

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
 Data File : BP002160.D
 Acq On : 10 Mar 2020 20:46
 Operator : CG/JU
 Sample : L1843-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB5S8

Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:56:14 PM

Quant Time: Mar 11 01:10:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 11 00:28:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	346316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1298764	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	855950	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1869462	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1762294	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2158949	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	38529	4.78	ng/uL	0.00
5) Phenol-d5	6.83	99	109594	4.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	218439	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	325974	14.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	210069	9.68	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	167855	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	176622	15.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	378716	17.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	306358	12.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1230223	18.99	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1440359	18.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	31944m	2.58	ng/ul	0.02
58) Fluorene-d10	15.27	176	1062438	18.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	32215	3.13	ng/ul	0.00
71) Anthracene-d10	17.12	188	1660328	19.76	ng/ul	0.00
79) Pyrene-d10	19.37	212	1905729	20.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2116252	19.16	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	166699	19.407	ng/uL 97
28) Naphthalene	10.46	128	1508238	21.676	ng/ul 99
34) 2-Methylnaphthalene	12.07	142	444352	9.093	ng/ul 99
41) 1,1'-Biphenyl	13.10	154	141625	2.127	ng/ul 100
45) Dimethylphthalate	13.73	163	864789	12.933	ng/ul 100
50) Acenaphthene	14.34	153	1042381	18.874	ng/ul 99
54) Dibenzofuran	14.67	168	925093	11.859	ng/ul 99
59) Fluorene	15.33	166	874491	14.028	ng/ul 99
70) Phenanthrene	17.07	178	1448166	14.061	ng/ul 100
72) Anthracene	17.16	178	278185	2.728	ng/ul 99
75) Carbazole	17.43	167	790122	9.202	ng/ul 99
77) Fluoranthene	19.05	202	238463	2.007	ng/ul 100
80) Pyrene	19.40	202	127208	1.060	ng/ul 99

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

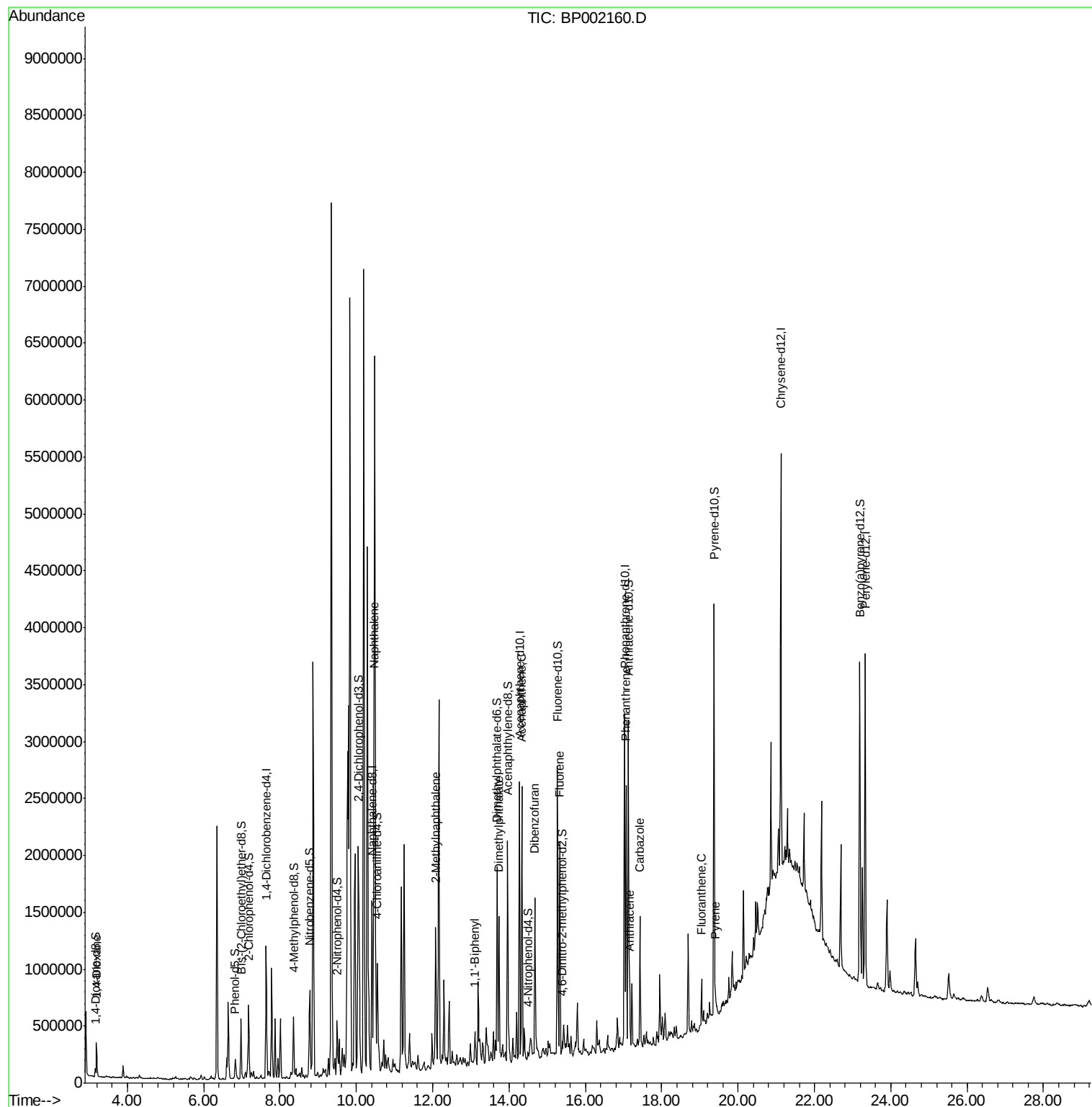
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002160.D
Acq On : 10 Mar 2020 20:46
Operator : CG/JU
Sample : L1843-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

