

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000691.D
 Acq On : 13 Oct 2019 00:49
 Operator : JU
 Sample : K5348-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190882-COMPOSITE-N

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:08:27 AM

Quant Time: Oct 14 06:51:48 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	6.75	152	220969	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	797321	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	437592	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	793976	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	679958	20.00	ng	-0.02
87) Perylene-d12	15.44	264	763497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	59151	4.30	ng	-0.02
7) Phenol-d6	6.39	99	591928	35.73	ng	-0.02
23) Nitrobenzene-d5	7.31	82	833785	63.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	20516	4.40	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1727000	63.86	ng	-0.02
79) Terphenyl-d14	12.90	244	1951751	58.12	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	62596	3.691	ng	Qvalue 92
50) Dimethylphthalate	9.51	163	303254	9.973	ng	100
75) Fluoranthene	12.52	202	137169	3.063	ng	97
78) Pyrene	12.75	202	141336	3.014	ng	98
83) Chrysene	13.99	228	84223	2.068	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	84358	3.282	ng	99
88) Benzo(b)fluoranthene	15.01	252	109322m	2.524	ng	
90) Benzo(a)pyrene	15.37	252	87980	2.179	ng	# 94

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

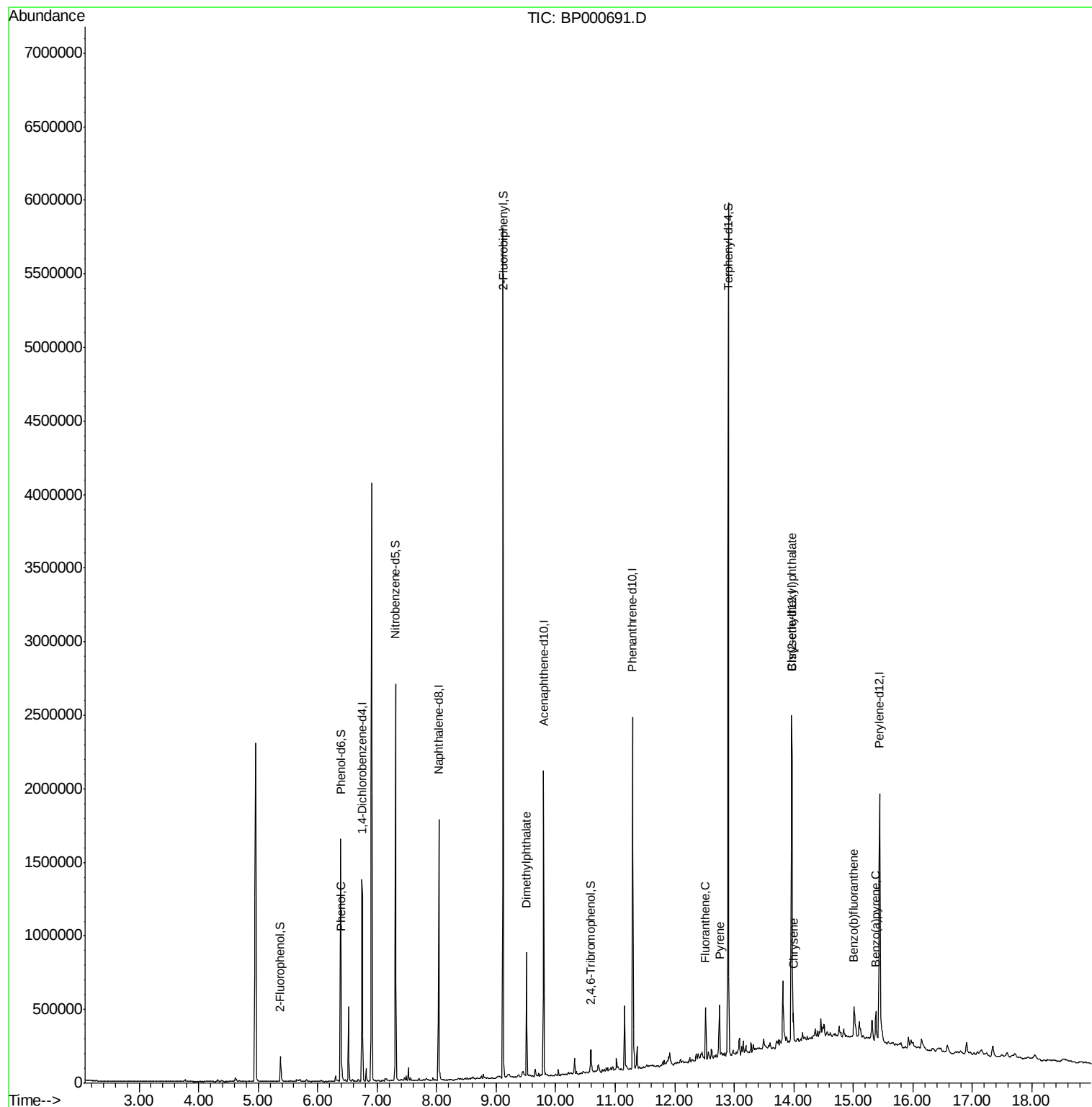
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000691.D
Acq On : 13 Oct 2019 00:49
Operator : JU
Sample : K5348-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

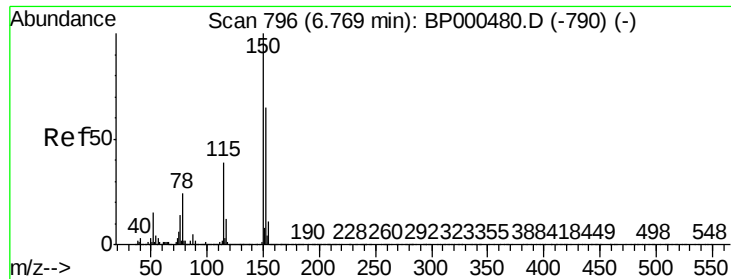
Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-N

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:27 AM

Quant Time: Oct 14 06:51:48 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





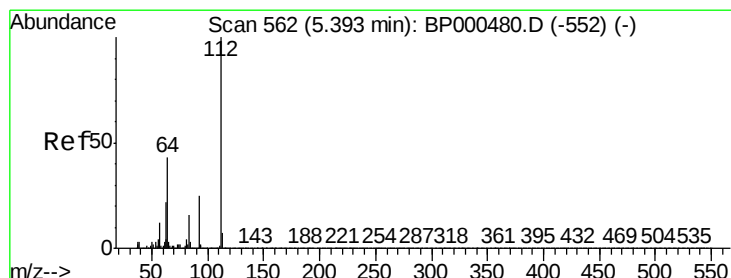
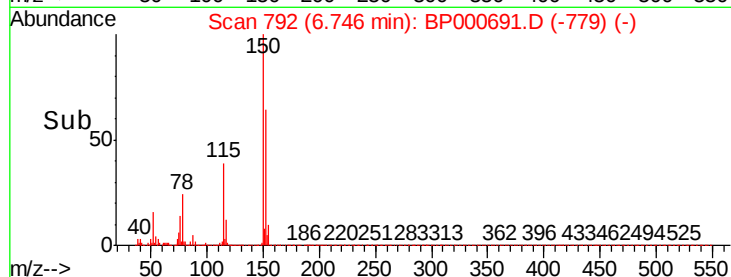
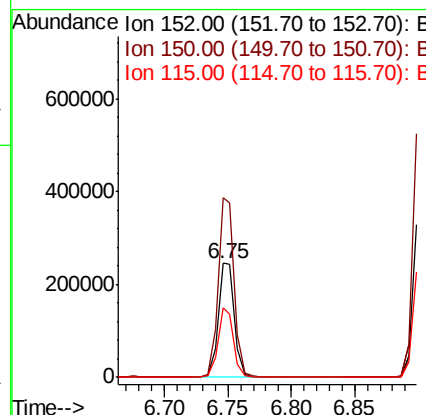
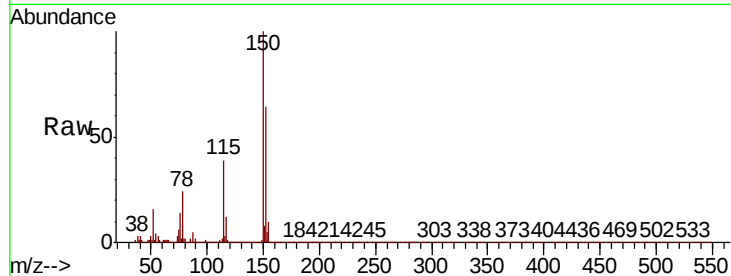
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BP000691.D
 Acq: 13 Oct 2019 00:49

