

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002754.D
 Acq On : 15 Jul 2020 15:05
 Operator : CG/JU
 Sample : L3301-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CARLSTADT-SAMPLE-2020

Manual Integrations
 APPROVED

mohammad
 7/16/2020 11:07:12 AM

Quant Time: Jul 16 01:42:47 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	126402	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	507839	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	313035	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	709349	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	730766	20.00	ng	0.00
86) Perylene-d12	23.25	264	725351	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	411413	54.91	ng	0.00
7) Phenol-d6	6.75	99	564906	52.83	ng	0.00
23) Nitrobenzene-d5	8.70	82	339978	35.81	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	168655	51.61	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	734763	36.31	ng	0.00
79) Terphenyl-d14	19.55	244	1118841	35.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.66	163	411175	17.223	ng	Qvalue 98
71) Phenanthrene	17.00	178	152726	3.977	ng	98
75) Fluoranthene	18.99	202	293670	6.599	ng	98
78) Pyrene	19.34	202	267478	5.301	ng	99
81) Benzo(a)anthracene	21.05	228	153791	3.251	ng	98
83) Chrysene	21.10	228	147692	3.280	ng	97
88) Benzo(b)fluoranthene	22.60	252	208809m	4.636	ng	
90) Benzo(a)pyrene	23.16	252	136466	3.197	ng	# 97
92) Benzo(g,h,i)perylene	26.12	276	103476	2.414	ng	96

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

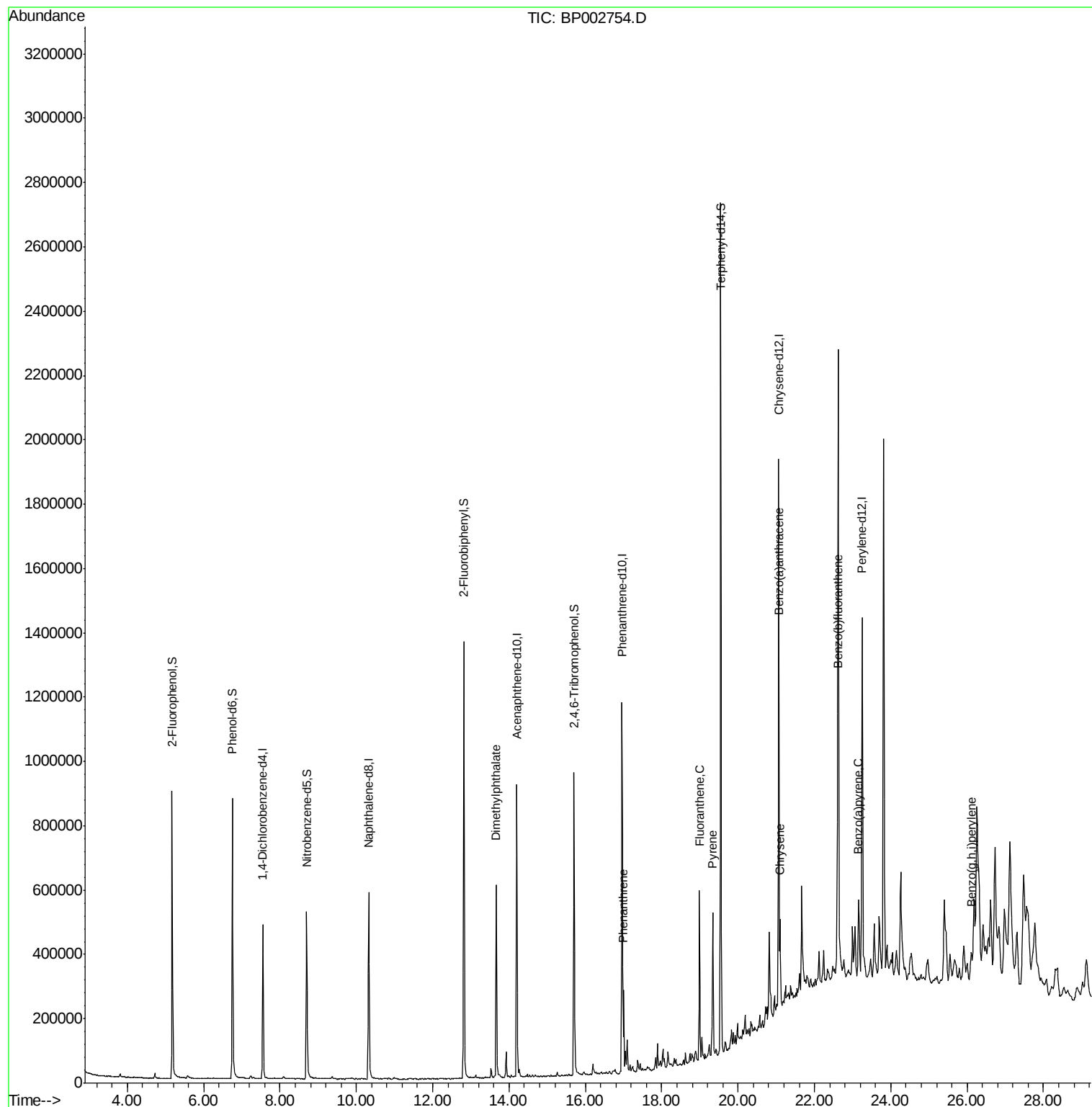
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

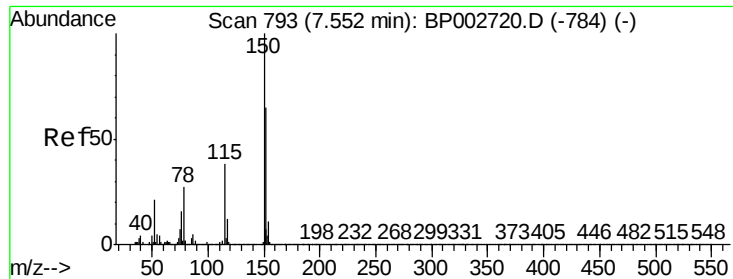
Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

Manual Integrations
APPROVED

mohammad
7/16/2020 11:07:12 AM

Quant Time: Jul 16 01:42:47 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

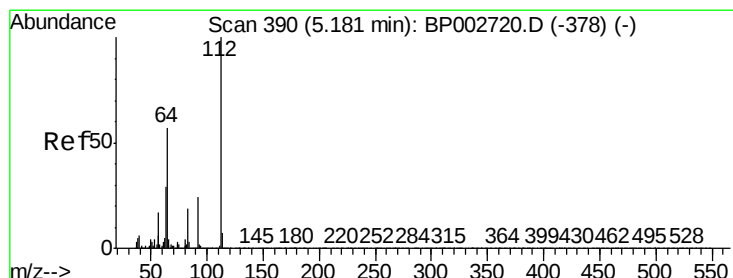
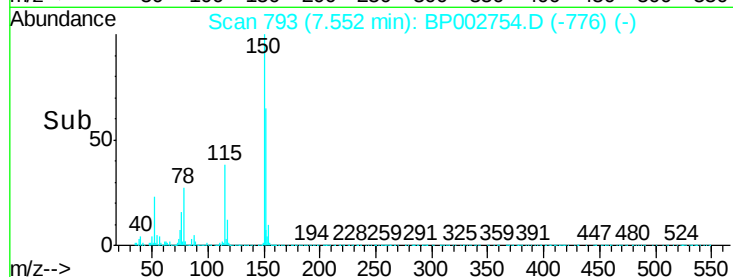
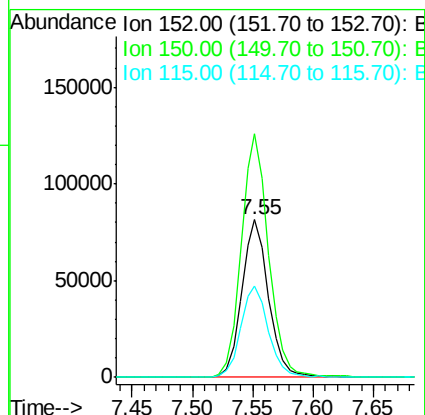
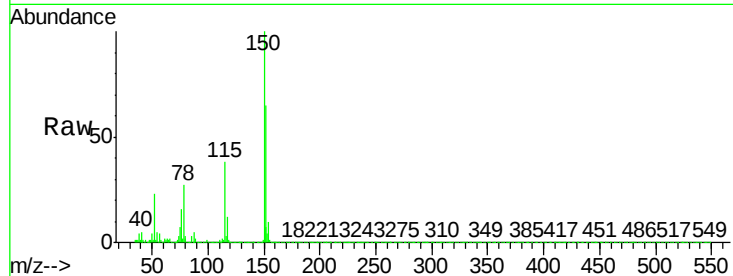
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.7	185.5
115	58.4	47.2	70.8

