : L3352-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HS-01

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:10:19 PM

Quant Time: Jul 21 15:14:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	130005	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	507321	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	309378	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	653932	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	546964	20.00	ng	0.00
86) Perylene-d12	23.26	264	626665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1008158	130.84	ng	0.00
7) Phenol-d6	6.75	99	1300592	118.27	ng	0.00
23) Nitrobenzene-d5	8.69	82	813943	85.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	527206	163.25	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1714288	85.72	ng	-0.01
79) Terphenyl-d14	19.55	244	2036212	85.35	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.66	163	244329	10.355	ng	99
71) Phenanthrene	17.00	178	153965	4.349	ng	99
72) Anthracene	17.09	178	73052	2.103	ng	98
75) Fluoranthene	18.99	202	556704	13.570	ng	99
78) Pyrene	19.34	202	565463	14.973	ng	99
81) Benzo(a)anthracene	21.05	228	340112	9.606	ng	99
83) Chrysene	21.10	228	327567	9.719	ng	98
87) Indeno(1,2,3-cd)pyrene	25.46	276	256832	5.670	ng	# 93
88) Benzo(b)fluoranthene	22.60	252	451613	11.606	ng	98
89) Benzo(k)fluoranthene	22.64	252	154517m	4.031	ng	
90) Benzo(a)pyrene	23.16	252	328786	8.916	ng	98
92) Benzo(a,h,i)perylene	26.13	276	255107	6.888	ng	96

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

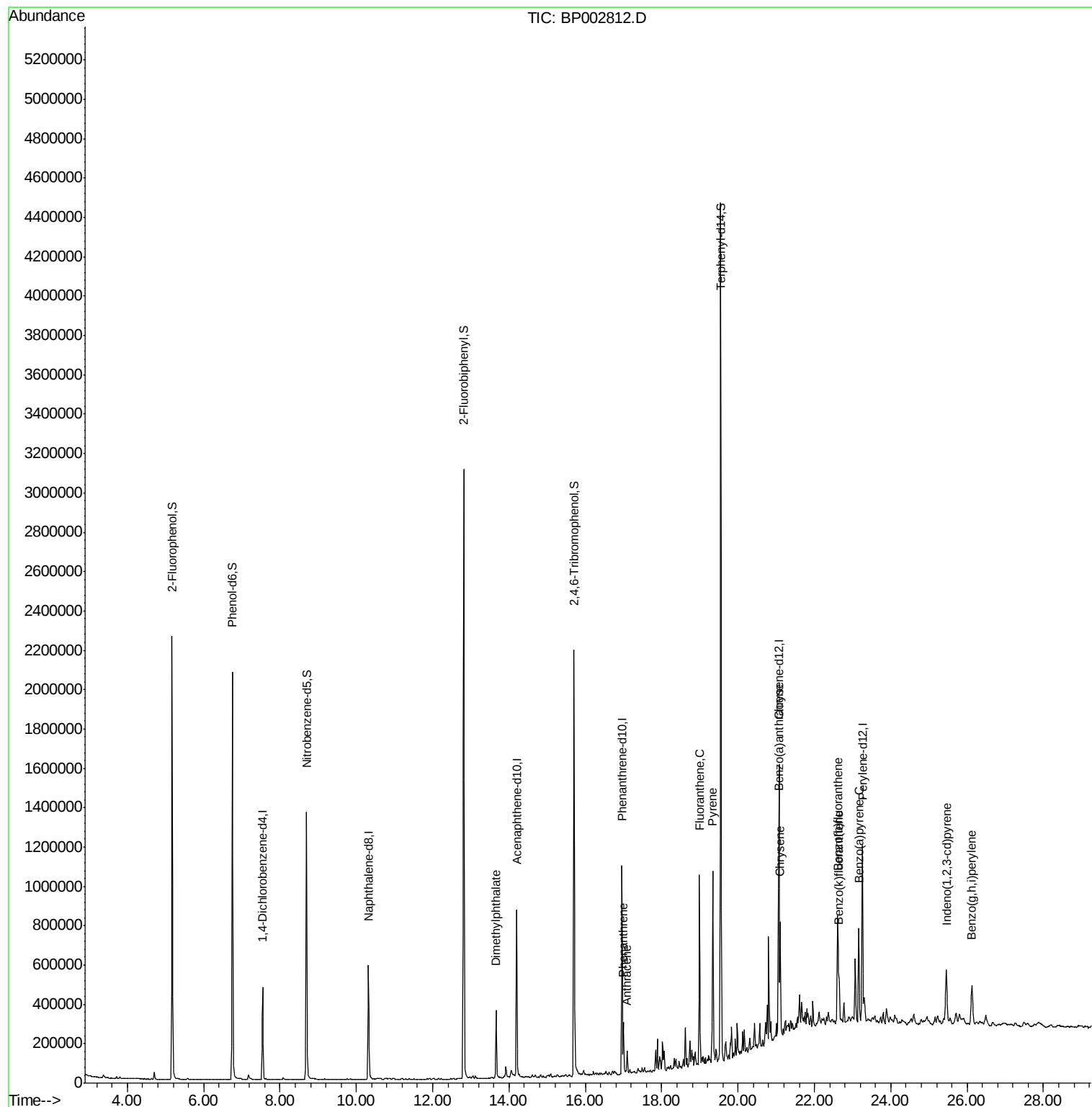
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

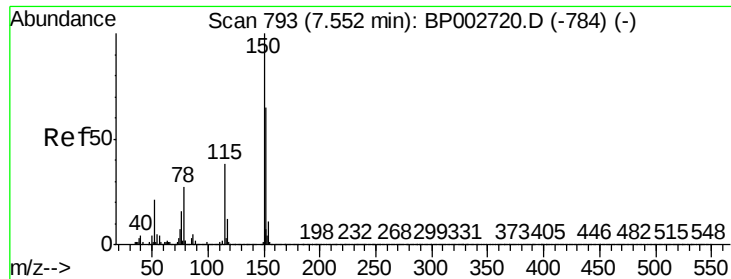
Instrument :
BNA_P
ClientSampleId :
HS-01

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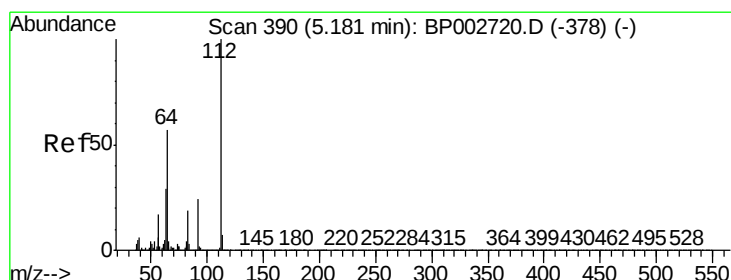
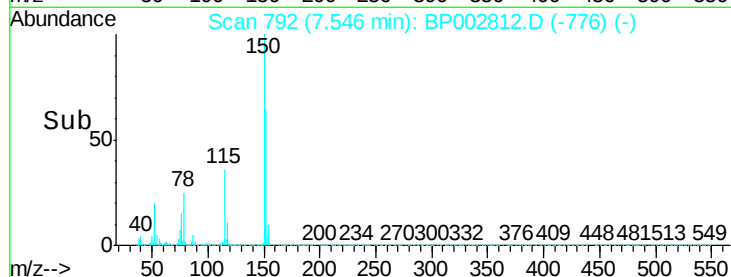
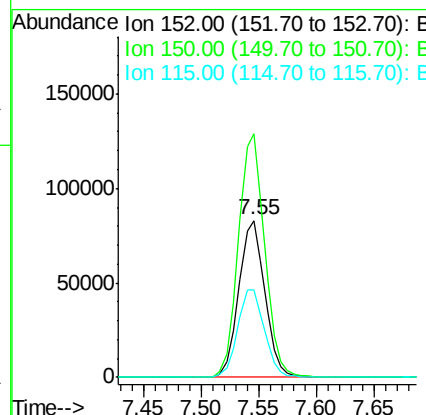
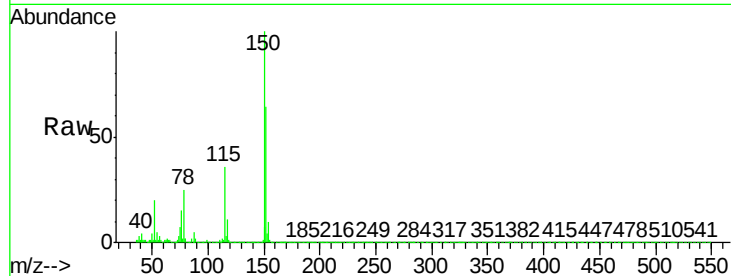
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BP002812.D
 Acq: 21 Jul 2020 14:03