Instrument :
 BNA_P
 ClientSampleId :
 20190882-COMPOSITE-N

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.1	186.1
115	61.2	48.7	73.1

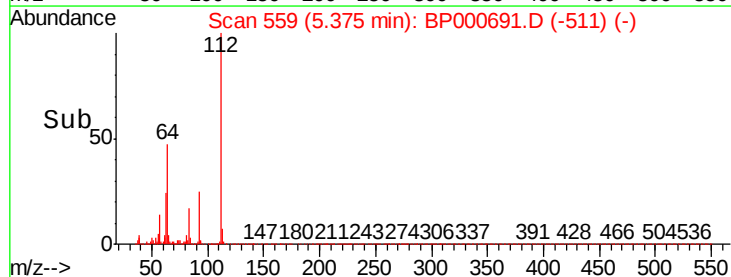
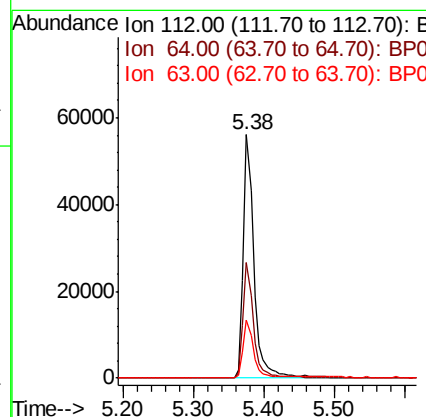
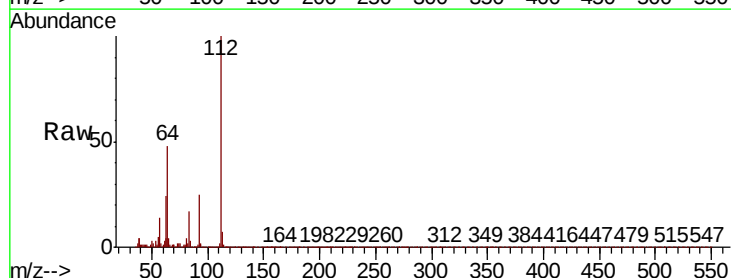
Manual Integrations
 APPROVED

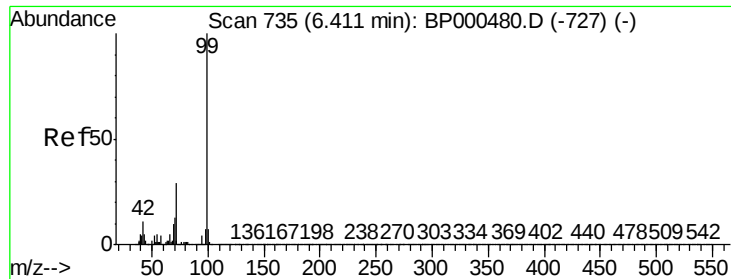
mohammad
 10/16/2019 8:08:27 AM



#5
 2-Fluorophenol
 Concen: 4.303 ng
 RT: 5.38 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BP000691.D
 Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	34.2	51.4
63	23.9	17.9	26.9





#7

Phenol-d6

Concen: 35.733 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

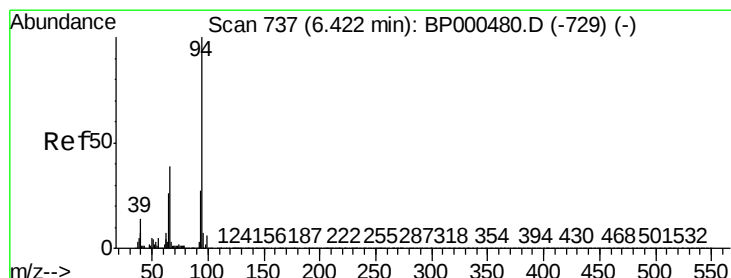
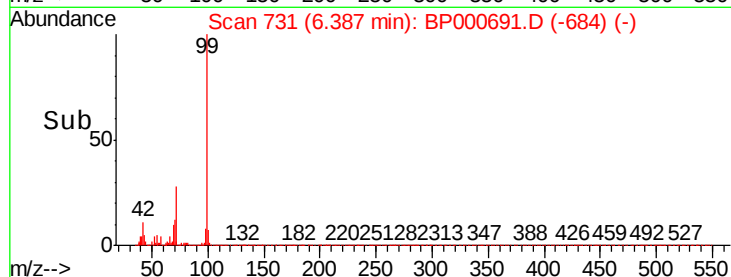
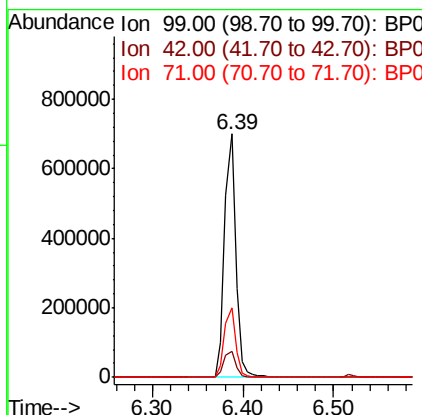
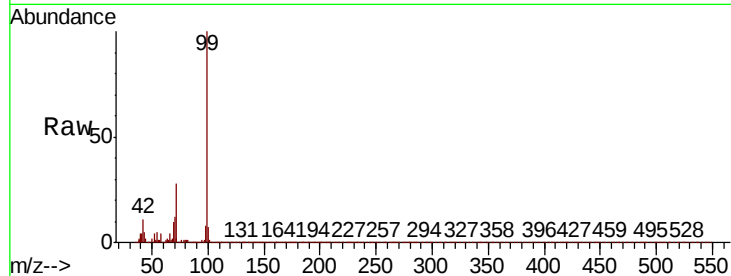
ClientSampleId :

20190882-COMPOSITE-N

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		591928		
42	10.9	8.6	12.8		
71	28.4	23.0	34.4		

