

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
 Data File : BP001696.D
 Acq On : 27 Jan 2020 18:04
 Operator : CG/JU
 Sample : L1242-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20200065-AMENDED-COMP-3

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:30 PM

Quant Time: Jan 28 04:21:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	20676	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	93318	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	70251	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	166961	20.00	ng	-0.01
76) Chrysene-d12	21.08	240	164870	20.00	ng	-0.01
87) Perylene-d12	23.28	264	185940	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	47386	44.89	ng	0.00
7) Phenol-d6	6.75	99	141463	83.86	ng	-0.01
23) Nitrobenzene-d5	8.70	82	171573	80.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	22851	21.37	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	359766	75.29	ng	-0.01
79) Terphenyl-d14	19.57	244	667971	74.10	ng	-0.01
Target Compounds						
10) Phenol	6.78	94	9252	5.302	ng	84
20) 3+4-Methylphenols	8.33	107	10954	6.464	ng	91
50) Dimethylphthalate	13.67	163	48197	8.330	ng	99
71) Phenanthrene	17.02	178	31046	3.419	ng	99
72) Anthracene	17.10	178	18180	2.057	ng	95
75) Fluoranthene	19.00	202	81270	6.802	ng	98
78) Pyrene	19.35	202	70311	5.806	ng	99
81) Benzo(a)anthracene	21.07	228	37528	3.268	ng	91
83) Chrysene	21.12	228	47863	4.277	ng	98
88) Benzo(b)fluoranthene	22.62	252	40771	3.480	ng	# 98
90) Benzo(a)pyrene	23.18	252	30484	2.740	ng	# 96

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

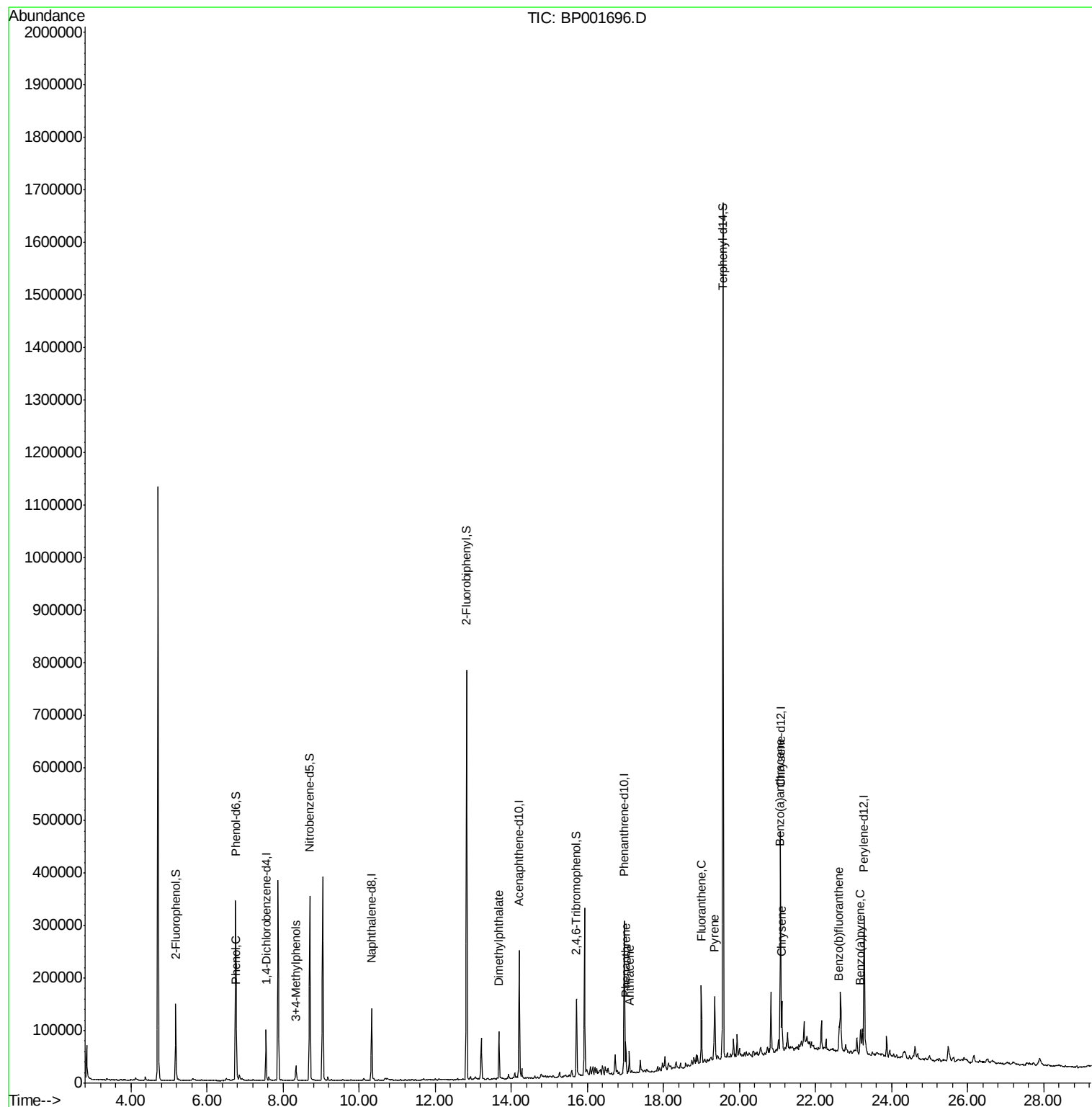
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

