

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000549.D
 Acq On : 07 Oct 2019 17:43
 Operator : JU
 Sample : K5213-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-2(0-5)

Manual Integrations
 APPROVED

mohammad
 10/8/2019 12:23:57 PM

Quant Time: Oct 07 18:29:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	274467	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	987703	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	543921	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	989444	20.00	ng	0.00
76) Chrysene-d12	13.97	240	855460	20.00	ng	0.00
87) Perylene-d12	15.45	264	974341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1374432	80.49	ng	-0.01
7) Phenol-d6	6.40	99	2124767	103.27	ng	0.00
23) Nitrobenzene-d5	7.32	82	1163488	71.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	362662	62.57	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	2194659	65.28	ng	0.00
79) Terphenyl-d14	12.91	244	2509842	59.40	ng	0.00
Target Compounds						
10) Phenol	6.41	94	86156	4.090	ng	98
50) Dimethylphthalate	9.52	163	339291	8.977	ng	100
71) Phenanthrene	11.33	178	189979	3.823	ng	100
75) Fluoranthene	12.53	202	355845	6.376	ng	99
78) Pyrene	12.76	202	362481	6.144	ng	99
81) Benzo(a)anthracene	13.96	228	200357	3.839	ng	95
83) Chrysene	14.00	228	167426	3.268	ng	97
88) Benzo(b)fluoranthene	15.02	252	232236m	4.201	ng	
90) Benzo(a)pyrene	15.39	252	169904	3.297	ng	95
92) Benzo(g,h,i)perylene	17.36	276	110260	2.171	ng	95

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

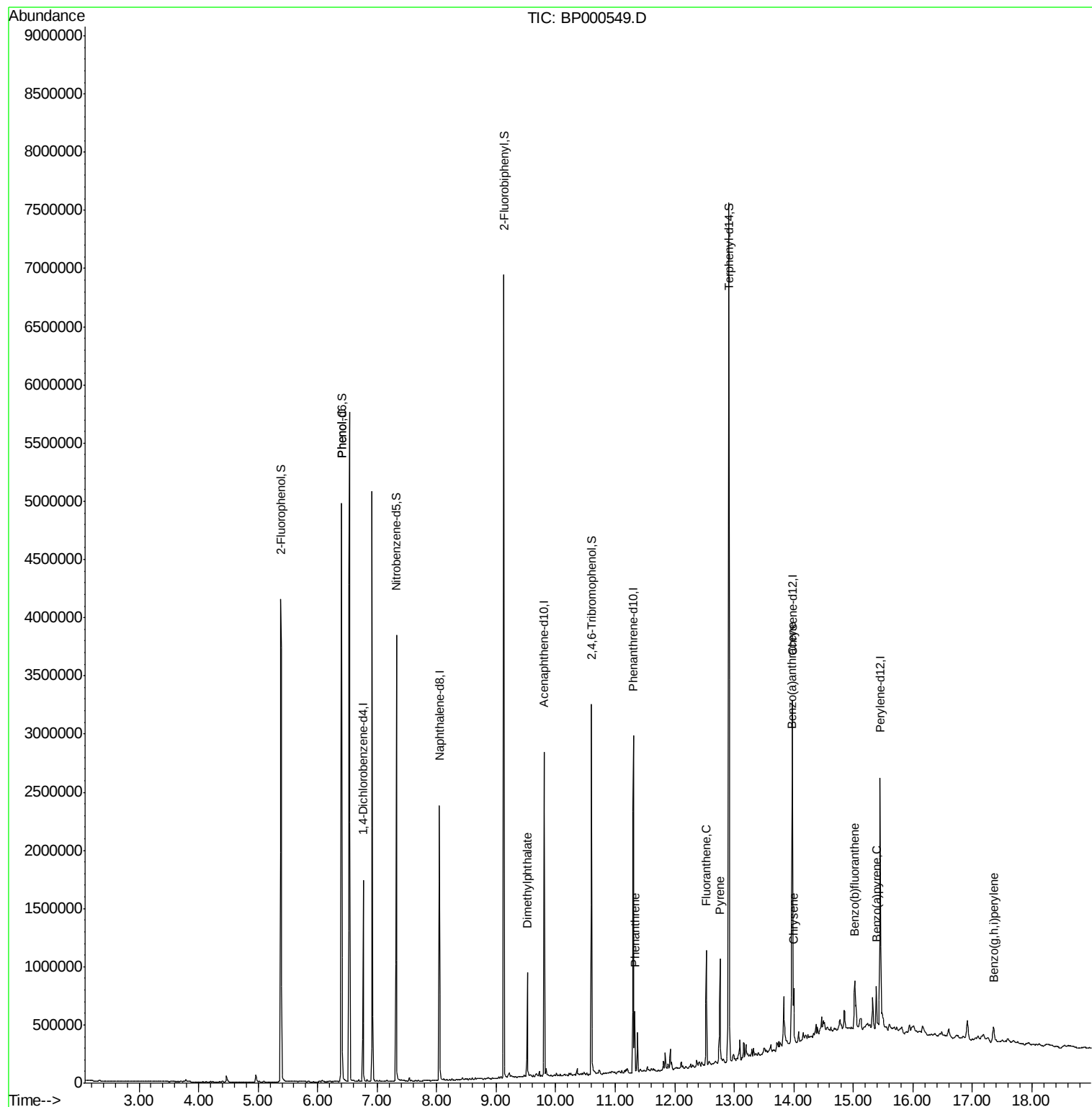
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000549.D
Acq On : 07 Oct 2019 17:43
Operator : JU
Sample : K5213-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

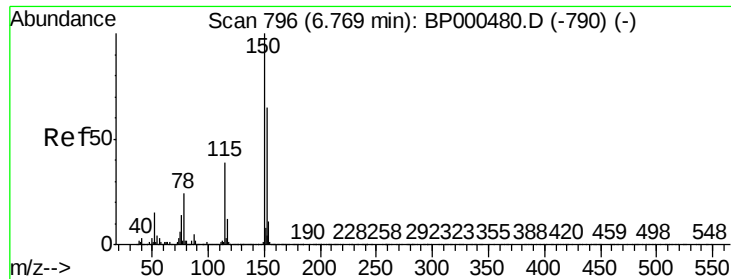
Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Manual Integrations
APPROVED

mohammad
10/8/2019 12:23:57 PM

Quant Time: Oct 07 18:29:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration





#1

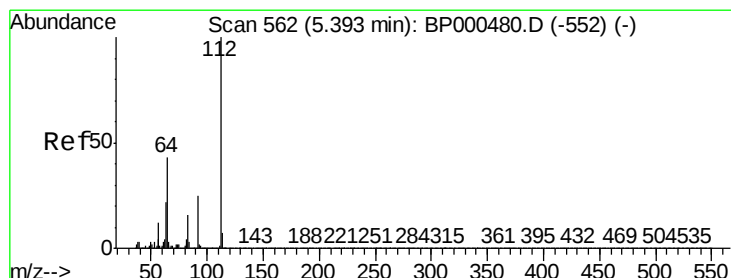
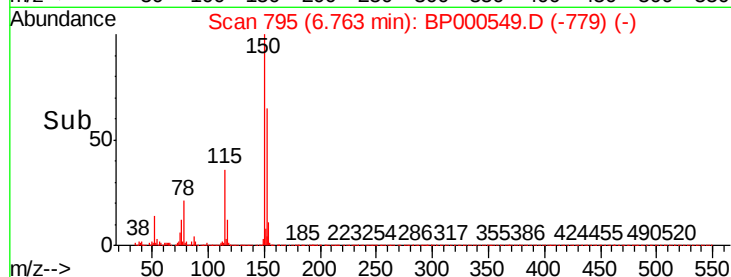
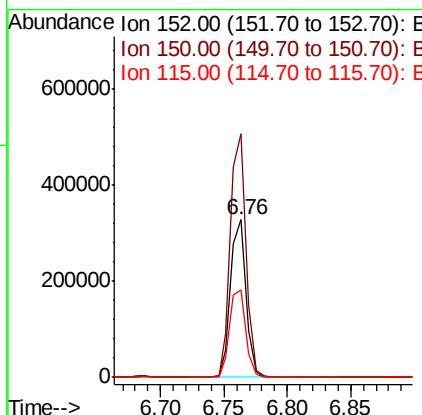
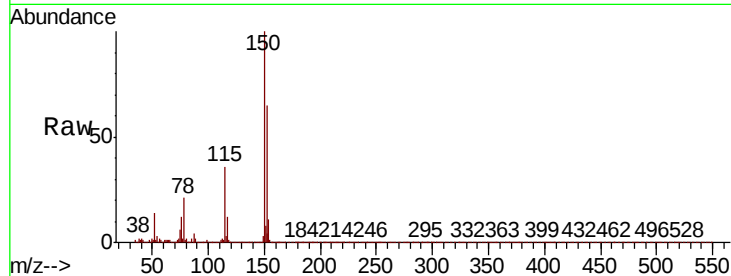
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	55.8	48.7	73.1