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:27 AM



#10

Phenol

Concen: 3.691 ng

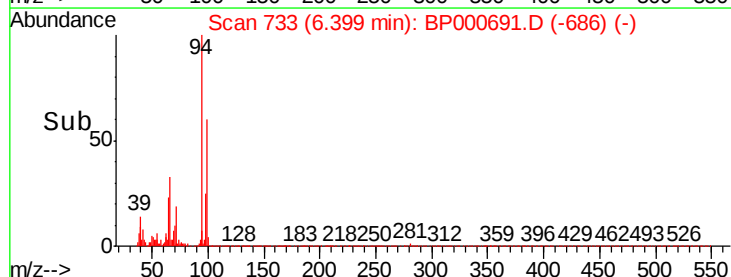
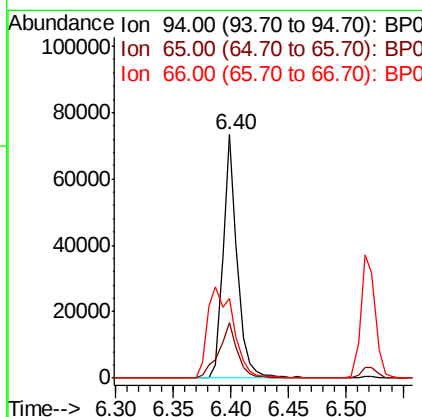
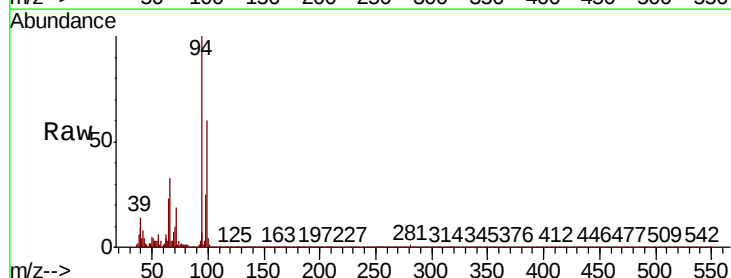
RT: 6.40 min Scan# 733

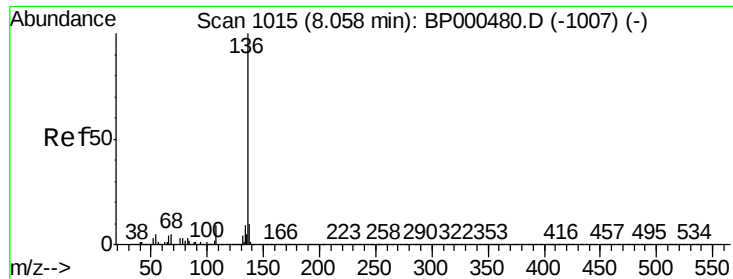
Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		62596		
65	22.9	5.9	45.9		
66	32.8	18.8	58.8		





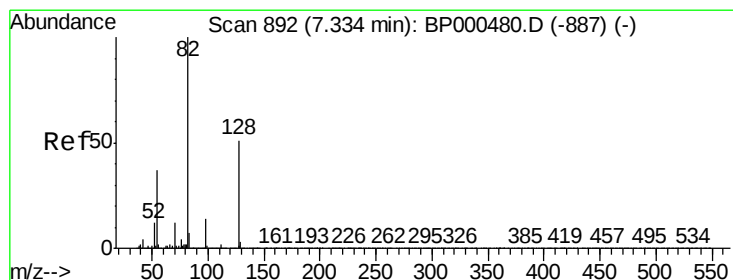
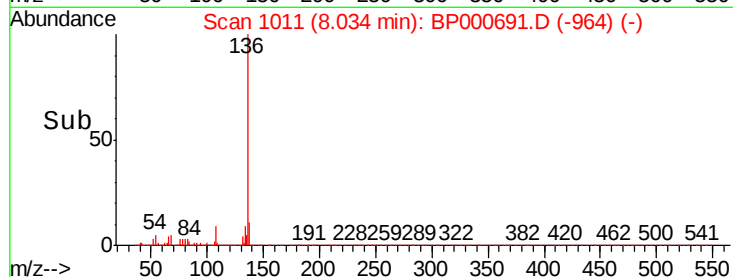
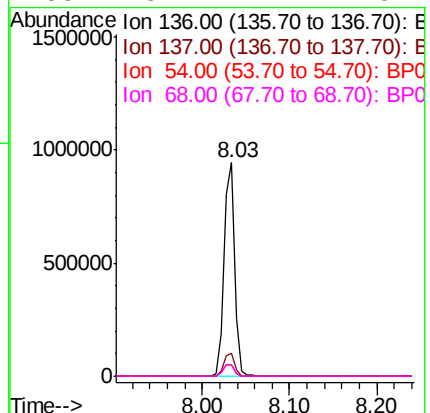
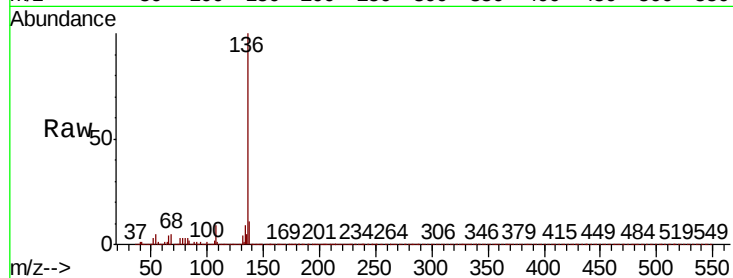
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-N

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.2	4.1	6.1
68	5.4	4.1	6.1

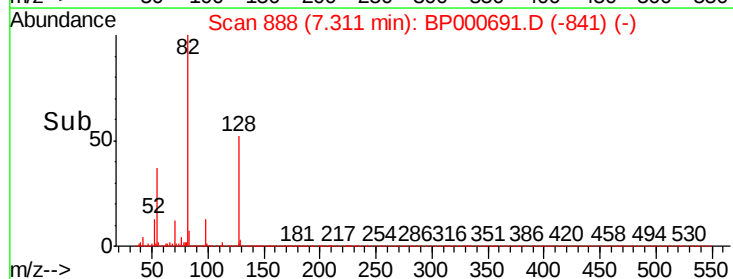
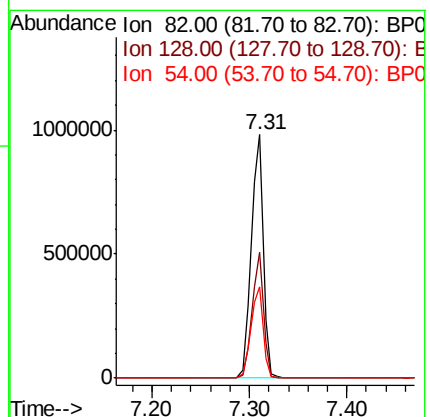
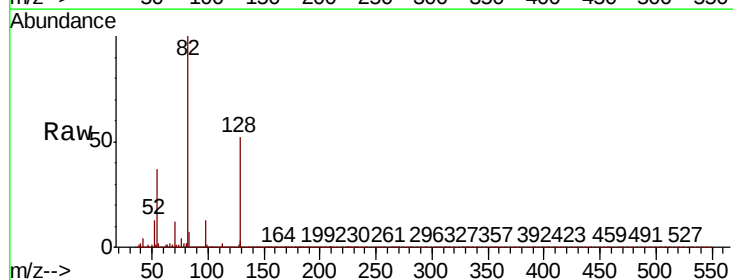
Manual Integrations
APPROVED