Instrument :
 BNA_P
 ClientSampled :
 HS-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	56.1	47.2	70.8

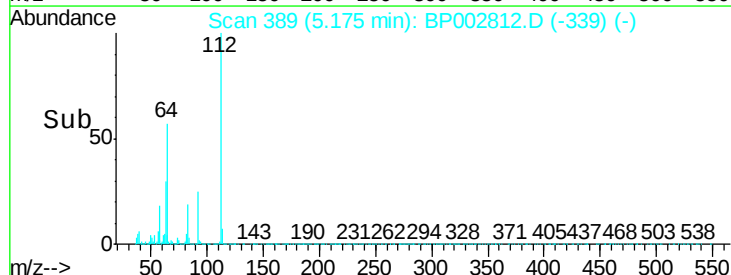
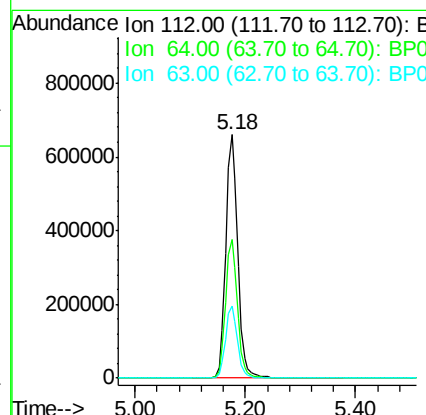
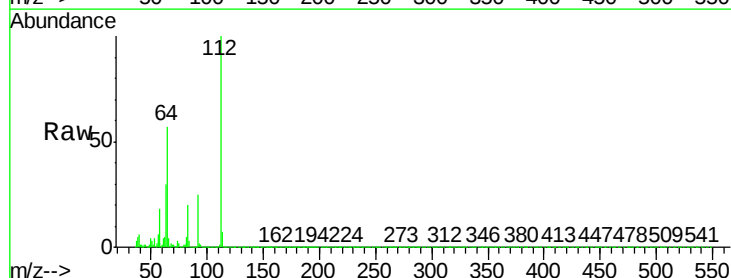
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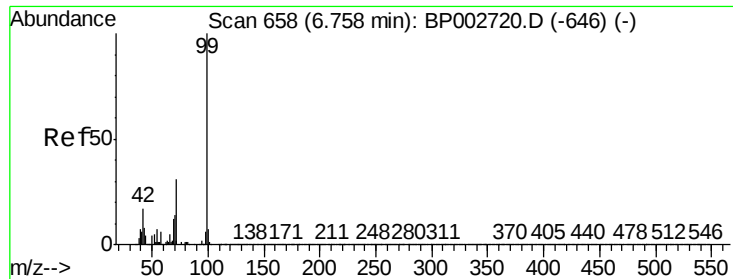
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#5
 2-Fluorophenol
 Concen: 130.837 ng
 RT: 5.18 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BP002812.D
 Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.6	68.4
63	29.8	23.5	35.3





#7

Phenol-d6

Concen: 118.269 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002812.D

Acq: 21 Jul 2020 14:03

Instrument :

BNA_P

ClientSampled :

HS-01

Tot Ion: 99 Resp: 1300592

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.2

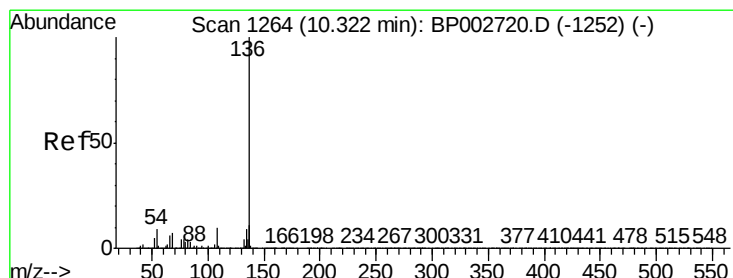
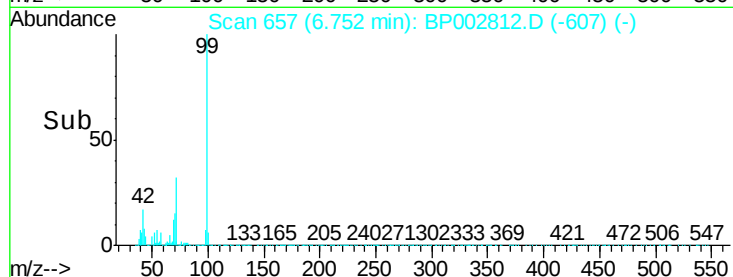
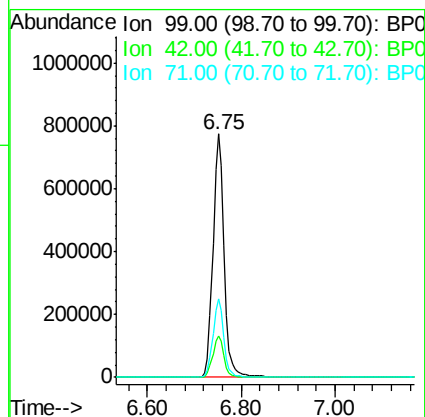
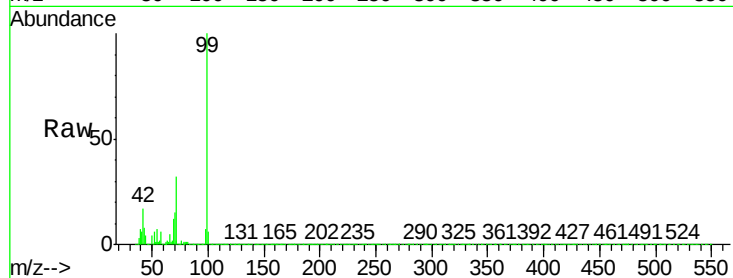
71 32.0 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002812.D

Acq: 21 Jul 2020 14:03

Tgt Ion: 136 Resp: 507321

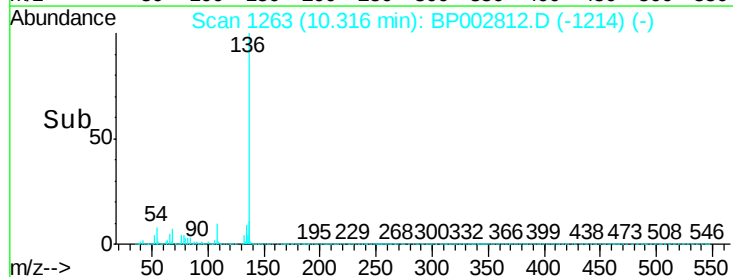
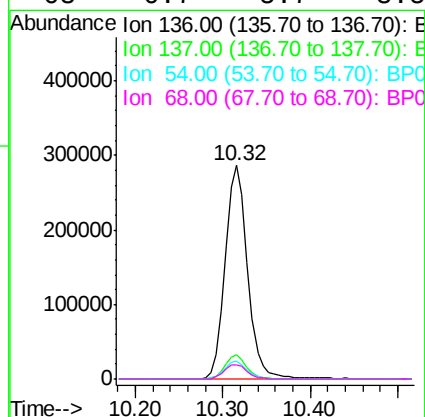
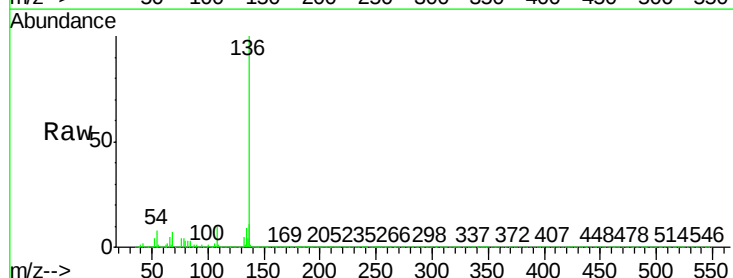
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.2 6.9 10.3

