

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000864.D
 Acq On : 18 Oct 2019 03:29
 Operator : JU
 Sample : K5401-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200036-RT1488

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:16:44 PM

Quant Time: Oct 18 08:32:48 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	194859	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	690496	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	366729	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	664172	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	547077	20.00	ng	-0.01
87) Perylene-d12	15.45	264	639041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1237668	102.10	ng	-0.01
7) Phenol-d6	6.39	99	1571307	107.57	ng	-0.02
23) Nitrobenzene-d5	7.31	82	879307	77.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	491663	125.81	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1943154	85.73	ng	-0.02
79) Terphenyl-d14	12.90	244	2154662	79.74	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.51	163	258173	10.132	ng	Qvalue 100
71) Phenanthrene	11.32	178	95479	2.862	ng	99
75) Fluoranthene	12.52	202	258470	6.899	ng	99
78) Pyrene	12.75	202	220593	5.846	ng	99
81) Benzo(a)anthracene	13.96	228	83429	2.499	ng	95
83) Chrysene	14.00	228	86563	2.642	ng	98
88) Benzo(b)fluoranthene	15.02	252	105990m	2.924	ng	

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

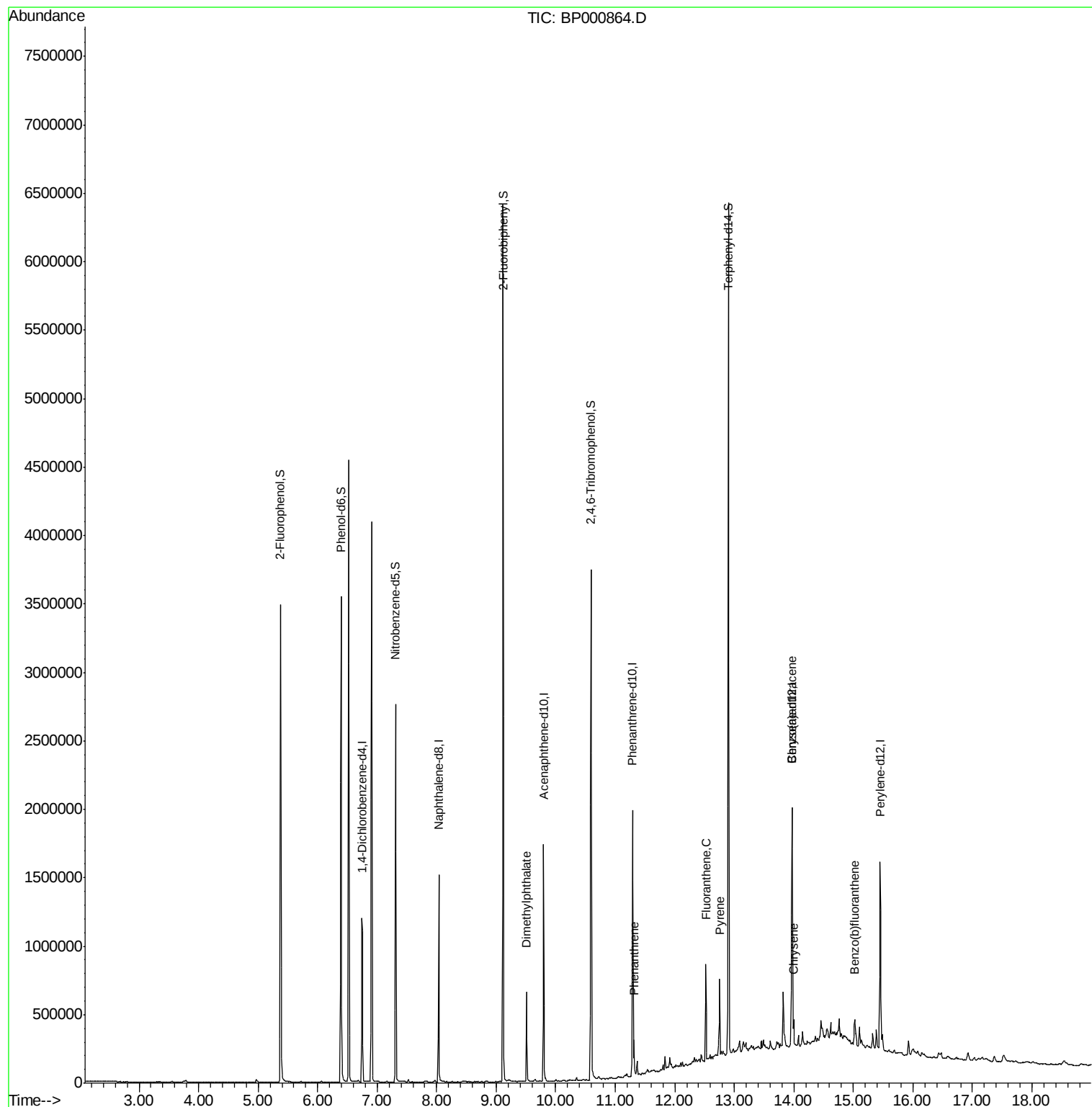
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000864.D
Acq On : 18 Oct 2019 03:29
Operator : JU
Sample : K5401-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

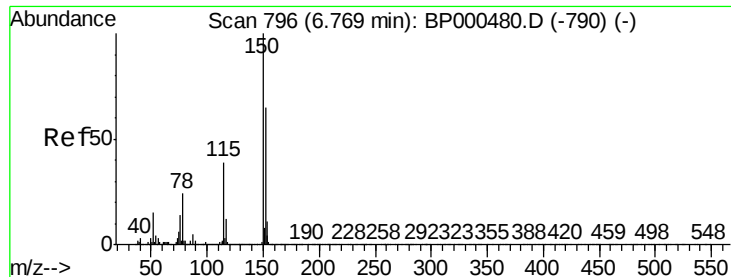
Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Manual Integrations
APPROVED

mohammad
10/20/2019 8:16:44 PM

Quant Time: Oct 18 08:32:48 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