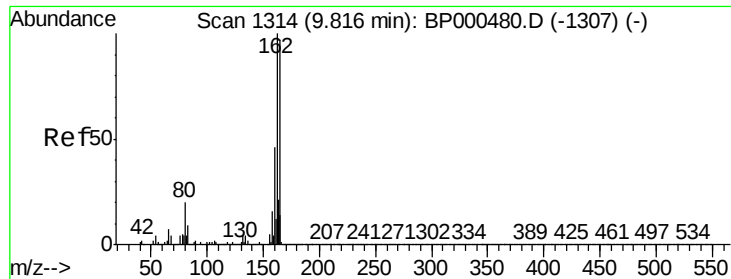
mohammad
10/16/2019 8:08:27 AM



#23
Nitrobenzene-d5
Concen: 63.869 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	51.7	40.9	61.3
54	37.3	29.4	44.2





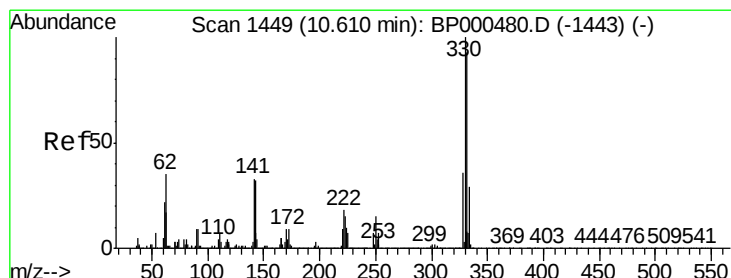
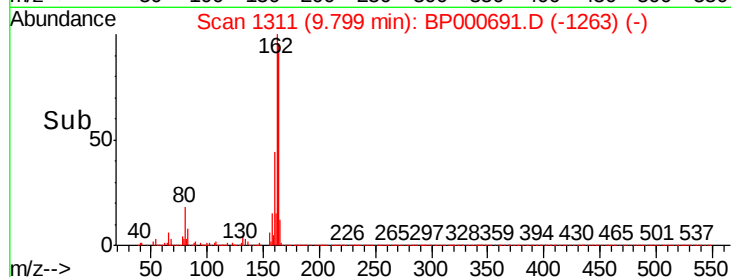
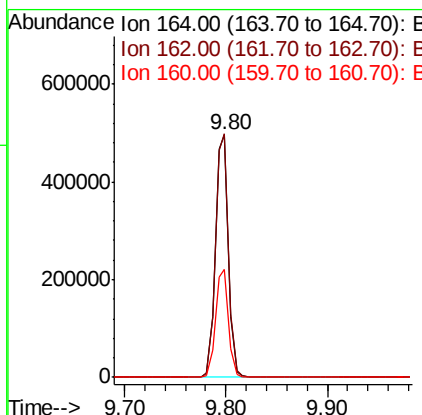
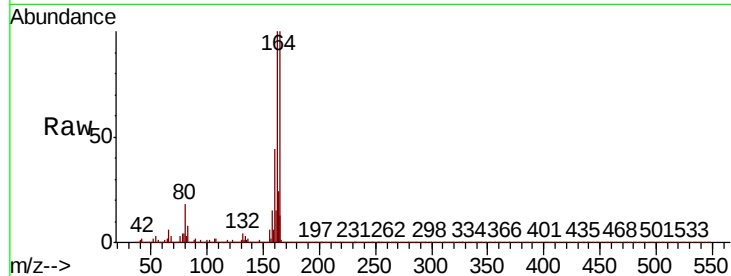
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-N

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.2	123.2
160	44.4	37.6	56.4

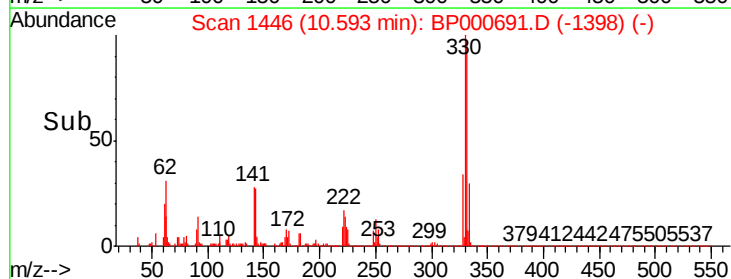
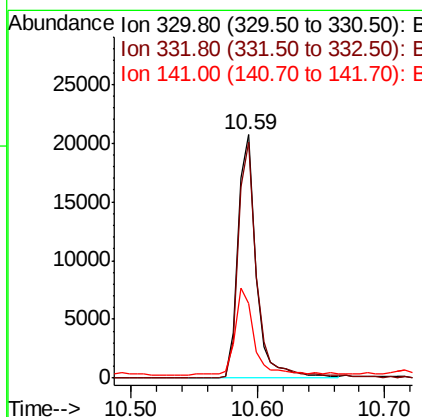
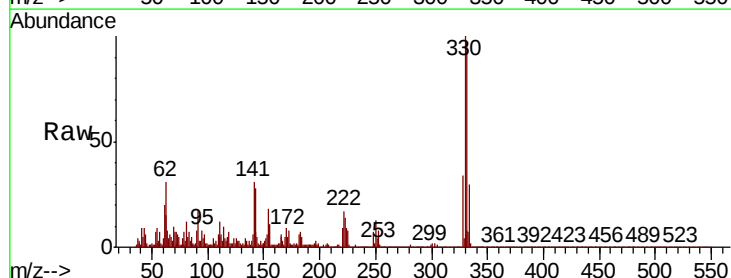
Manual Integrations
APPROVED

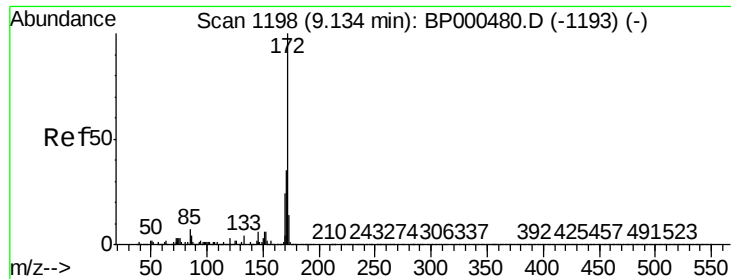
mohammad
10/16/2019 8:08:27 AM



#42
2,4,6-Tribromophenol
Concen: 4.400 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.1	115.7
141	37.1	26.0	39.0