68 6.7 5.7 8.5





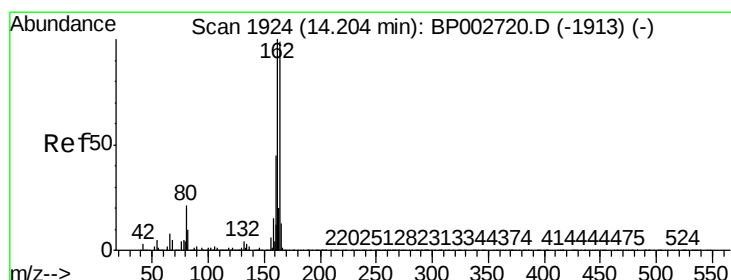
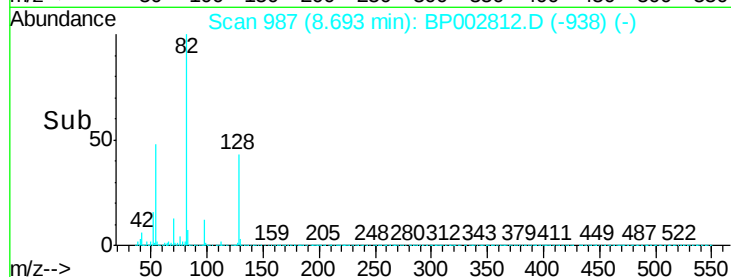
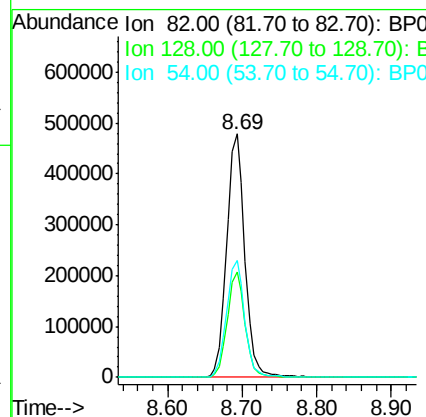
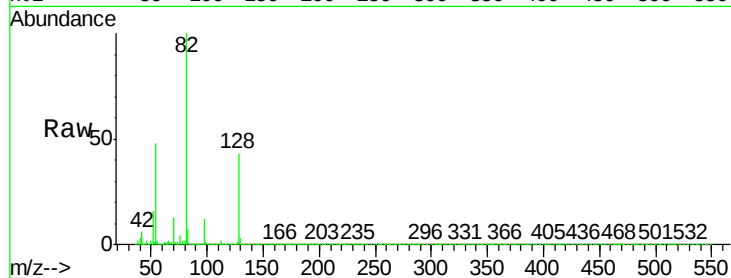
#23
Nitrobenzene-d5
Concen: 85.809 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.8	50.8
54	48.1	38.8	58.2

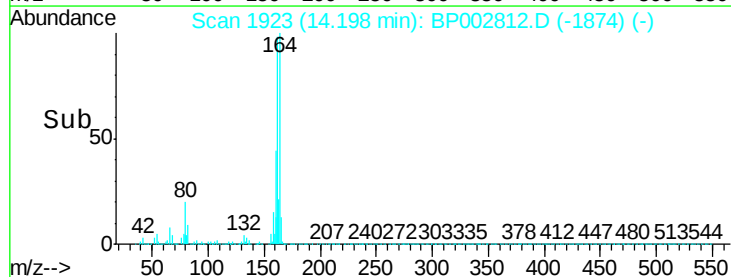
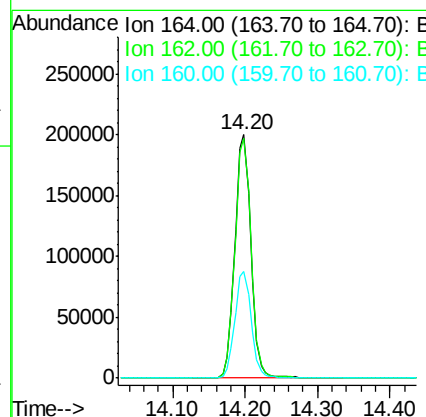
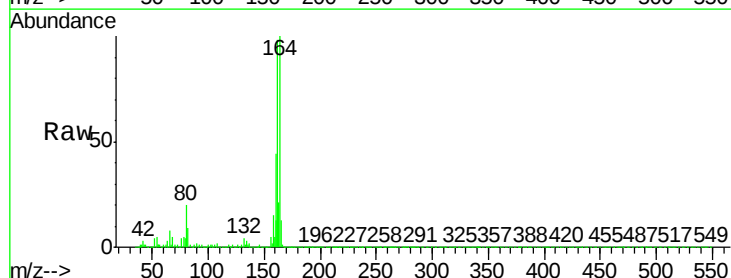
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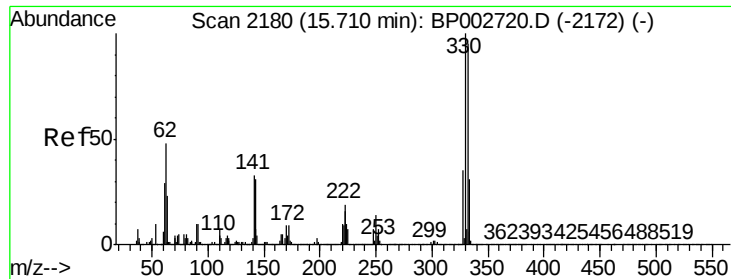
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.6	121.0
160	44.0	36.4	54.6





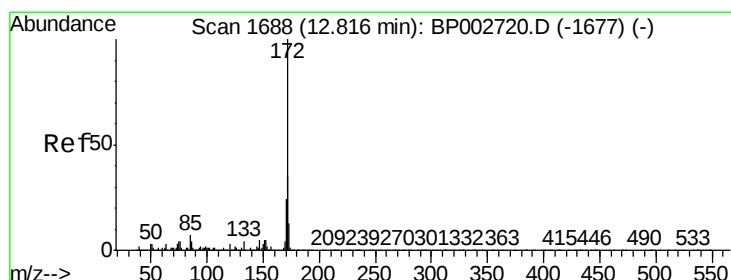
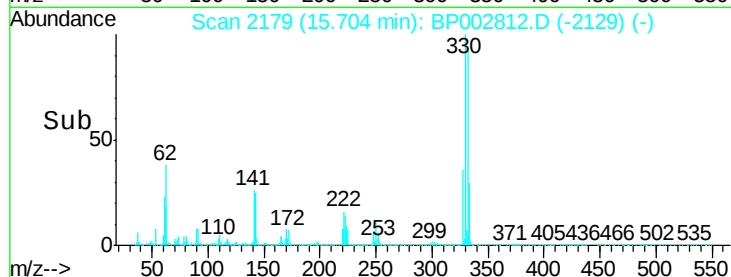
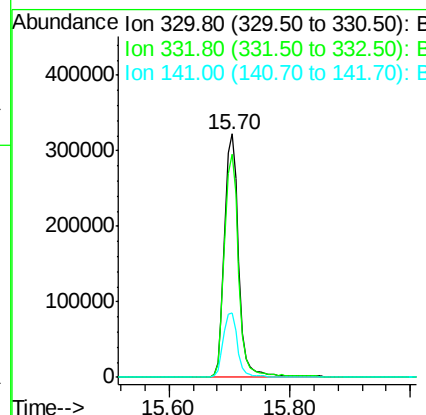
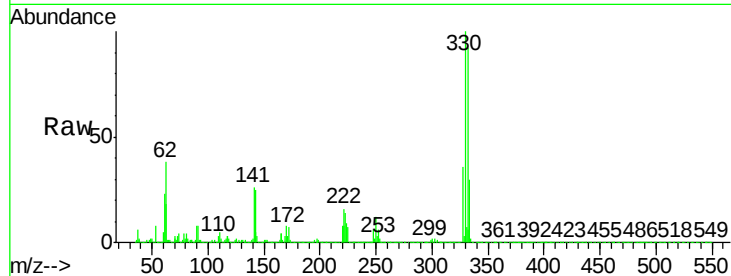
#42
2,4,6-Tribromophenol
Concen: 163.251 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.5	114.7
141	27.3	28.8	43.2#