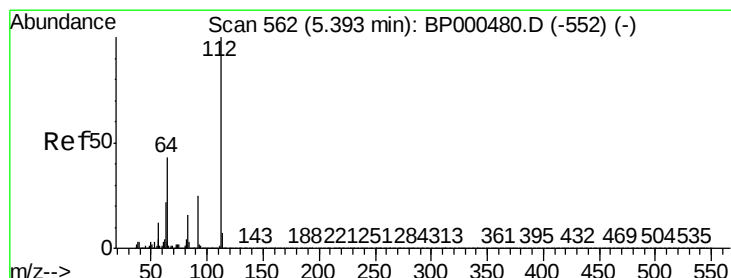
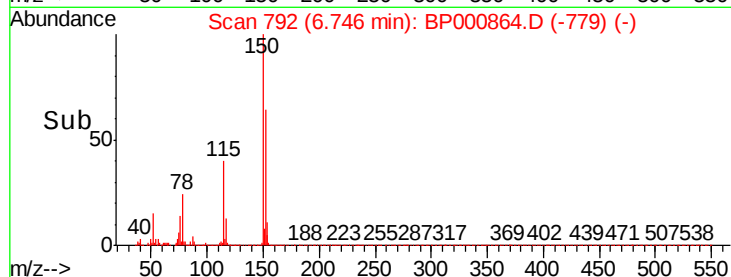
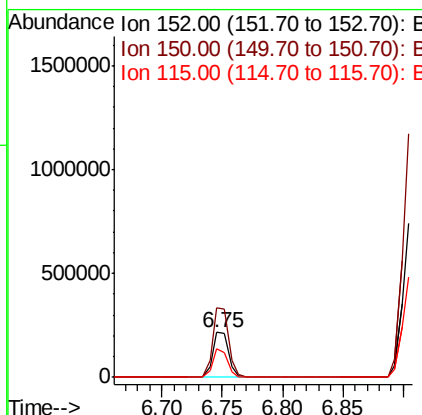
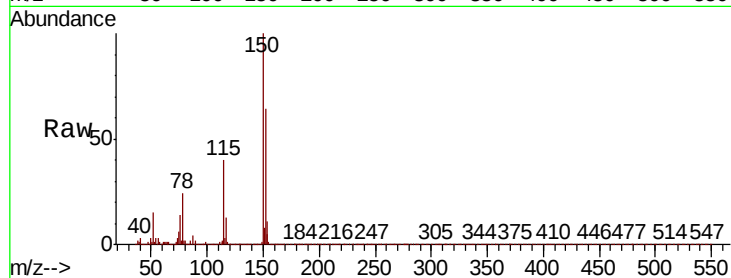
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.1	186.1
115	62.5	48.7	73.1

Manual Integrations
APPROVED

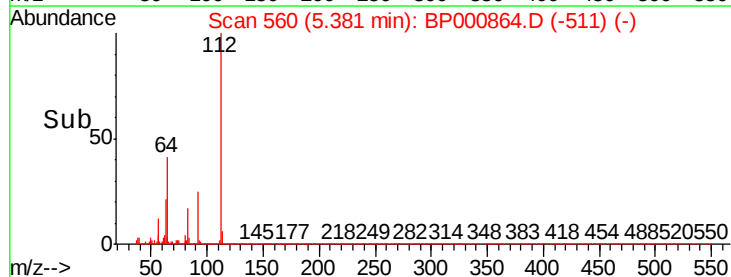
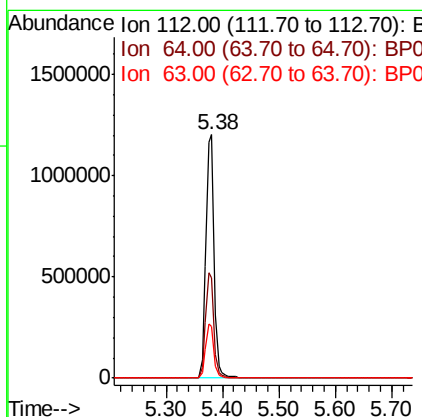
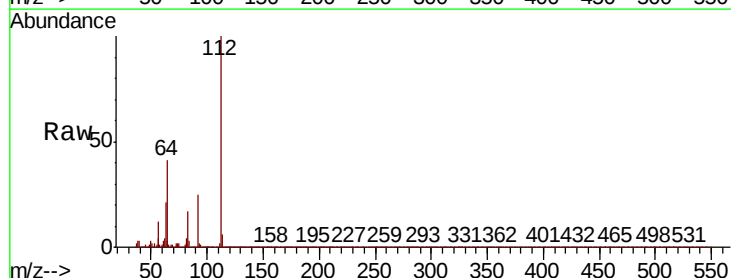
mohammad
10/20/2019 8:16:44 PM

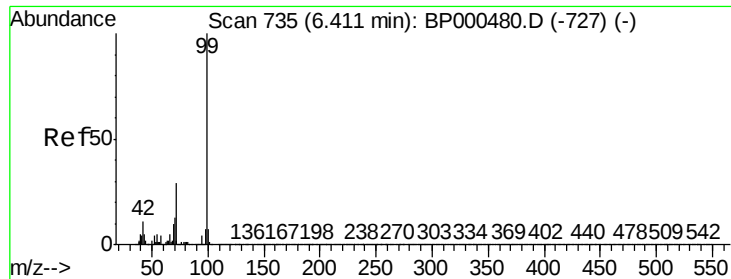


#5

2-Fluorophenol
Concen: 102.099 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	34.2	51.4
63	21.4	17.9	26.9





#7

Phenol-d6

Concen: 107.566 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000864.D

Acq: 18 Oct 2019 03:29

Instrument :

BNA_P

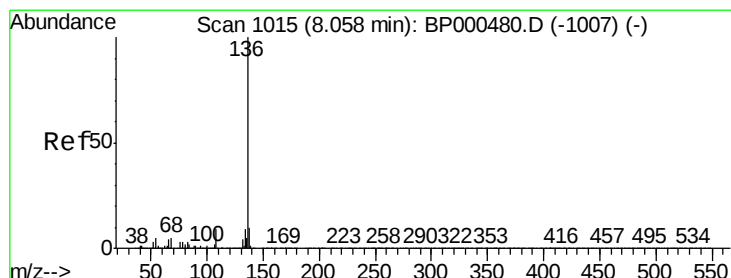
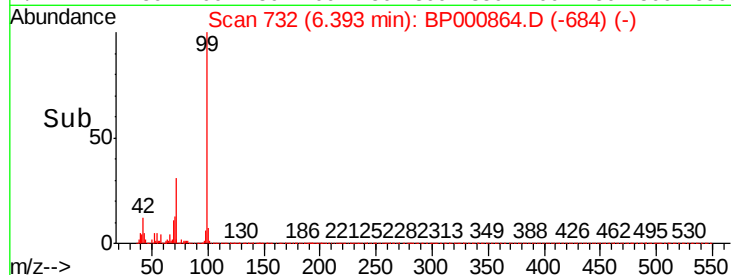
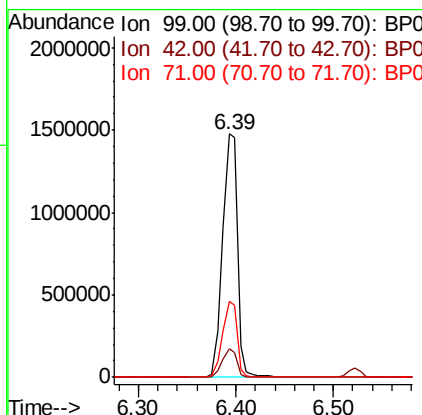
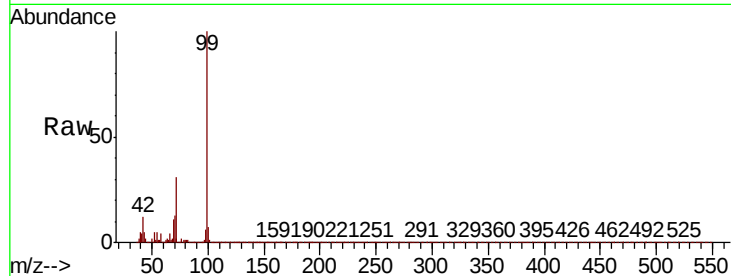
ClientSampleId :