Manual Integrations
APPROVED

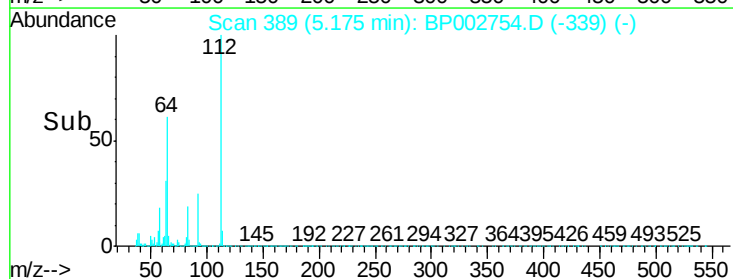
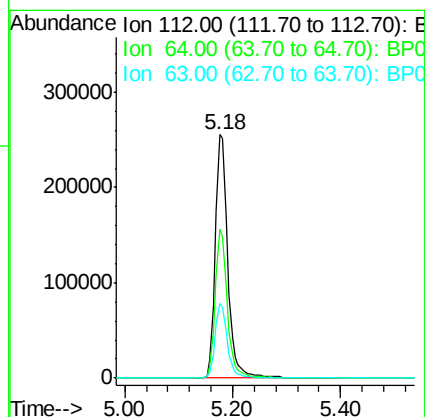
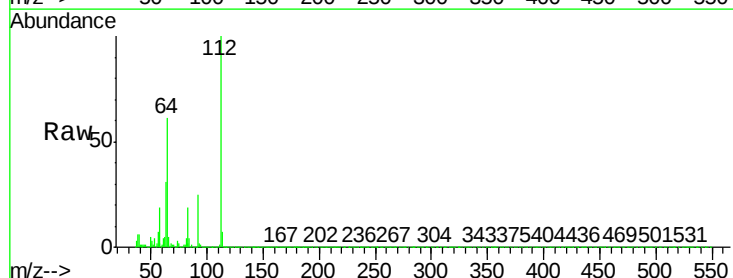
mohammad
7/16/2020 11:07:12 AM

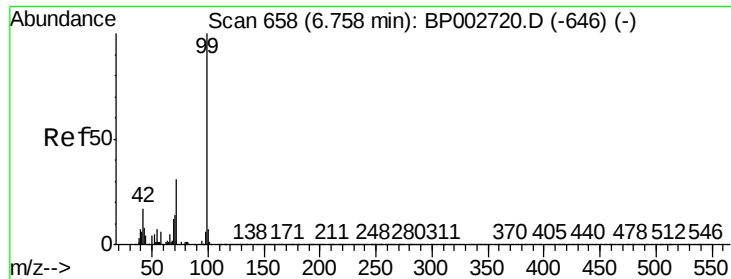


#5

2-Fluorophenol
Concen: 54.915 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	45.6	68.4
63	30.8	23.5	35.3





#7

Phenol-d6

Concen: 52.834 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002754.D

Acq: 15 Jul 2020 15:05

Instrument :

BNA_P

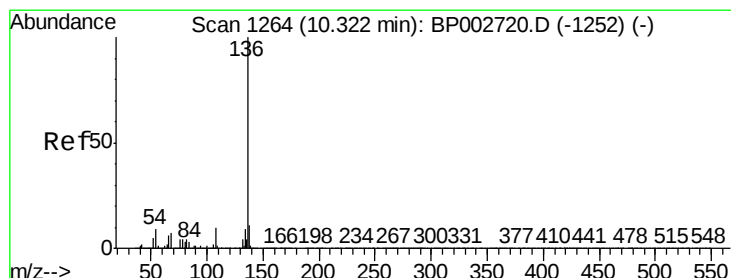
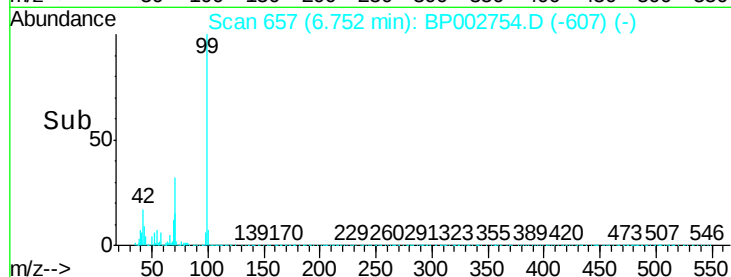
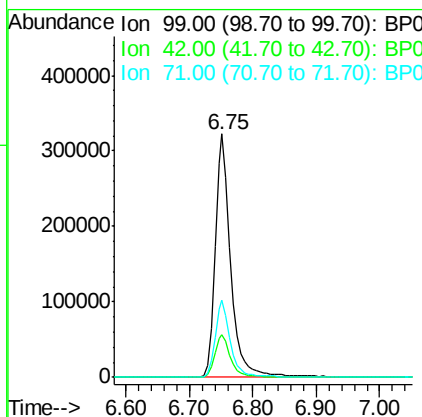
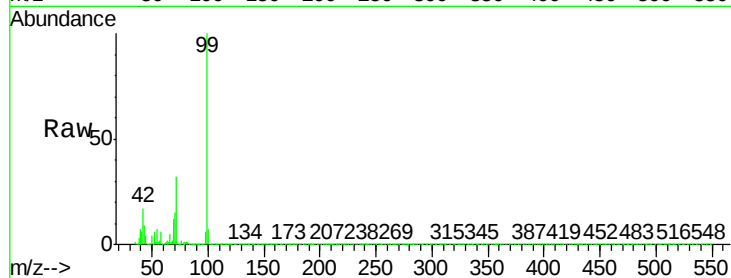
ClientSampleId :

CARLSTADT-SAMPLE-2020

Tot Ion:	99	Resp:	564906
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.4	20.2
71	31.5	24.6	36.8

Manual Integrations
APPROVED

mohammad
7/16/2020 11:07:12 AM



#21

Naphthalene-d8

Concen: 20.000 ng

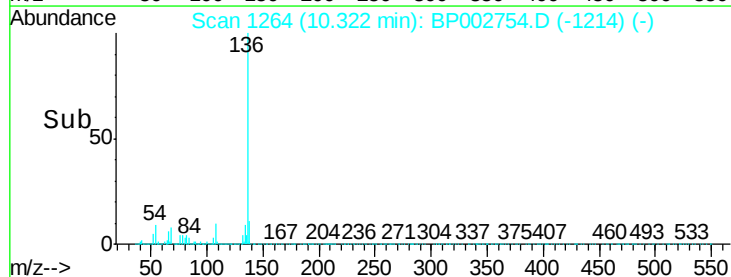
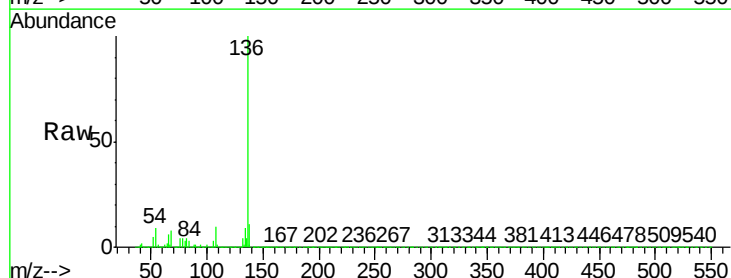
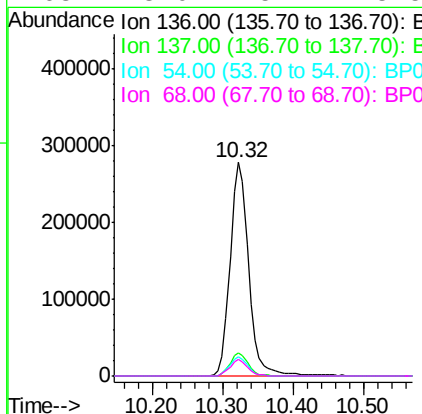
RT: 10.32 min Scan# 1264