Manual Integrations
APPROVED

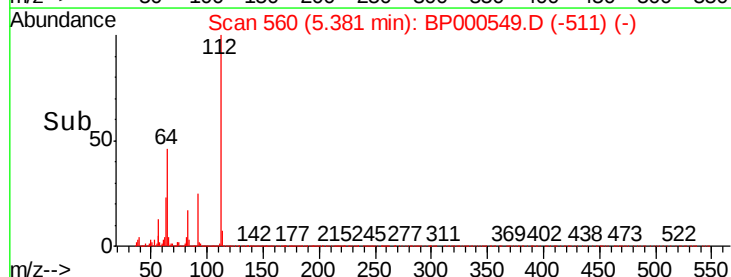
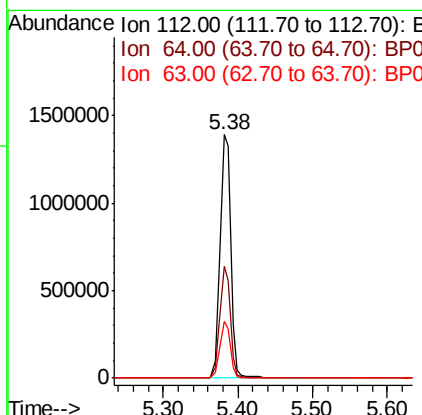
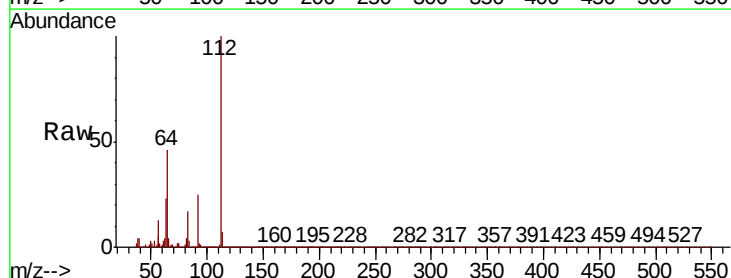
mohammad
10/8/2019 12:23:57 PM

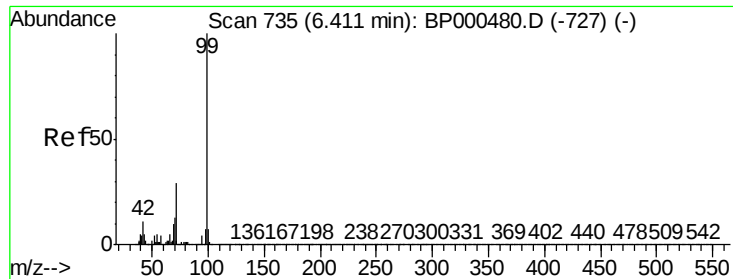


#5

2-Fluorophenol
Concen: 80.495 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.9	34.2	51.4
63	23.4	17.9	26.9





#7

Phenol-d6

Concen: 103.265 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Instrument :

BNA_P

ClientSampled :

S-2(0-5)

Tot Ion: 99 Resp: 2124767

Ion Ratio Lower Upper

99 100

42 10.2 8.6 12.8

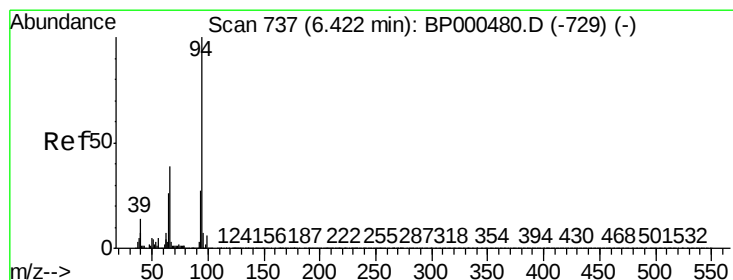
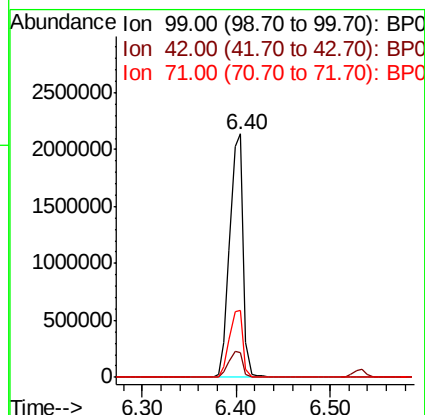
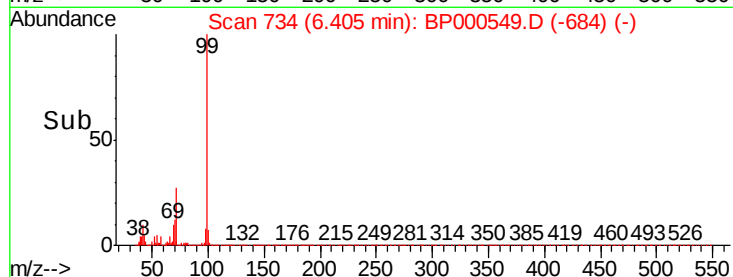
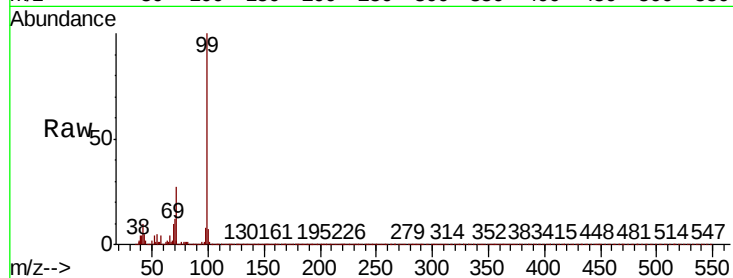
71 27.3 23.0 34.4

Manual Integrations

APPROVED

mohammad

10/8/2019 12:23:57 PM



#10

Phenol

Concen: 4.090 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

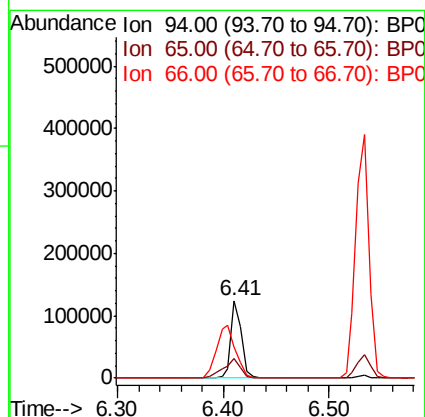
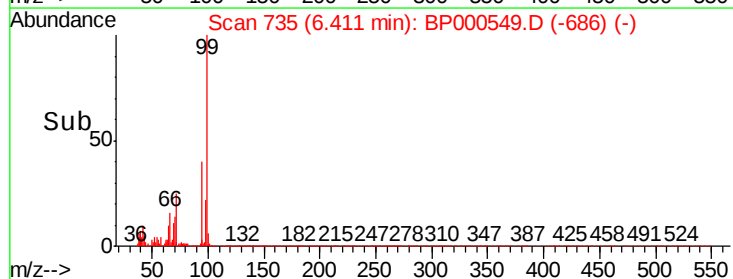
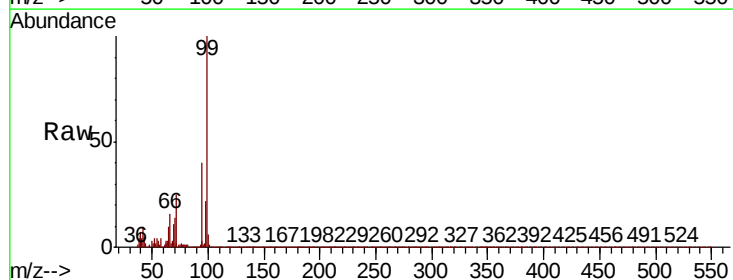
Tgt Ion: 94 Resp: 86156