RBR200036-RT1488

Tot Ion:	99	Resp:	1571307
Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.6	12.8
71	31.4	23.0	34.4

Manual Integrations
APPROVED

mohammad
10/20/2019 8:16:44 PM



#21

Naphthalene-d8

Concen: 20.000 ng

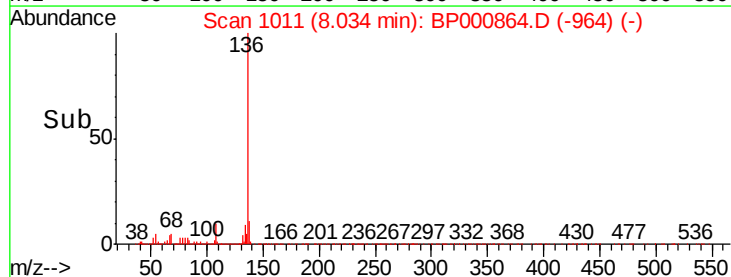
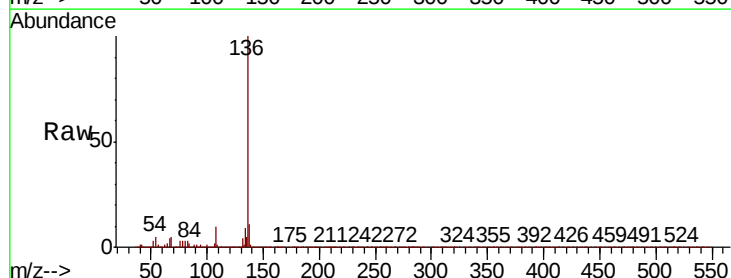
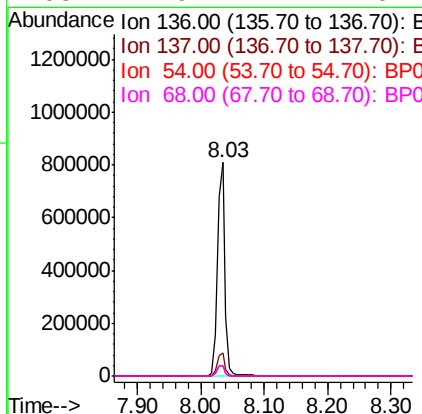
RT: 8.03 min Scan# 1011

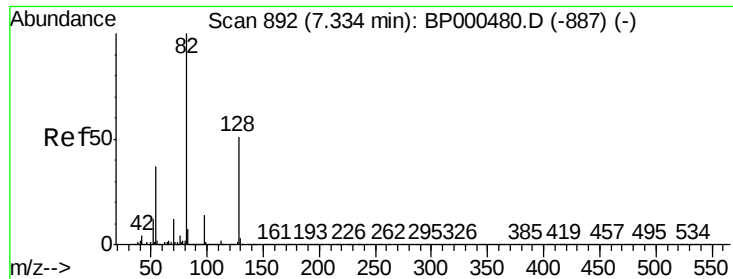
Delta R.T. -0.02 min

Lab File: BP000864.D

Acq: 18 Oct 2019 03:29

Tgt Ion:	136	Resp:	690496
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.0	4.1	6.1
68	4.9	4.1	6.1





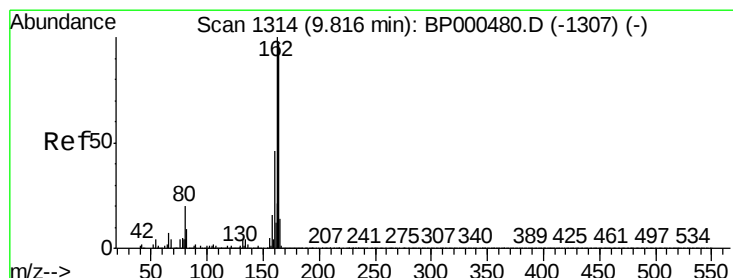
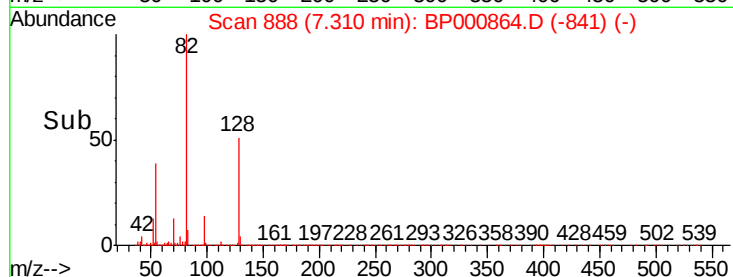
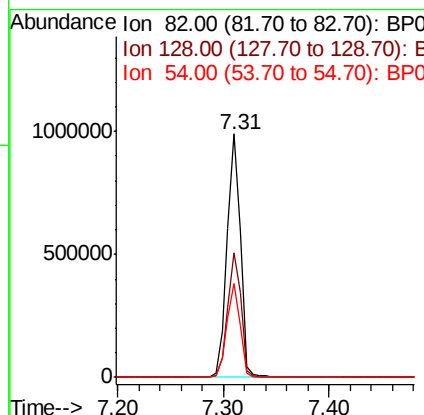
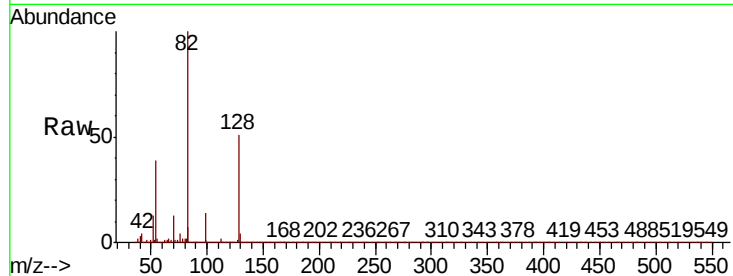
#23
Nitrobenzene-d5
Concen: 77.776 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.9	61.3
54	38.7	29.4	44.2

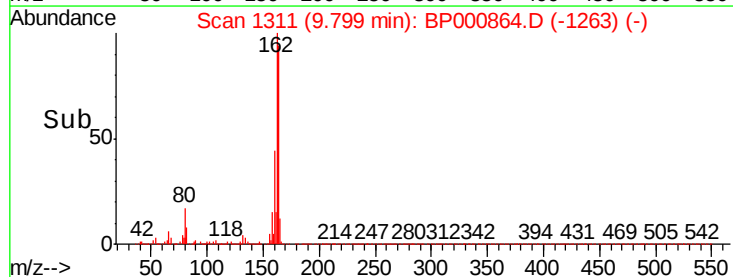
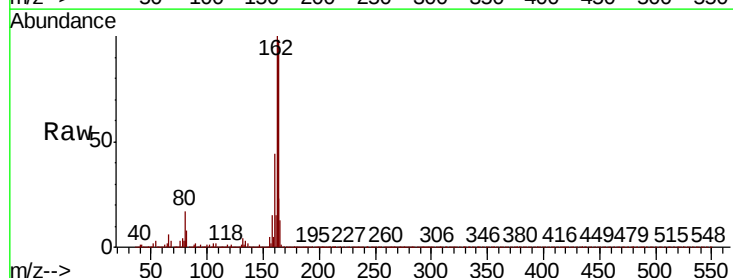
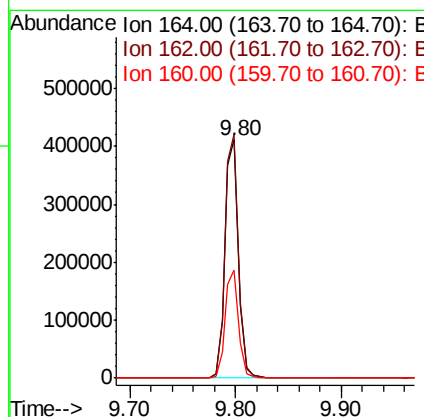
Manual Integrations
APPROVED

