

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002816.D
 Acq On : 21 Jul 2020 16:20
 Operator : CG/JU
 Sample : L3360-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1B

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:10:23 PM

Quant Time: Jul 31 15:41:16 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	139265	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	513355	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	284206	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	557373	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	616427	20.00	ng	0.00
86) Perylene-d12	23.26	264	678648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	444074	53.80	ng	0.00
7) Phenol-d6	6.75	99	815390	69.22	ng	0.00
23) Nitrobenzene-d5	8.69	82	544243	56.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	143592	48.40	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1102015	59.98	ng	-0.01
79) Terphenyl-d14	19.55	244	1329107	49.43	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.66	163	157340	7.259	ng	99
71) Phenanthrene	17.00	178	260343	8.627	ng	99
75) Fluoranthene	18.99	202	765488	21.891	ng	97
78) Pyrene	19.34	202	685270	16.101	ng	99
81) Benzo(a)anthracene	21.06	228	428923	10.749	ng	98
83) Chrysene	21.10	228	424328	11.171	ng	97
87) Indeno(1,2,3-cd)pyrene	25.46	276	252278	5.143	ng	# 93
88) Benzo(b)fluoranthene	22.60	252	540333m	12.822	ng	
89) Benzo(k)fluoranthene	22.65	252	189095m	4.556	ng	
90) Benzo(a)pyrene	23.16	252	375346	9.399	ng	95
92) Benzo(g,h,i)perylene	26.14	276	261166	6.512	ng	96

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

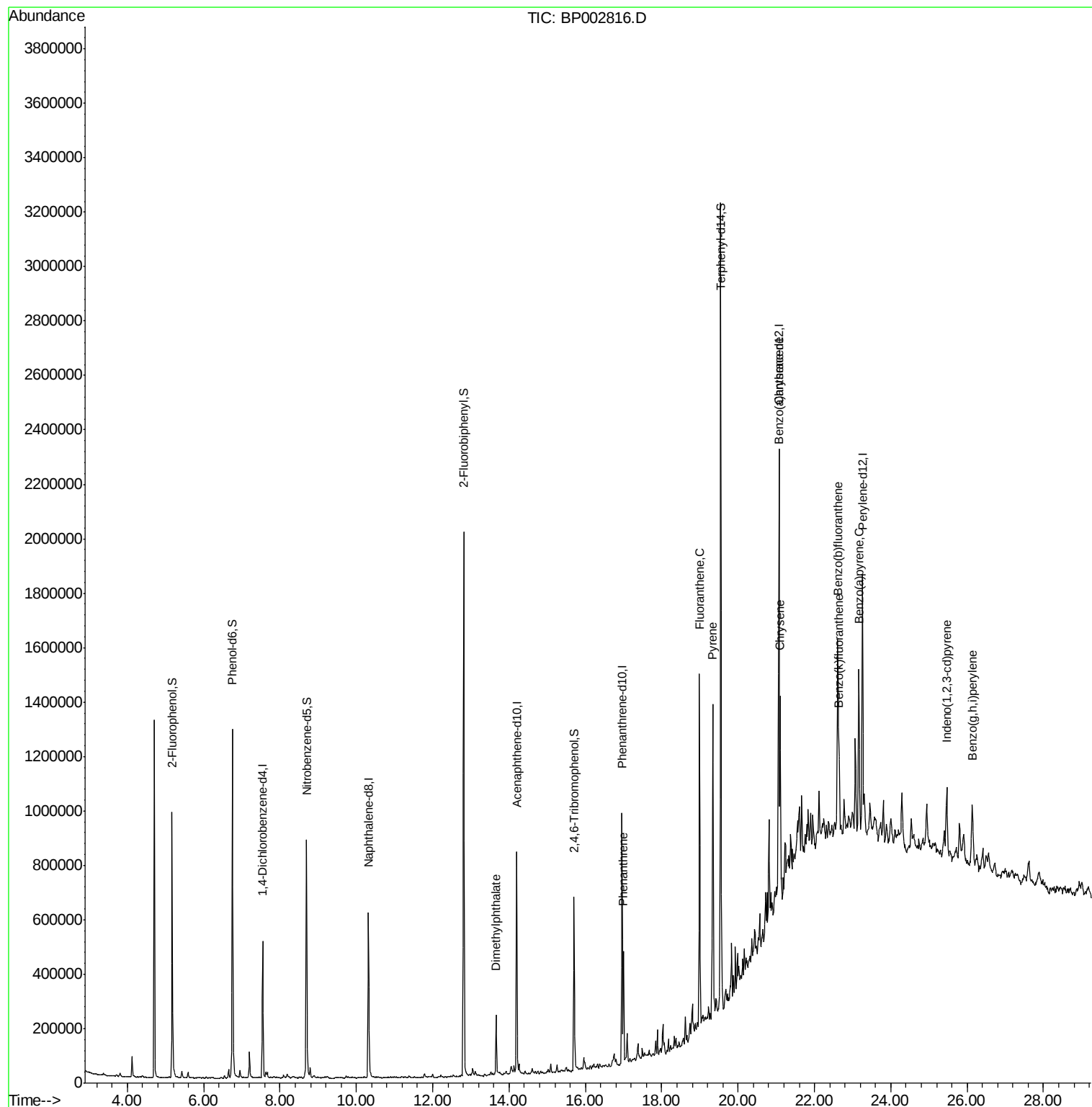
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

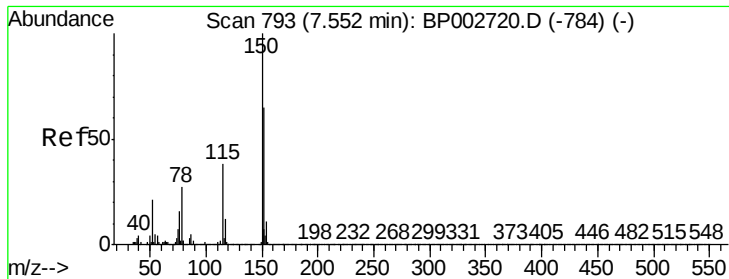
Instrument :
BNA_P
ClientSampleId :
SP-1B

Manual Integrations
APPROVED

Sohil
7/24/2020 12:10:23 PM

Quant Time: Jul 31 15:41:16 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





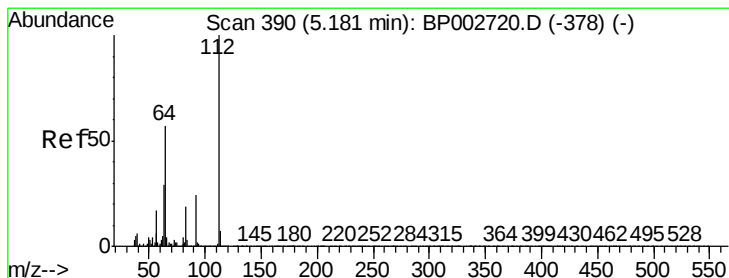
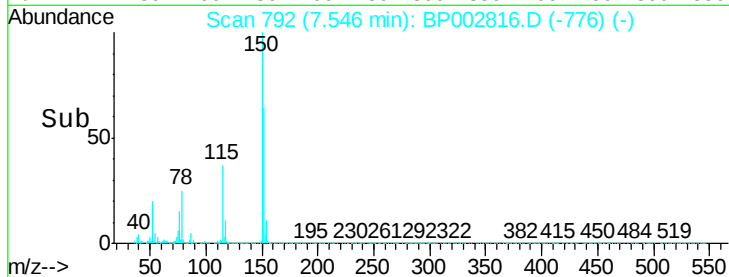
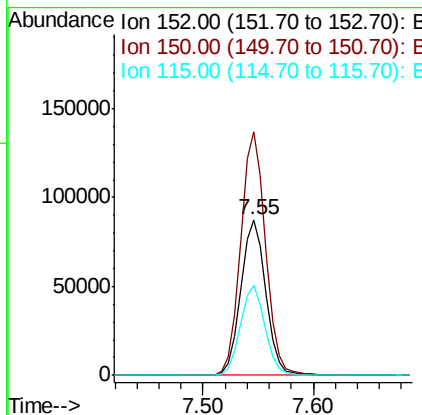
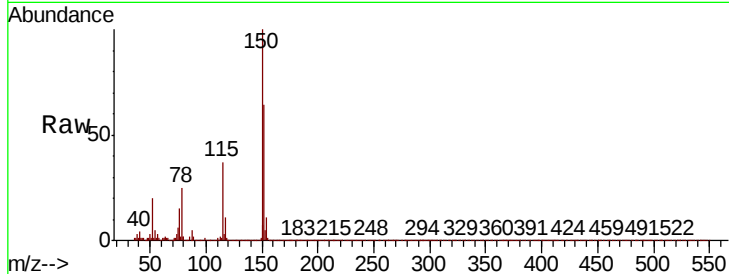
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Instrument :
 BNA_P
 ClientSampleId :
 SP-1B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	57.8	47.2	70.8