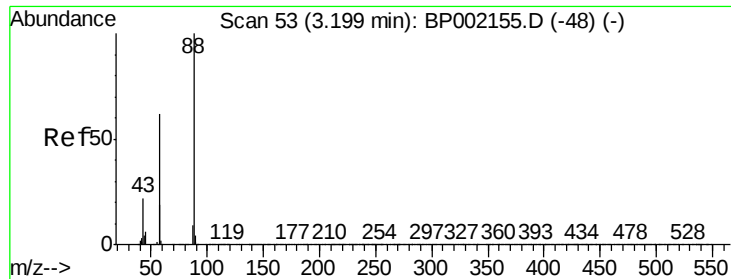
Instrument :
BNA_P
ClientSampleId :
CB5S8

Quant Time: Mar 11 01:10:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 00:28:36 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:14 PM





#2

1,4-Dioxane

Concen: 19.407 ng/uL

RT: 3.19 min Scan# 52

Delta R.T. -0.01 min

Lab File: BP002160.D

Acq: 10 Mar 2020 20:46

Instrument :

BNA_P

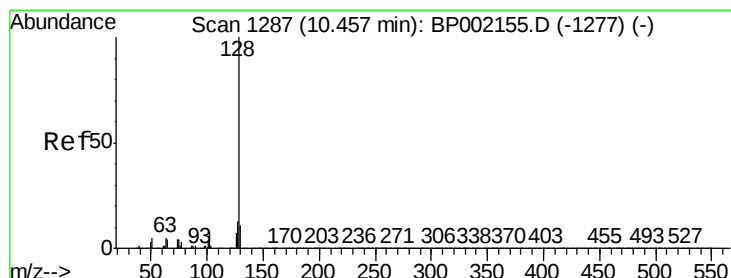
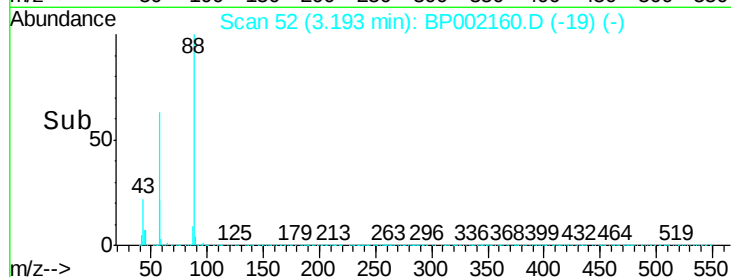
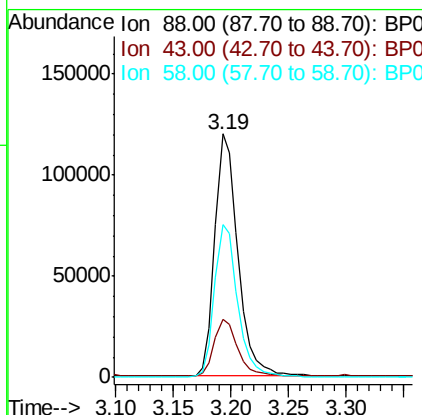
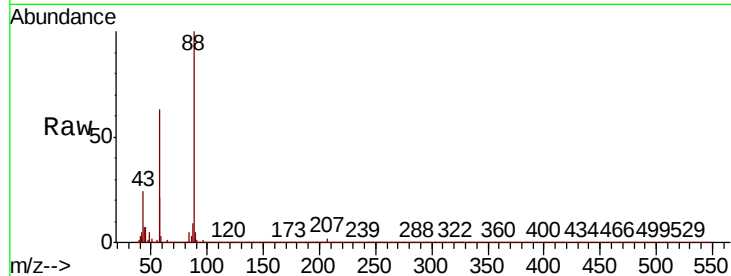
ClientSampleId :

CB5S8

Tot Ion:	88	Resp:	166699
Ion	Ratio	Lower	Upper
88	100		
43	23.7	22.6	34.0
58	62.9	49.6	74.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:14 PM