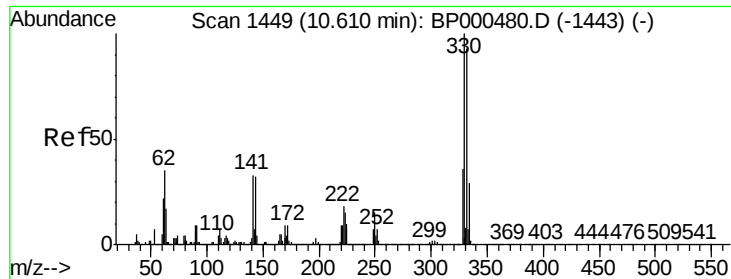
mohammad
10/20/2019 8:16:44 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	45.3	37.6	56.4





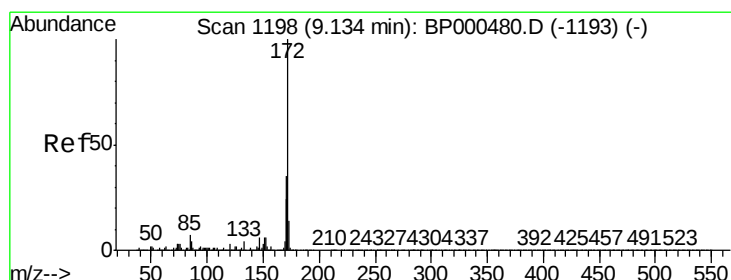
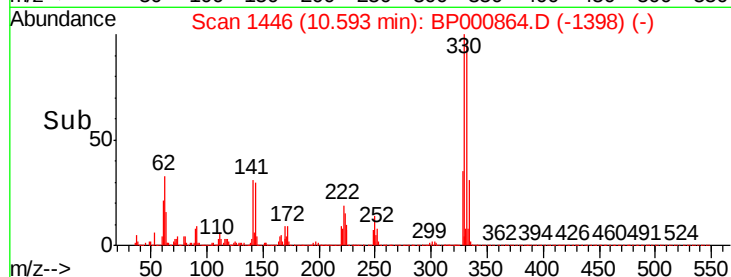
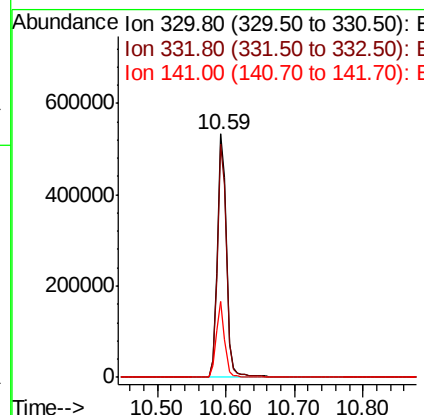
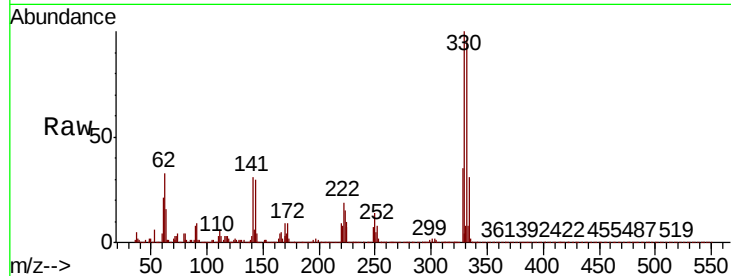
#42
 2,4,6-Tribromophenol
 Concen: 125.812 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000864.D
 Acq: 18 Oct 2019 03:29

Instrument :
 BNA_P
 ClientSampleId :
 RBR200036-RT1488

Tot Ion	Ratio	Resp	Lower	Upper
330	100	491663		
332	95.5	77.1	115.7	
141	29.5	26.0	39.0	

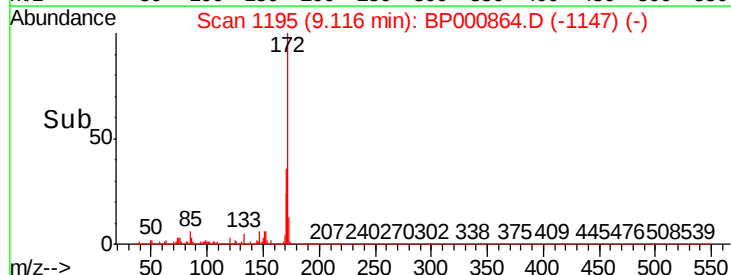
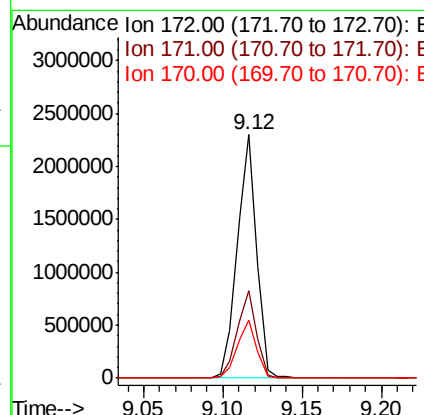
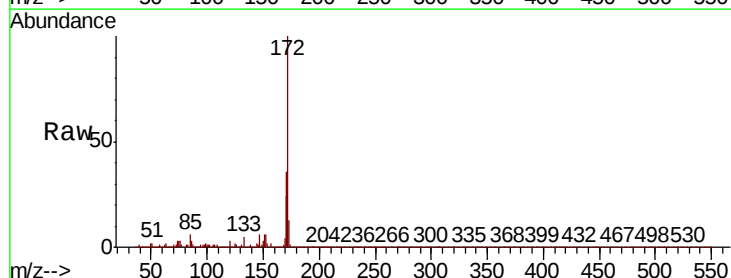
Manual Integrations
 APPROVED

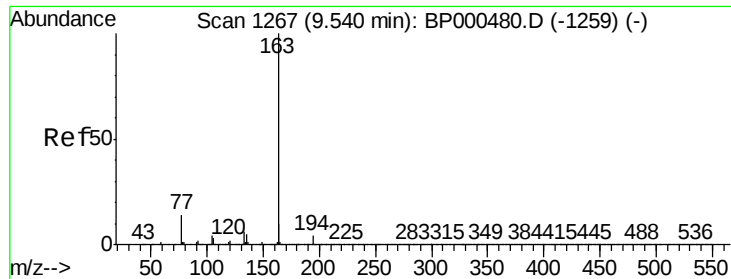
mohammad
 10/20/2019 8:16:44 PM



#45
 2-Fluorobiphenyl
 Concen: 85.731 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000864.D
 Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1943154		
171	36.1	28.4	42.6	
170	24.0	19.1	28.7	