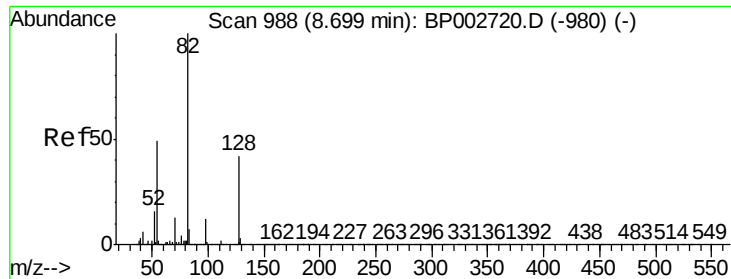
Delta R.T. -0.01 min

Lab File: BP002754.D

Acq: 15 Jul 2020 15:05

Tgt Ion:	136	Resp:	507839
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.9	6.9	10.3
68	8.0	5.7	8.5





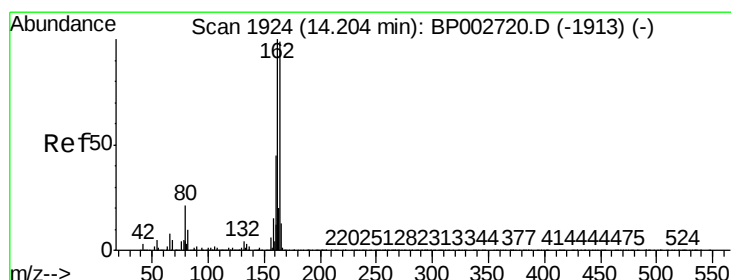
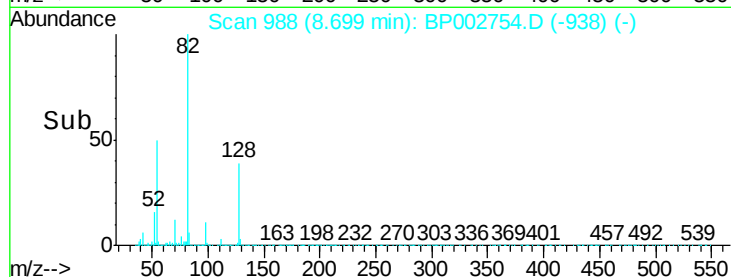
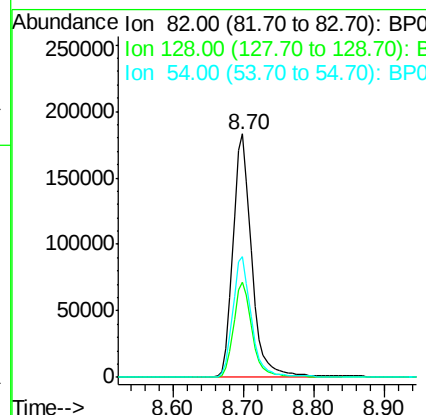
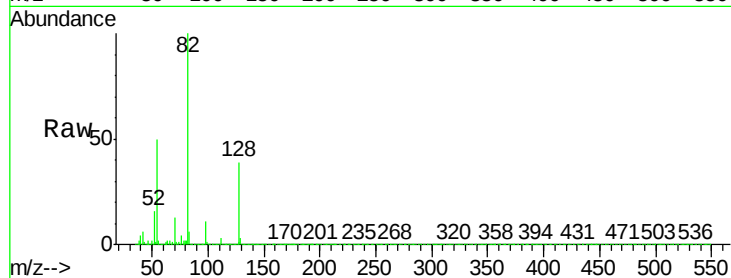
#23
Nitrobenzene-d5
Concen: 35.805 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.8	50.8
54	49.5	38.8	58.2

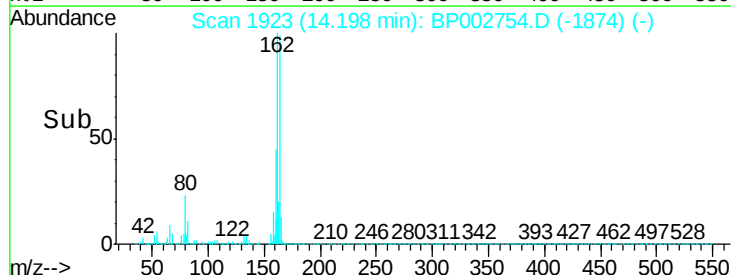
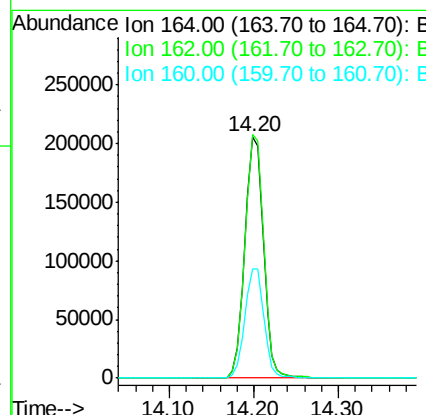
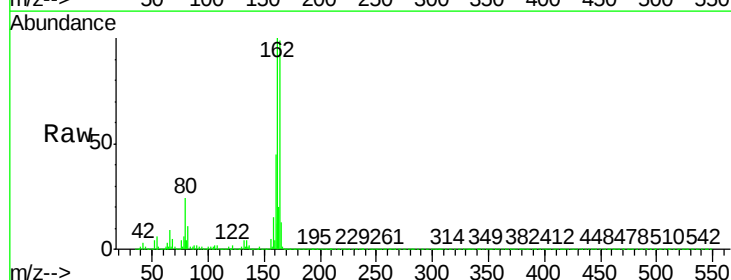
Manual Integrations
APPROVED

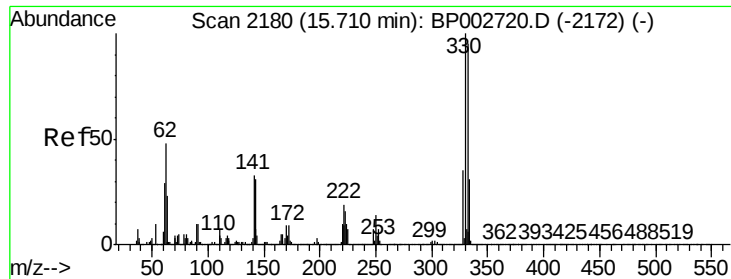
mohammad
7/16/2020 11:07:12 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.2	36.4	54.6