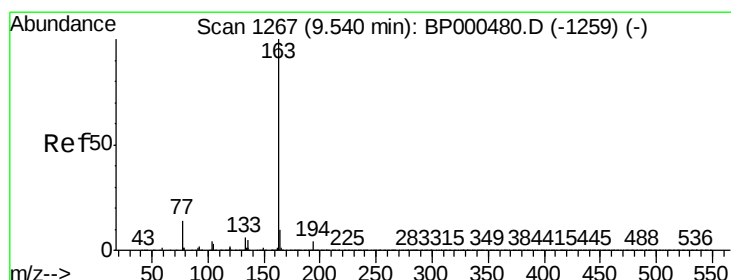
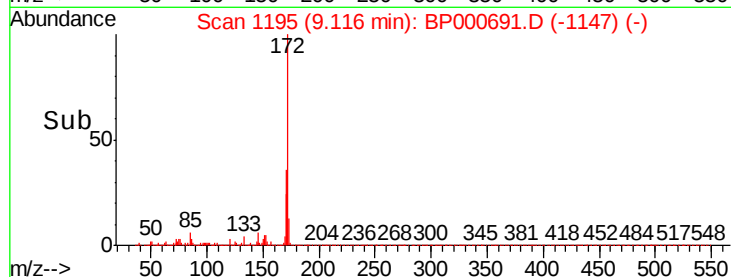
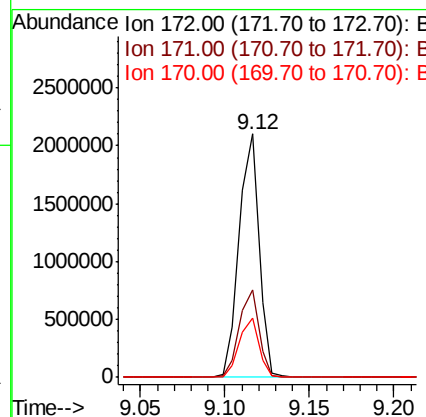
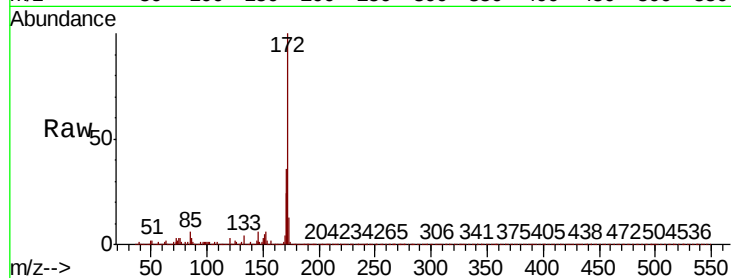
#45
2-Fluorobiphenyl
Concen: 63.856 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-N

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.4	42.6
170	24.1	19.1	28.7

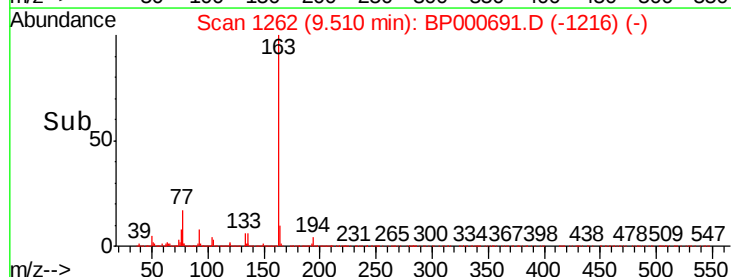
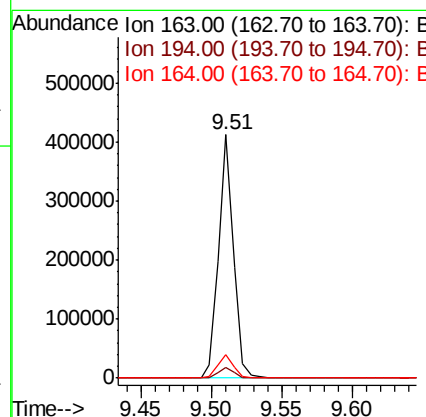
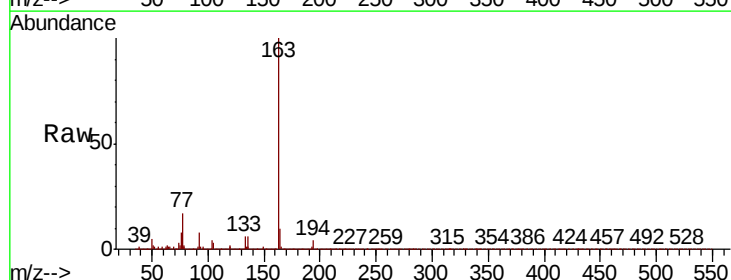
Manual Integrations
APPROVED

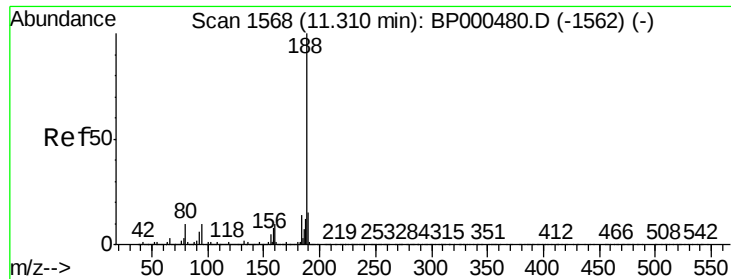
mohammad
10/16/2019 8:08:27 AM



#50
Dimethylphthalate
Concen: 9.973 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.0	12.0





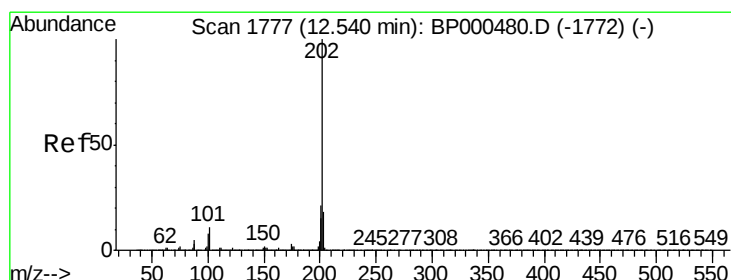
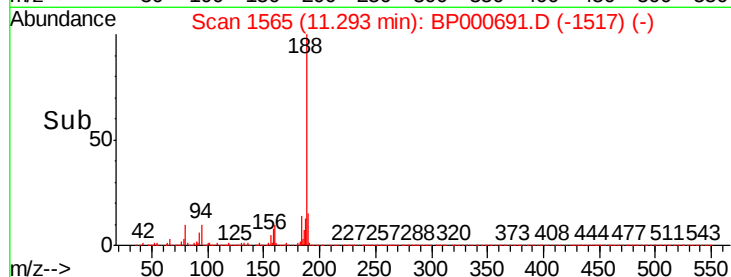
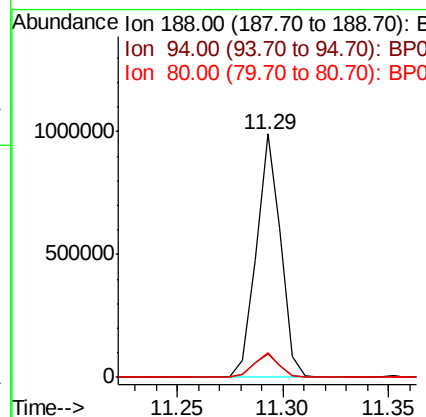
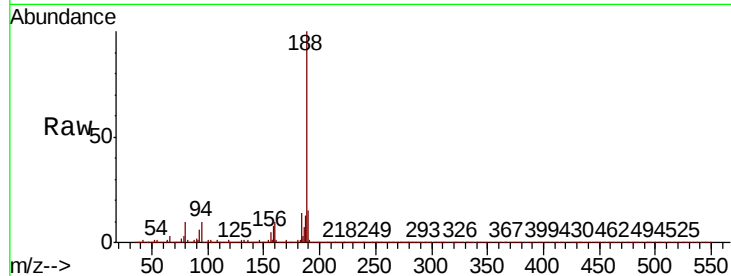
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-N

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		793976		
94	9.8	8.2	12.2		
80	10.1	8.3	12.5		