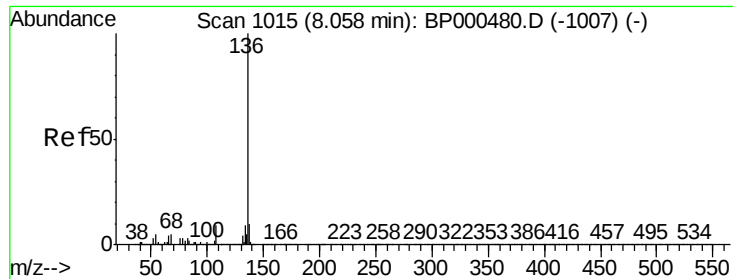
Ion Ratio Lower Upper

94 100

65 26.1 5.9 45.9

66 40.3 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Instrument :

BNA_P

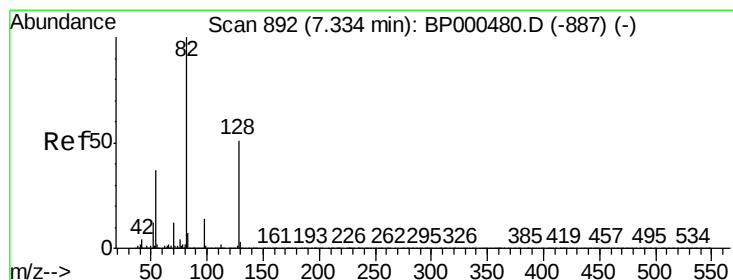
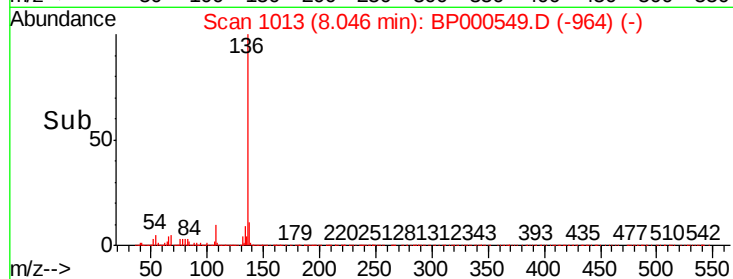
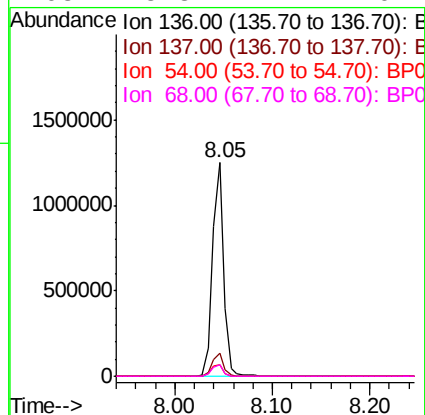
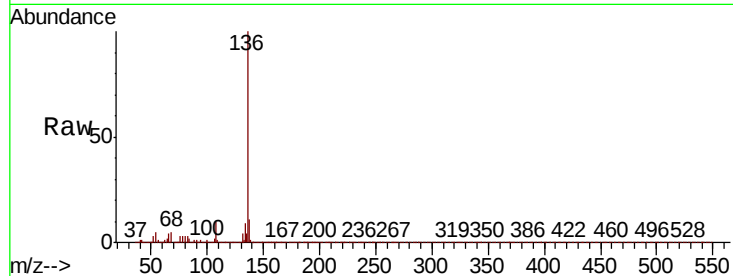
ClientSampleId :

S-2(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.2	12.4	
54	5.3	4.1	6.1	
68	5.3	4.1	6.1	

Manual Integrations
APPROVED

mohammad
10/8/2019 12:23:57 PM



#23

Nitrobenzene-d5

Concen: 71.945 ng

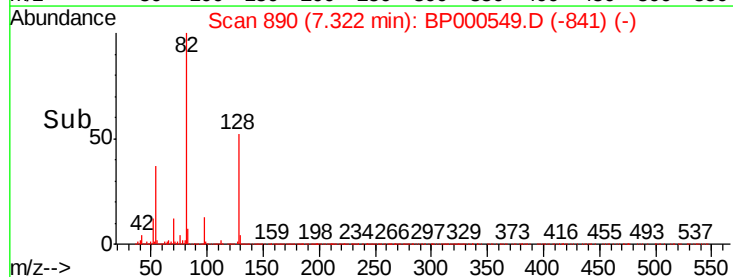
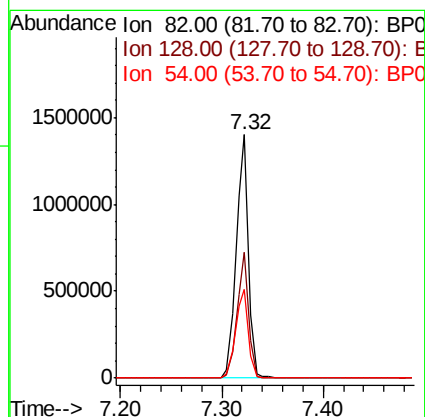
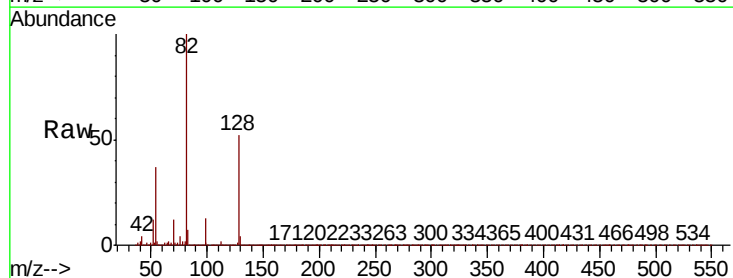
RT: 7.32 min Scan# 890

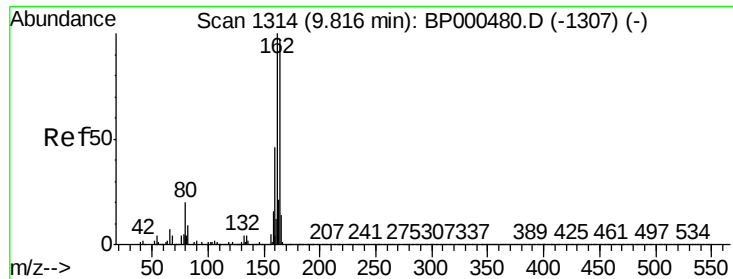
Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.6	40.9	61.3	
54	36.5	29.4	44.2	





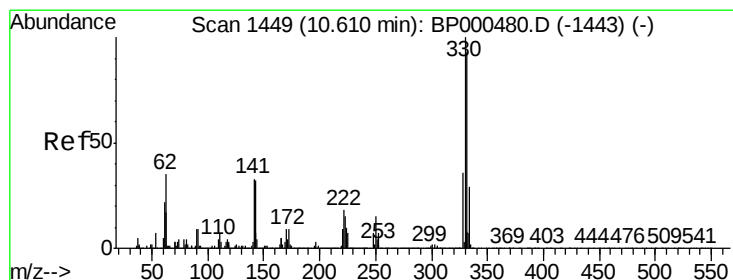
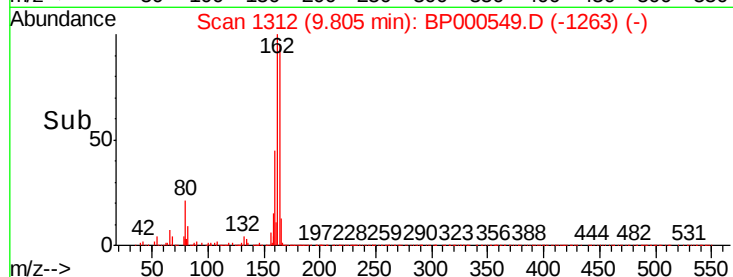
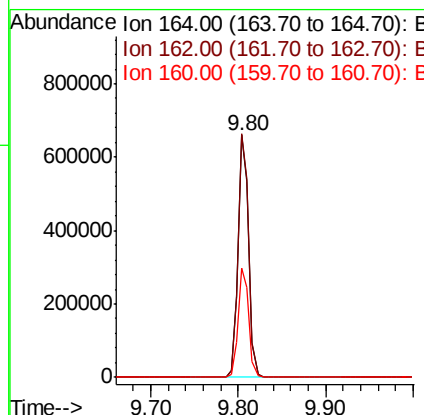
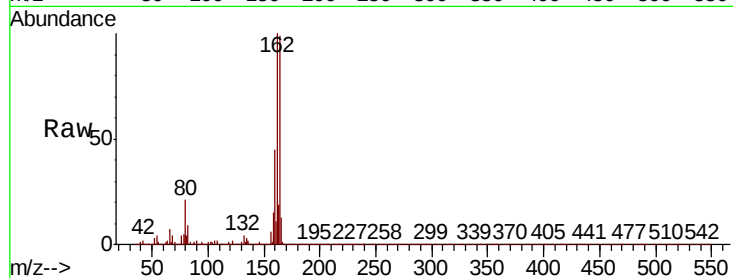
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.0	37.6	56.4