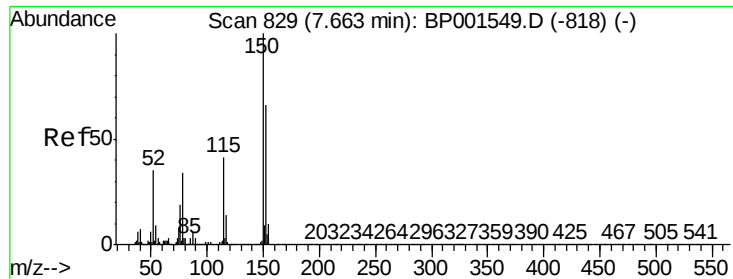
Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:30 PM

Quant Time: Jan 28 04:21:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration





#1

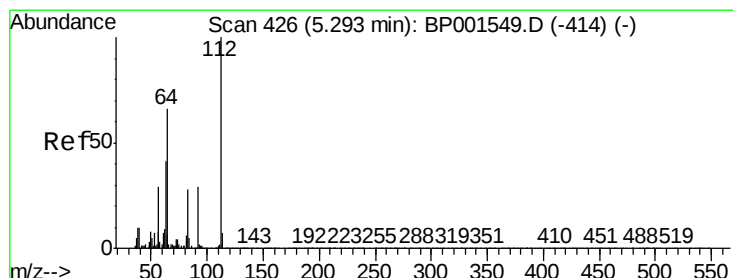
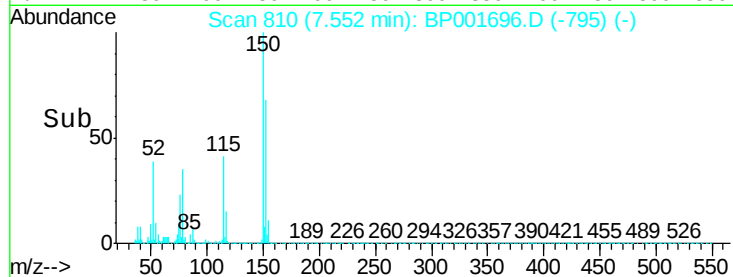
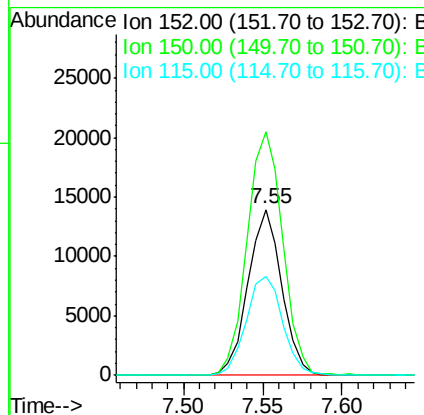
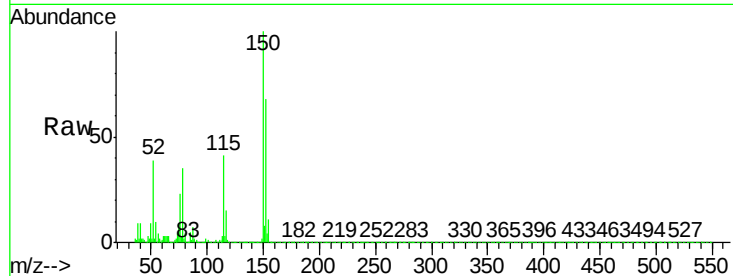
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	122.0	183.0
115	60.1	50.7	76.1