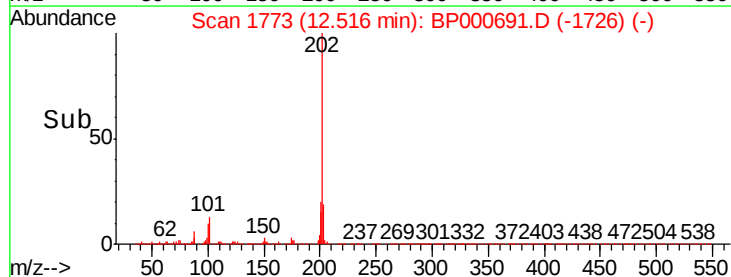
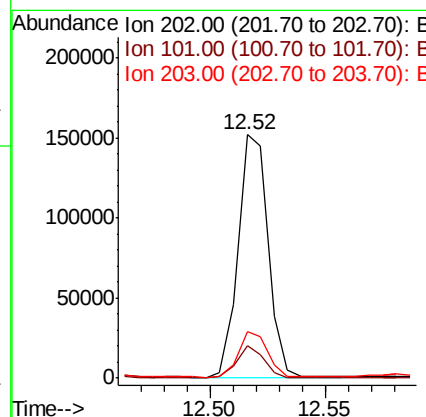
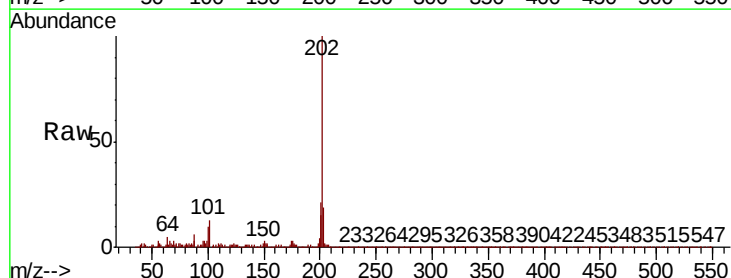
Manual Integrations
APPROVED

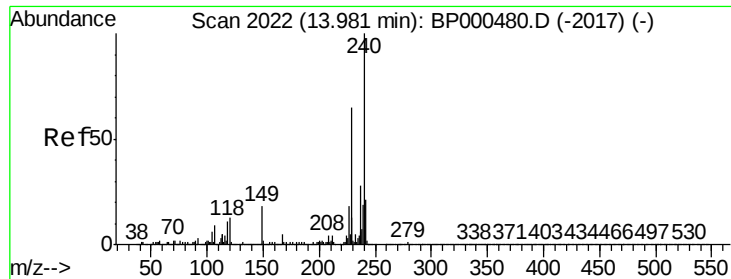
mohammad
10/16/2019 8:08:27 AM



#75
Fluoranthene
Concen: 3.063 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		137169		
101	13.1	0.0	31.3		
203	19.2	0.0	38.1		





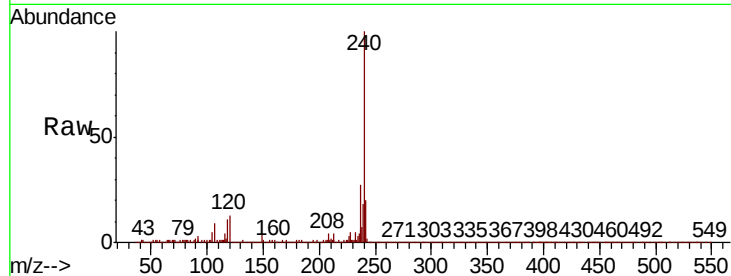
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-N

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.1	15.1
236	26.5	22.7	34.1

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:27 AM

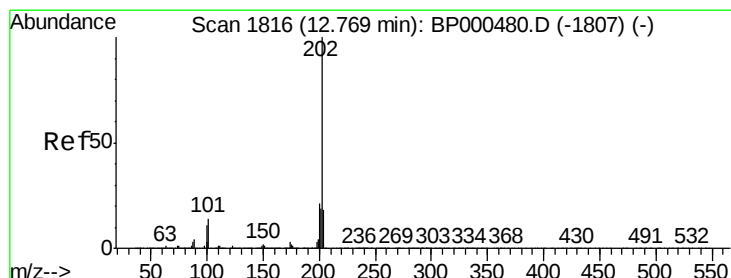
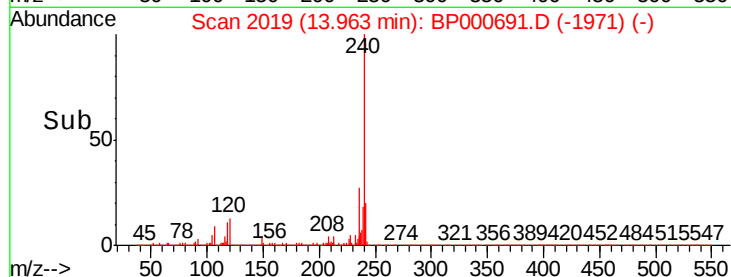
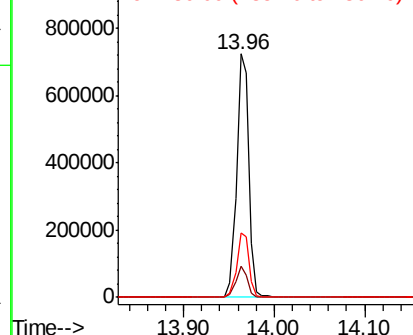


Abundance

Ion 240.00 (239.70 to 240.70): E

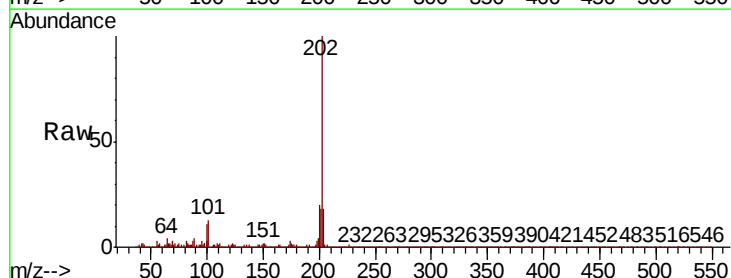
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.014 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.1	25.7
203	17.9	14.6	21.8

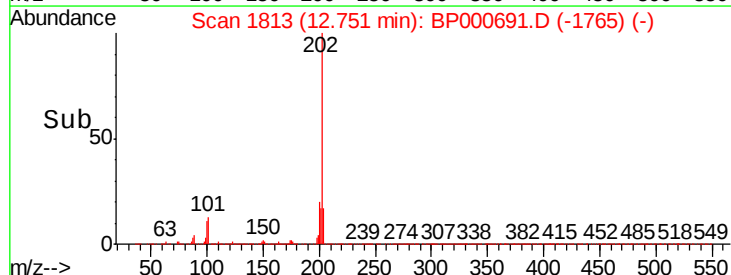
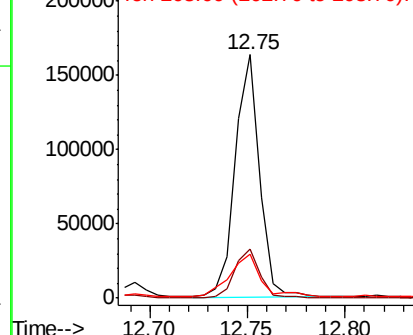