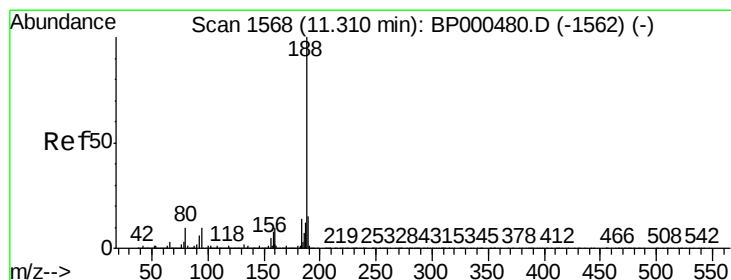
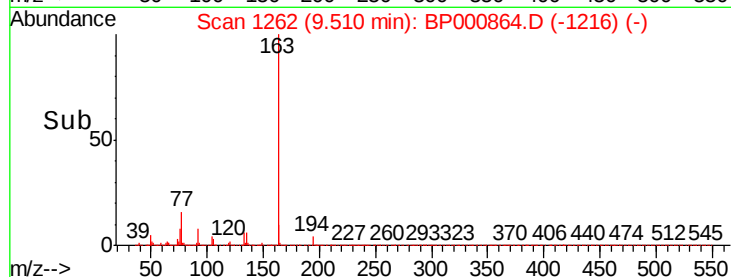
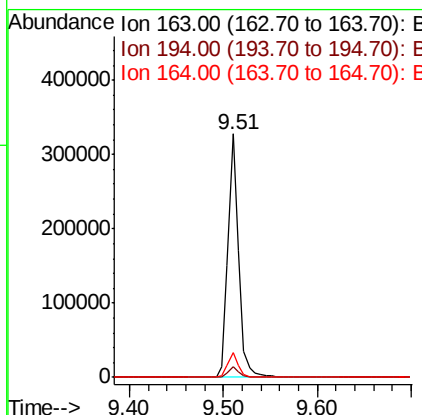
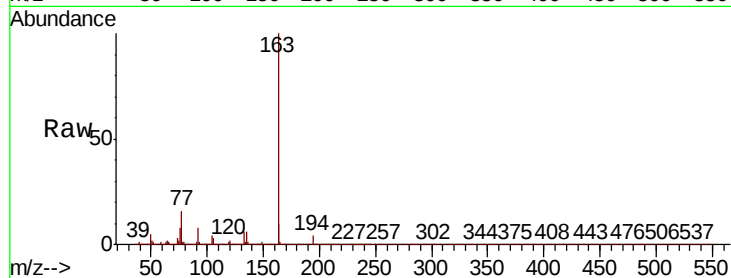
#50
Dimethylphthalate
Concen: 10.132 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Tot Ion	Ratio	Resp	Lower	Upper
163	100	258173		
194	4.2		3.4	5.2
164	10.1		8.0	12.0

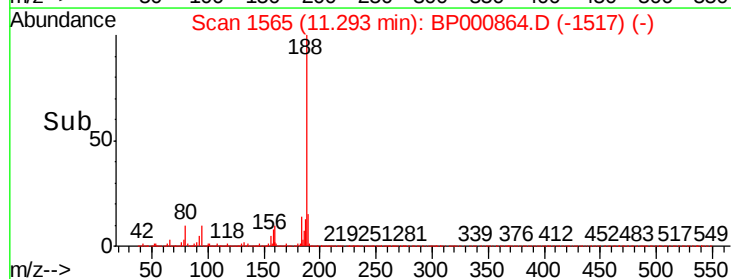
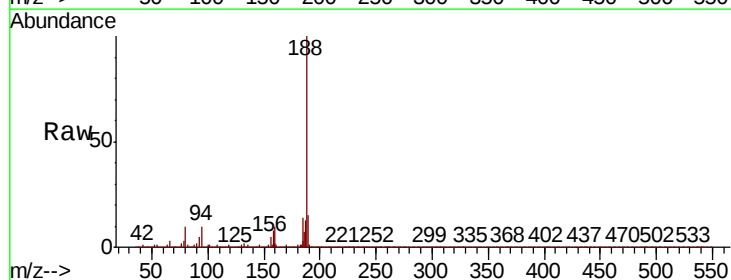
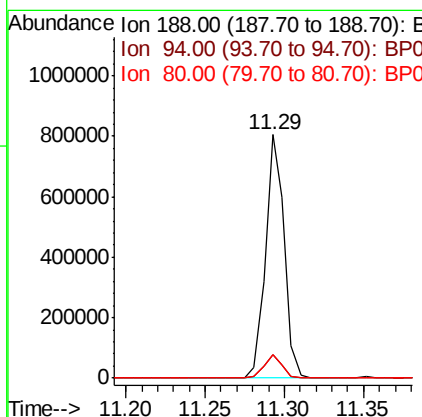
Manual Integrations
APPROVED

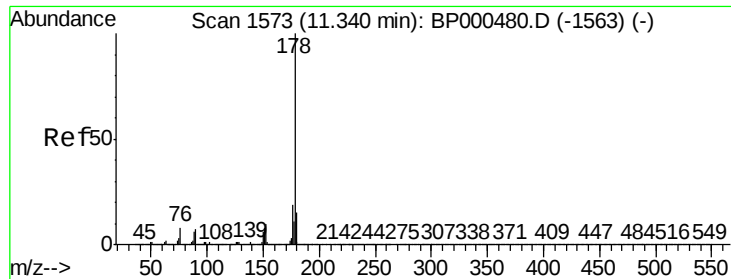
mohammad
10/20/2019 8:16:44 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	664172		
94	9.6		8.2	12.2
80	9.8		8.3	12.5