Manual Integrations
APPROVED

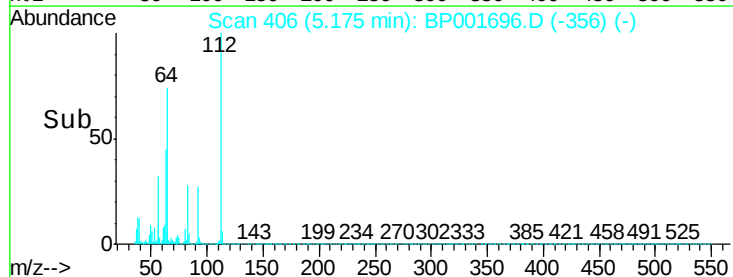
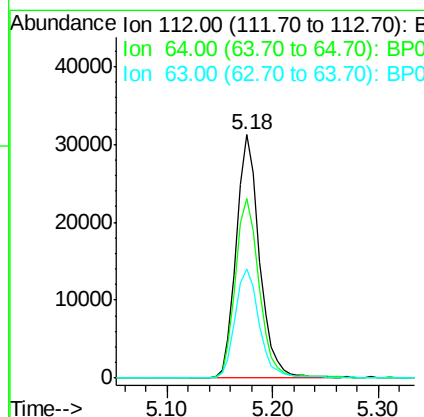
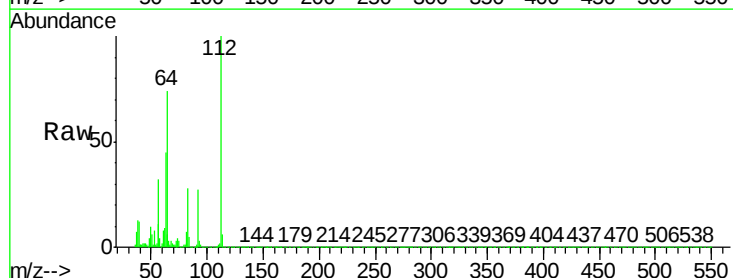
mohammad
1/28/2020 1:14:30 PM

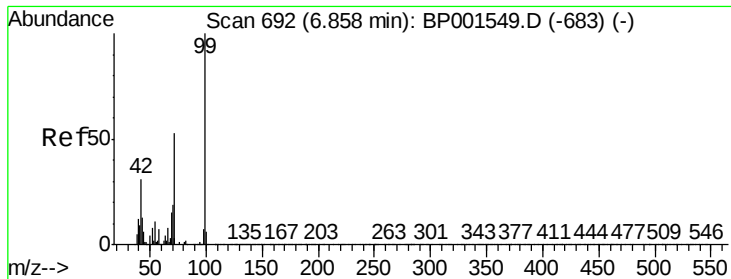


#5

2-Fluorophenol
Concen: 44.895 ng
RT: 5.18 min Scan# 406
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	52.8	79.2
63	44.6	33.1	49.7





#7

Phenol-d6

Concen: 83.861 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Instrument :