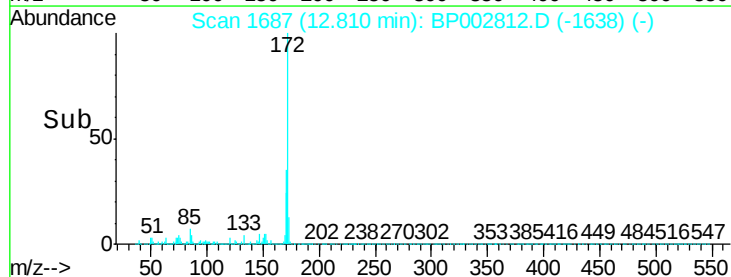
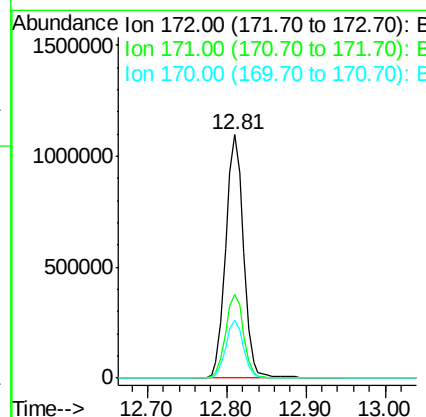
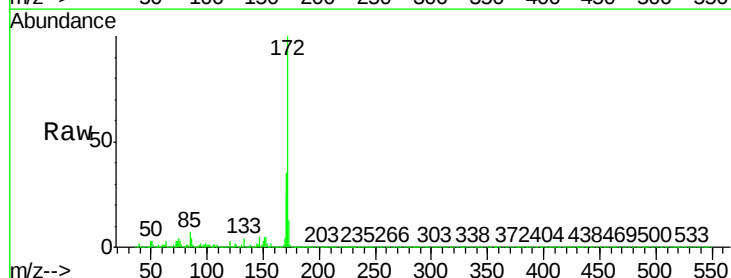
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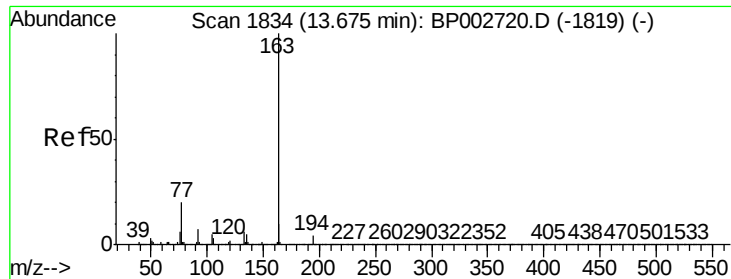
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#45
2-Fluorobiphenyl
Concen: 85.719 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	24.1	19.3	28.9





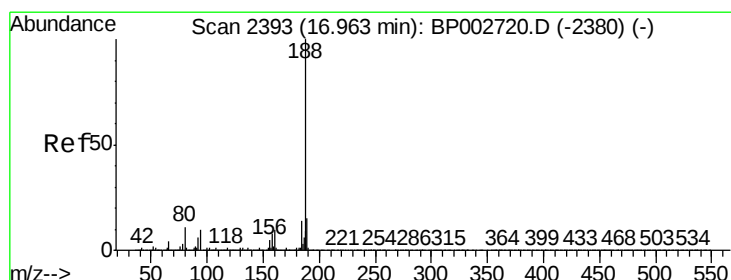
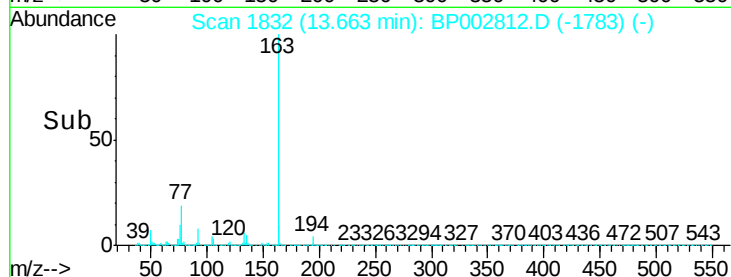
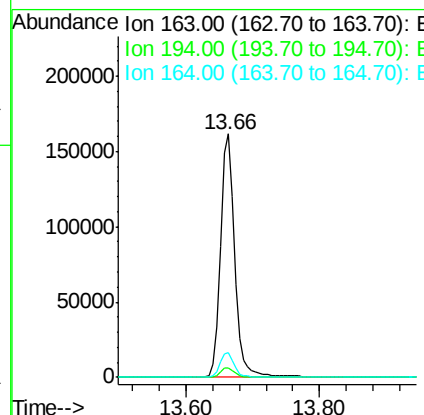
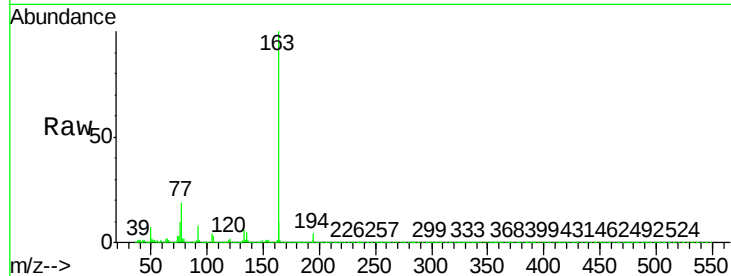
#50
Dimethylphthalate
Concen: 10.355 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	7.8	11.8

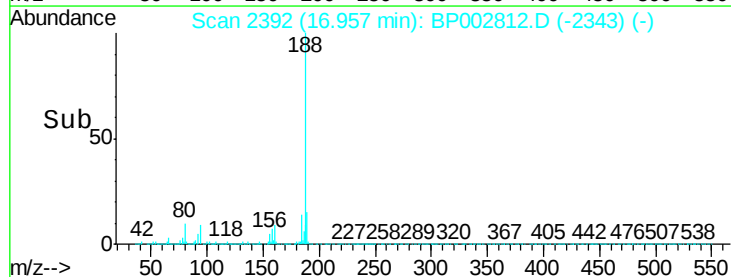
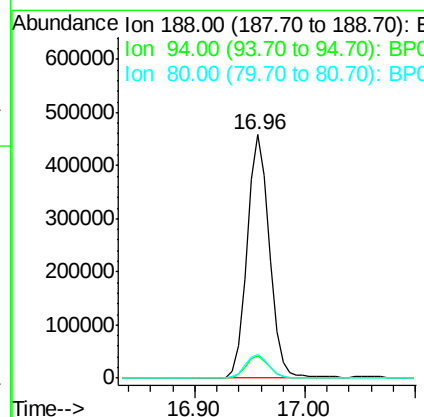
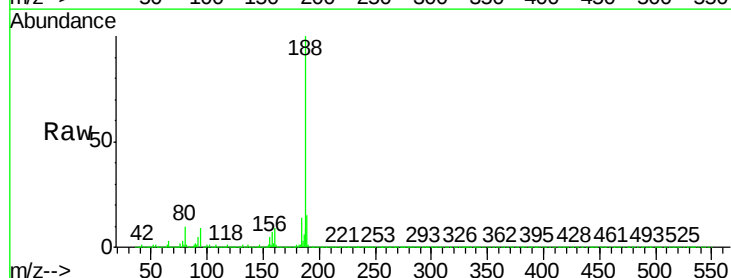
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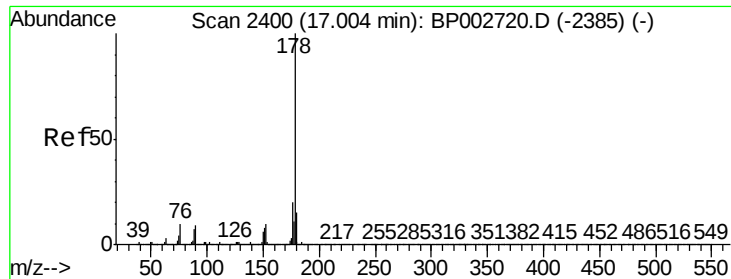
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	9.6	8.9	13.3





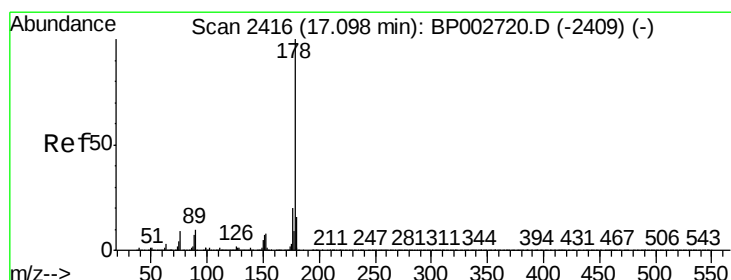
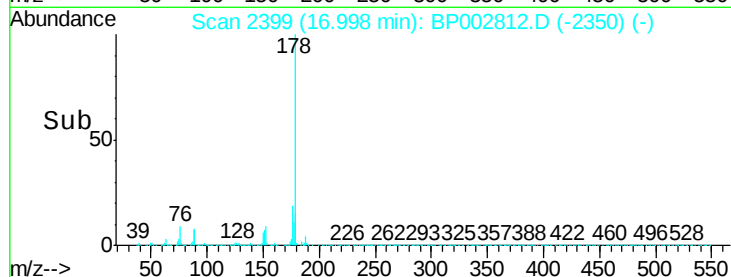
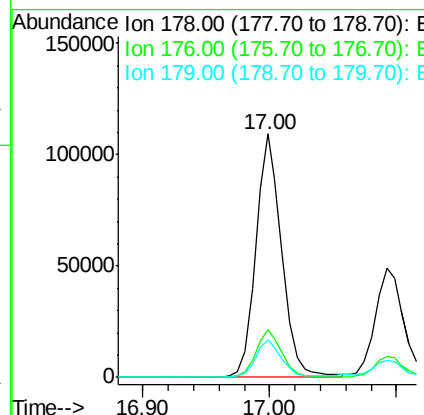
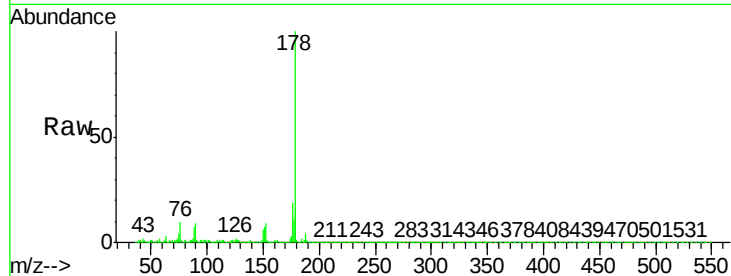
#71
Phenanthrene
Concen: 4.349 ng
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampled :
HS-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.3	18.5