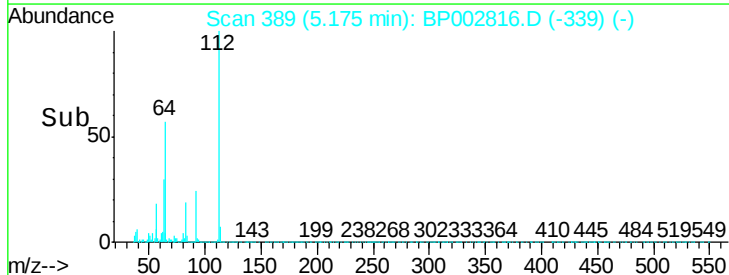
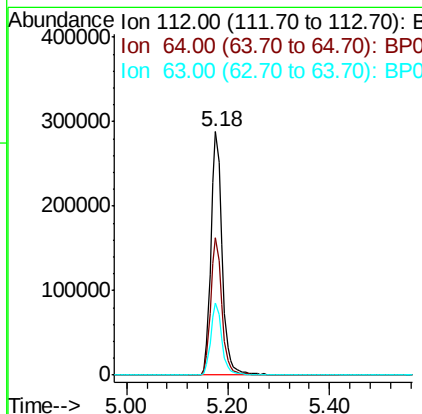
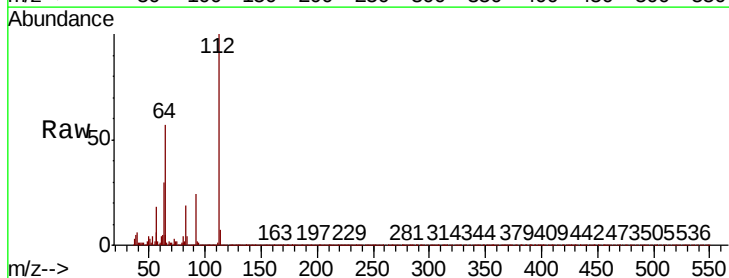
Manual Integrations
 APPROVED

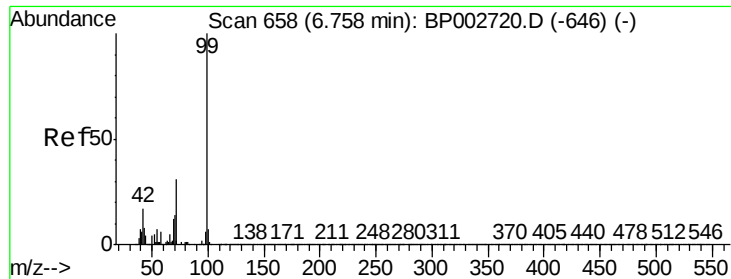
Sohil
 7/24/2020 12:10:23 PM



#5
 2-Fluorophenol
 Concen: 53.799 ng
 RT: 5.18 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.6	68.4
63	29.6	23.5	35.3





#7

Phenol-d6

Concen: 69.217 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002816.D

Acq: 21 Jul 2020 16:20

Instrument :

BNA_P

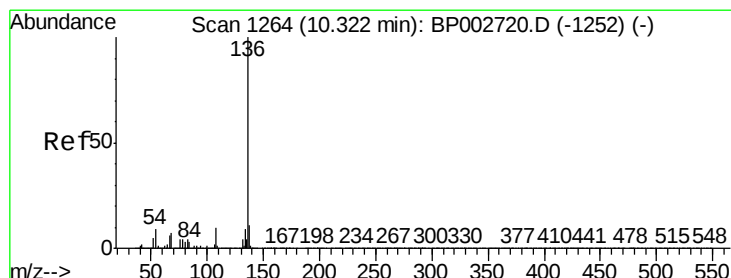
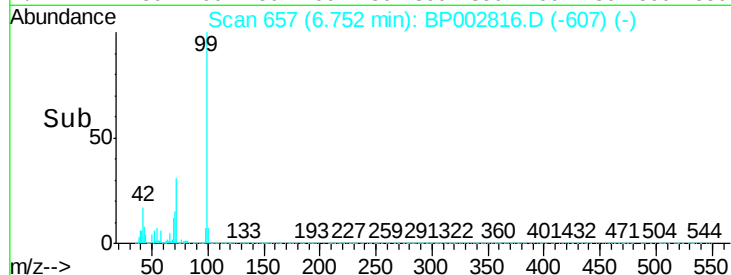
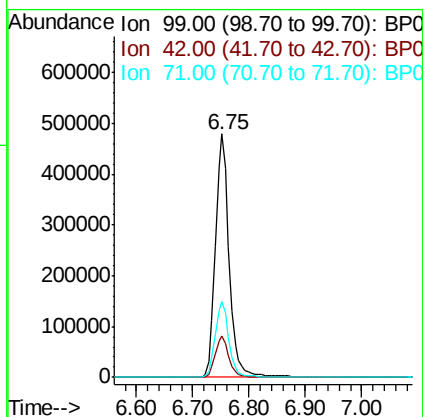
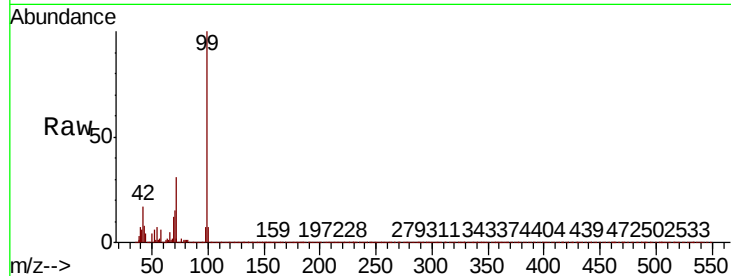
ClientSampleId :

SP-1B

Tot Ion:	99	Resp:	815390
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.4	20.2
71	31.2	24.6	36.8

Manual Integrations
APPROVED

Sohil
7/24/2020 12:10:23 PM



#21

Naphthalene-d8

Concen: 20.000 ng

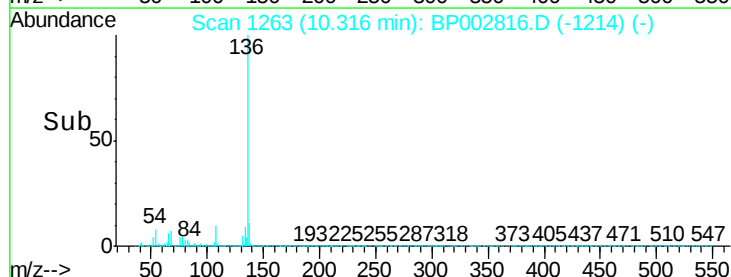
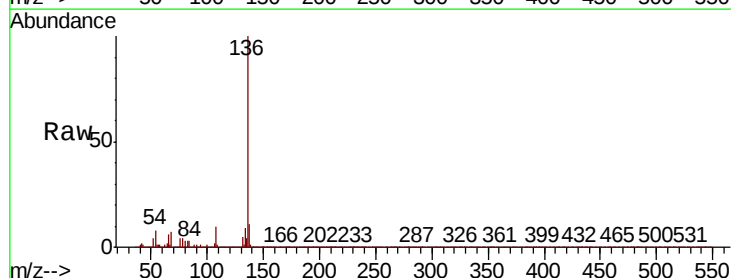
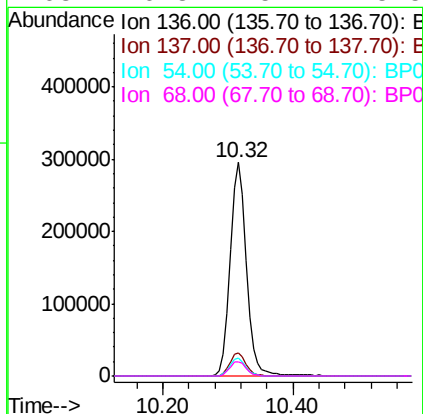
RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002816.D

Acq: 21 Jul 2020 16:20

Tgt Ion:	136	Resp:	513355
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.2	6.9	10.3
68	6.8	5.7	8.5