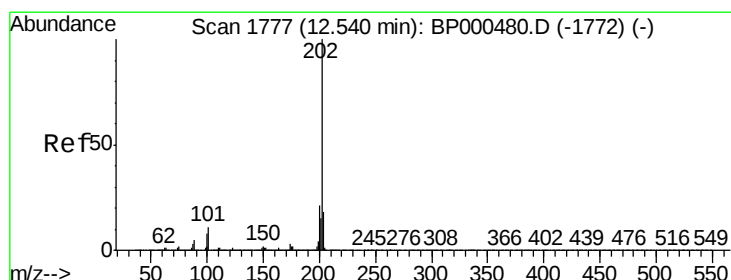
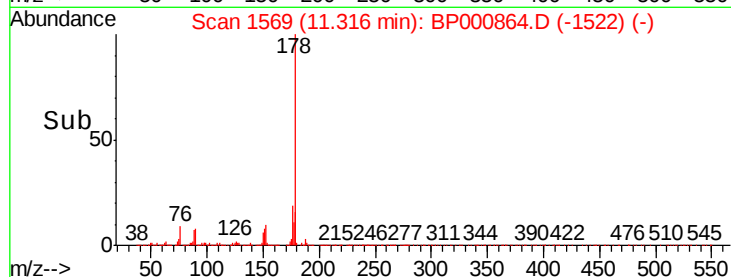
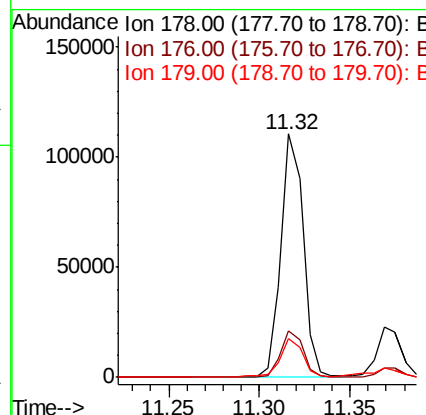
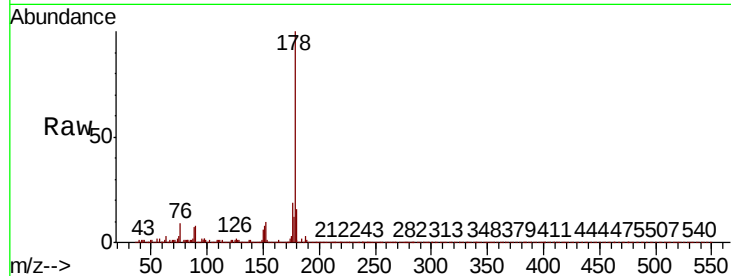
#71
Phenanthrene
Concen: 2.862 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.0	12.2	18.4

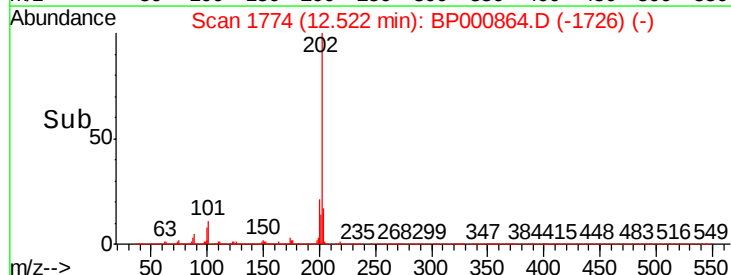
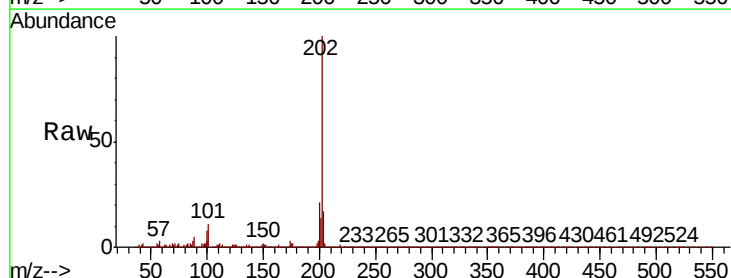
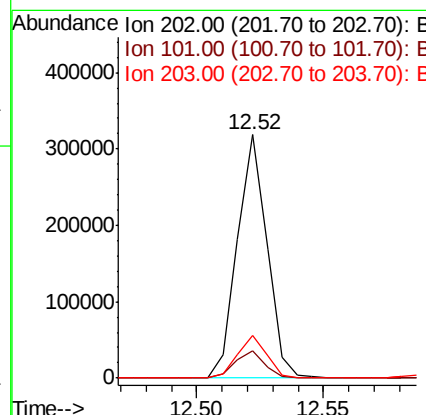
Manual Integrations
APPROVED

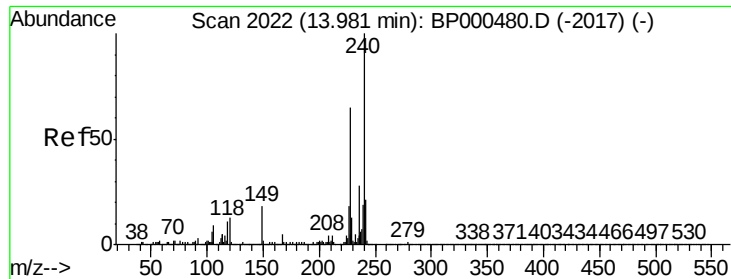
mohammad
10/20/2019 8:16:44 PM



#75
Fluoranthene
Concen: 6.899 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	17.3	0.0	38.1





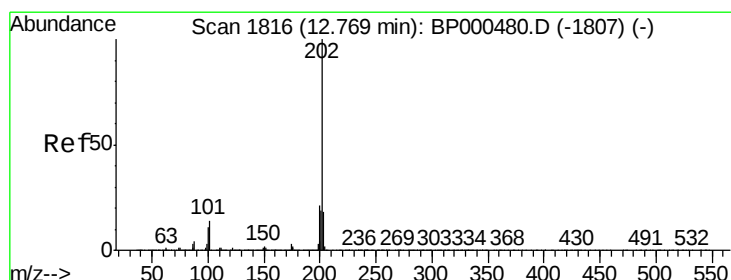
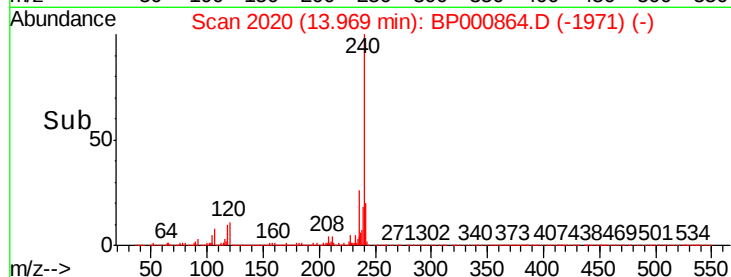
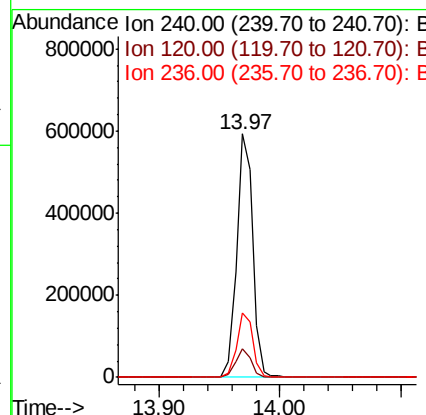
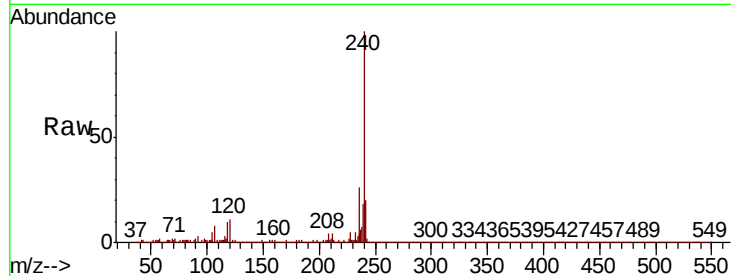
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.1	15.1
236	26.4	22.7	34.1