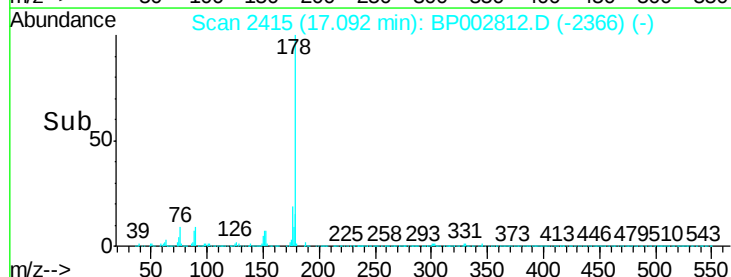
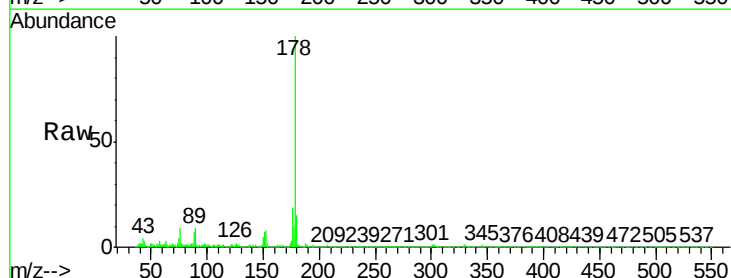
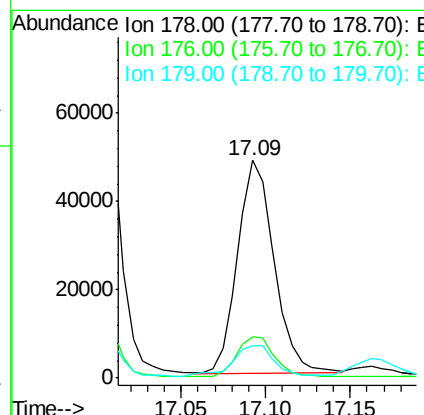
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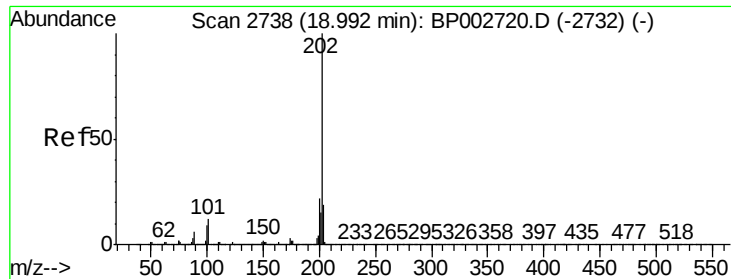
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#72
Anthracene
Concen: 2.103 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.1	12.6	19.0





#75

Fluoranthene

Concen: 13.570 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BP002812.D

Acq: 21 Jul 2020 14:03

Instrument :

BNA_P

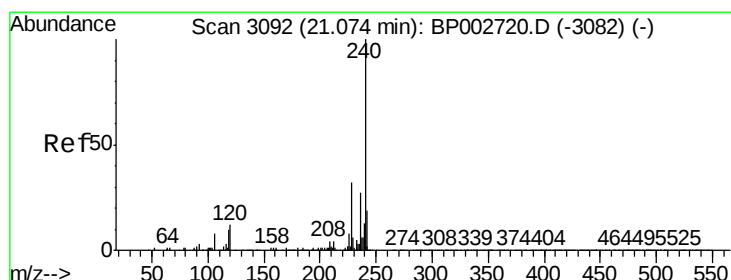
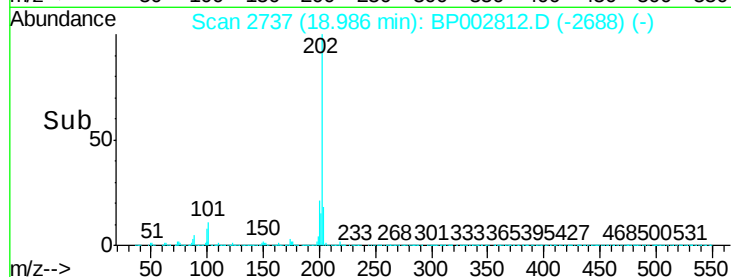
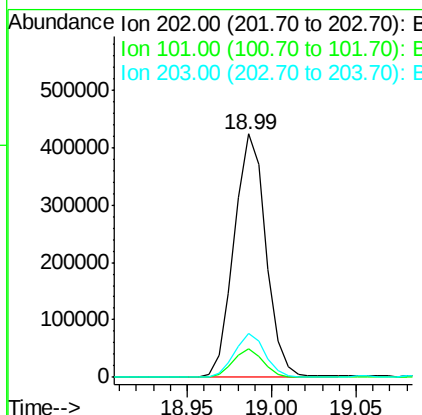
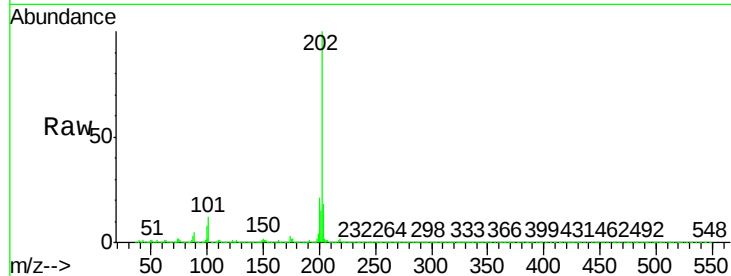
ClientSampled :

HS-01

Tot Ion:	202	Resp:	556704
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.5
203	18.3	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

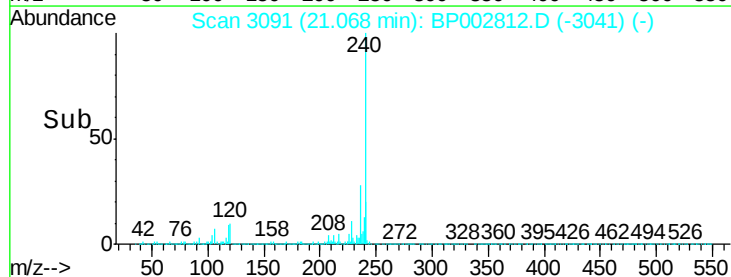
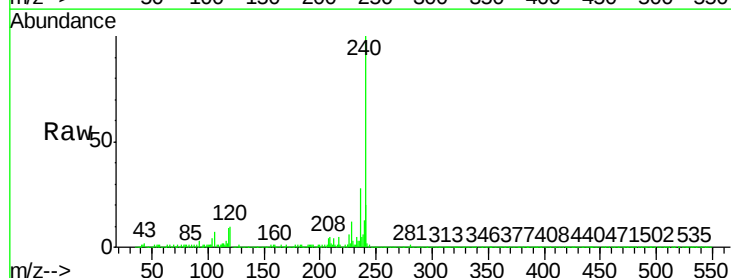
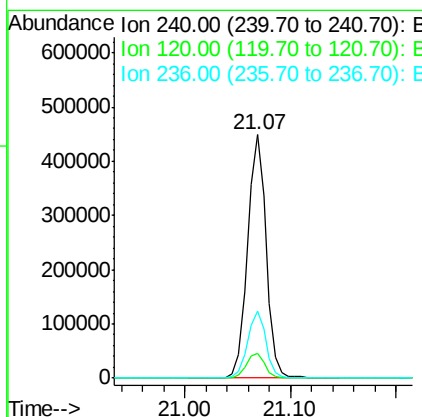
RT: 21.07 min Scan# 3091