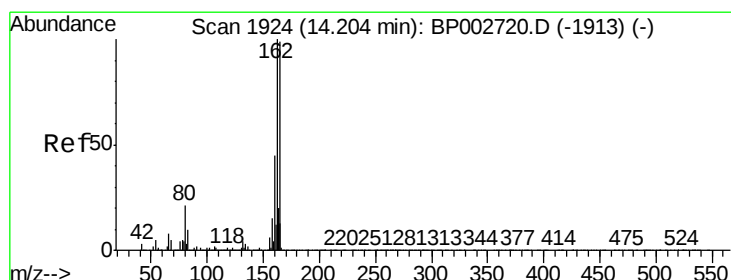
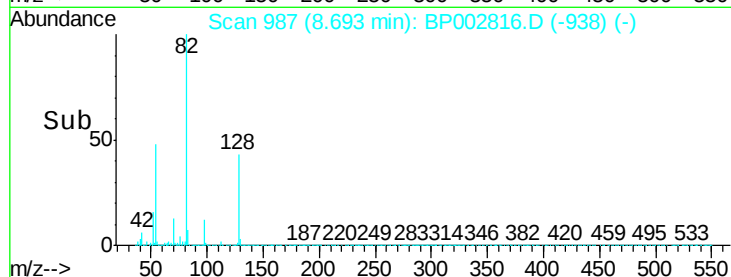
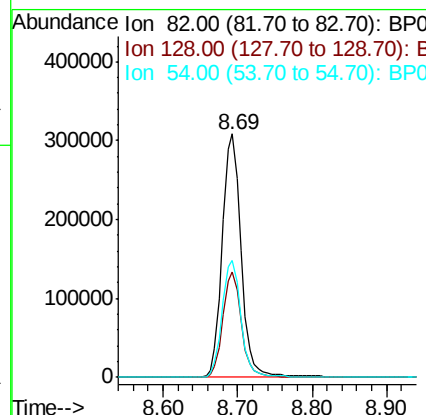
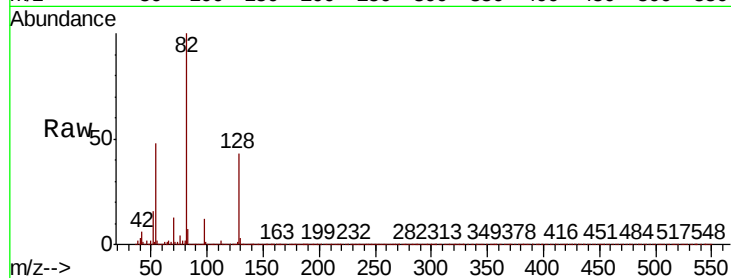
#23
Nitrobenzene-d5
Concen: 56.702 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Instrument :
BNA_P
ClientSampleId :
SP-1B

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.8	50.8
54	47.9	38.8	58.2

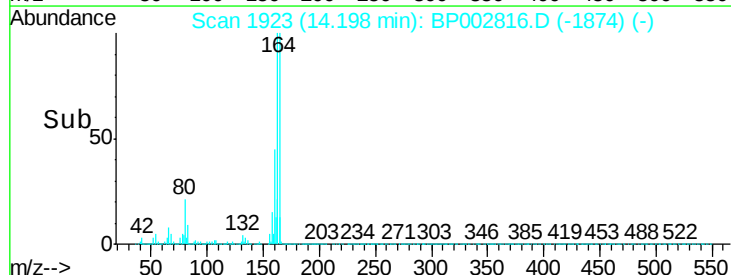
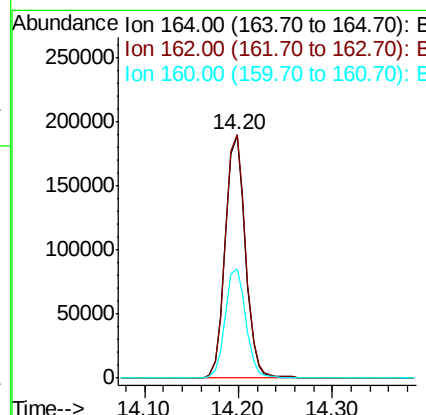
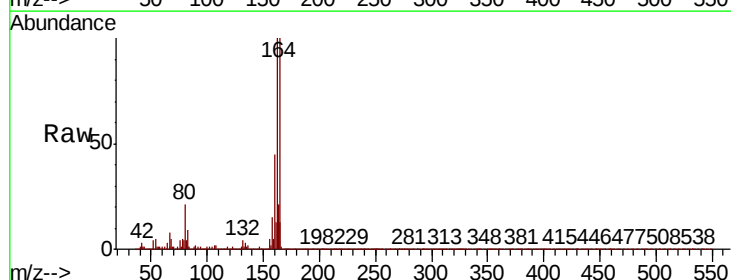
Manual Integrations
APPROVED

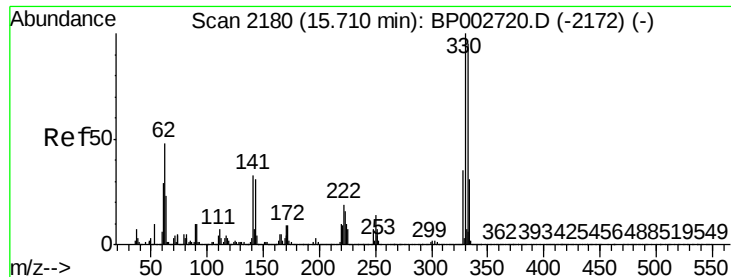
Sohil
7/24/2020 12:10:23 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	45.2	36.4	54.6





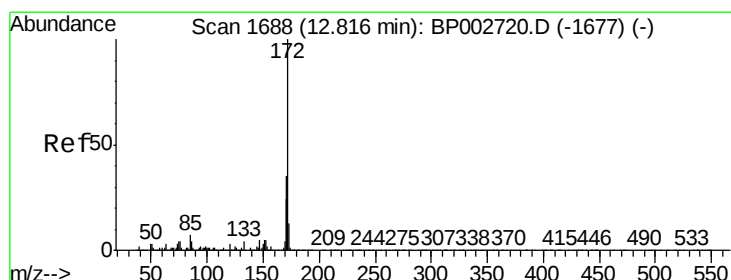
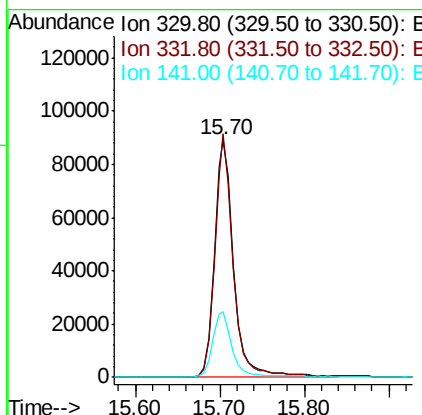
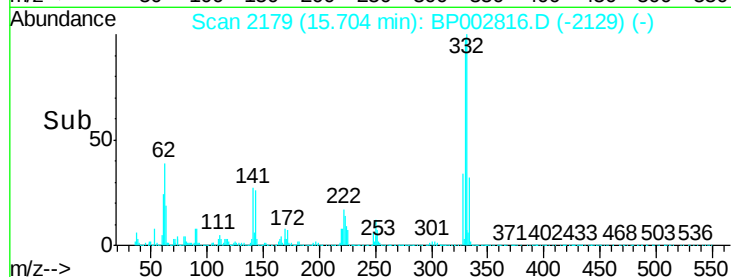
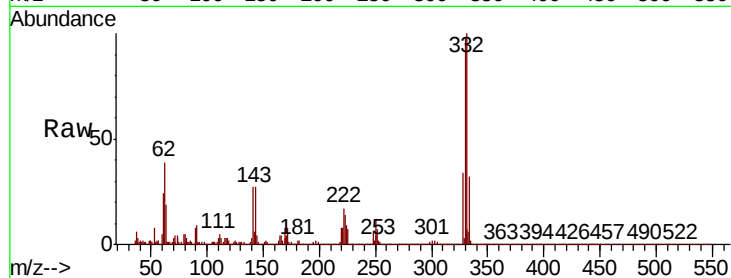
#42
 2,4,6-Tribromophenol
 Concen: 48.402 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Instrument :
 BNA_P
 ClientSampleId :
 SP-1B

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.5	114.7	
141	27.7	28.8	43.2	