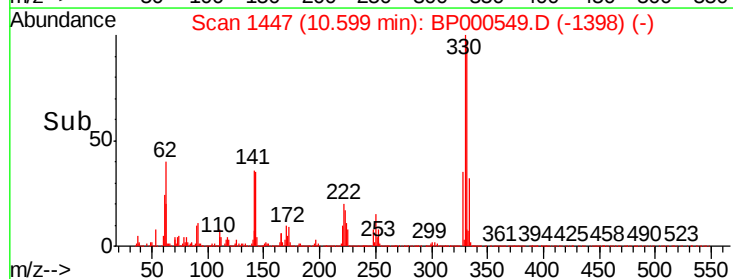
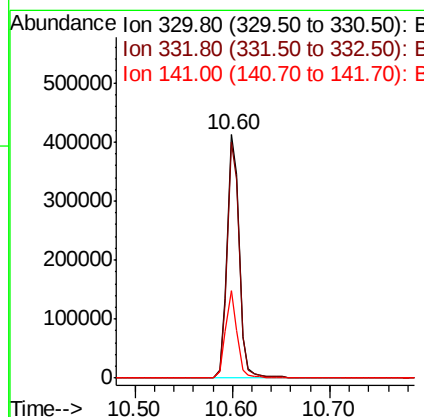
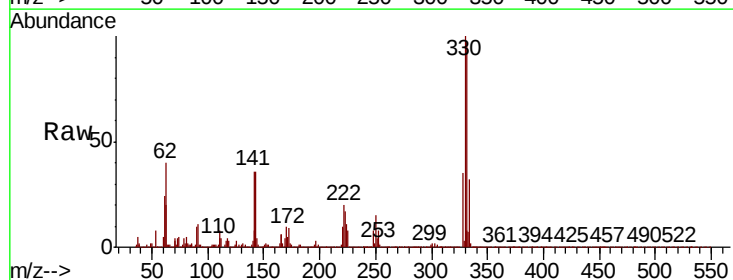
Manual Integrations
APPROVED

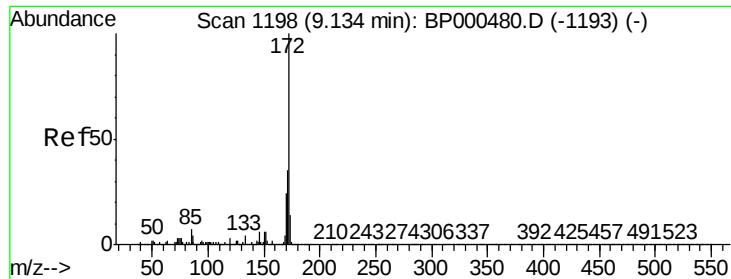
mohammad
10/8/2019 12:23:57 PM



#42
2,4,6-Tribromophenol
Concen: 62.570 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	33.8	26.0	39.0





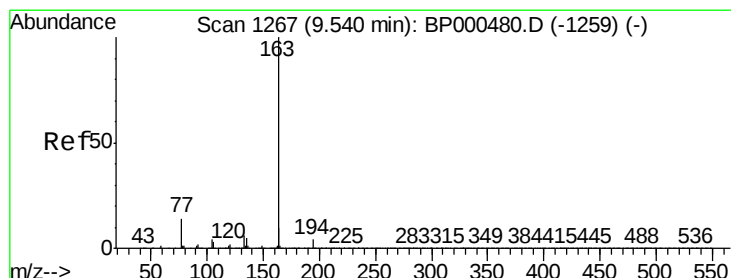
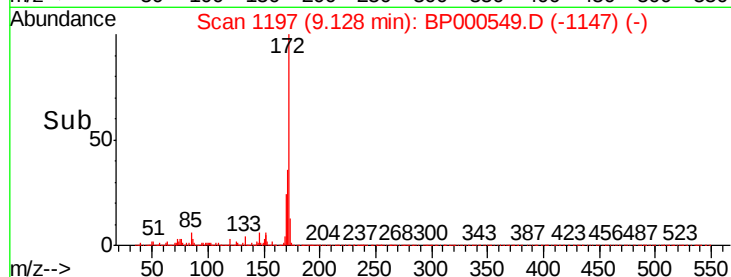
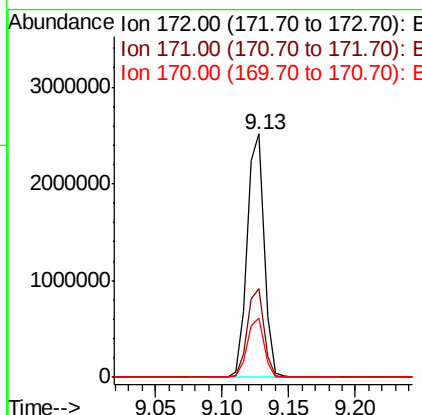
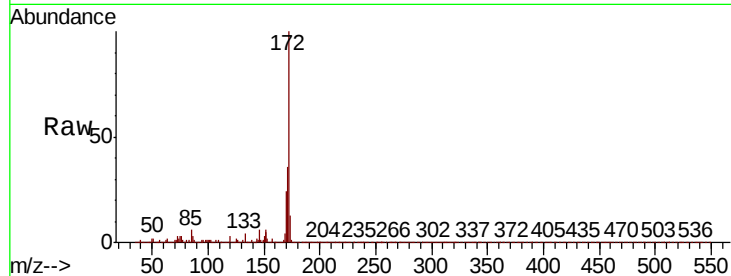
#45
2-Fluorobiphenyl
Concen: 65.284 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.3	19.1	28.7

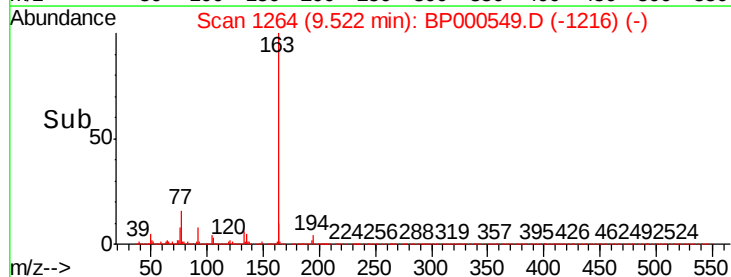
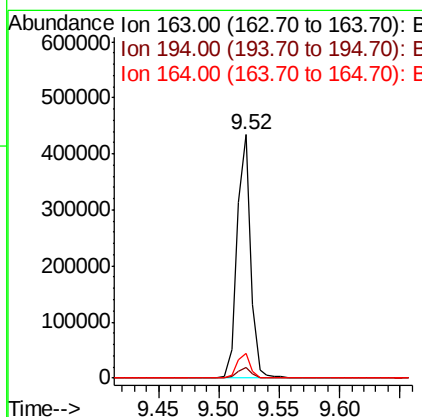
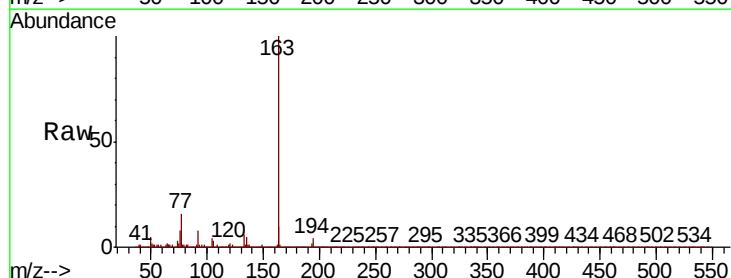
Manual Integrations
APPROVED