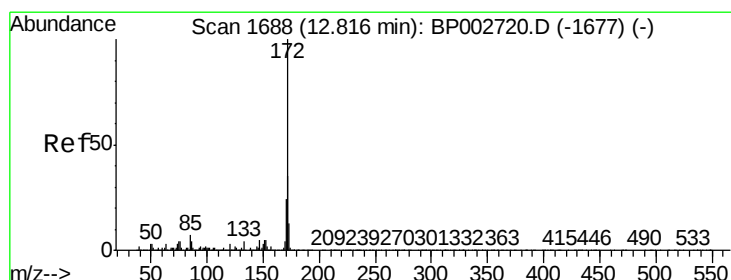
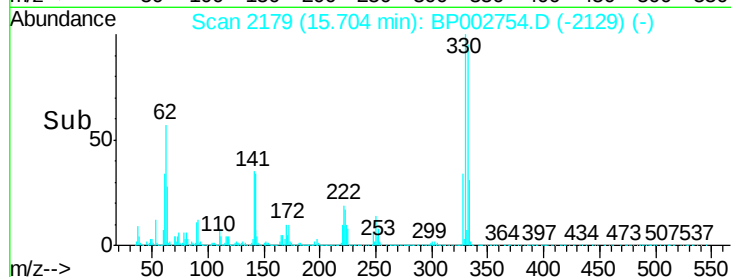
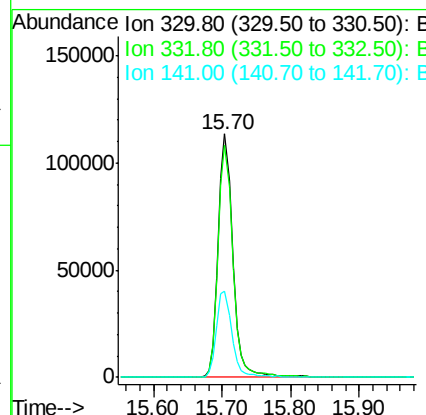
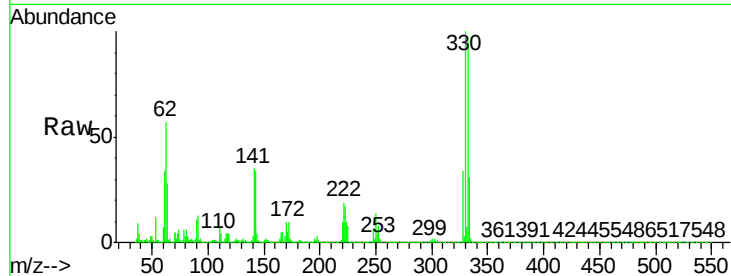
#42
 2,4,6-Tribromophenol
 Concen: 51.615 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002754.D
 Acq: 15 Jul 2020 15:05

Instrument :
 BNA_P
 ClientSampleId :
 CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168655		
332	96.1	76.5	114.7	
141	37.6	28.8	43.2	

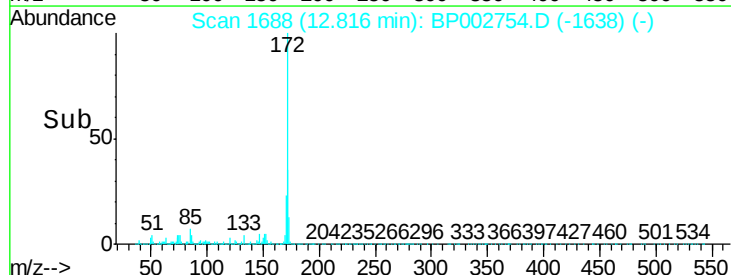
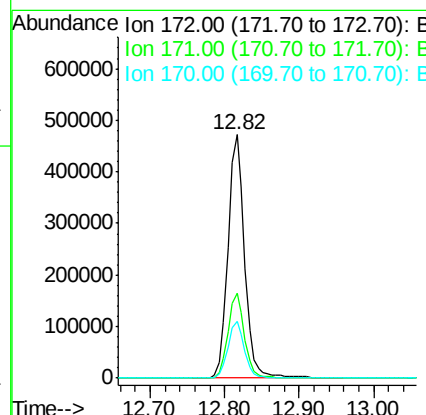
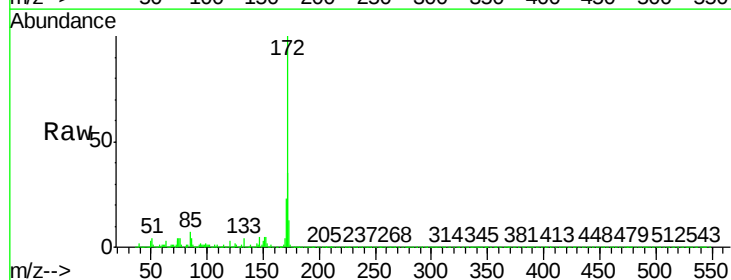
Manual Integrations
 APPROVED

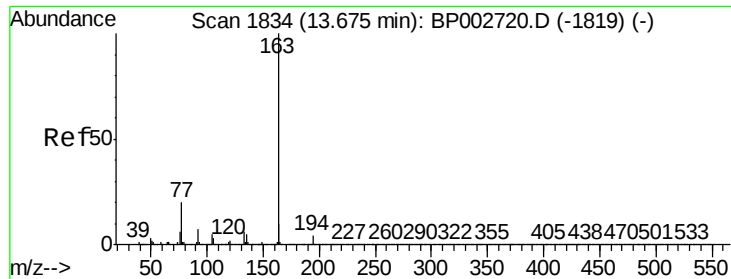
mohammad
 7/16/2020 11:07:12 AM



#45
 2-Fluorobiphenyl
 Concen: 36.311 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002754.D
 Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	734763		
171	34.9	28.1	42.1	
170	23.3	19.3	28.9	





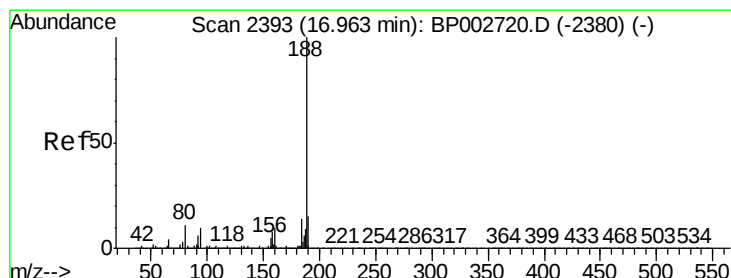
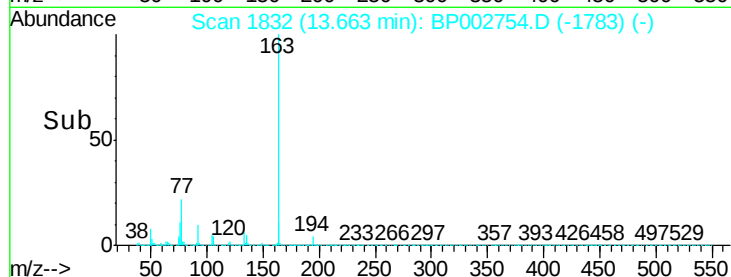
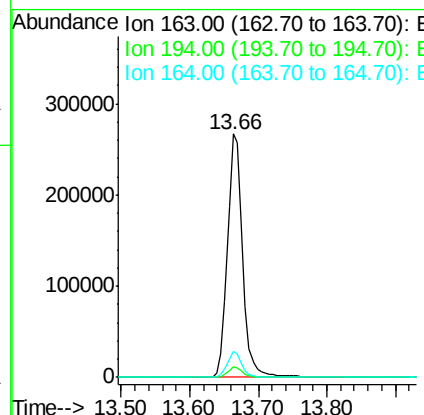
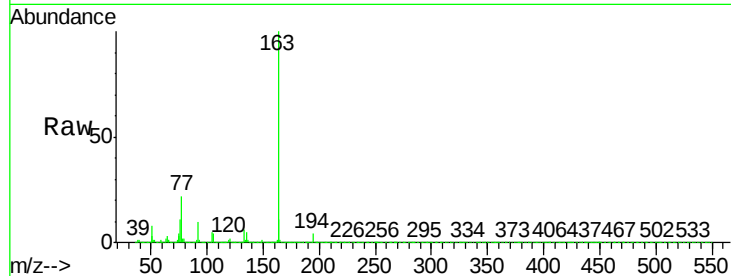
#50
Dimethylphthalate
Concen: 17.223 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Resp	Lower	Upper
163	100	411175		
194	4.3		3.4	5.2
164	10.8		7.8	11.8