#28

Naphthalene

Concen: 21.676 ng/uL

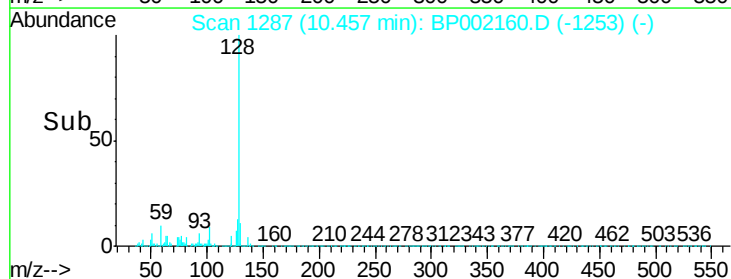
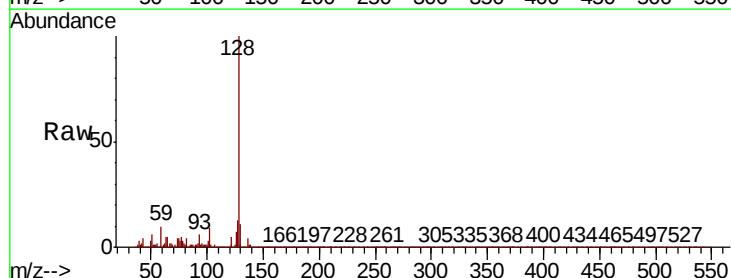
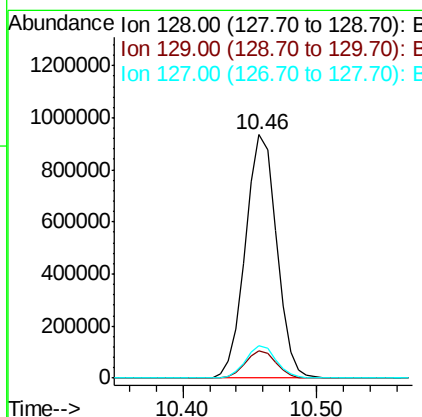
RT: 10.46 min Scan# 1287

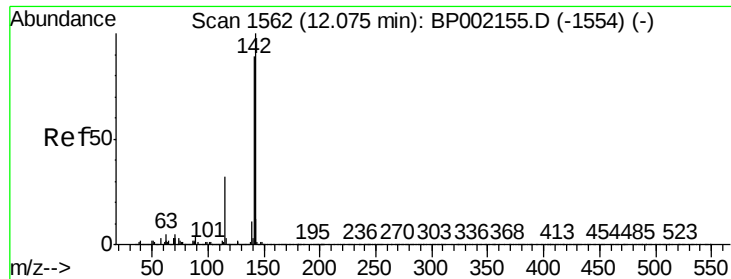
Delta R.T. -0.00 min

Lab File: BP002160.D

Acq: 10 Mar 2020 20:46

Tgt Ion:	128	Resp:	1508238
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.2	15.2





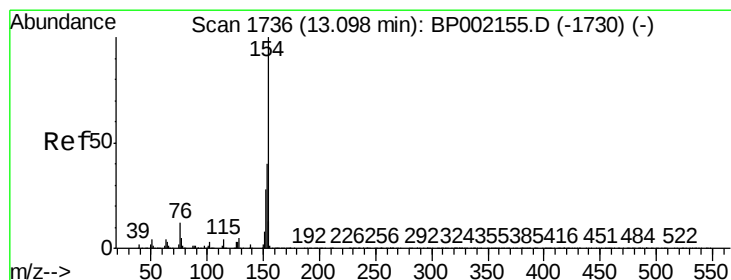
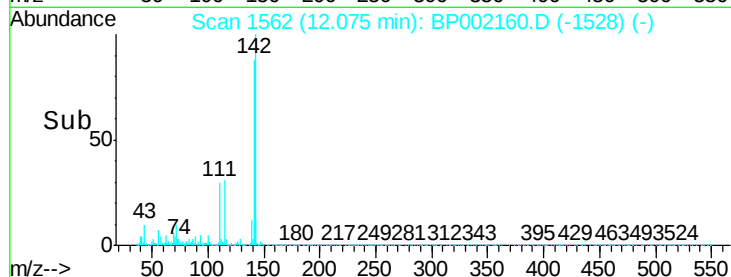
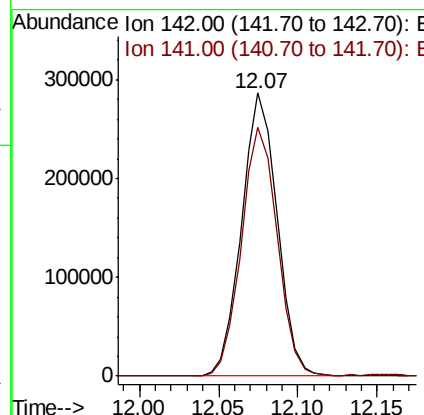
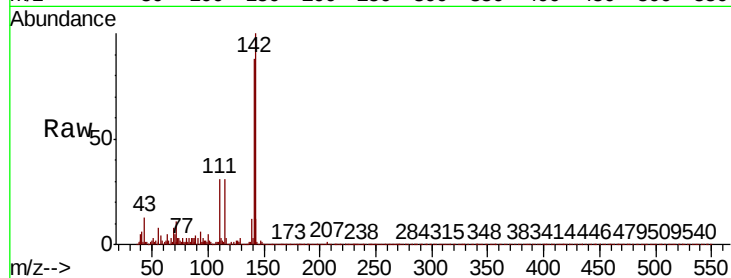
#34
 2-Methylnaphthalene
 Concen: 9.093 ng/ul
 RT: 12.07 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BP002160.D
 Acq: 10 Mar 2020 20:46