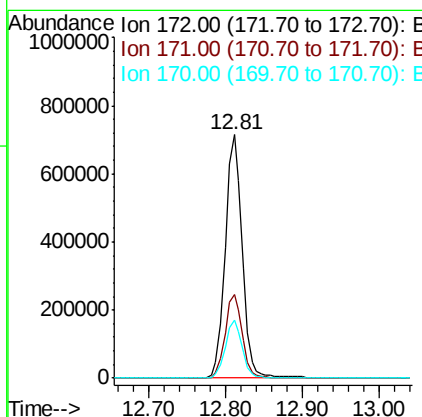
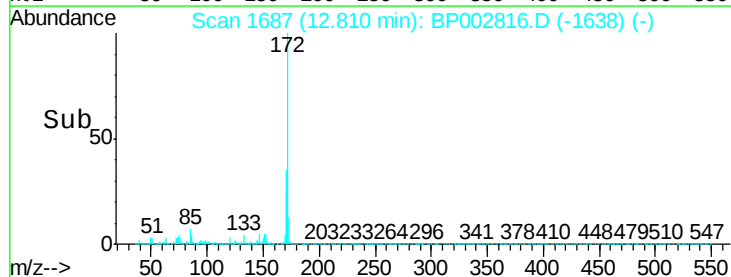
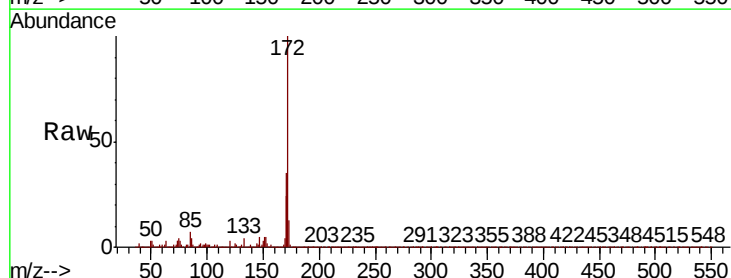
Manual Integrations
 APPROVED

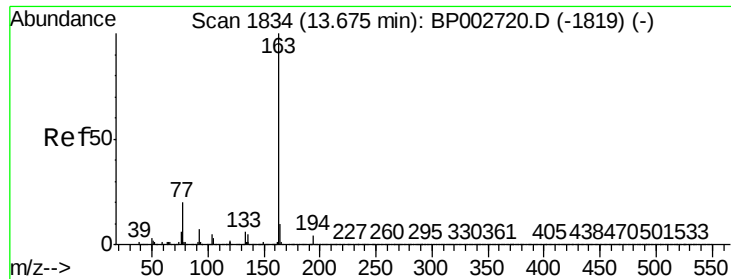
Sohil
 7/24/2020 12:10:23 PM



#45
 2-Fluorobiphenyl
 Concen: 59.984 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	28.1	42.1	
170	23.8	19.3	28.9	





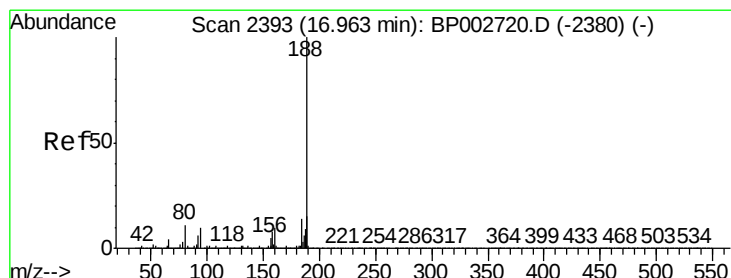
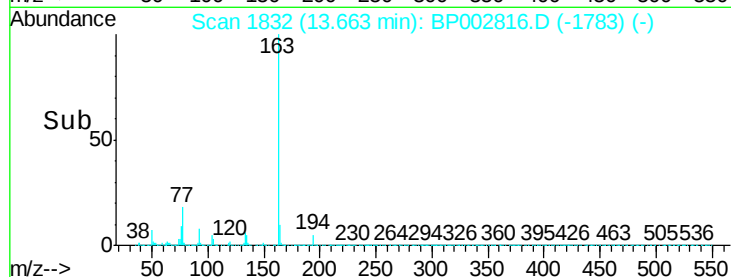
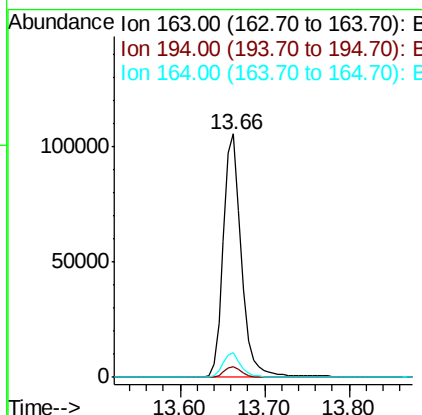
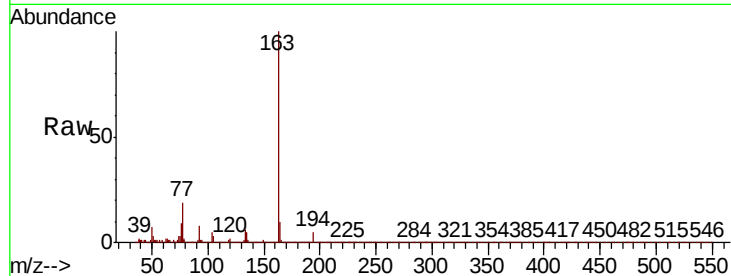
#50
Dimethylphthalate
Concen: 7.259 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Instrument :
BNA_P
ClientSampled :
SP-1B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.1	7.8	11.8

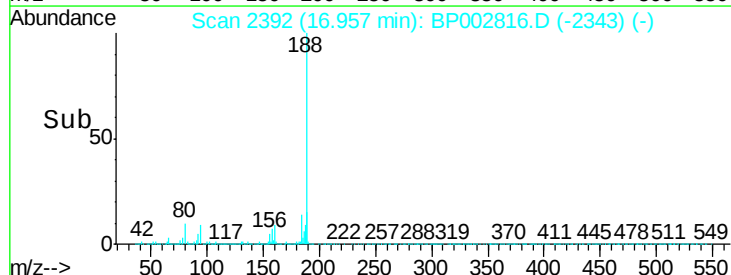
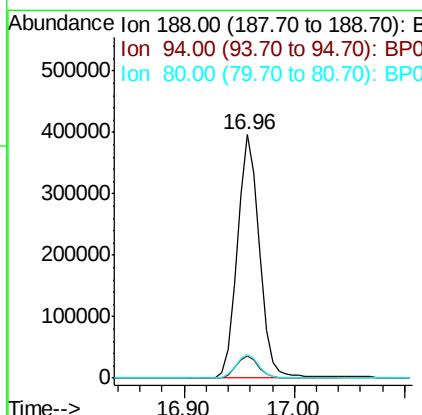
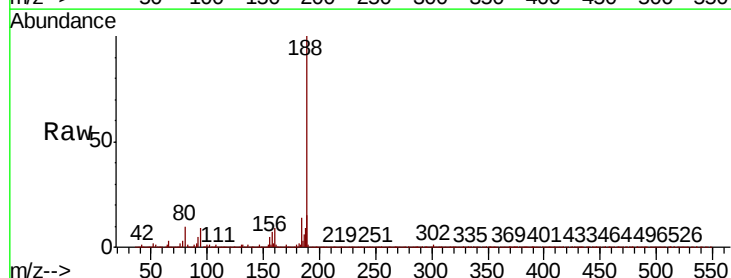
Manual Integrations
APPROVED

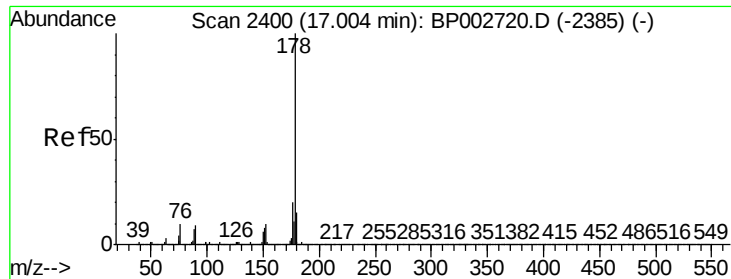
Sohil
7/24/2020 12:10:23 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.7	8.9	13.3





#71

Phenanthrene

Concen: 8.627 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002816.D

Acq: 21 Jul 2020 16:20

Instrument :