BNA_P

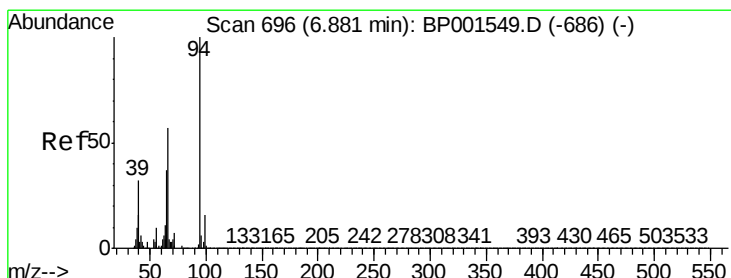
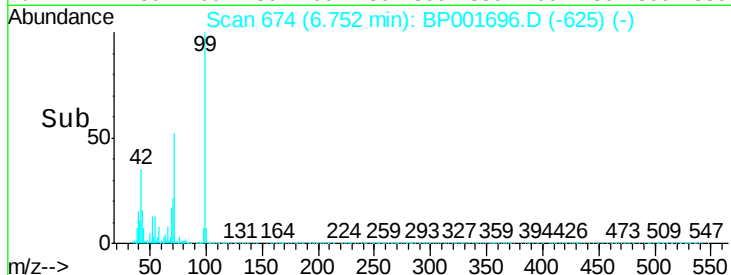
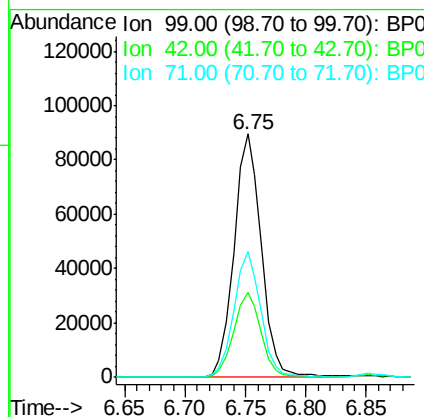
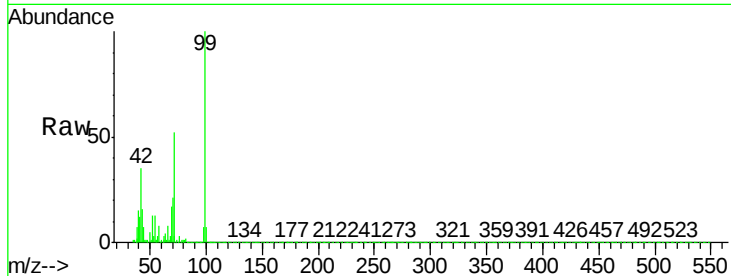
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	99	Resp:	141463
Ion Ratio	Lower	Upper	
99	100		
42	34.6	24.5	36.7
71	51.5	42.4	63.6

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:30 PM



#10

Phenol

Concen: 5.302 ng

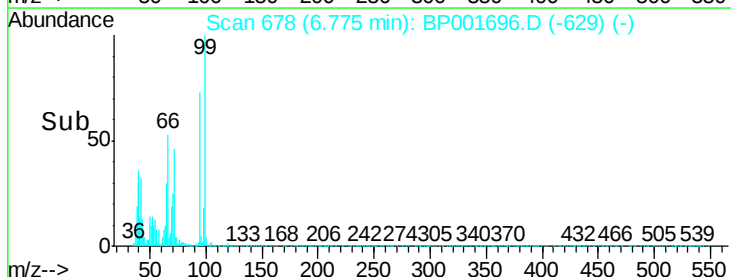
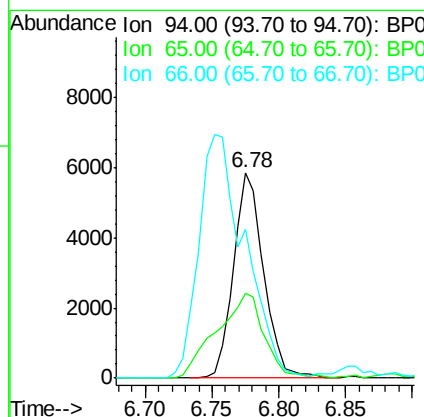
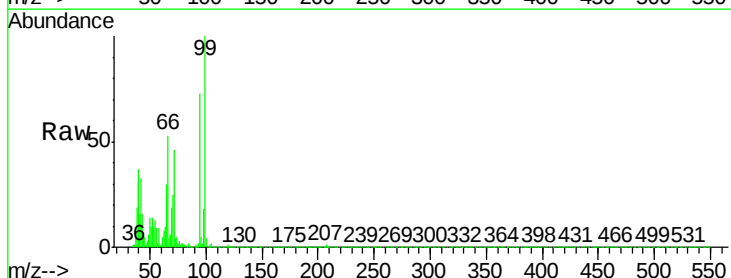
RT: 6.78 min Scan# 678