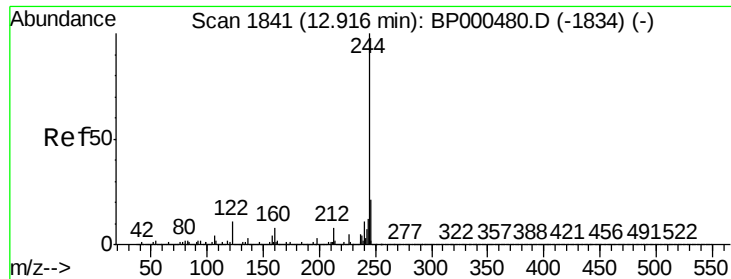
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





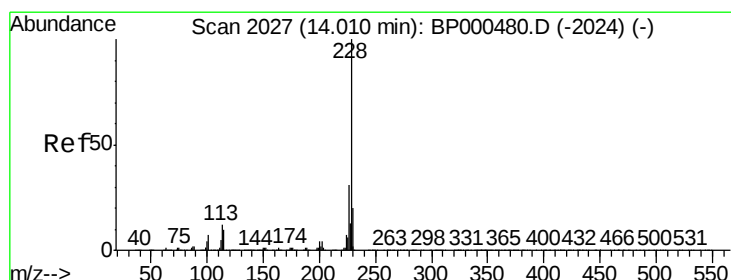
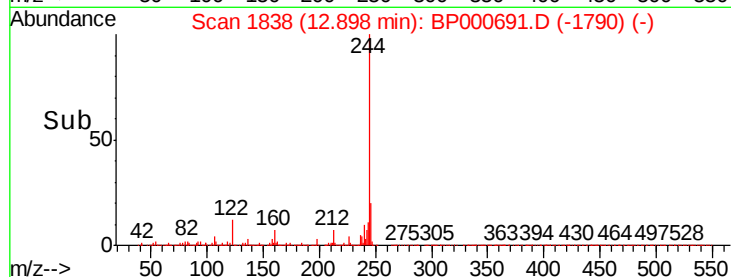
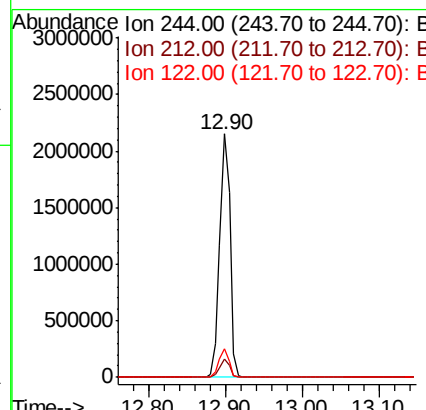
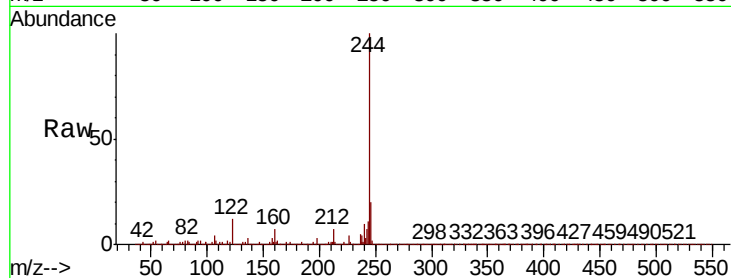
#79
 Terphenyl-d14
 Concen: 58.118 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000691.D
 Acq: 13 Oct 2019 00:49

Instrument :
 BNA_P
 ClientSampleId :
 20190882-COMPOSITE-N

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.7	8.9	13.3

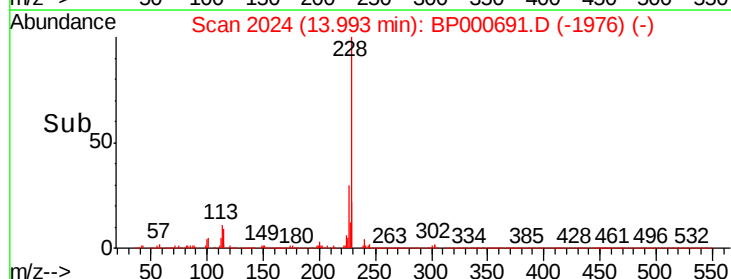
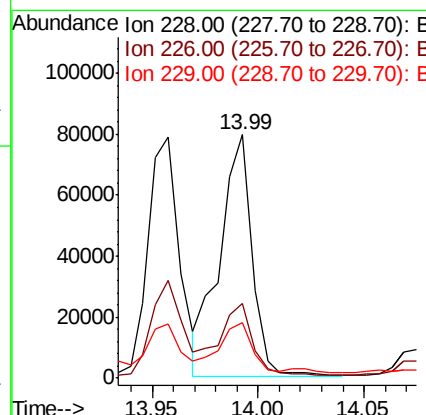
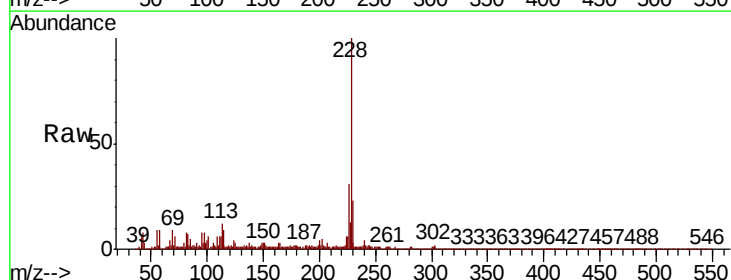
Manual Integrations
 APPROVED

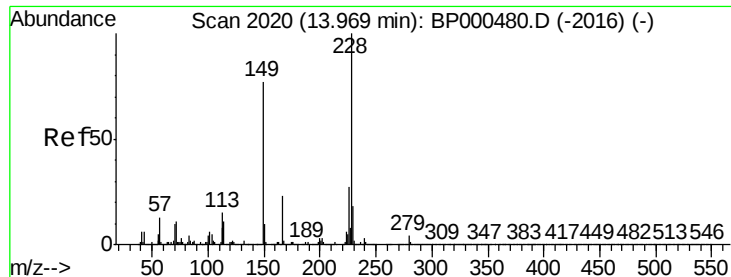
mohammad
 10/16/2019 8:08:27 AM



#83
 Chrysene
 Concen: 2.068 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BP000691.D
 Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	23.0	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.282 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

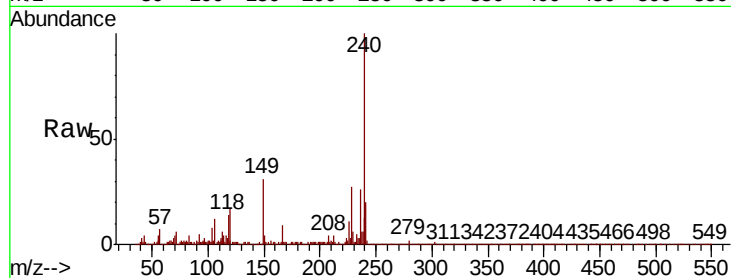
ClientSampleId :

20190882-COMPOSITE-N

Tot Ion:	149	Resp:	84358
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.6	35.4
279	5.1	3.9	5.9