BNA_P

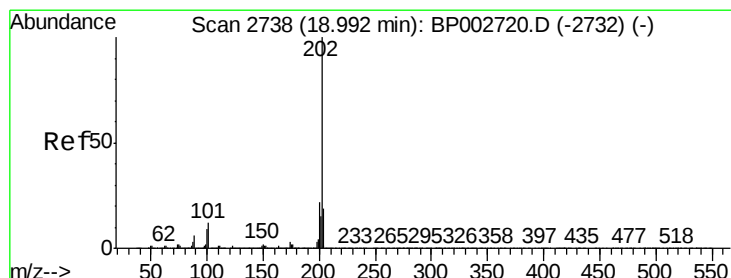
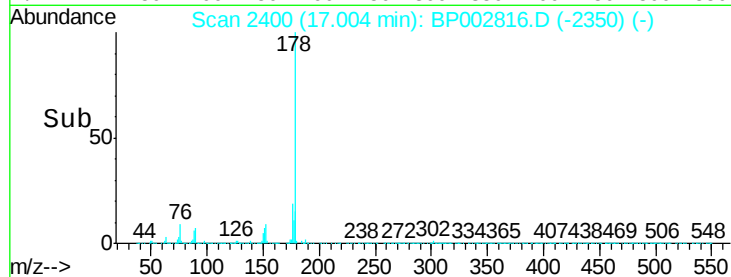
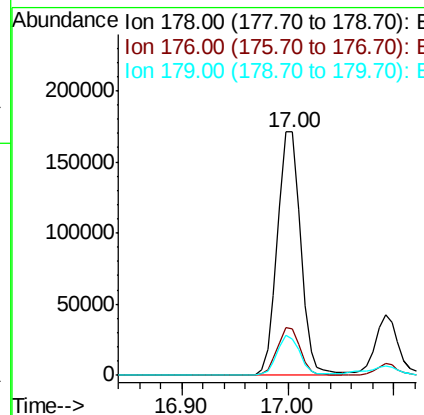
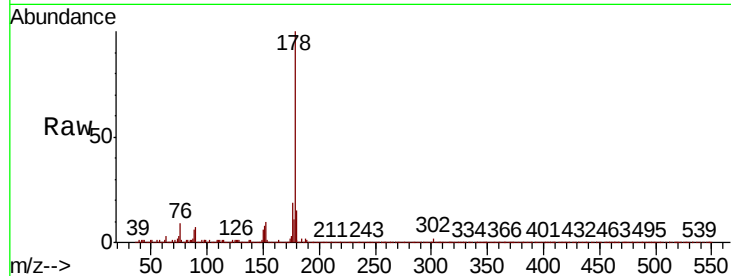
ClientSampleId :

SP-1B

Tot Ion:	178	Resp:	260343
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.9	23.9
179	15.0	12.3	18.5

Manual Integrations
APPROVED

Sohil
7/24/2020 12:10:23 PM



#75

Fluoranthene

Concen: 21.891 ng

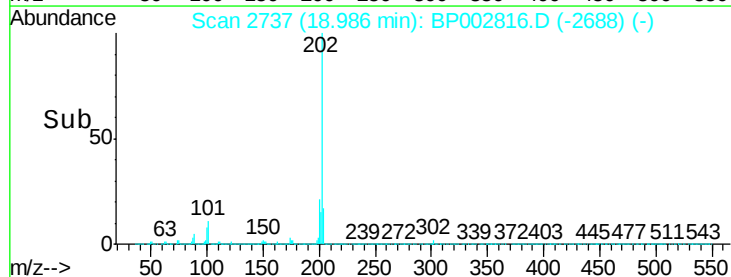
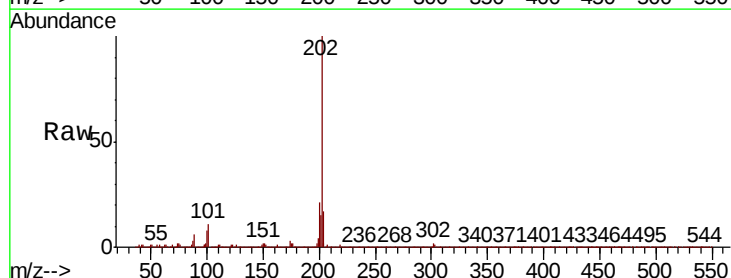
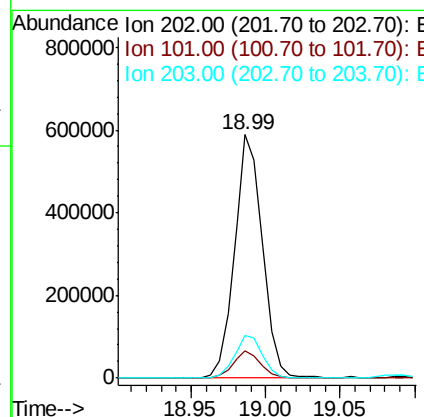
RT: 18.99 min Scan# 2737

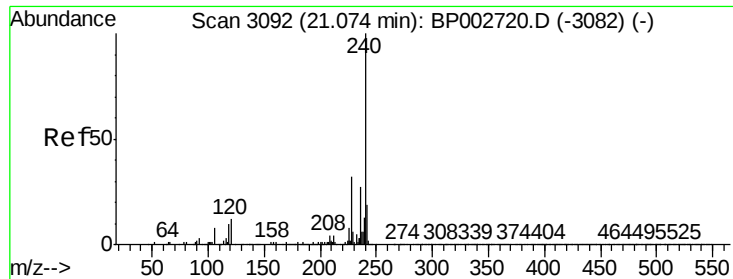
Delta R.T. -0.01 min

Lab File: BP002816.D

Acq: 21 Jul 2020 16:20

Tgt Ion:	202	Resp:	765488
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.5
203	17.3	0.0	38.6





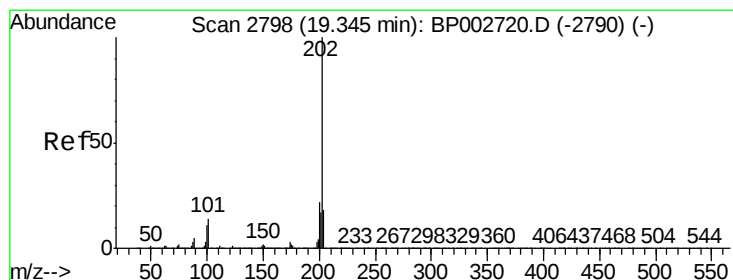
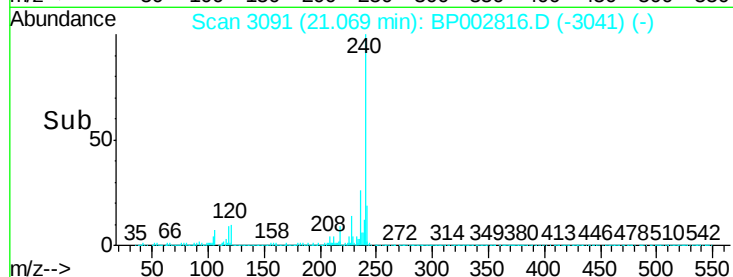
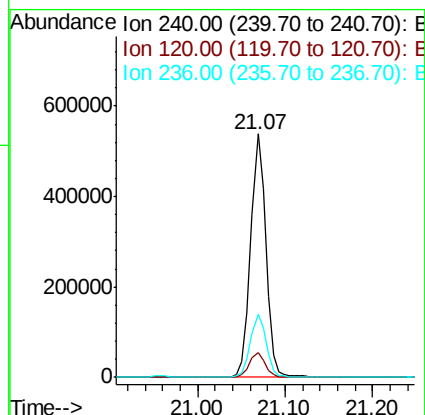
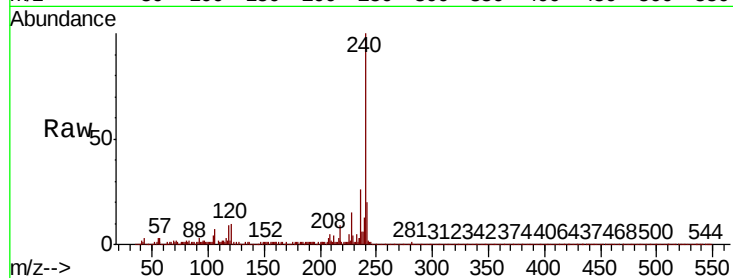
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Instrument :
BNA_P
ClientSampleId :
SP-1B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.4	14.2
236	26.0	21.3	31.9