Instrument :
 BNA_P
 ClientSampleId :
 CB5S8

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2

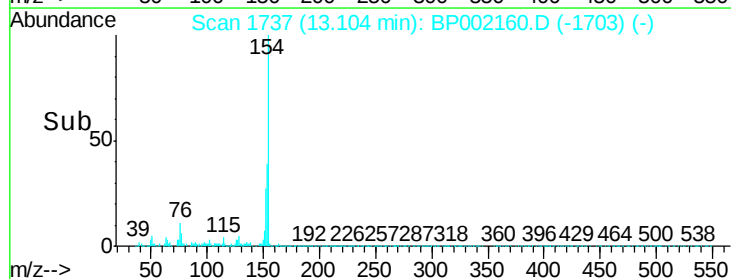
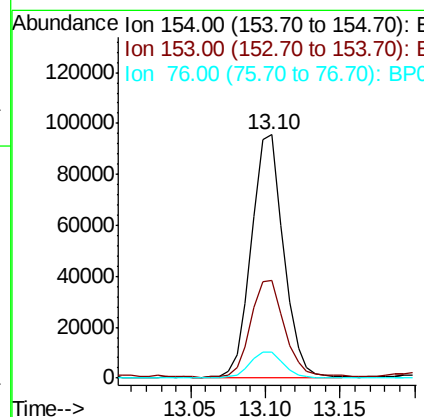
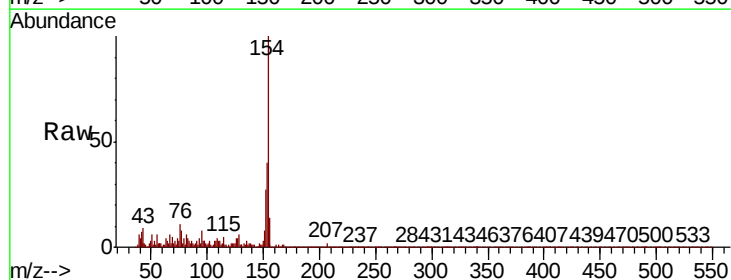
Manual Integrations
 APPROVED

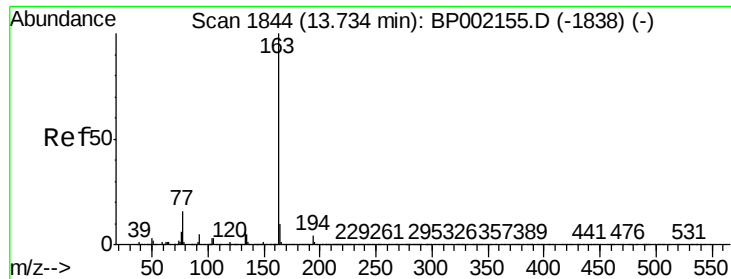
mohammad
 3/11/2020 4:56:14 PM



#41
 1,1'-Biphenyl
 Concen: 2.127 ng/ul
 RT: 13.10 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BP002160.D
 Acq: 10 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.0	48.0
76	10.9	8.9	13.3





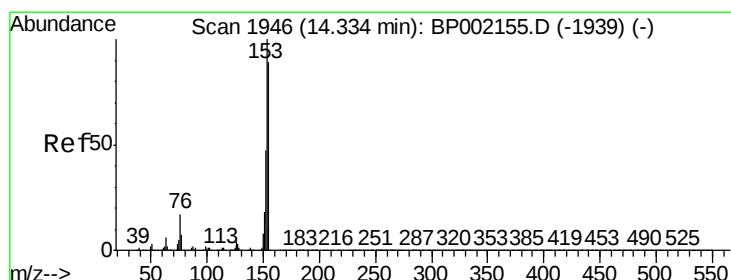
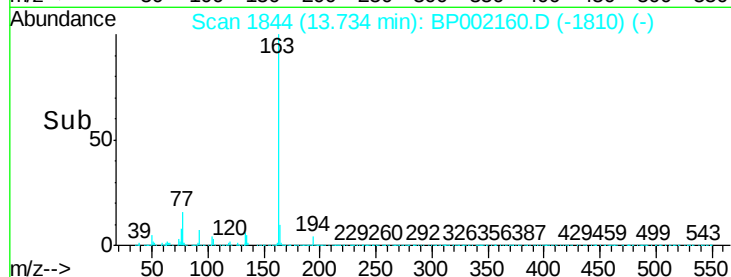
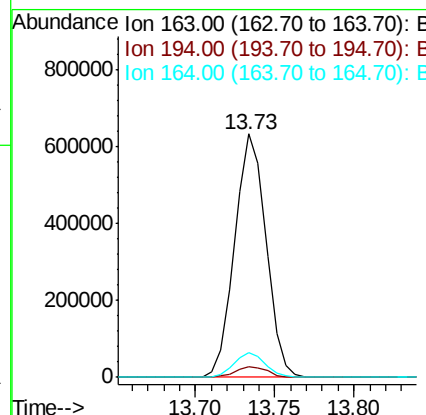
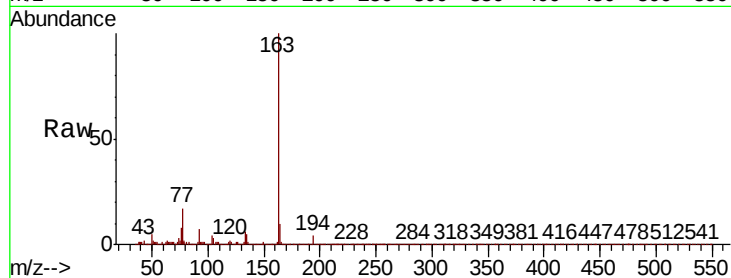
#45
Dimethylphthalate
Concen: 12.933 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Instrument :
BNA_P
ClientSampleId :
CB5S8