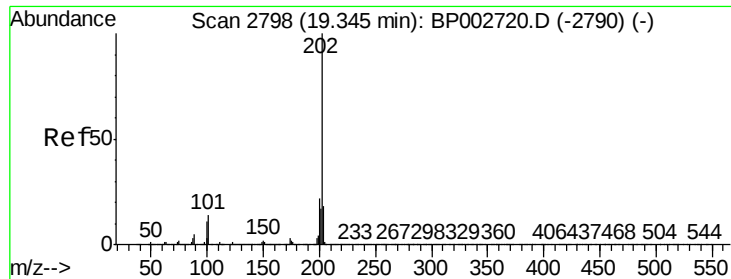
Delta R.T. -0.01 min

Lab File: BP002812.D

Acq: 21 Jul 2020 14:03

Tgt Ion:	240	Resp:	546964
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.4	14.2
236	27.7	21.3	31.9





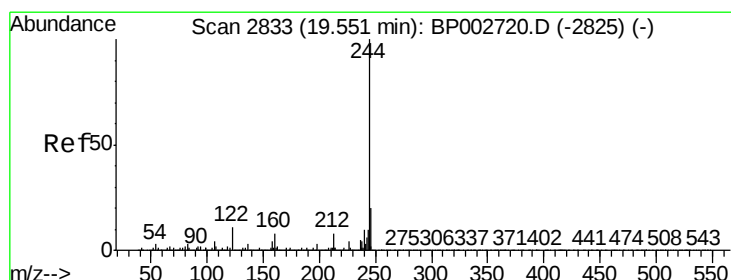
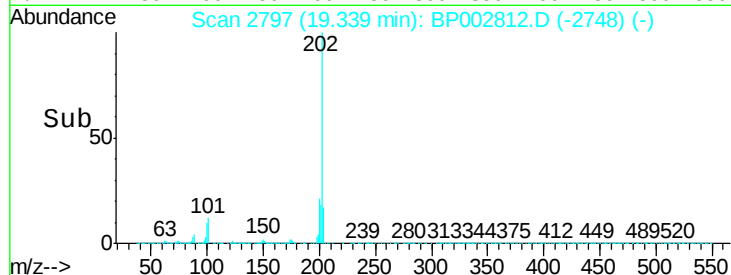
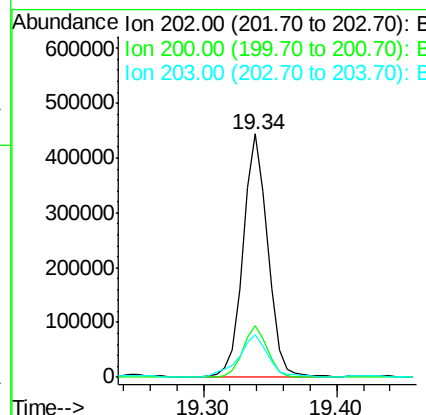
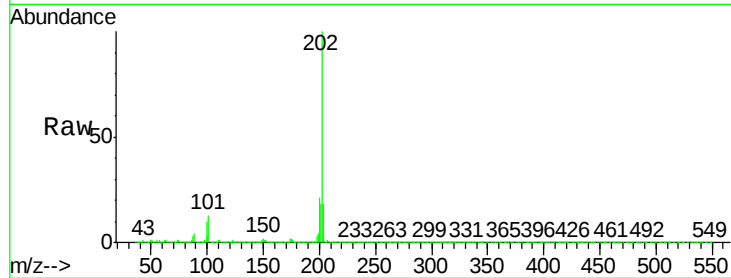
#78
Pvrene
Concen: 14.973 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampled :
HS-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.6	14.5	21.7

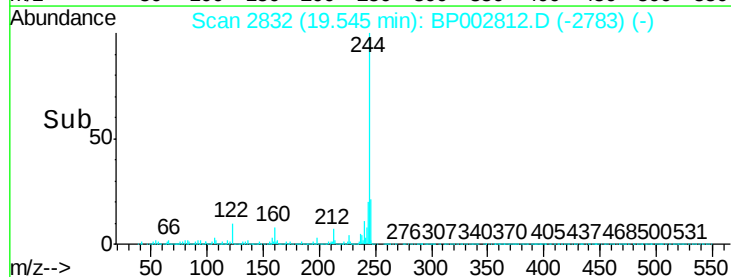
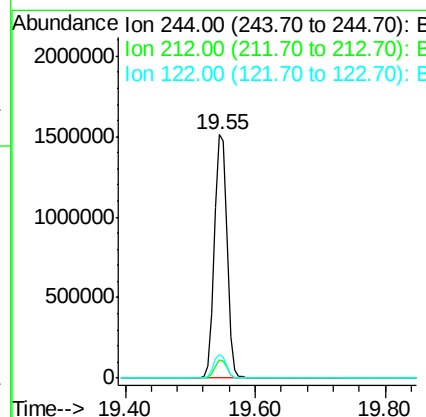
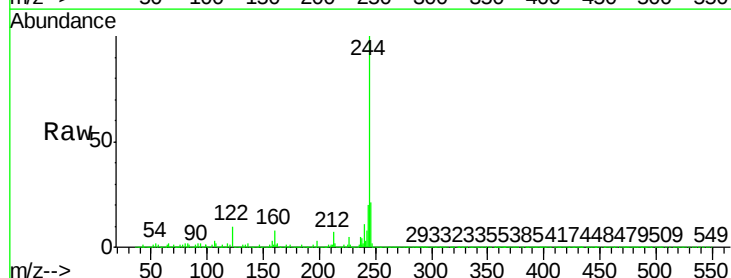
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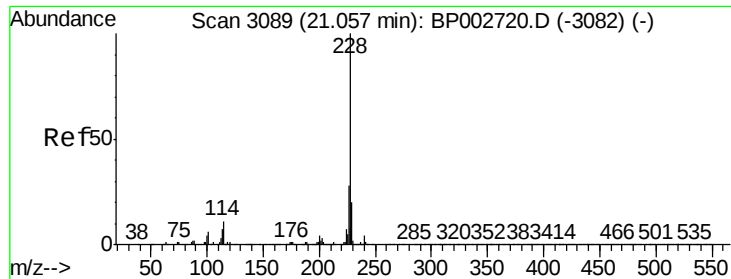
Sohil
7/24/2020 12:10:19 PM



#79
Terphenyl-d14
Concen: 85.352 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.8	8.9	13.3





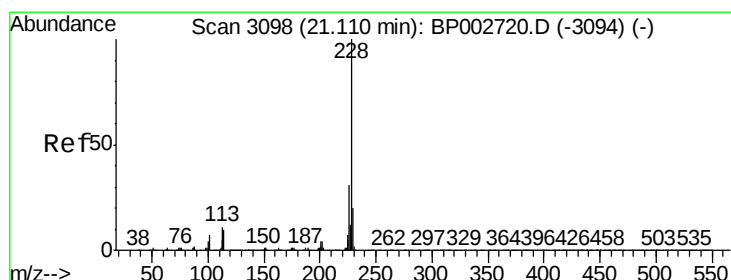
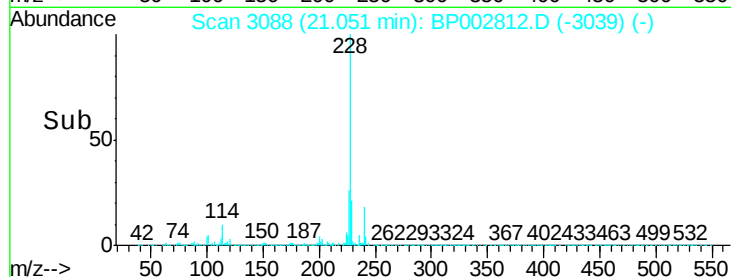
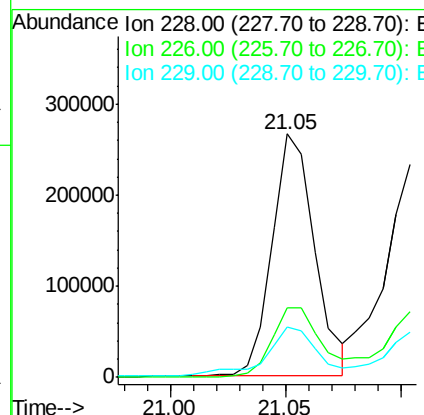
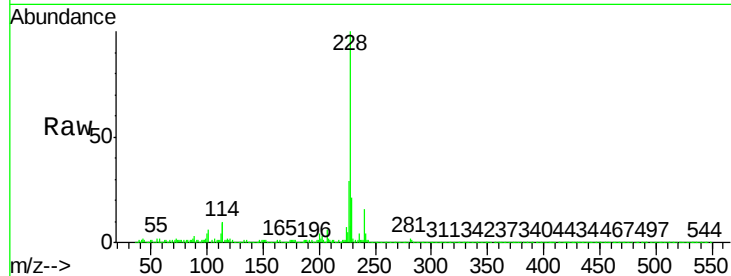
#81
Benzo(a)anthracene
Concen: 9.606 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	20.7	16.0	24.0