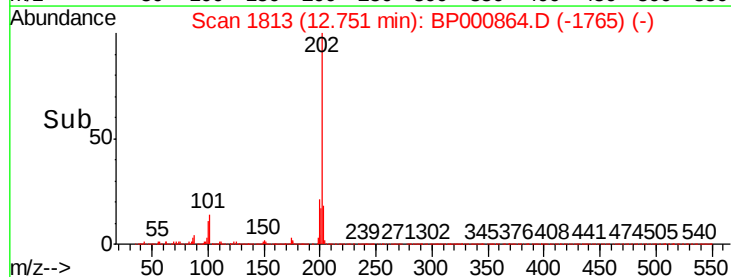
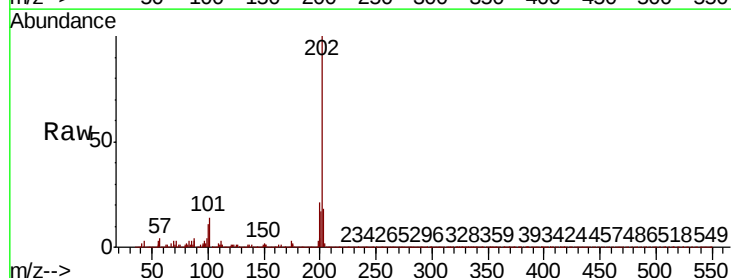
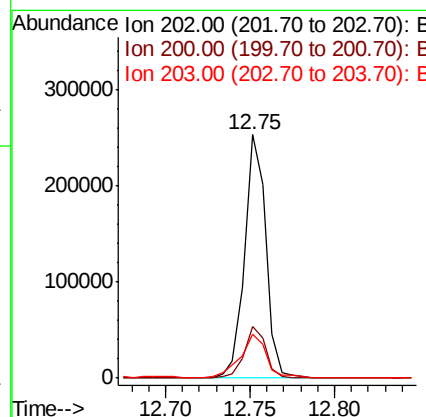
Manual Integrations
APPROVED

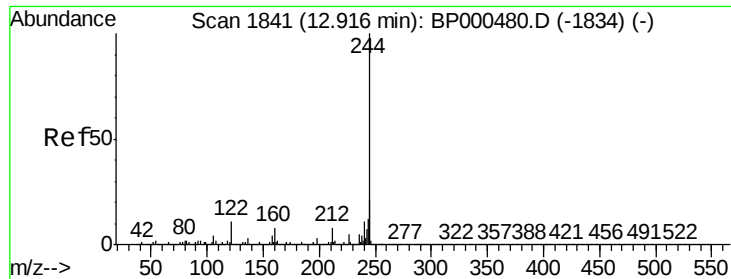
mohammad
10/20/2019 8:16:44 PM



#78
Pyrene
Concen: 5.846 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.1	14.6	21.8





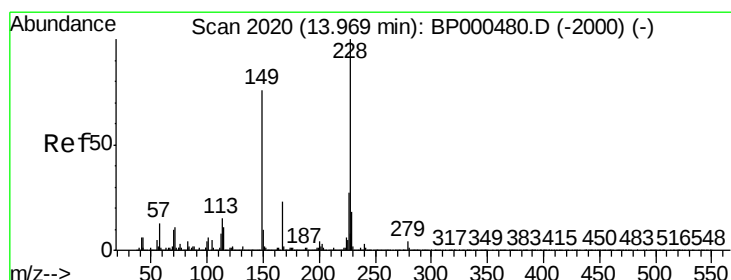
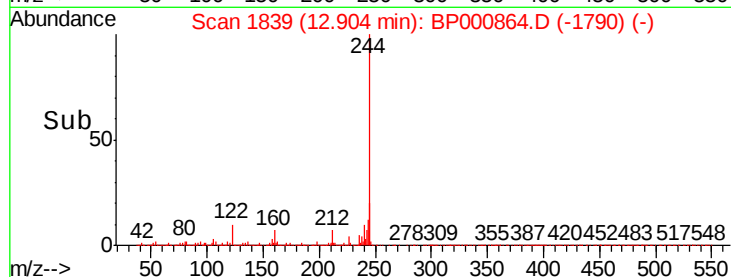
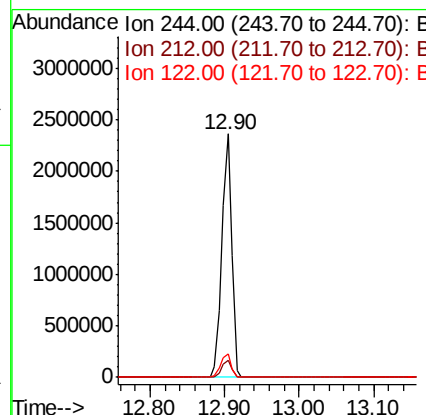
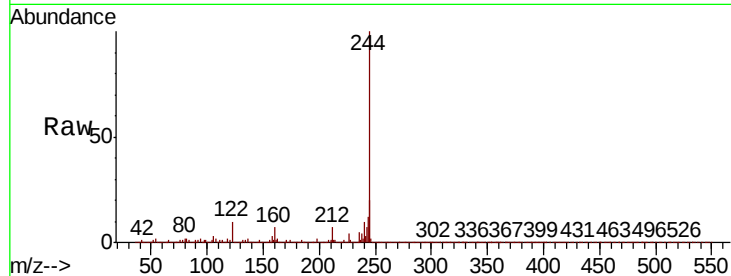
#79
 Terphenyl-d14
 Concen: 79.744 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000864.D
 Acq: 18 Oct 2019 03:29

Instrument :
 BNA_P
 ClientSampleId :
 RBR200036-RT1488

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

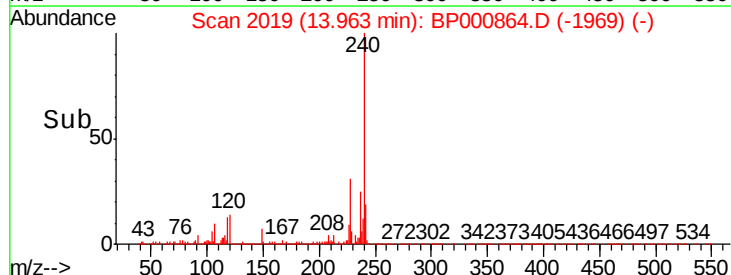
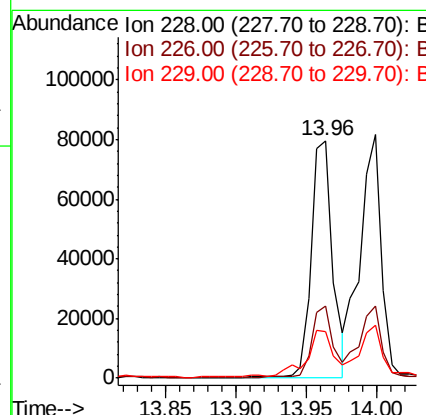
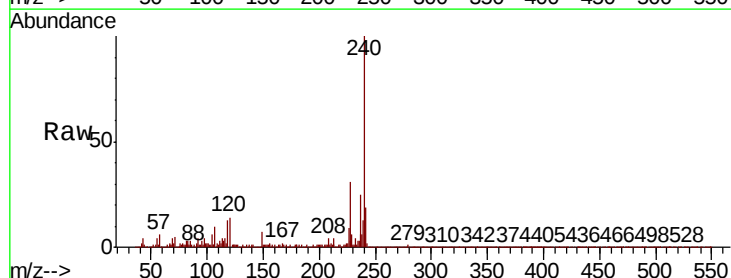
Manual Integrations
 APPROVED