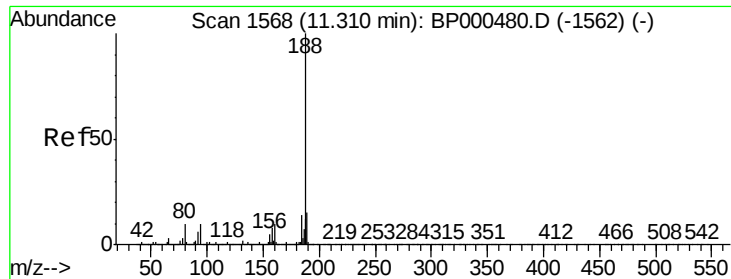
mohammad
10/8/2019 12:23:57 PM



#50
Dimethylphthalate
Concen: 8.977 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.0	12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Instrument :

BNA_P

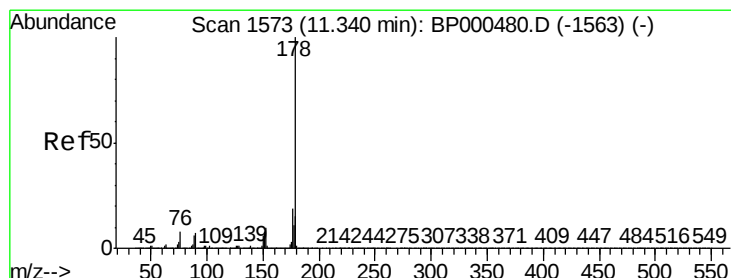
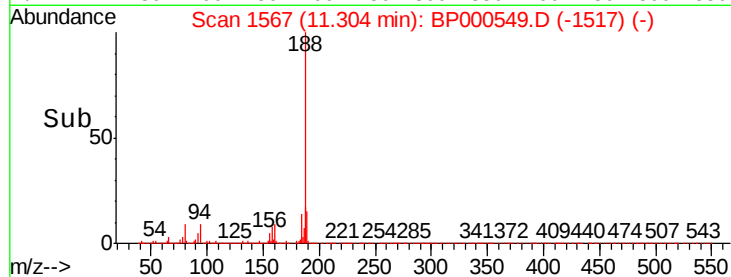
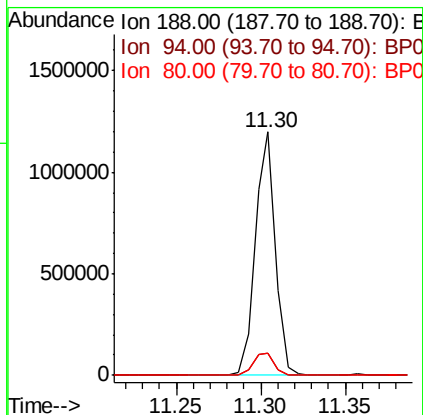
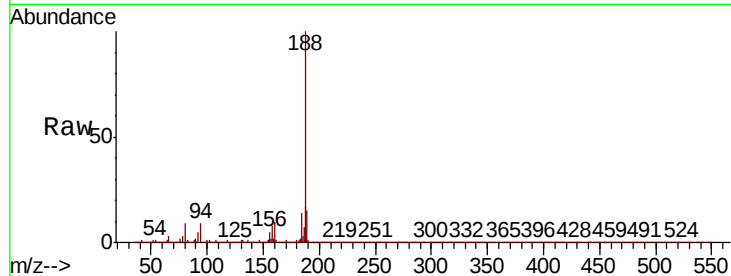
ClientSampleId :

S-2(0-5)

Tot Ion:	188	Resp:	989444
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.2	12.2
80	9.0	8.3	12.5

Manual Integrations
APPROVED

mohammad
10/8/2019 12:23:57 PM



#71

Phenanthrene

Concen: 3.823 ng

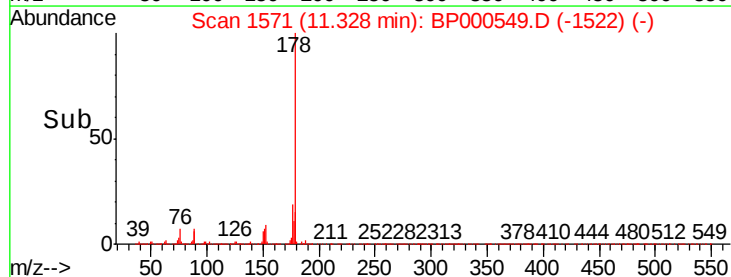
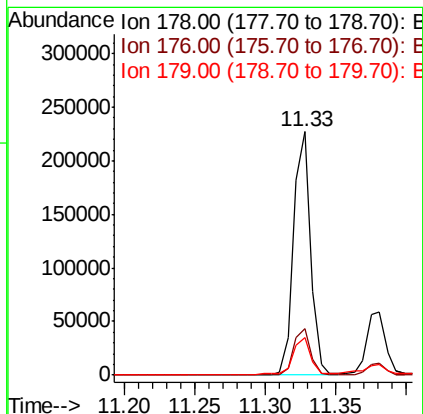
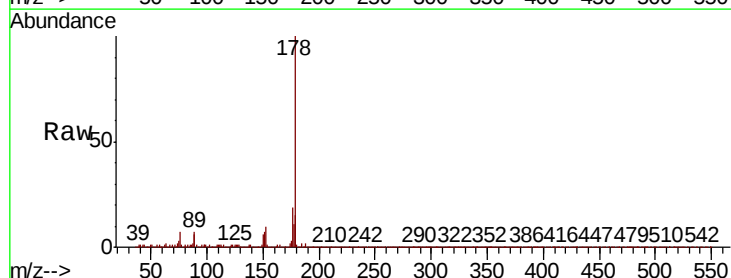
RT: 11.33 min Scan# 1571

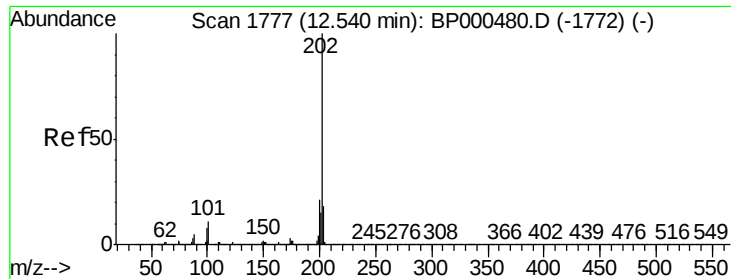
Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Tgt Ion:	178	Resp:	189979
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	15.4	12.2	18.4





#75

Fluoranthene

Concen: 6.376 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Instrument :