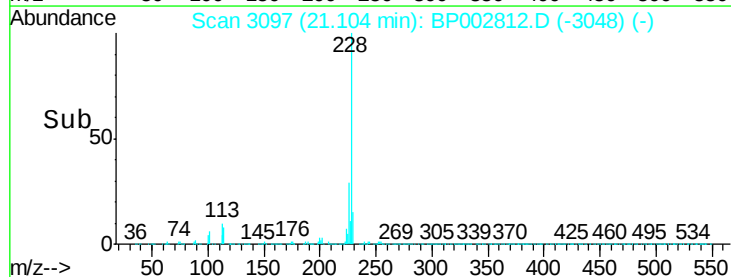
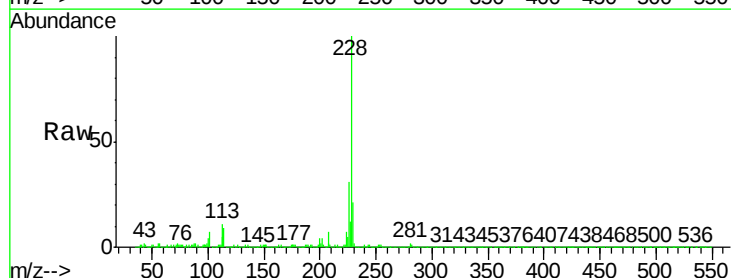
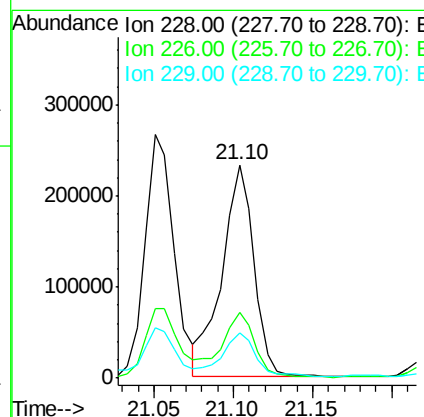
Manual Integrations
APPROVED

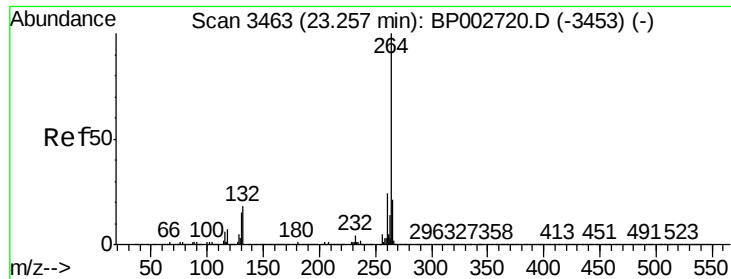
Sohil
7/24/2020 12:10:19 PM



#83
Chrysene
Concen: 9.719 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	21.4	15.7	23.5





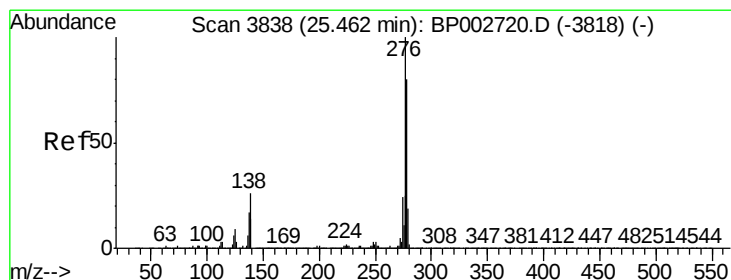
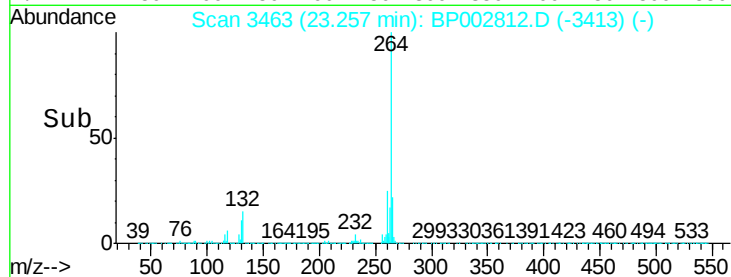
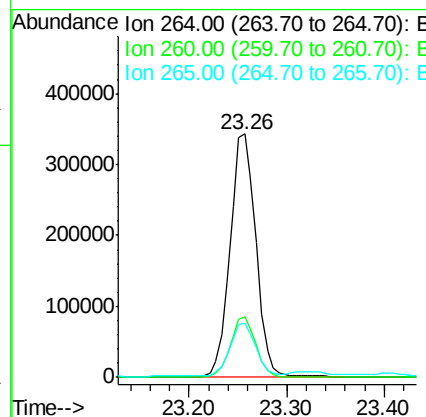
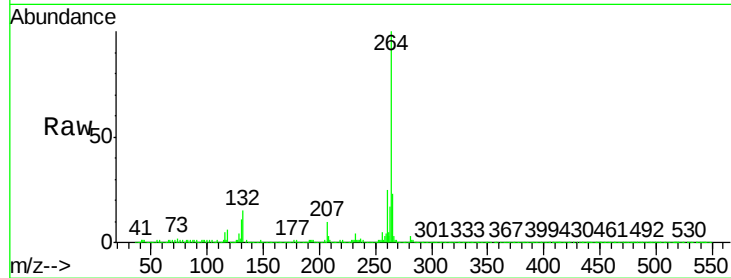
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampled :
HS-01

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.5	16.8	25.2

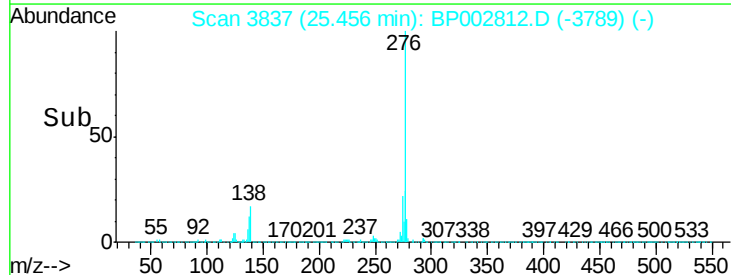
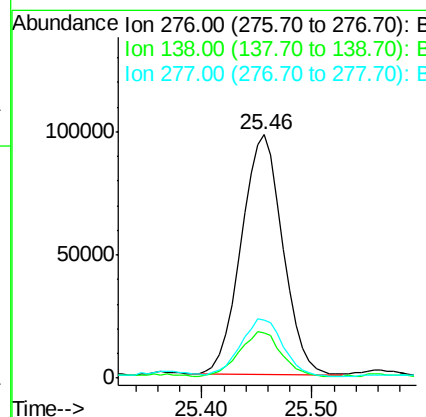
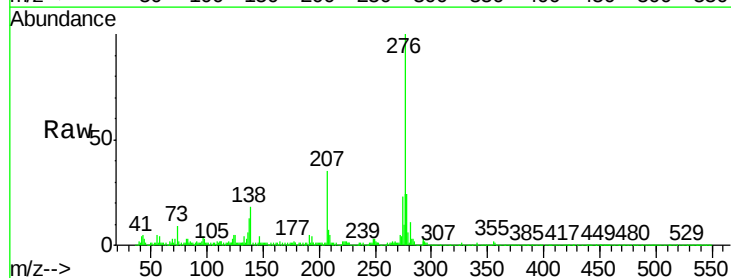
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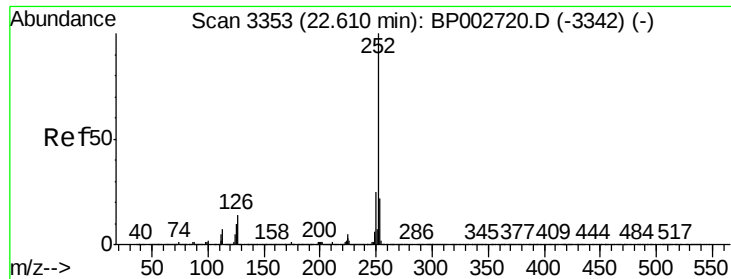
Sohil
7/24/2020 12:10:19 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.670 ng
RT: 25.46 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.9	20.8	31.2#
277	24.7	20.0	30.0