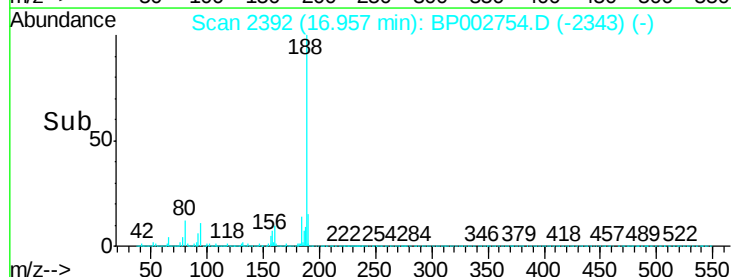
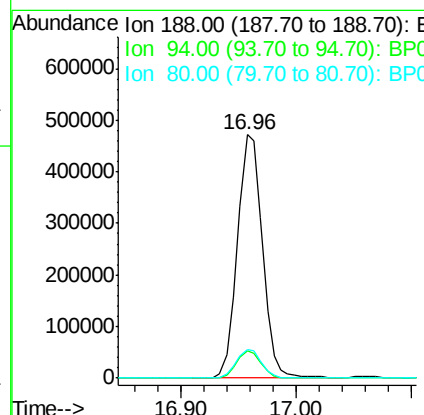
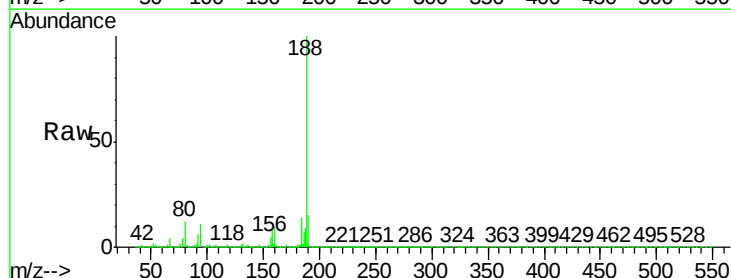
Manual Integrations
APPROVED

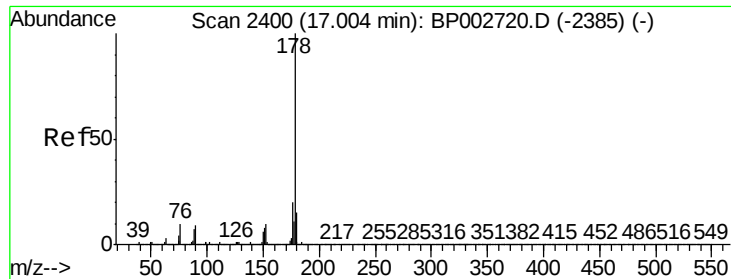
mohammad
7/16/2020 11:07:12 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	709349		
94	11.1		8.1	12.1
80	12.0		8.9	13.3





#71

Phenanthrene

Concen: 3.977 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002754.D

Acq: 15 Jul 2020 15:05

Instrument :

BNA_P

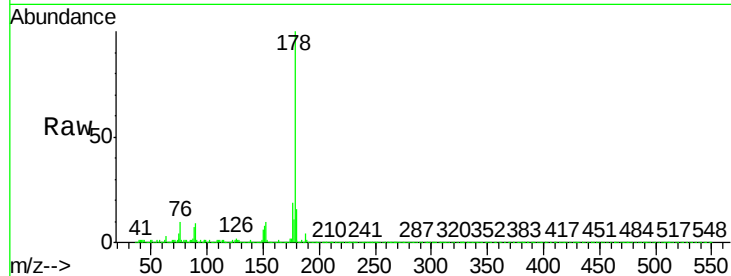
ClientSampleId :

CARLSTADT-SAMPLE-2020

Tot Ion:	178	Resp:	152726
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.9	23.9
179	15.7	12.3	18.5

Manual Integrations
APPROVED

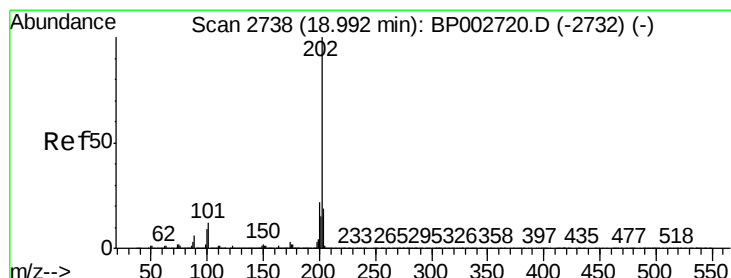
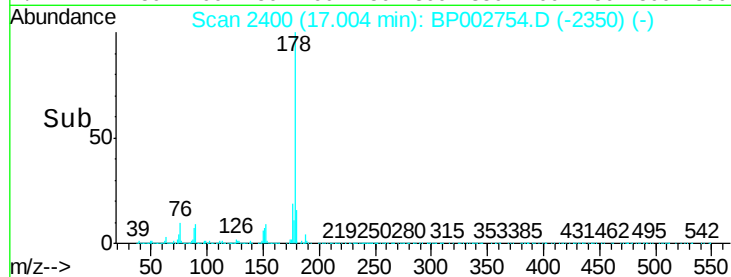
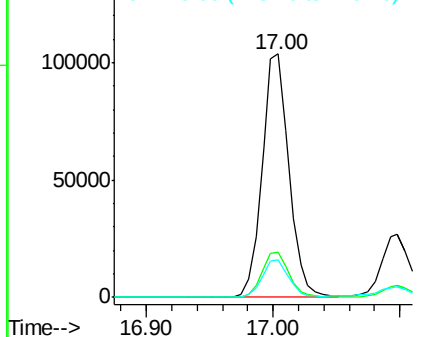
mohammad
7/16/2020 11:07:12 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.599 ng

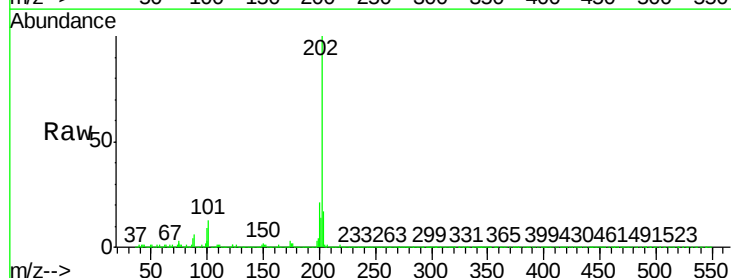
RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BP002754.D

Acq: 15 Jul 2020 15:05

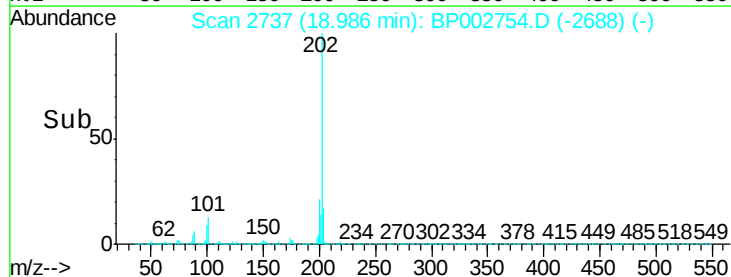
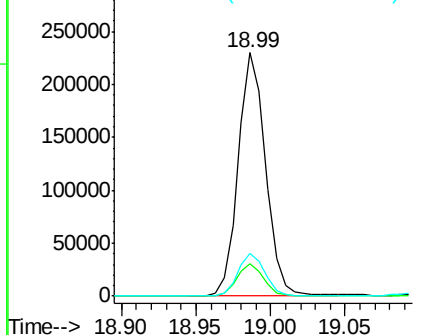
Tgt Ion:	202	Resp:	293670
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.5
203	17.5	0.0	38.6