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:27 AM

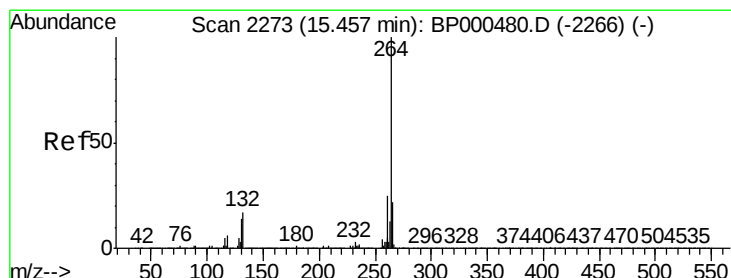
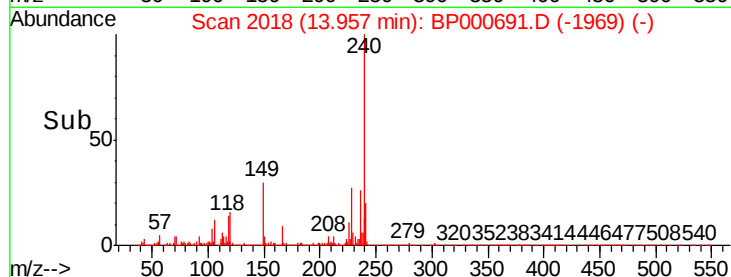
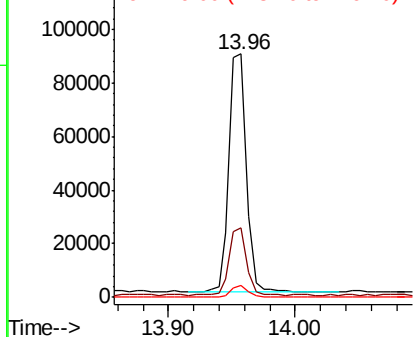


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

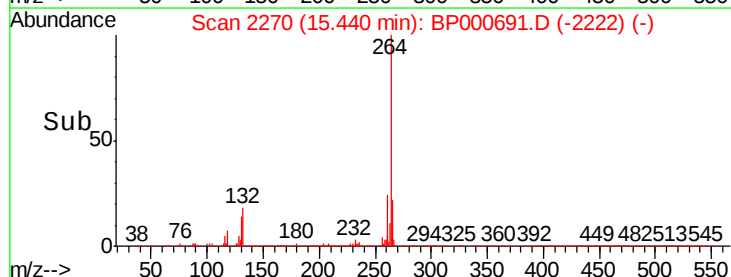
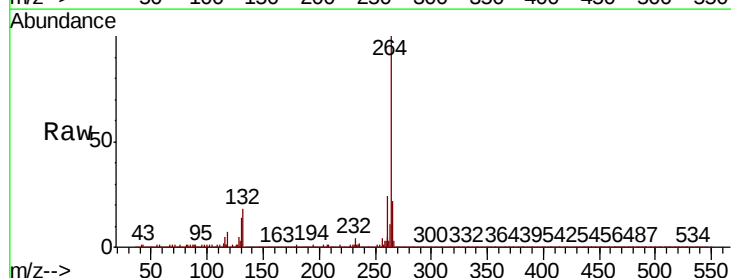
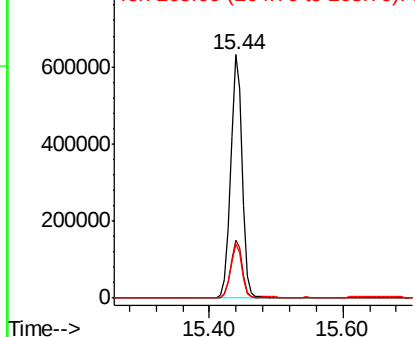
Tgt Ion:	264	Resp:	763497
Ion Ratio	Lower	Upper	
264	100		
260	23.8	20.3	30.5
265	22.0	18.0	27.0

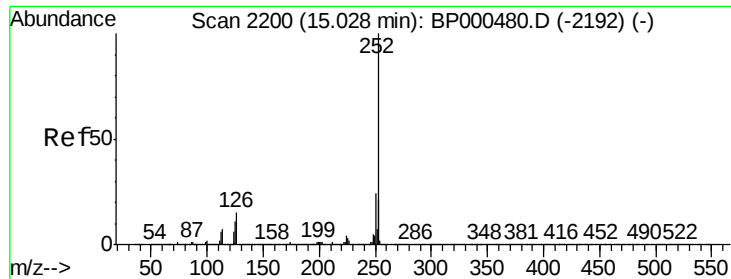
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.524 ng m

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

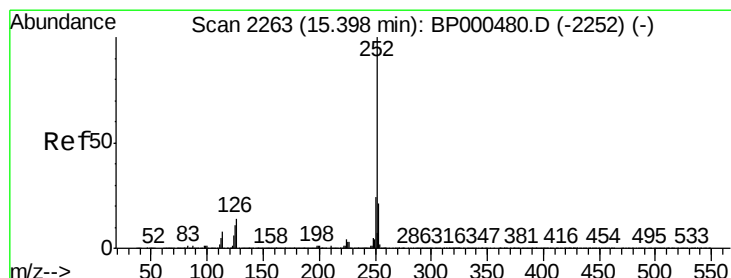
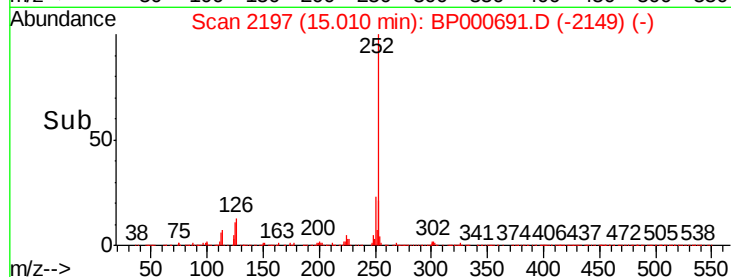
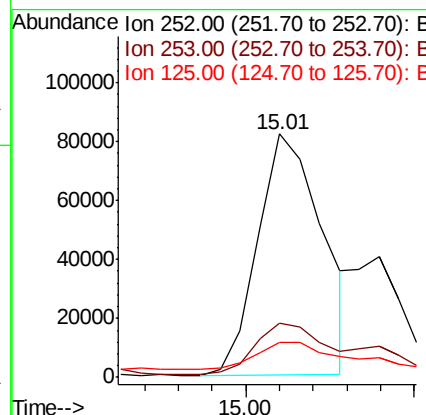
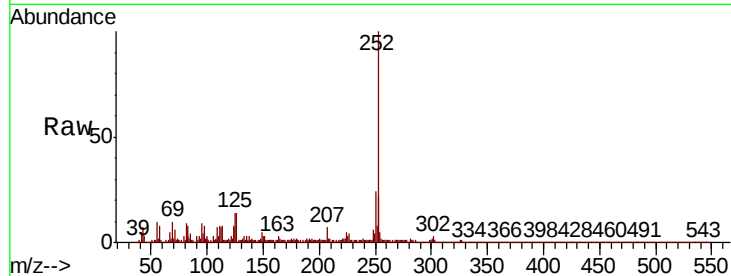
ClientSampleId :

20190882-COMPOSITE-N

Tot Ion:	252	Resp:	109322
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.4
125	14.1	8.9	13.3#

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:27 AM



#90

Benzo(a)pyrene

Concen: 2.179 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Tgt Ion:	252	Resp:	87980
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	14.4	8.4	12.6#