BNA_P

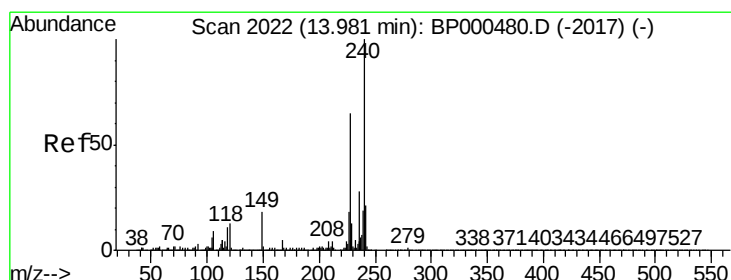
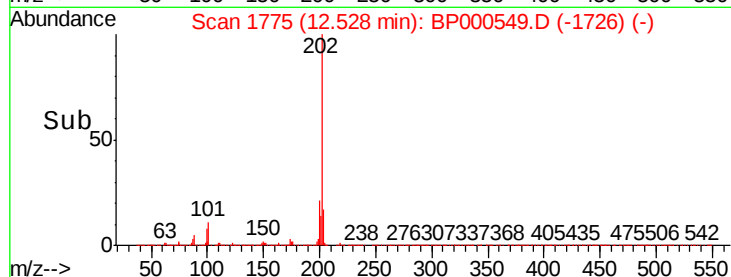
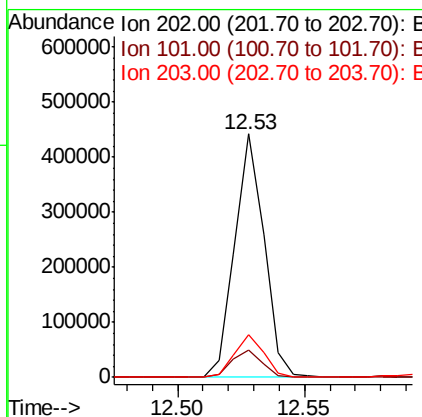
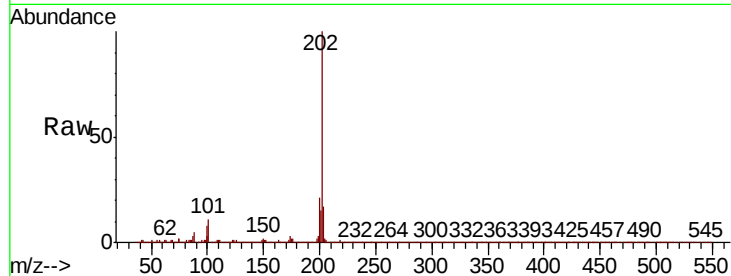
ClientSampleId :

S-2(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.4	0.0	31.3		
203	17.5	0.0	38.1		

Manual Integrations
APPROVED

mohammad
10/8/2019 12:23:57 PM



#76

Chrysene-d12

Concen: 20.000 ng

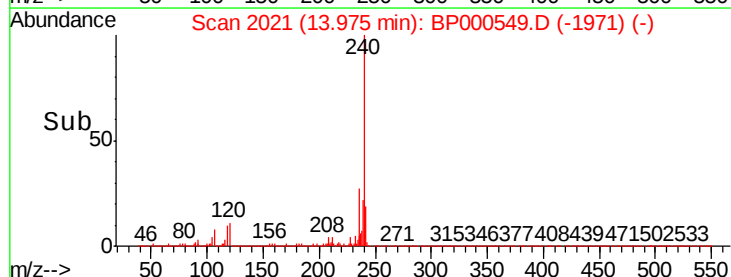
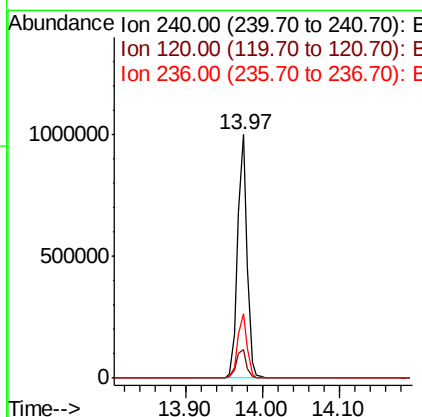
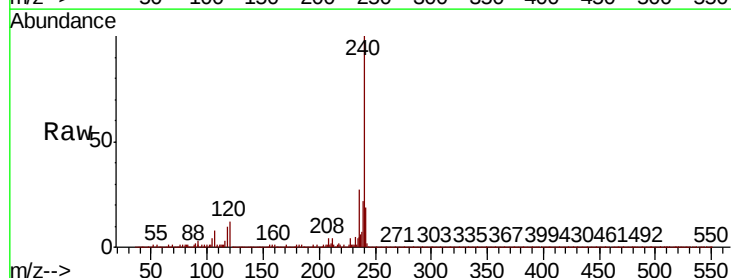
RT: 13.97 min Scan# 2021

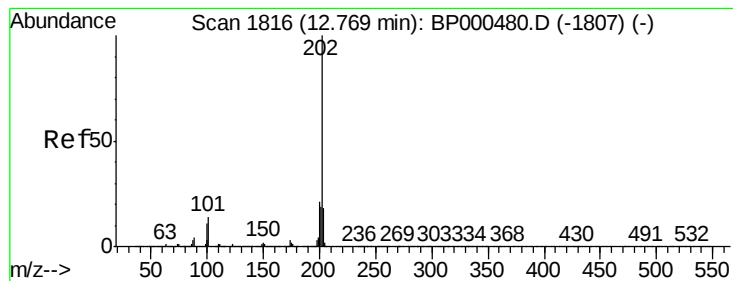
Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.5	10.1	15.1		
236	26.7	22.7	34.1		





#78

Pvrene

Concen: 6.144 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Instrument :

BNA_P

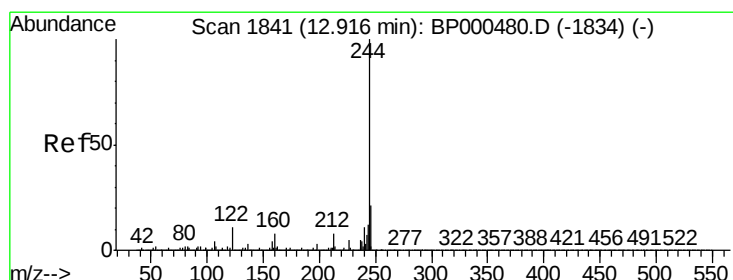
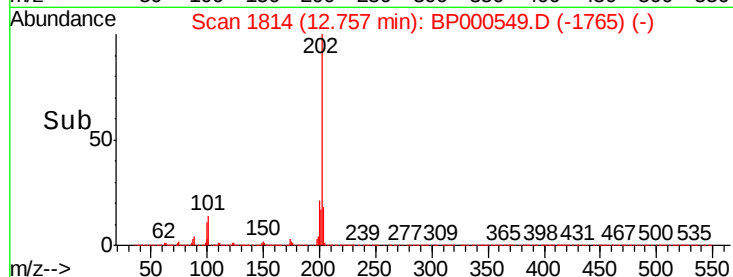
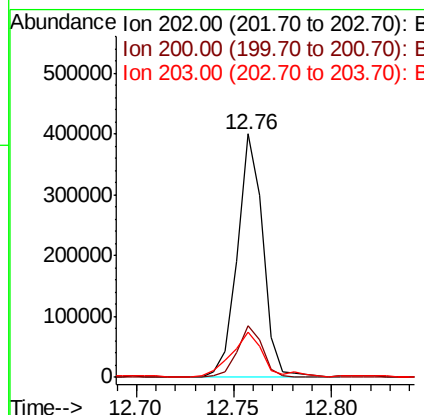
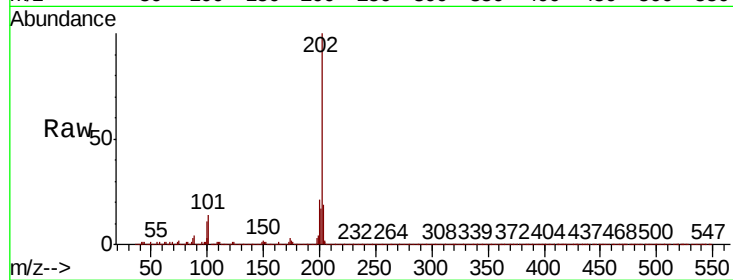
ClientSampled :

S-2(0-5)

Tot Ion:	202	Resp:	362481
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.1	25.7
203	18.8	14.6	21.8