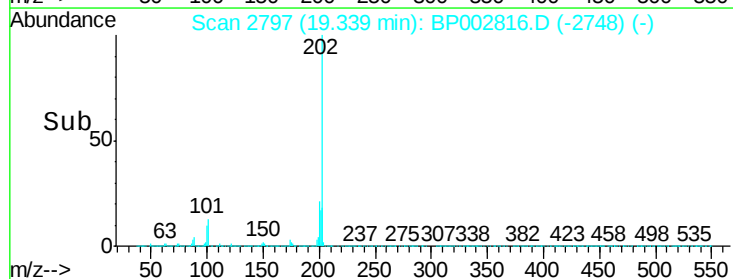
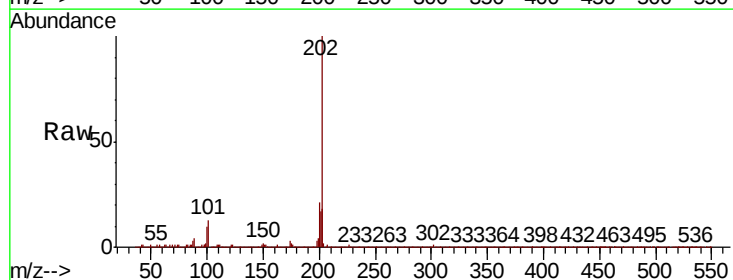
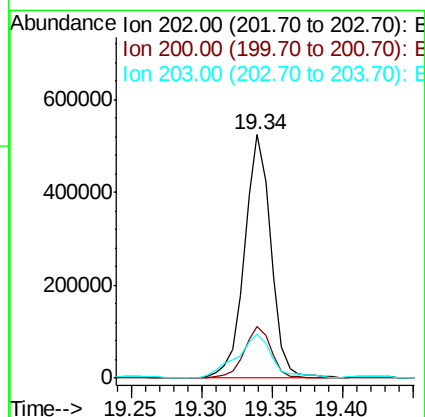
Manual Integrations
APPROVED

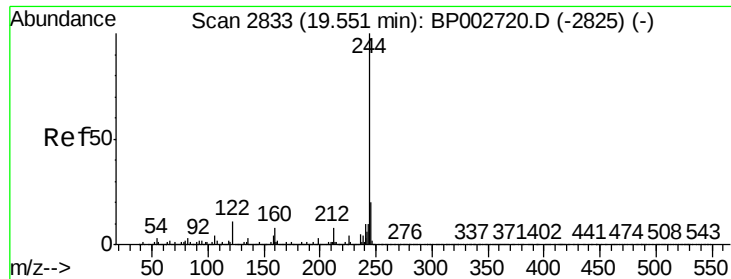
Sohil
7/24/2020 12:10:23 PM



#78
Pyrene
Concen: 16.101 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.8	14.5	21.7





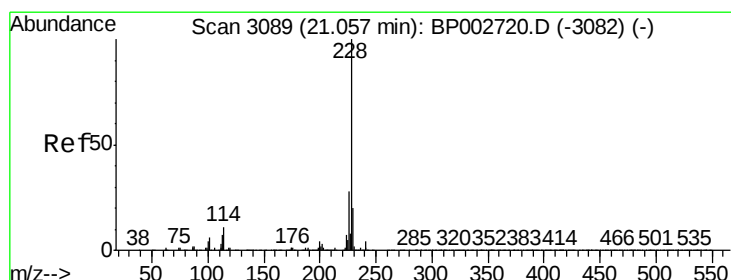
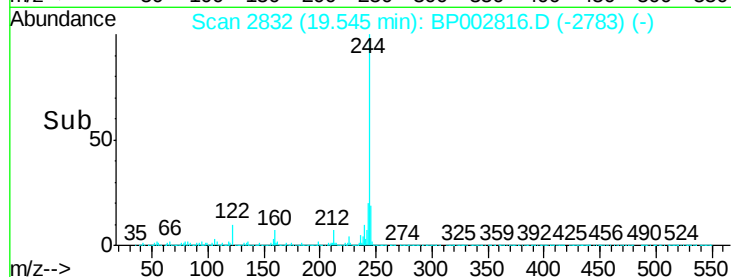
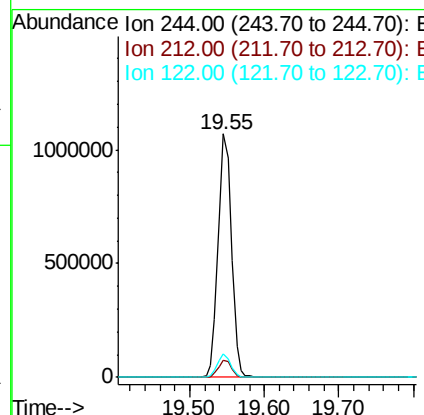
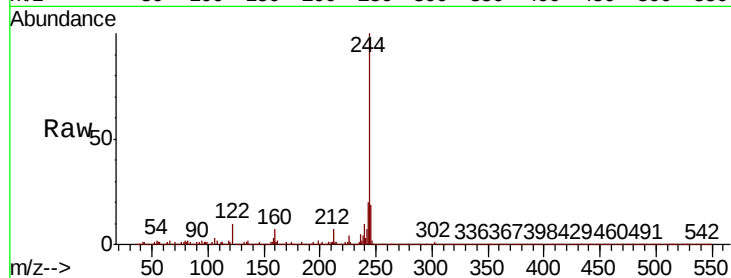
#79
 Terphenyl-d14
 Concen: 49.434 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Instrument :
 BNA_P
 ClientSampled :
 SP-1B

Tot Ion:244 Resp: 1329107
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 8.9 13.3

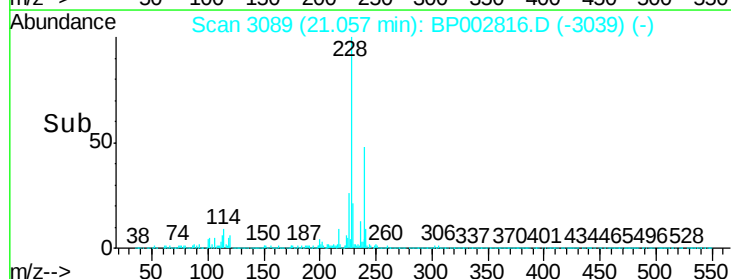
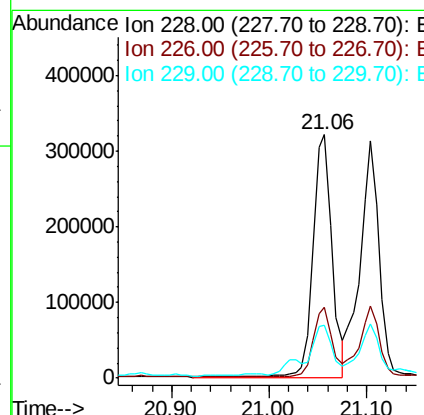
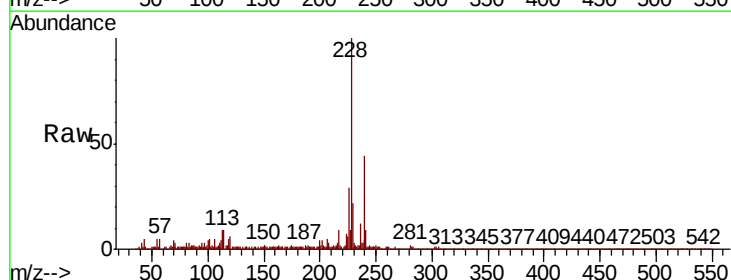
Manual Integrations
 APPROVED

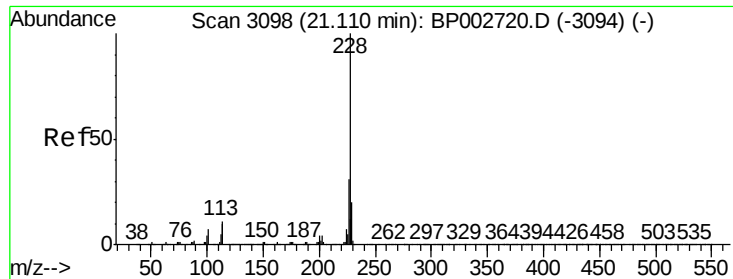
Sohil
 7/24/2020 12:10:23 PM



#81
 Benzo(a)anthracene
 Concen: 10.749 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Tgt Ion:228 Resp: 428923
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.6 34.0
 229 21.6 16.0 24.0