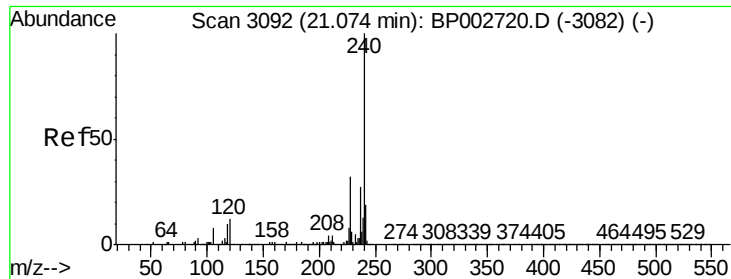


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





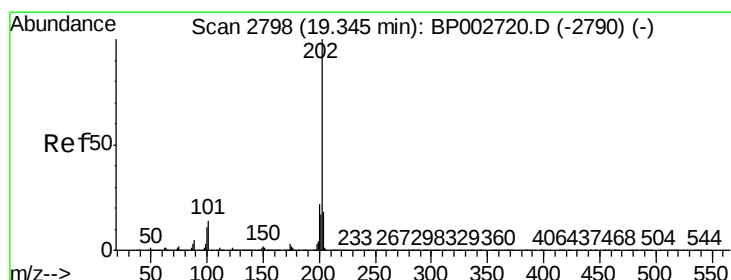
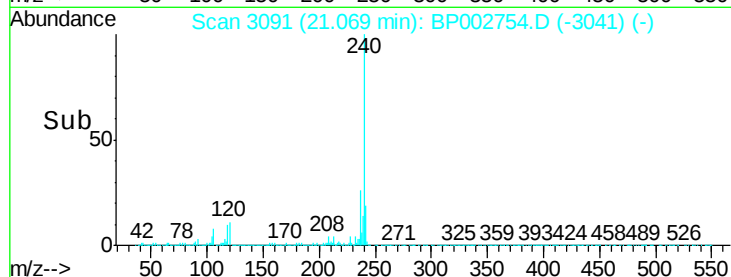
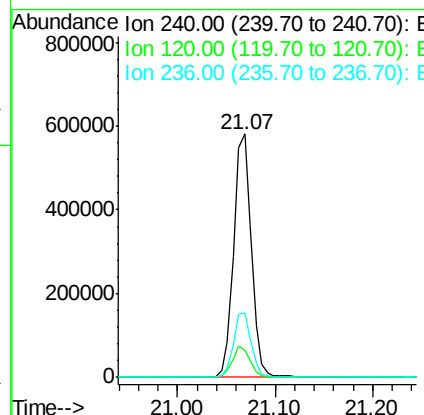
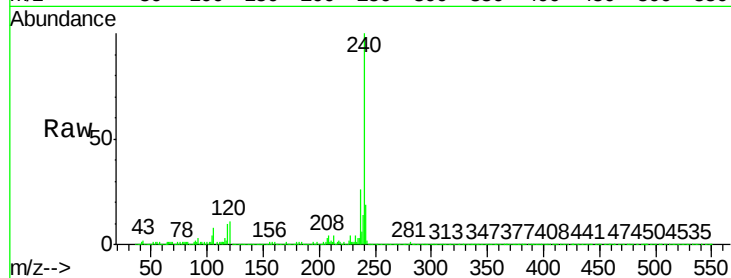
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.1	9.4	14.2	
236	26.3	21.3	31.9	

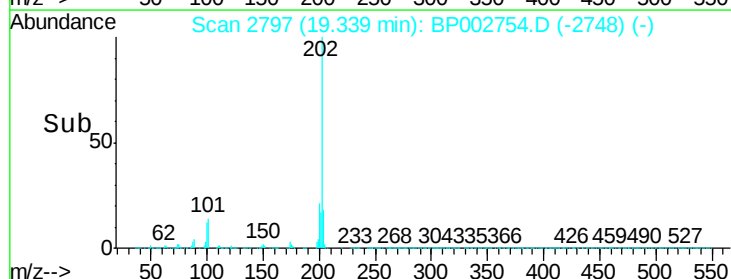
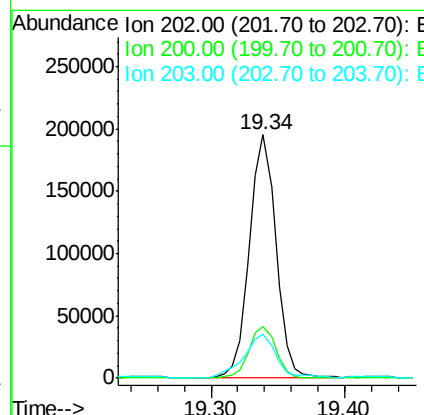
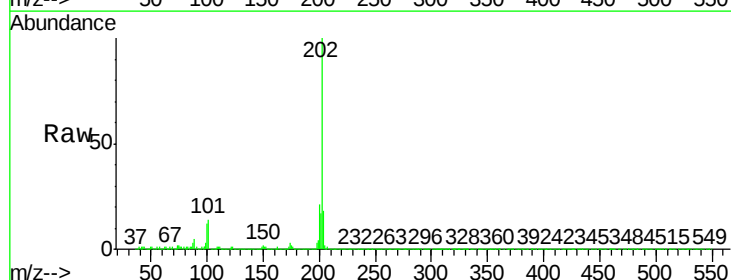
Manual Integrations
APPROVED

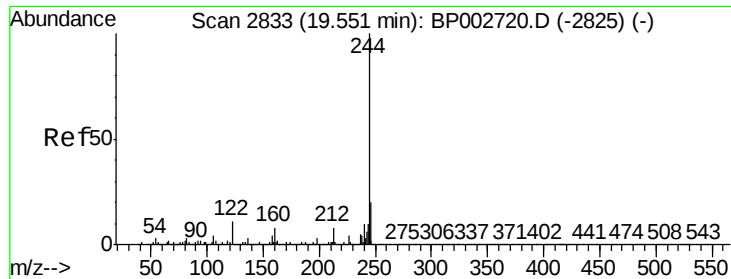
mohammad
7/16/2020 11:07:12 AM



#78
Pyrene
Concen: 5.301 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	17.7	26.5	
203	18.2	14.5	21.7	





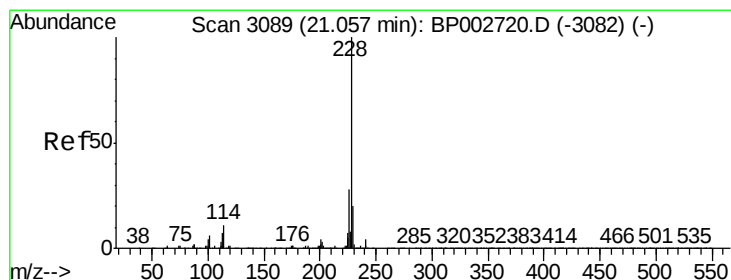
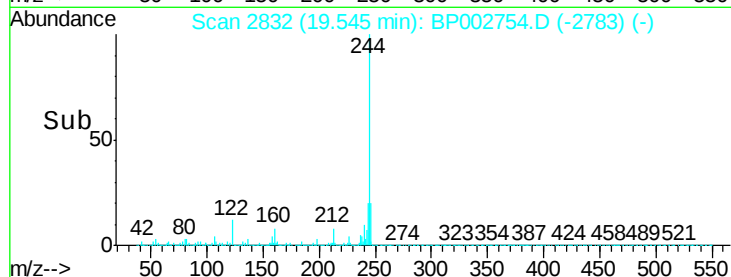
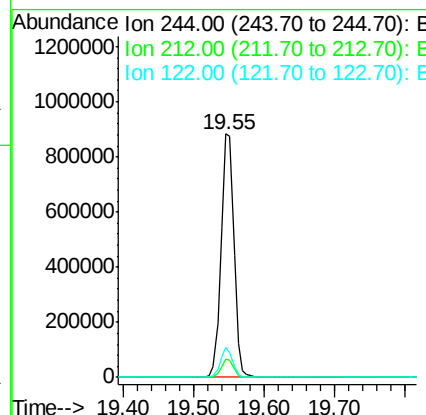
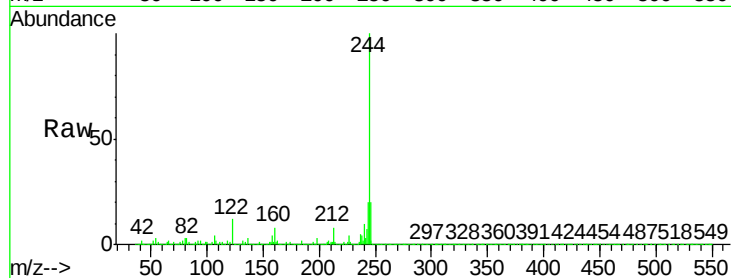
#79
 Terphenyl-d14
 Concen: 35.103 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002754.D
 Acq: 15 Jul 2020 15:05