Manual Integrations
APPROVED

mohammad
10/8/2019 12:23:57 PM



#79

Terphenyl-d14

Concen: 59.404 ng

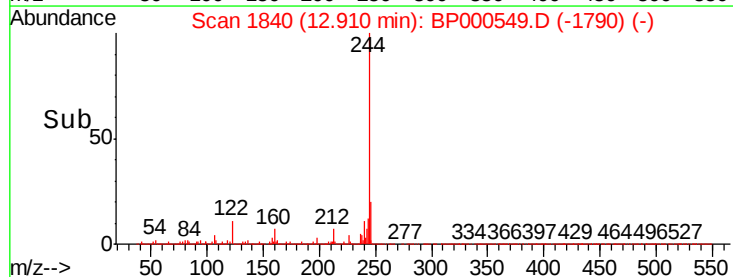
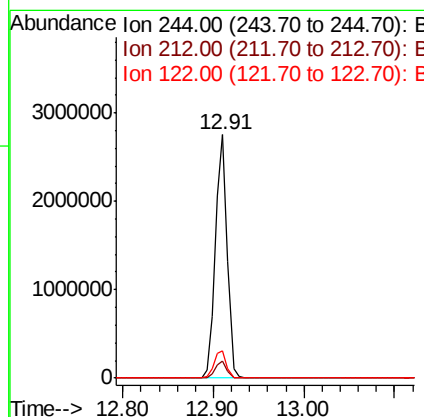
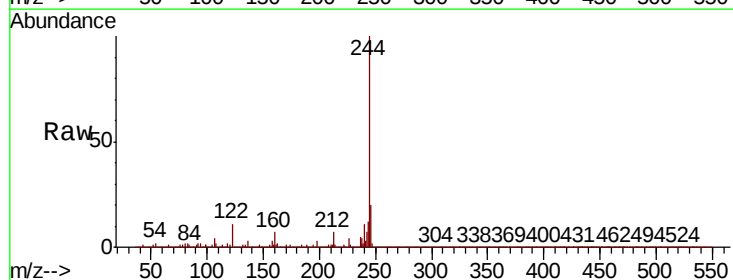
RT: 12.91 min Scan# 1840

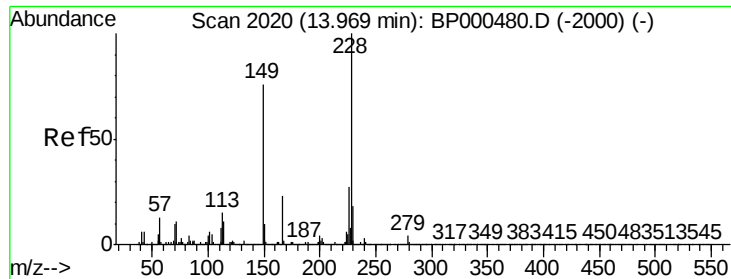
Delta R.T. -0.01 min

Lab File: BP000549.D

Acq: 07 Oct 2019 17:43

Tgt Ion:	244	Resp:	2509842
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	11.4	8.9	13.3





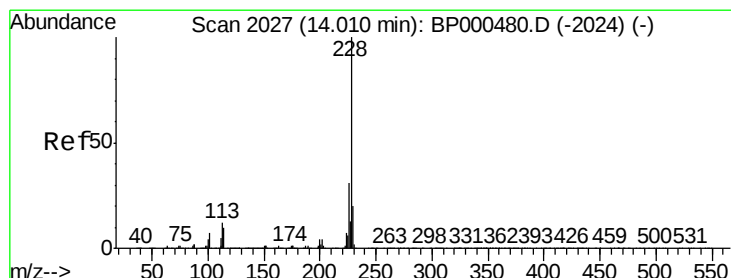
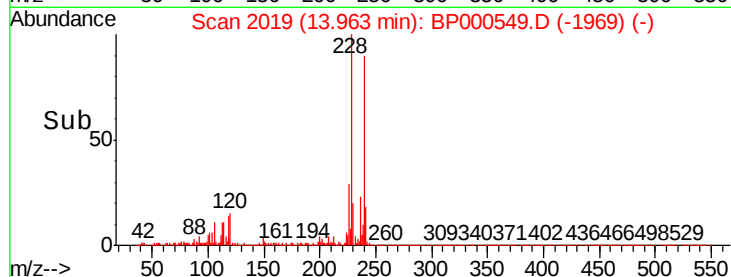
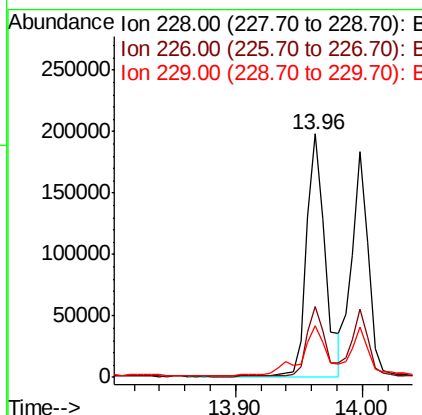
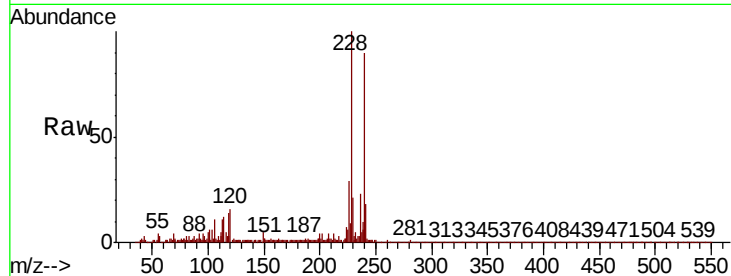
#81
Benzo(a)anthracene
Concen: 3.839 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampled :
S-2(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.4	32.2
229	21.3	14.7	22.1

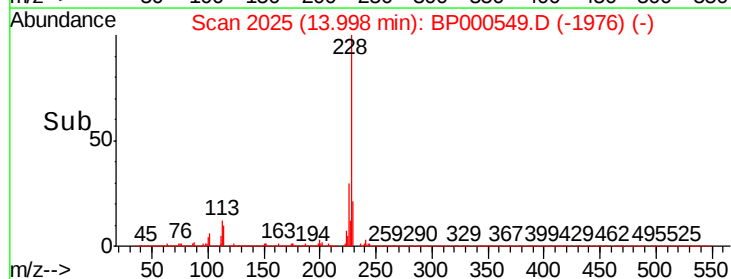
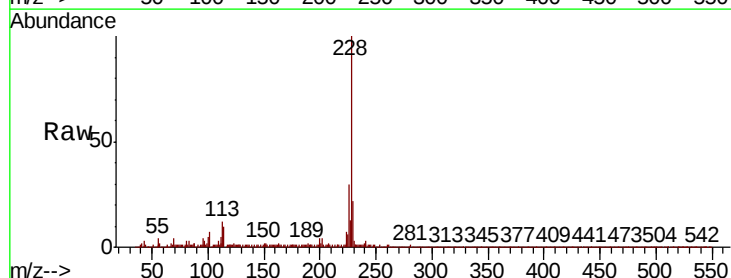
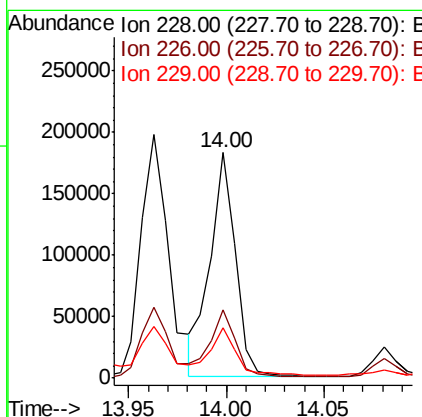
Manual Integrations
APPROVED

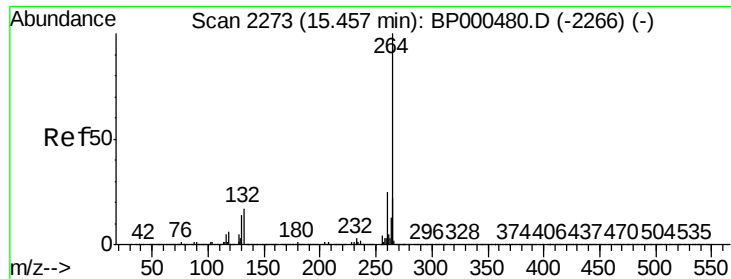
mohammad
10/8/2019 12:23:57 PM



#83
Chrysene
Concen: 3.268 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.4	16.3	24.5