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.4	3.6	5.4	
164	10.3	8.2	12.4	

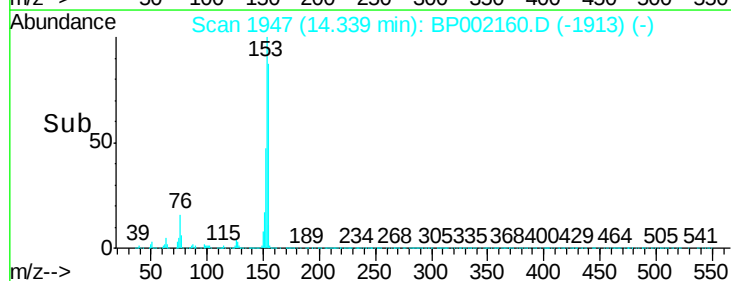
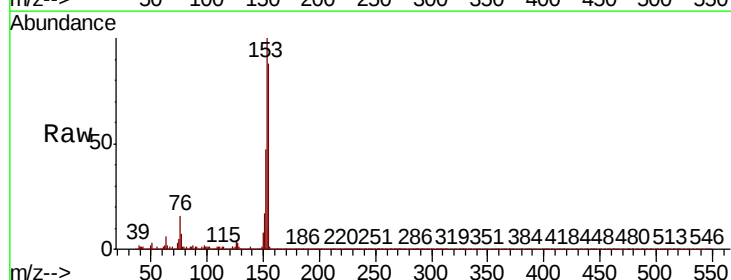
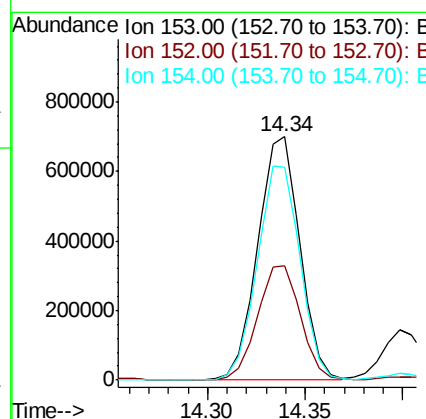
Manual Integrations
APPROVED

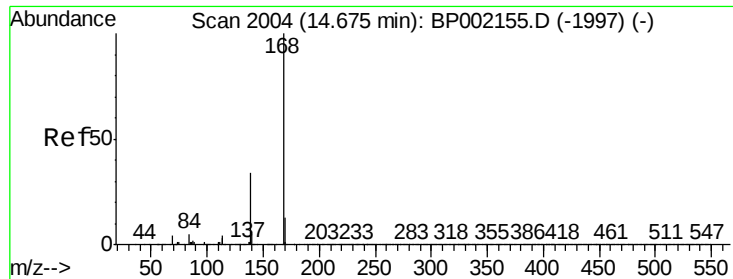
mohammad
3/11/2020 4:56:14 PM



#50
Acenaphthene
Concen: 18.874 ng/ul
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Tgt Ion	Ion	Ratio	Lower	Upper
153	100			
152	47.1	37.1	55.7	
154	87.6	70.5	105.7	





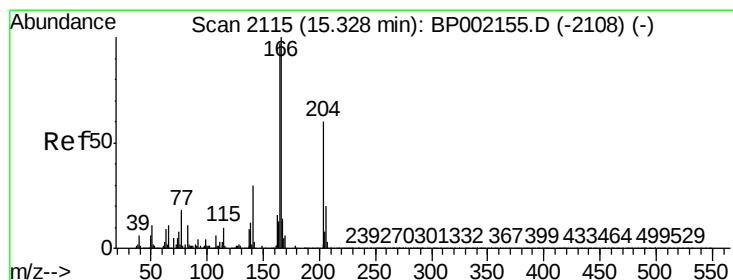
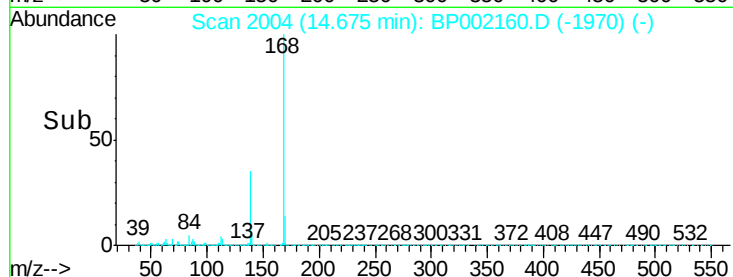
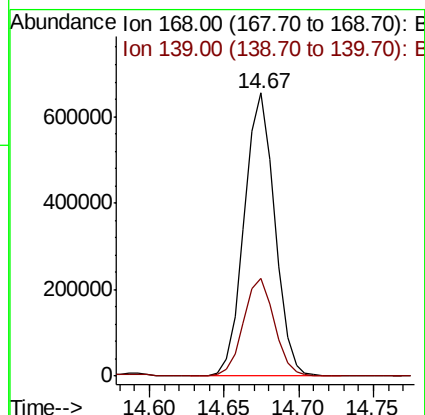
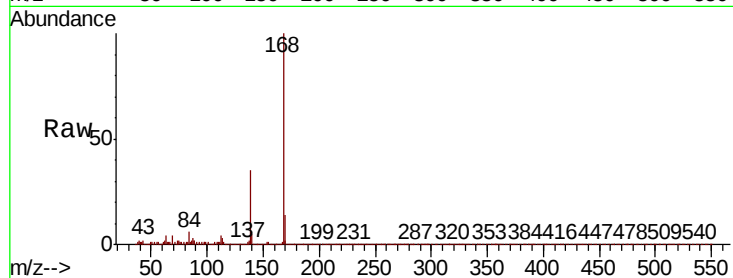
#54
Dibenzenofuran
Concen: 11.859 ng/ul
RT: 14.67 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Instrument :
BNA_P
ClientSampleId :
CB5S8