Instrument :
 BNA_P
 ClientSampleId :
 CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.5	8.9	13.3

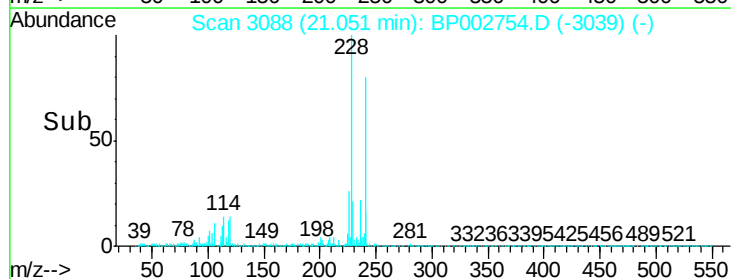
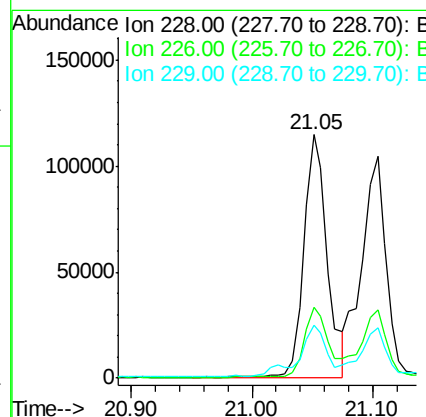
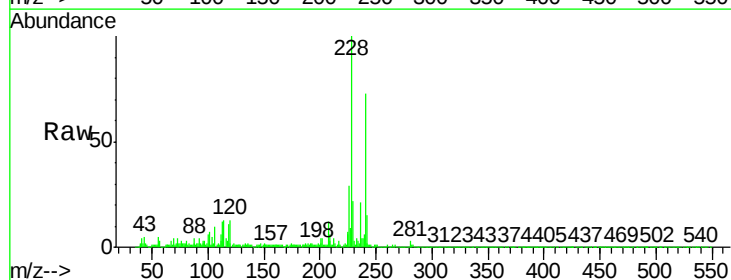
Manual Integrations
 APPROVED

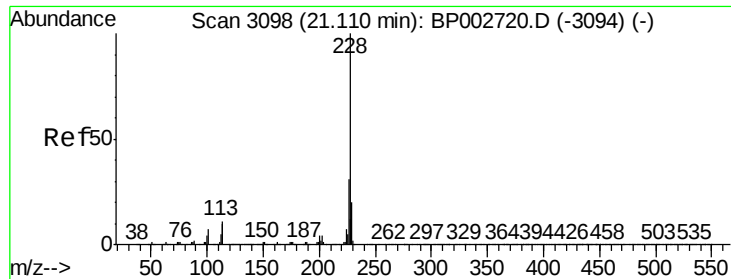
mohammad
 7/16/2020 11:07:12 AM



#81
 Benzo(a)anthracene
 Concen: 3.251 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BP002754.D
 Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	21.7	16.0	24.0





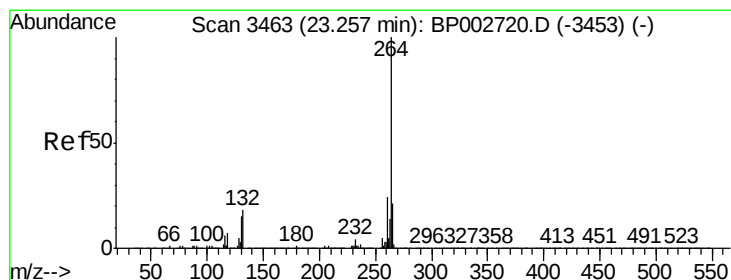
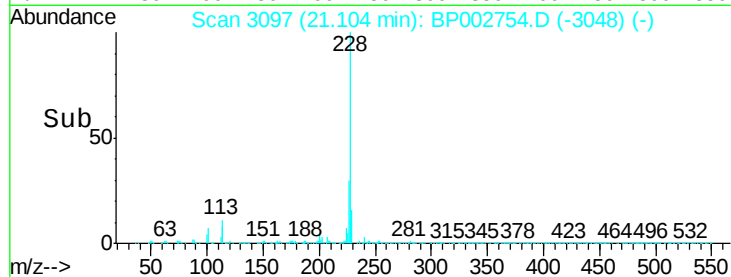
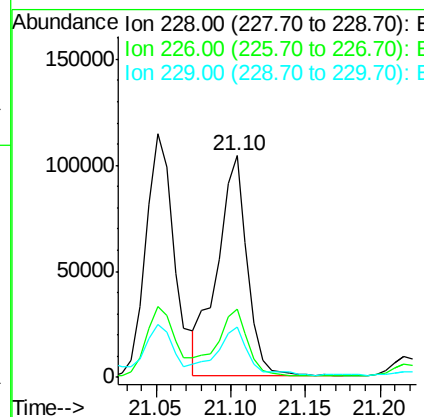
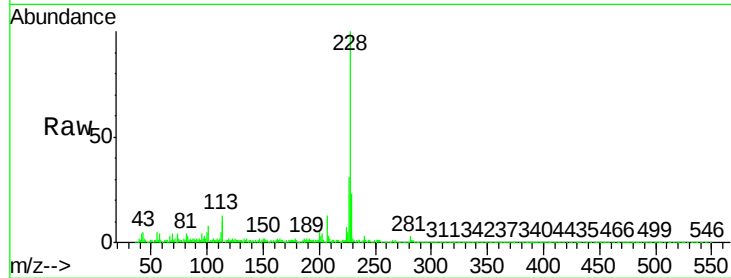
#83
Chrysene
Concen: 3.280 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	22.6	15.7	23.5

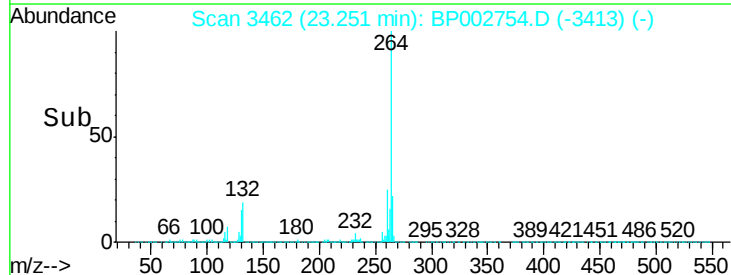
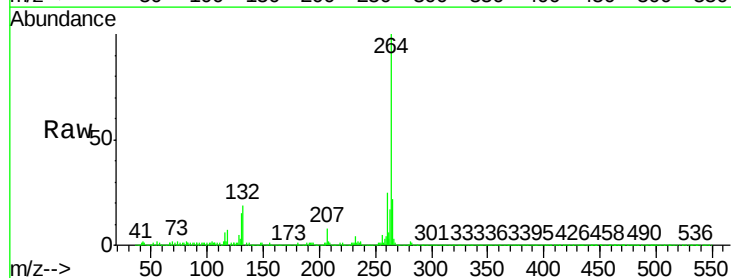
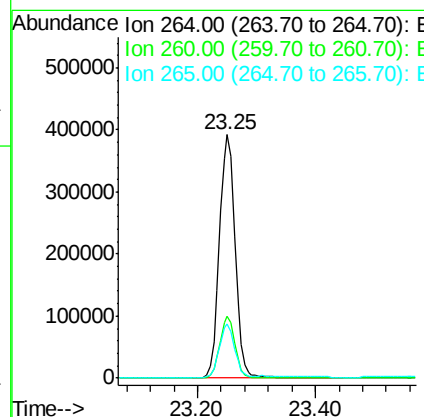
Manual Integrations
APPROVED