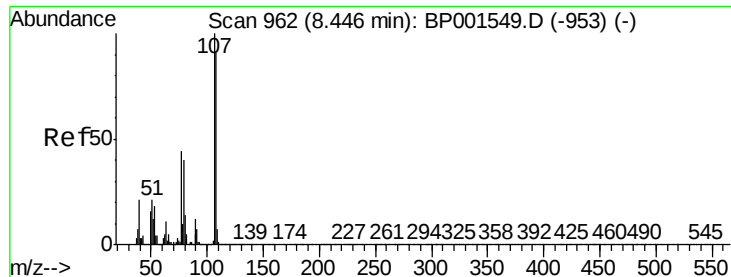
Delta R.T. -0.01 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Tgt Ion:	94	Resp:	9252
Ion Ratio	Lower	Upper	
94	100		
65	41.6	17.5	57.5
66	72.4	36.7	76.7





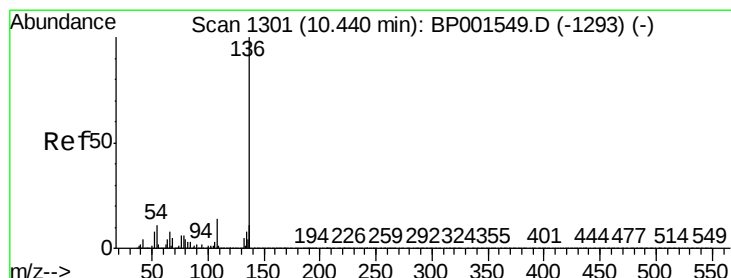
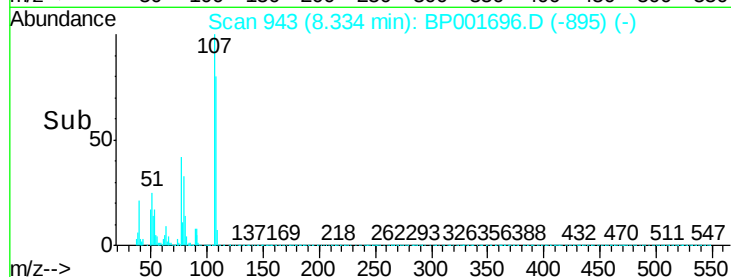
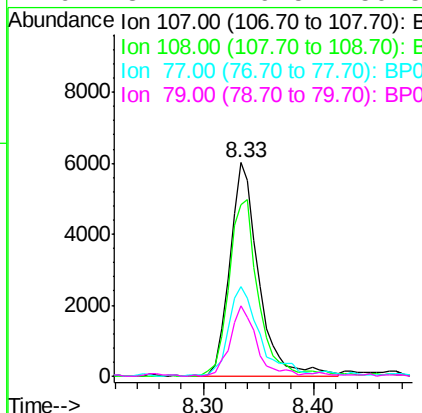
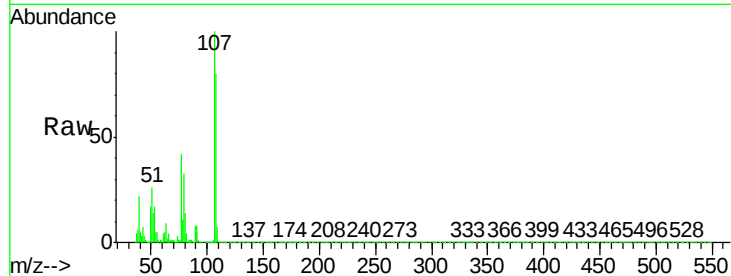
#20
3+4-Methylphenols
Concen: 6.464 ng
RT: 8.33 min Scan# 943
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
107	100		
108	80.3	71.2	111.2
77	42.2	24.4	64.4
79	32.7	19.5	59.5