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	28.3	42.5

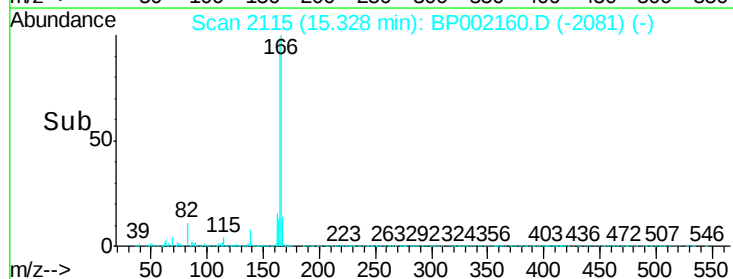
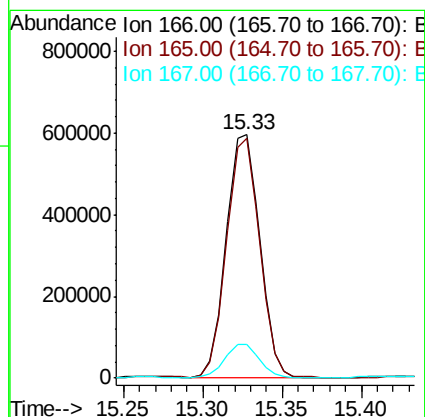
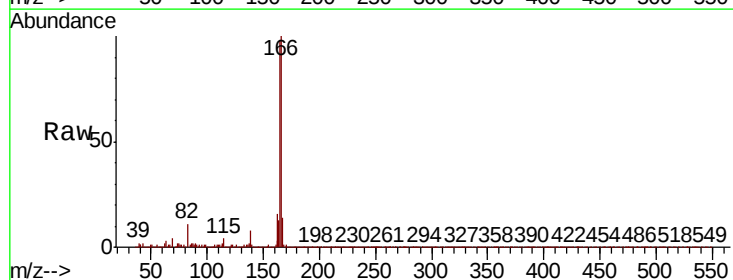
Manual Integrations
APPROVED

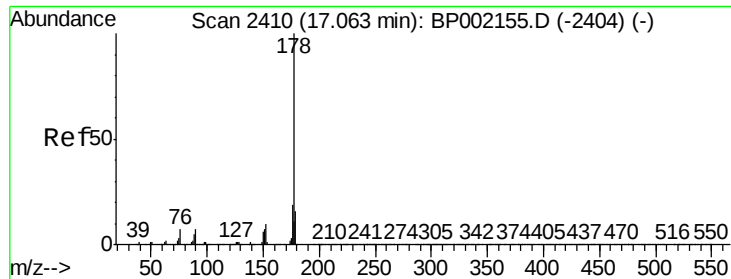
mohammad
3/11/2020 4:56:14 PM



#59
Fluorene
Concen: 14.028 ng/ul
RT: 15.33 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	13.9	10.7	16.1





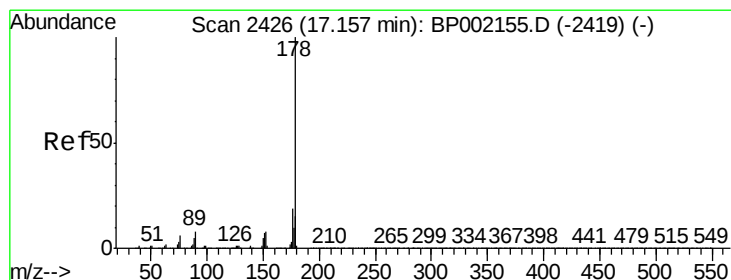
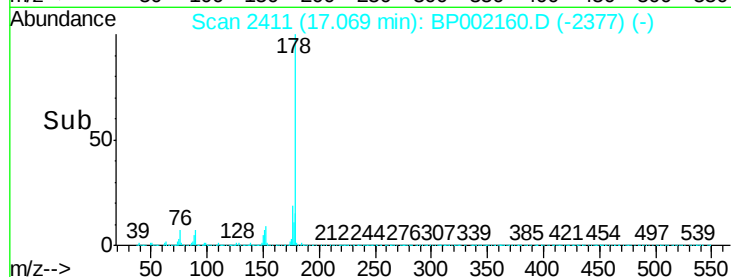
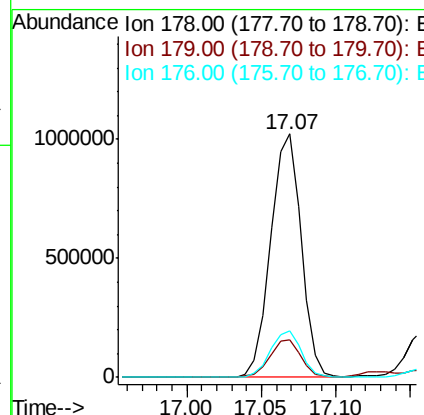
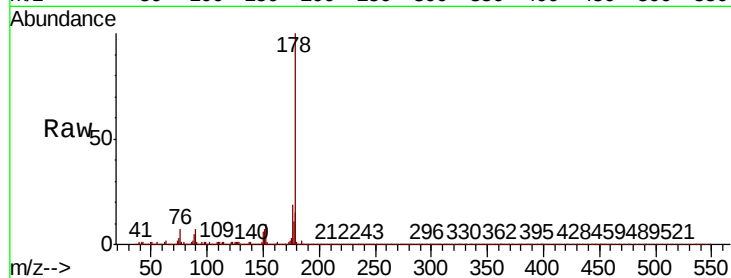
#70
Phenanthrene
Concen: 14.061 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Instrument :
BNA_P
ClientSampleId :
CB5S8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.0	14.9	22.3