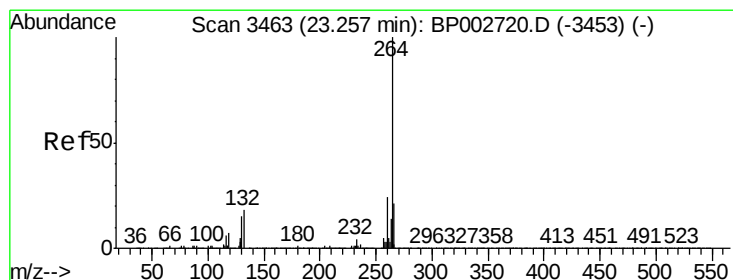
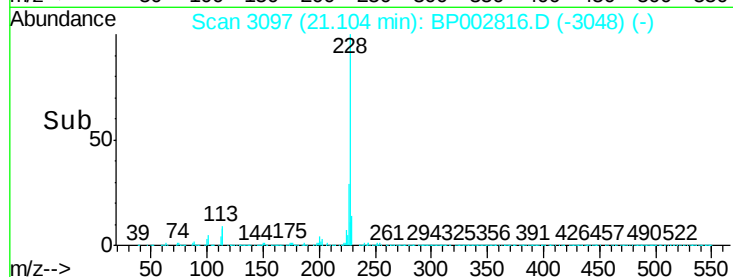
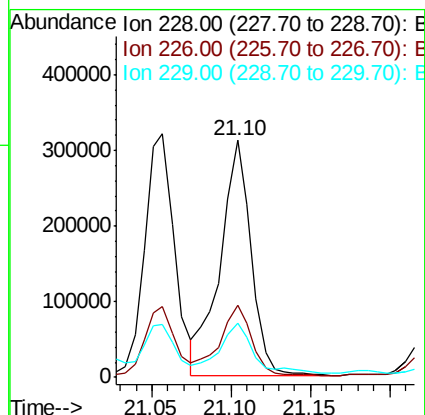
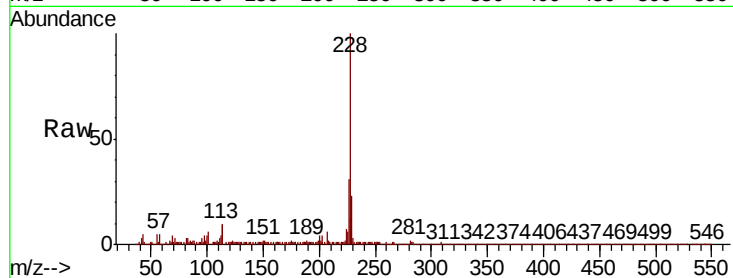
#83
Chrysene
Concen: 11.171 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Instrument :
BNA_P
ClientSampled :
SP-1B

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	22.8	15.7	23.5

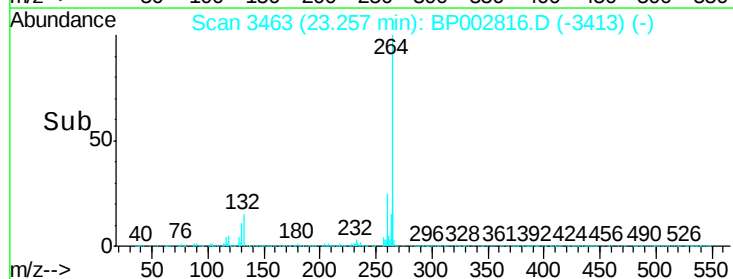
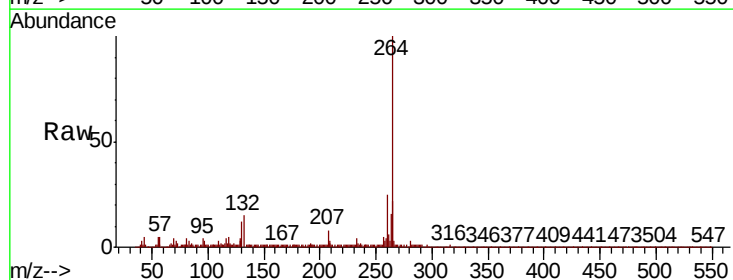
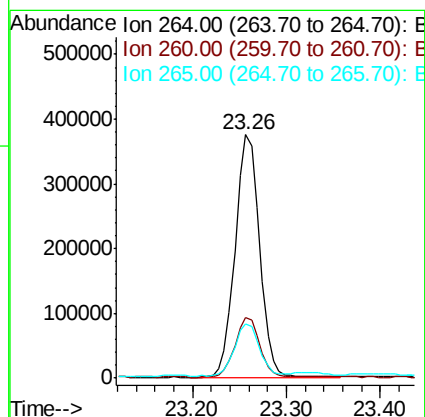
Manual Integrations
APPROVED

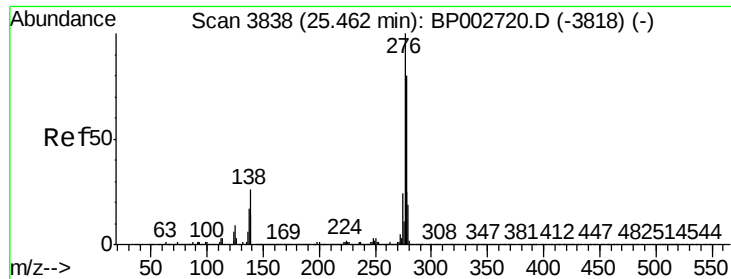
Sohil
7/24/2020 12:10:23 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.5	16.8	25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.143 ng

RT: 25.46 min Scan# 3838

Delta R.T. -0.01 min

Lab File: BP002816.D

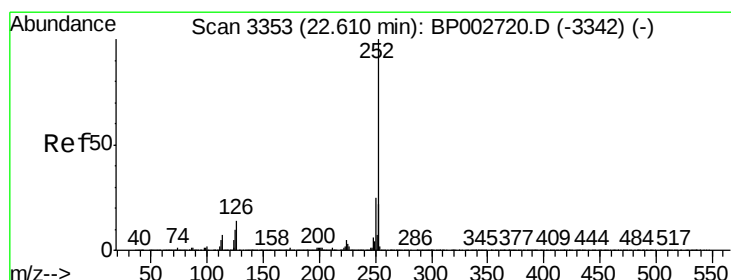
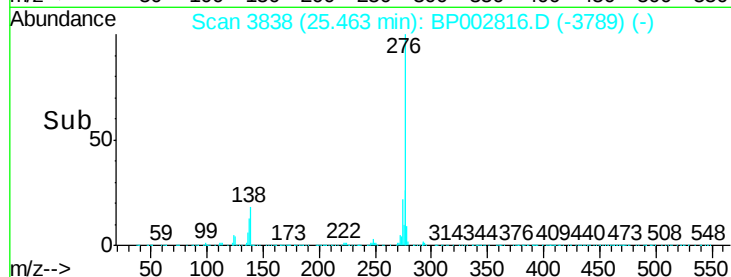
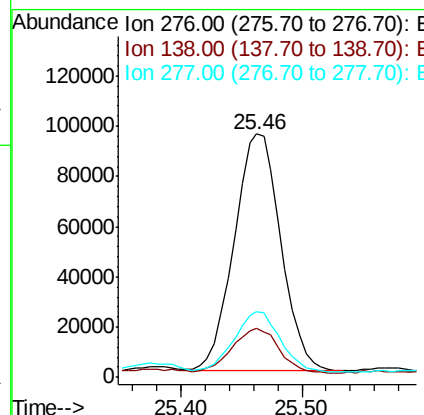
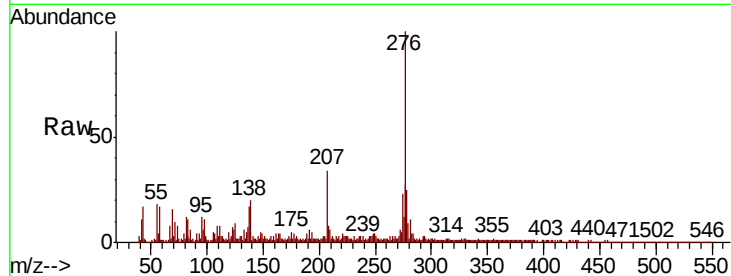
Acq: 21 Jul 2020 16:20

Instrument :
BNA_P
ClientSampleId :
SP-1B

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	20.8	31.2#
277	25.6	20.0	30.0