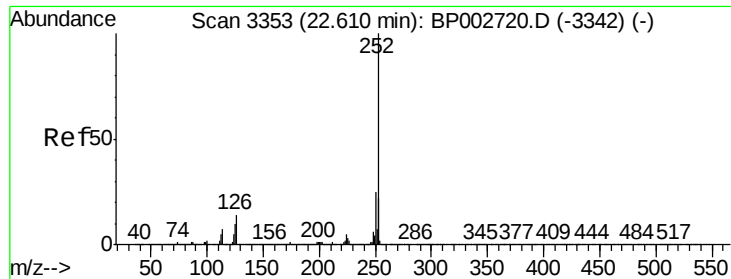
mohammad
7/16/2020 11:07:12 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP002754.D
Acq: 15 Jul 2020 15:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	22.4	16.8	25.2





#88

Benzo(b)fluoranthene

Concen: 4.636 ng m

RT: 22.60 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BP002754.D

Acq: 15 Jul 2020 15:05

Instrument :

BNA_P

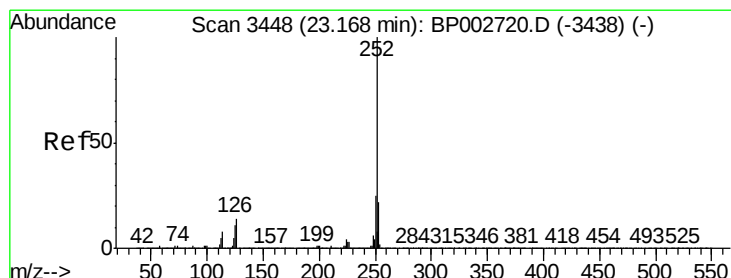
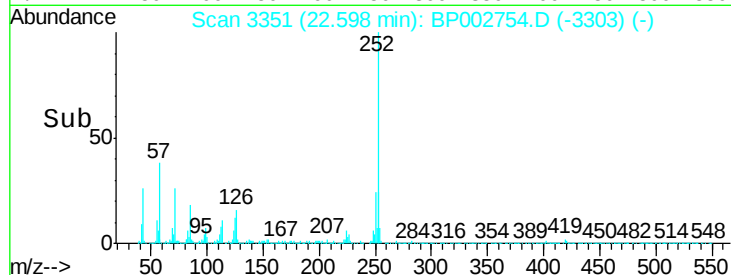
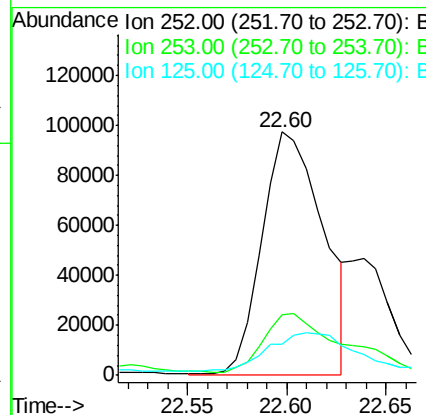
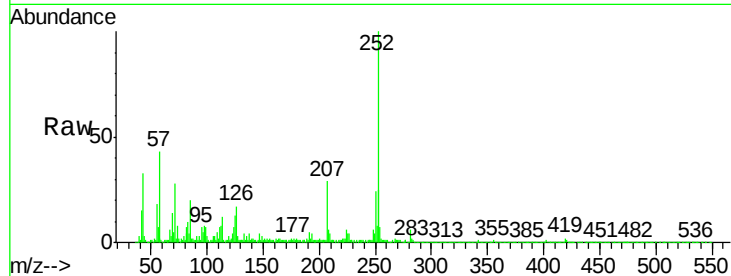
ClientSampleId :

CARLSTADT-SAMPLE-2020

Tot Ion:	252	Resp:	208809
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.7	26.5
125	12.9	8.2	12.2#

Manual Integrations
APPROVED

mohammad
7/16/2020 11:07:12 AM



#90

Benzo(a)pyrene

Concen: 3.197 ng

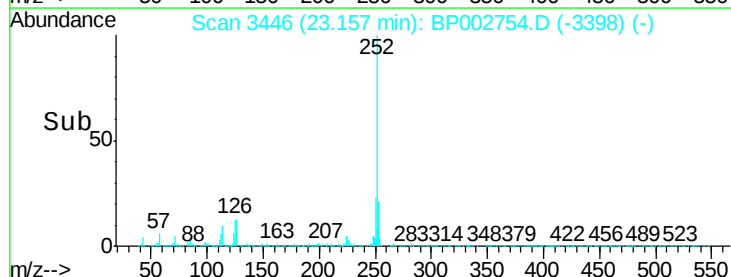
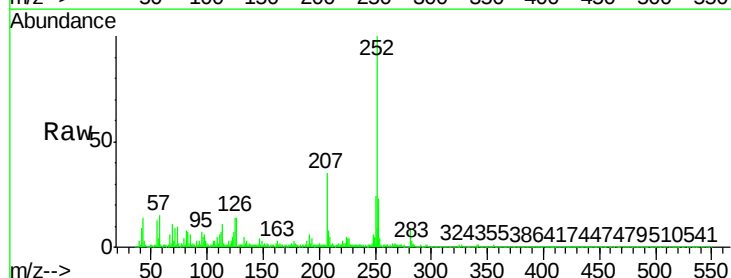
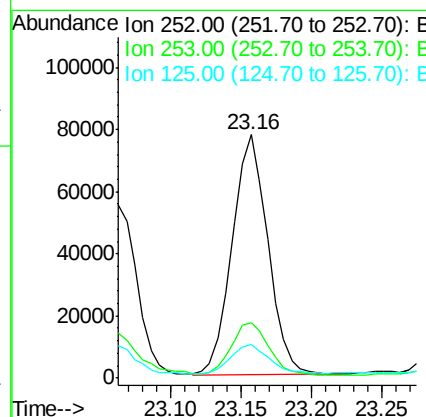
RT: 23.16 min Scan# 3446

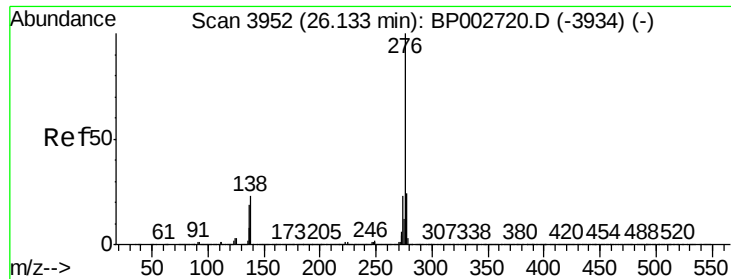
Delta R.T. -0.02 min

Lab File: BP002754.D

Acq: 15 Jul 2020 15:05

Tgt Ion:	252	Resp:	136466
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	13.6	8.6	13.0#





#92
 Benzo(a,h,i)perylene
 Concen: 2.414 ng
 RT: 26.12 min Scan# 3950
 Delta R.T. -0.02 min
 Lab File: BP002754.D
 Acq: 15 Jul 2020 15:05

Instrument :
 BNA_P
 ClientSampleId :
 CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	19.1	28.7
138	24.9	18.3	27.5

Manual Integrations
 APPROVED

mohammad
 7/16/2020 11:07:12 AM