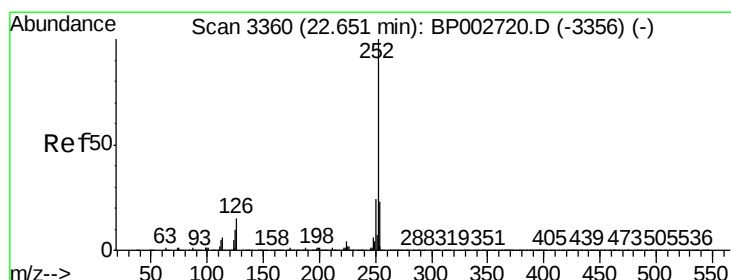
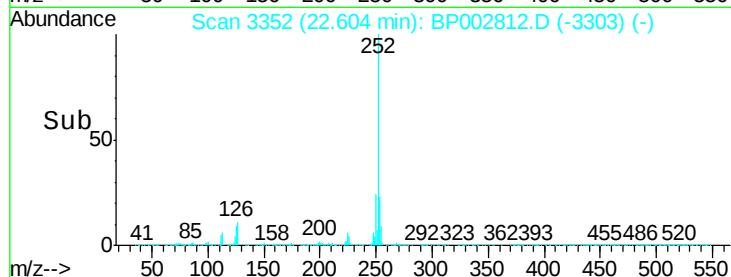
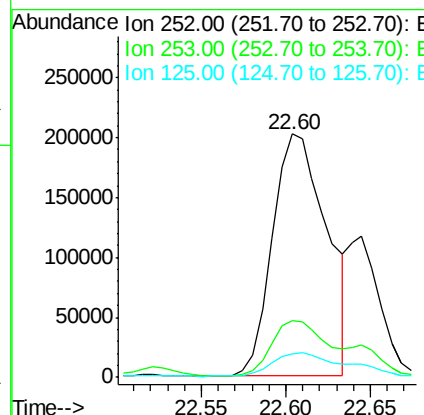
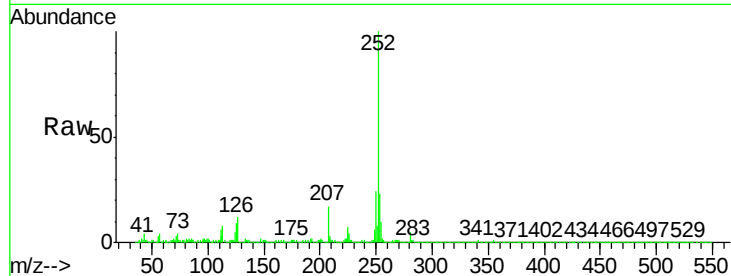
#88
Benzo(b)fluoranthene
Concen: 11.606 ng
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampled :
HS-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.4	8.2	12.2

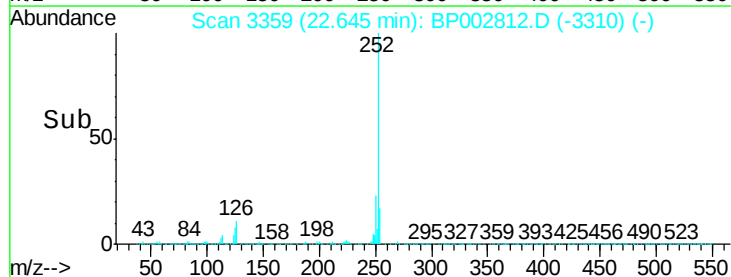
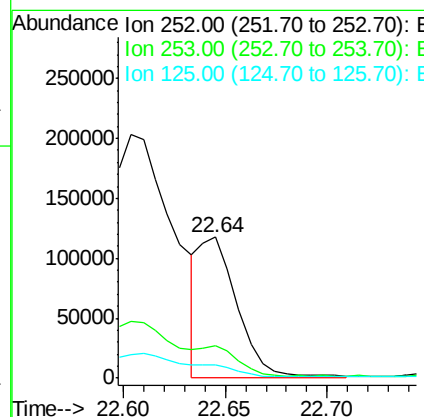
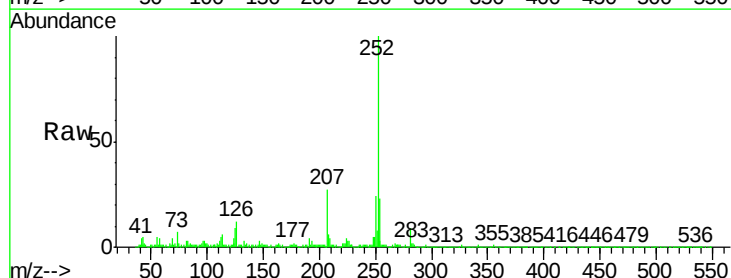
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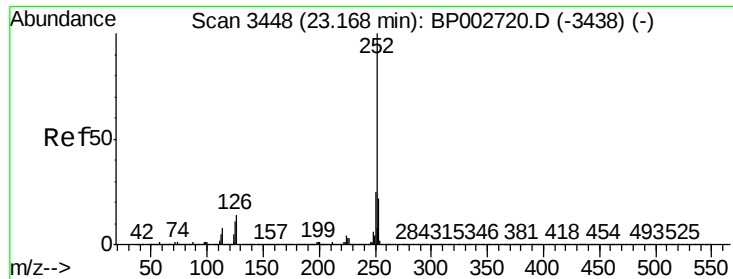
Sohil
7/24/2020 12:10:19 PM



#89
Benzo(k)fluoranthene
Concen: 4.031 ng m
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.0	8.3	12.5





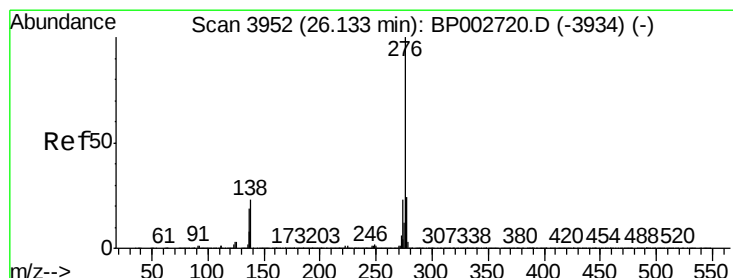
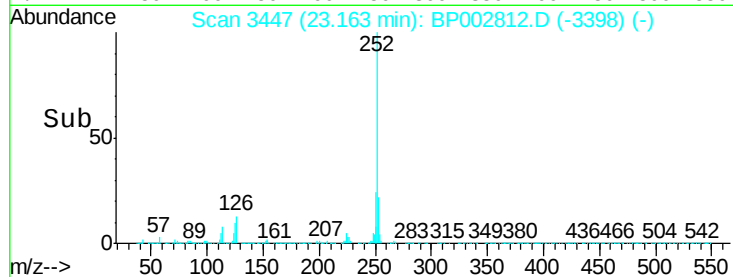
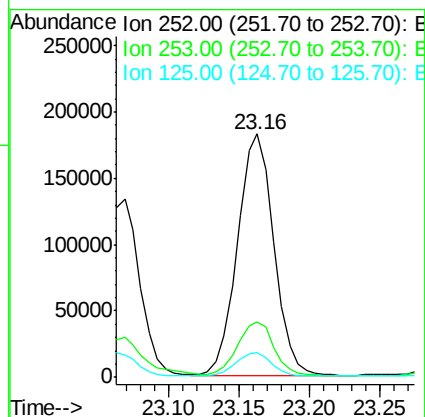
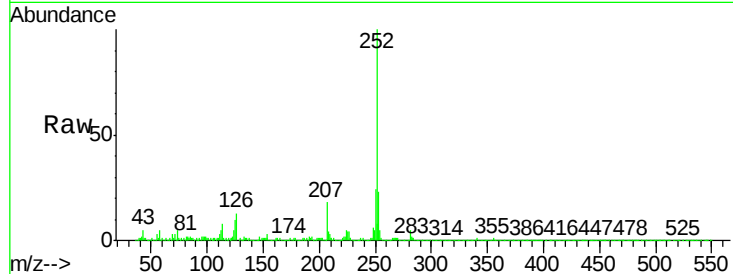
#90
Benzo(a)pyrene
Concen: 8.916 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampled :
HS-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.3	8.6	13.0

Manual Integrations
APPROVED

Sohil
7/24/2020 12:10:19 PM



#92
Benzo(g,h,i)perylene
Concen: 6.888 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	20.2	18.3	27.5