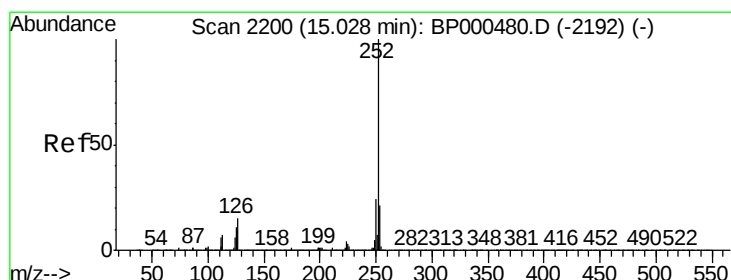
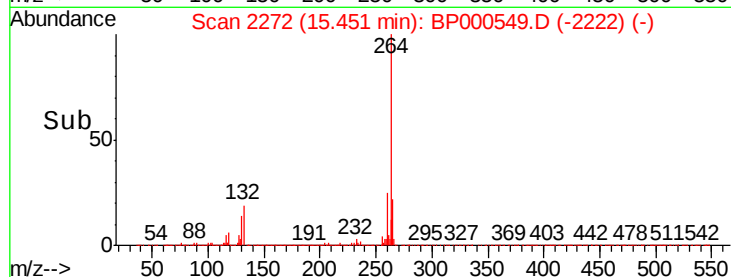
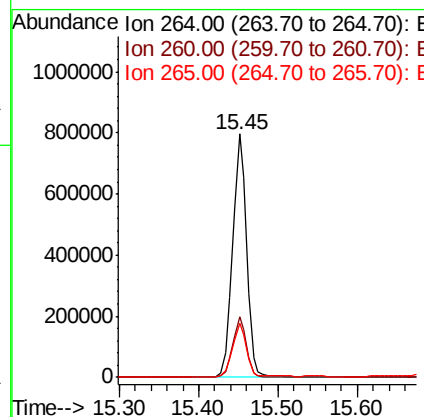
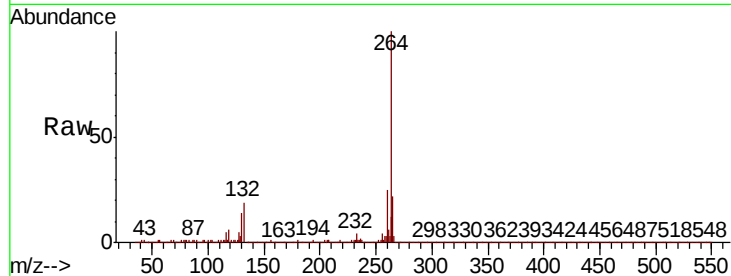
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampled :
S-2(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	22.1	18.0	27.0

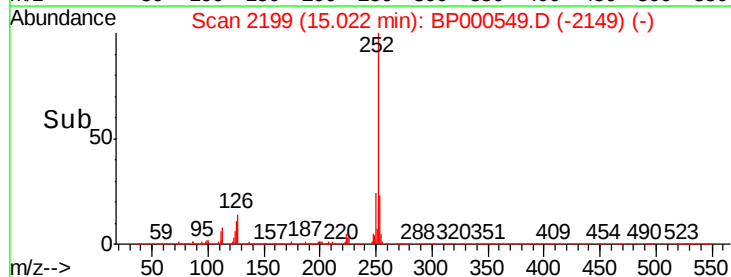
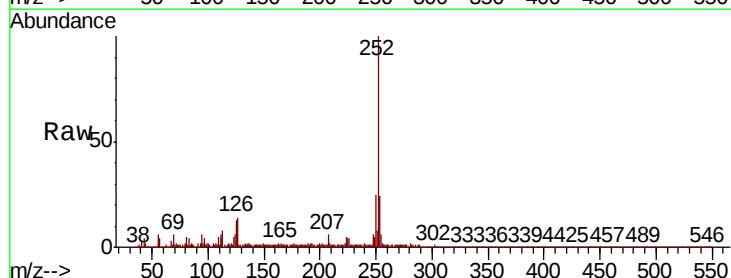
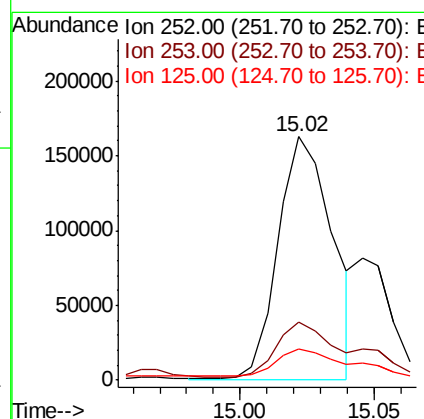
Manual Integrations
APPROVED

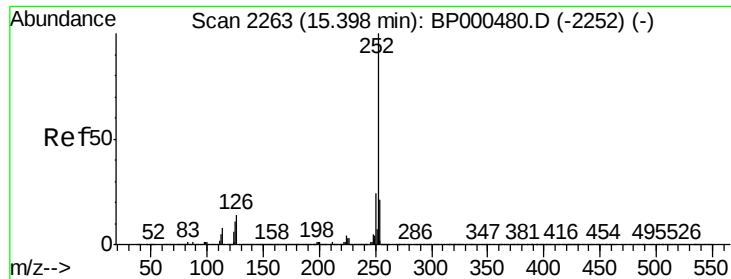
mohammad
10/8/2019 12:23:57 PM



#88
Benzo(b)fluoranthene
Concen: 4.201 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	12.8	8.9	13.3





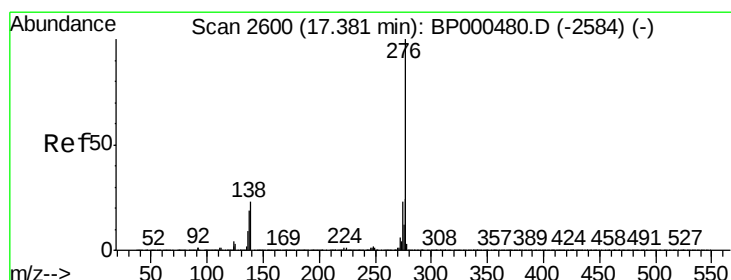
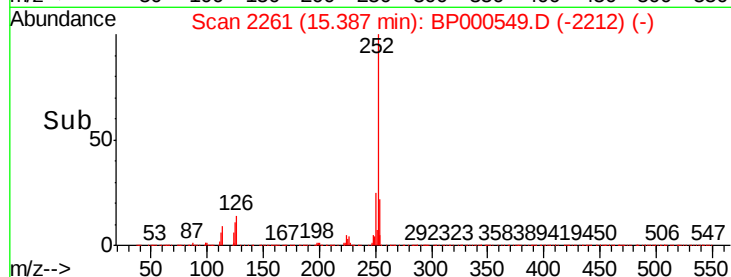
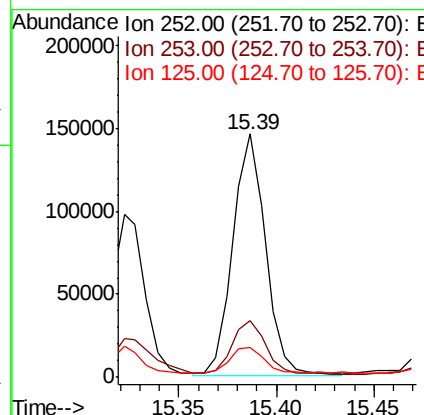
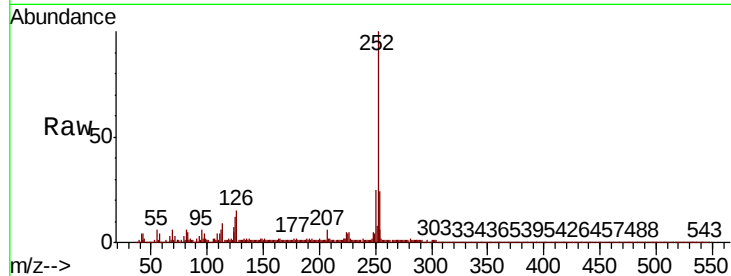
#90
Benzo(a)pyrene
Concen: 3.297 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Instrument :
BNA_P
ClientSampleId :
S-2(0-5)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.0	25.6
125	12.3	8.4	12.6

Manual Integrations
APPROVED

mohammad
10/8/2019 12:23:57 PM



#92
Benzo(g,h,i)perylene
Concen: 2.171 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP000549.D
Acq: 07 Oct 2019 17:43

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	26.5	19.4	29.2
138	26.0	18.5	27.7