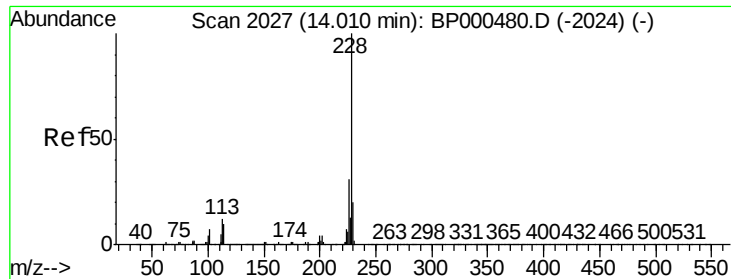
mohammad
 10/20/2019 8:16:44 PM



#81
 Benzo(a)anthracene
 Concen: 2.499 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BP000864.D
 Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.4	32.2
229	19.7	14.7	22.1





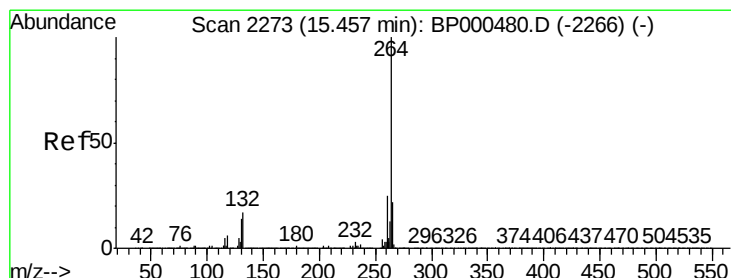
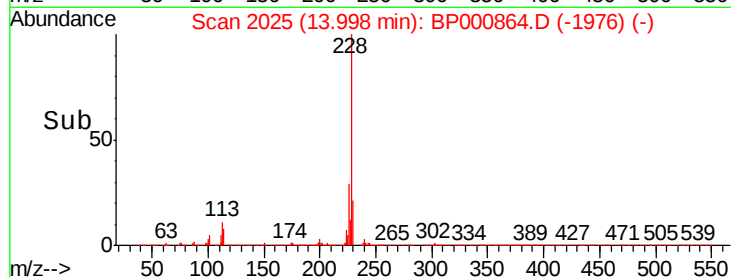
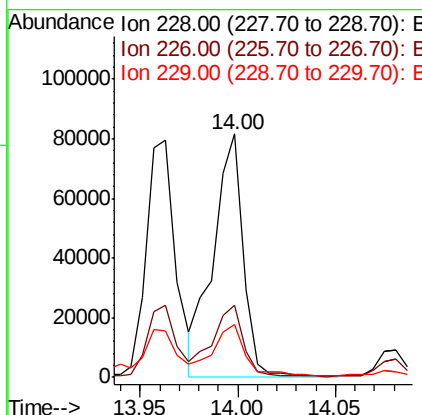
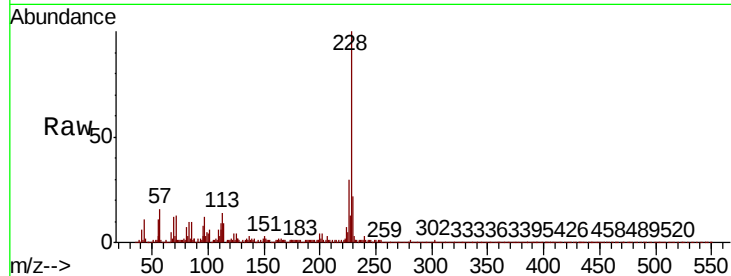
#83
Chrysene
Concen: 2.642 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Instrument :
BNA_P
ClientSampleId :
RBR200036-RT1488

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	21.8	16.3	24.5

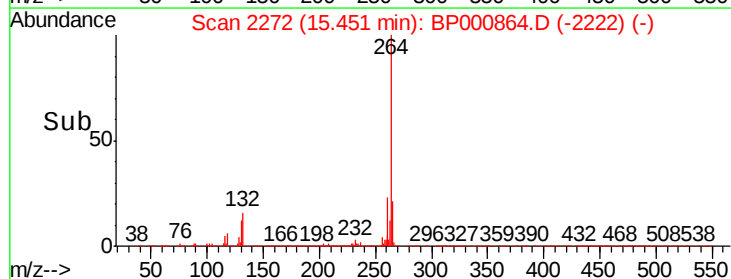
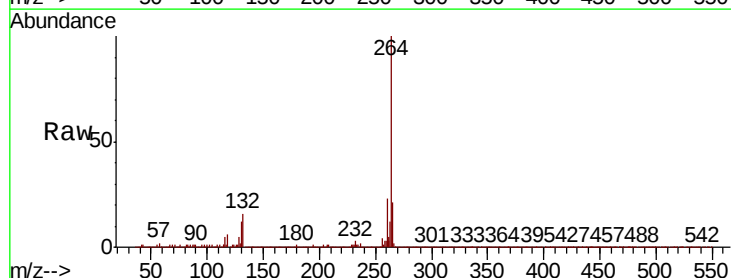
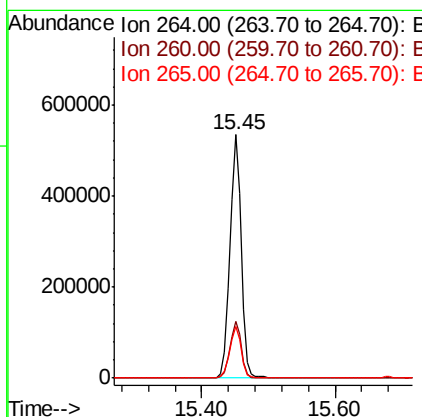
Manual Integrations
APPROVED

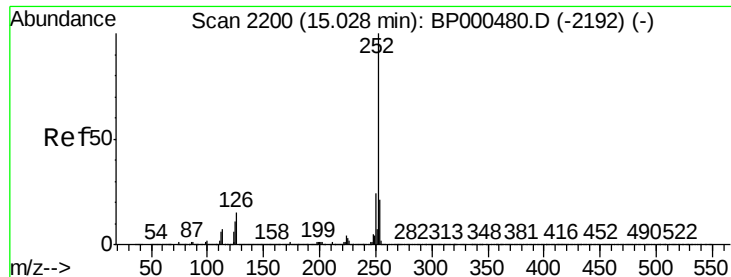
mohammad
10/20/2019 8:16:44 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000864.D
Acq: 18 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.3	30.5
265	21.3	18.0	27.0





#88

Benzo(b)fluoranthene

Concen: 2.924 ng/mL

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BP000864.D

Acq: 18 Oct 2019 03:29

Instrument :

BNA_P

ClientSampleId :

RBR200036-RT1488

Tot Ion:	252	Resp:	105990
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	14.7	8.9	13.3

Manual Integrations
APPROVED

mohammad
10/20/2019 8:16:44 PM