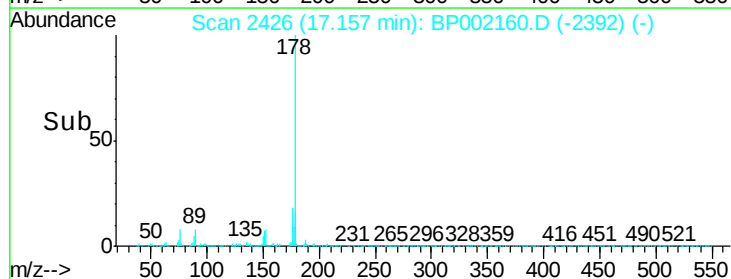
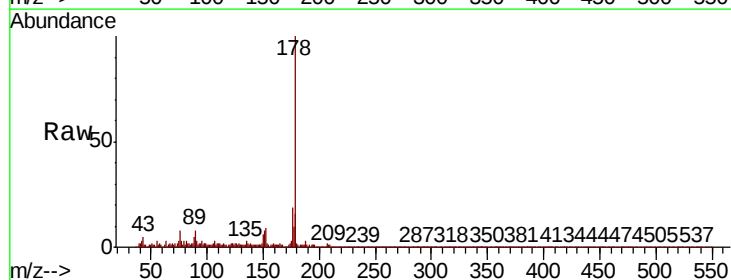
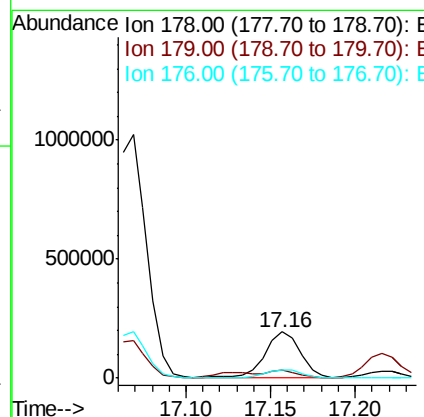
Manual Integrations
APPROVED

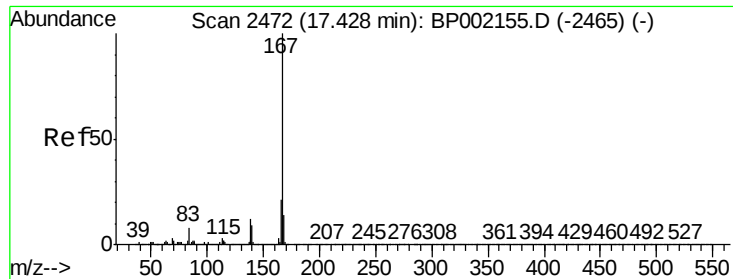
mohammad
3/11/2020 4:56:14 PM



#72
Anthracene
Concen: 2.728 ng/ul
RT: 17.16 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	18.7	14.6	22.0





#75

Carbazole

Concen: 9.202 ng/ul

RT: 17.43 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BP002160.D

Acq: 10 Mar 2020 20:46

Instrument :

BNA_P

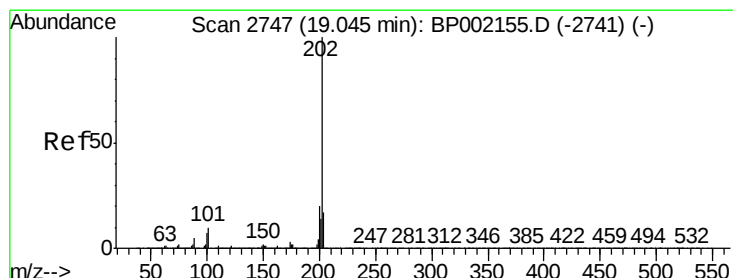
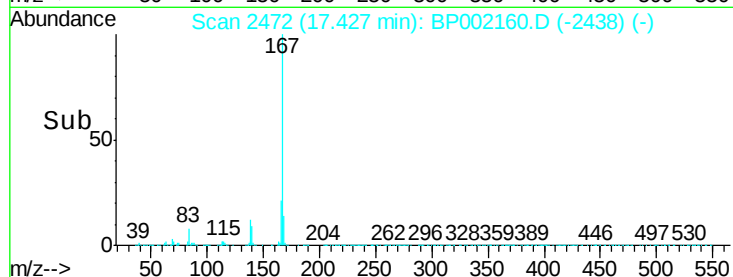
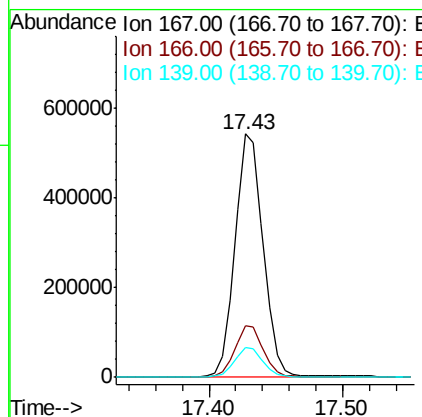
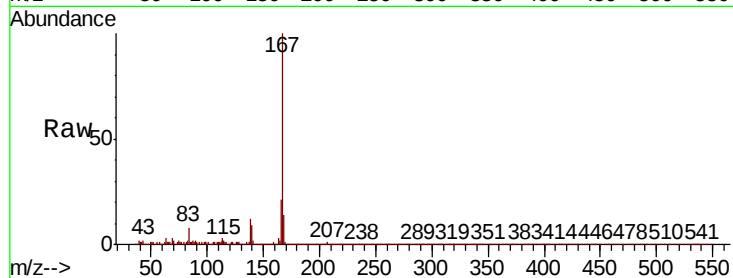
ClientSampleId :