Manual Integrations
APPROVED

Sohil
7/24/2020 12:10:23 PM



#88

Benzo(b)fluoranthene

Concen: 12.822 ng m

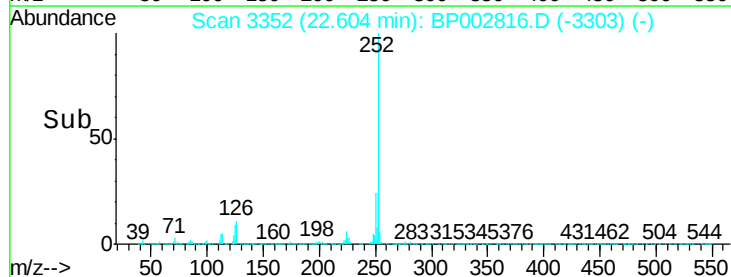
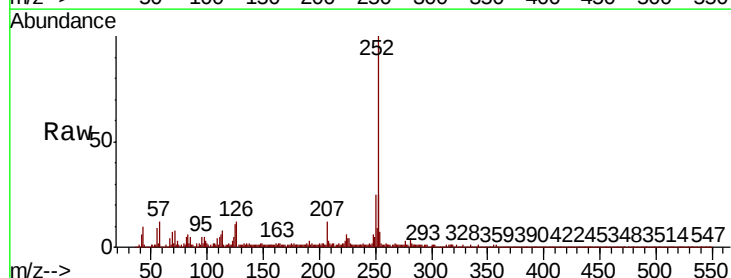
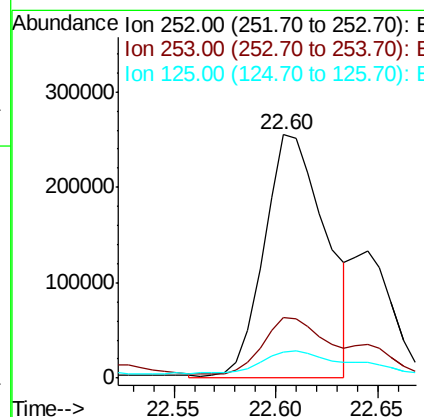
RT: 22.60 min Scan# 3352

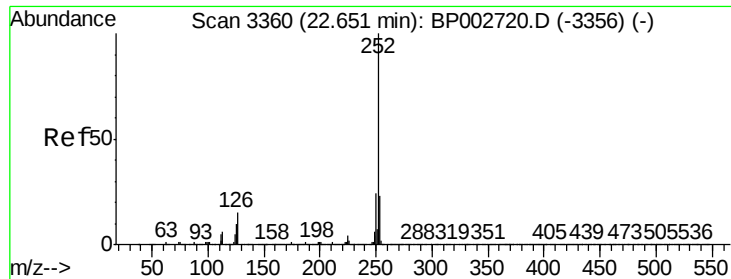
Delta R.T. -0.01 min

Lab File: BP002816.D

Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	10.9	8.2	12.2





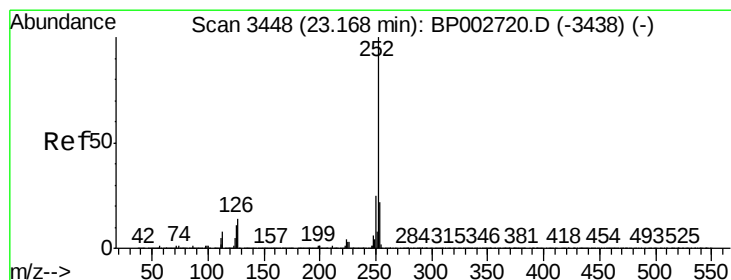
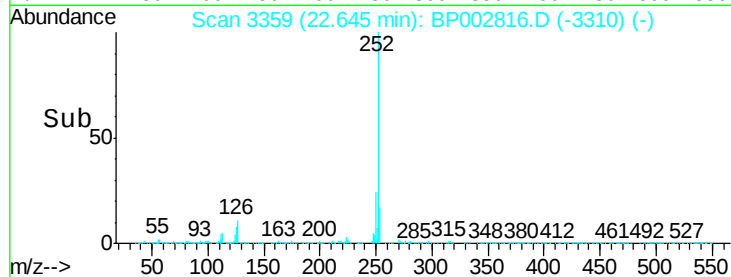
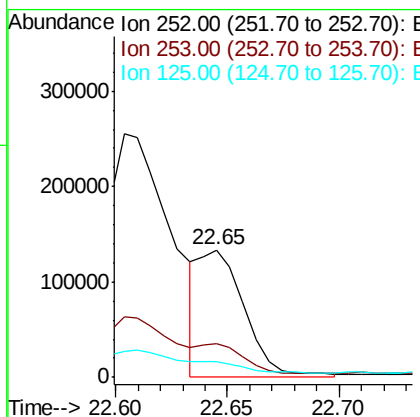
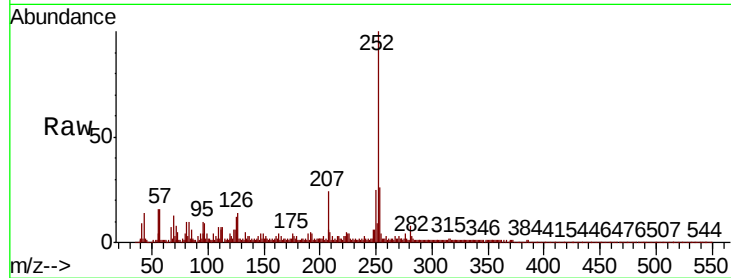
#89
Benzo(k)fluoranthene
Concen: 4.556 ng m
RT: 22.65 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Instrument :
BNA_P
ClientSampleId :
SP-1B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	12.1	8.3	12.5

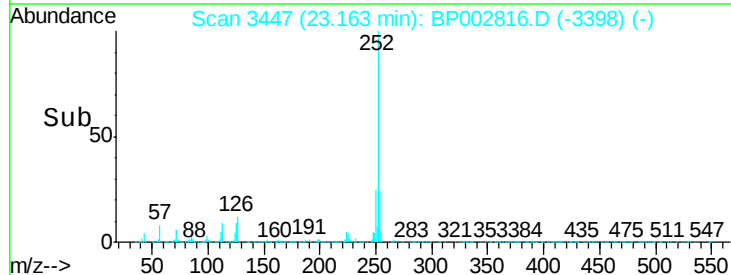
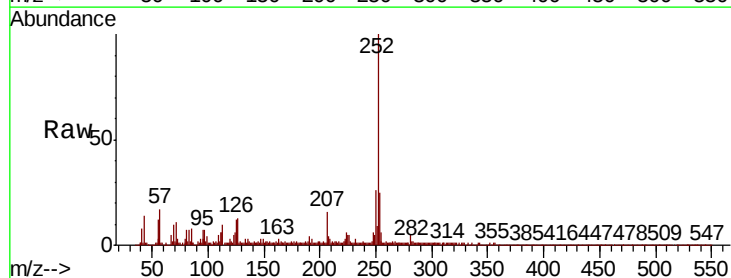
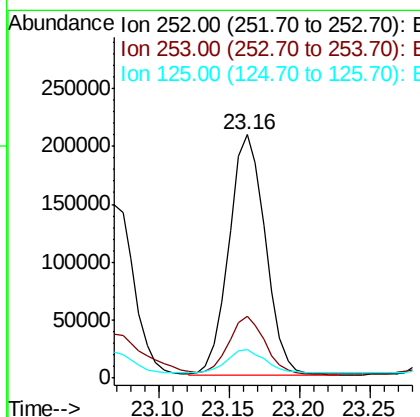
Manual Integrations
APPROVED

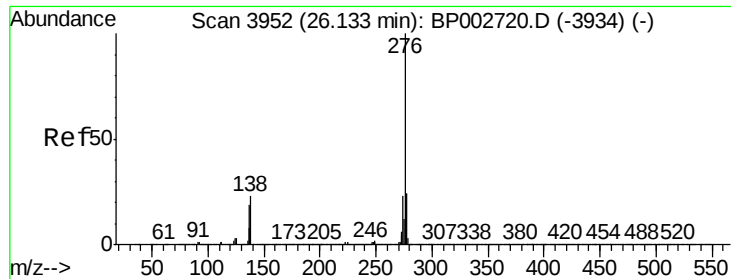
Sohil
7/24/2020 12:10:23 PM



#90
Benzo(a)pyrene
Concen: 9.399 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002816.D
Acq: 21 Jul 2020 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.6	26.4
125	11.6	8.6	13.0





#92
 Benzo(a,h,i)perylene
 Concen: 6.512 ng
 RT: 26.14 min Scan# 3953
 Delta R.T. -0.01 min
 Lab File: BP002816.D
 Acq: 21 Jul 2020 16:20

Instrument :
 BNA_P
 ClientSampleId :
 SP-1B

Tot Ion:	276	Resp:	261166
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.1	28.7
138	20.5	18.3	27.5

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:10:23 PM