CB5S8

Tot Ion:	167	Resp:	790122
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.2	25.8
139	12.4	10.1	15.1

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:14 PM



#77

Fluoranthene

Concen: 2.007 ng/ul

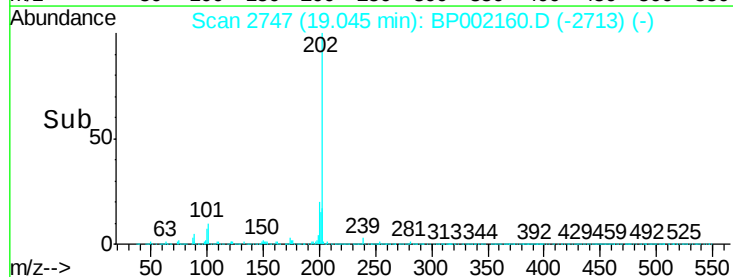
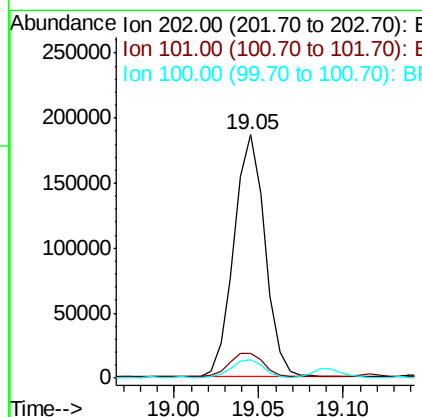
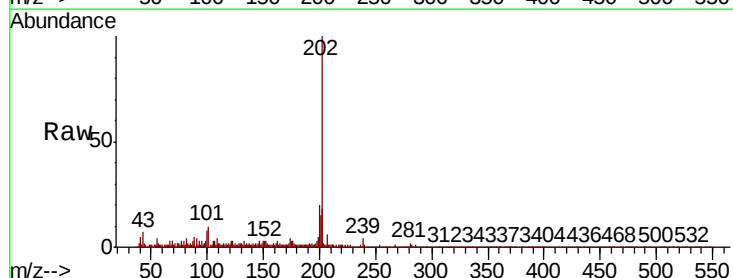
RT: 19.05 min Scan# 2747

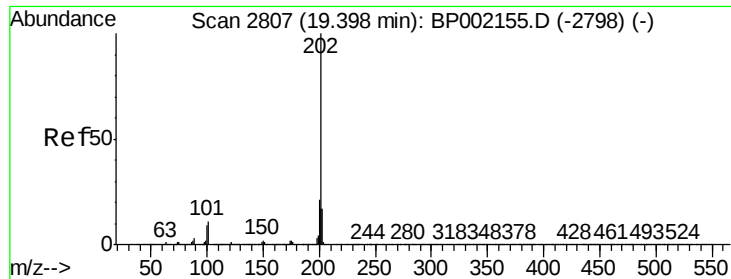
Delta R.T. -0.00 min

Lab File: BP002160.D

Acq: 10 Mar 2020 20:46

Tgt Ion:	202	Resp:	238463
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.2	12.2
100	7.7	6.3	9.5





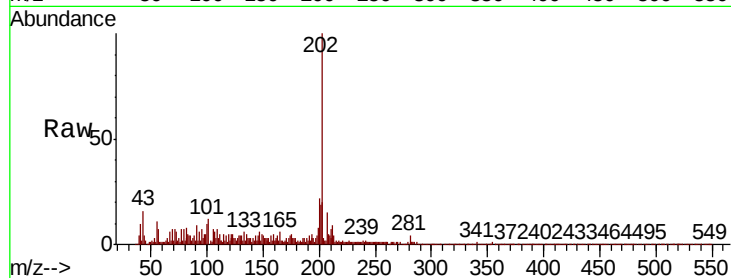
#80
Pvrene
Concen: 1.060 ng/ul
RT: 19.40 min Scan# 2807
Delta R.T. -0.00 min
Lab File: BP002160.D
Acq: 10 Mar 2020 20:46

Instrument :
BNA_P
ClientSampleId :
CB5S8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.8	7.6	11.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:14 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