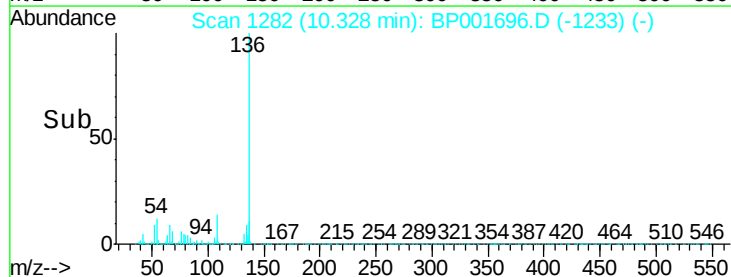
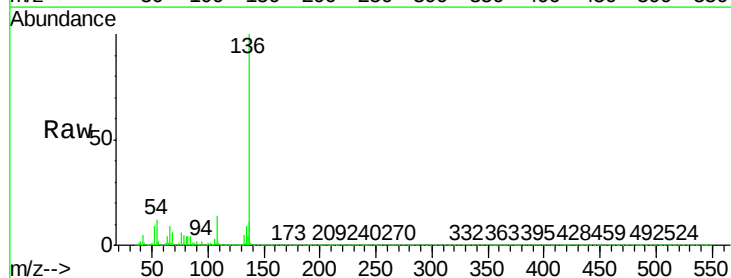
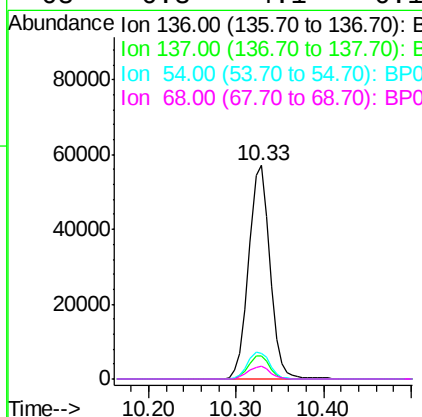
Manual Integrations
APPROVED

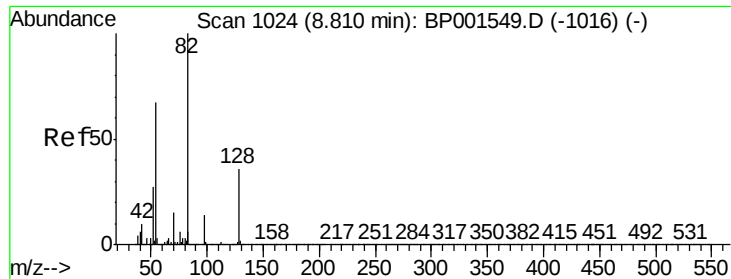
mohammad
1/28/2020 1:14:30 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	12.0	9.2	13.8
68	6.3	4.1	6.1#





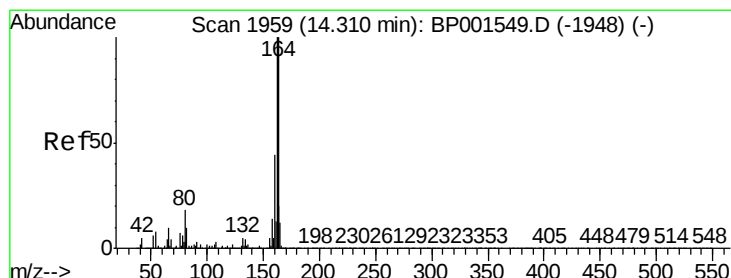
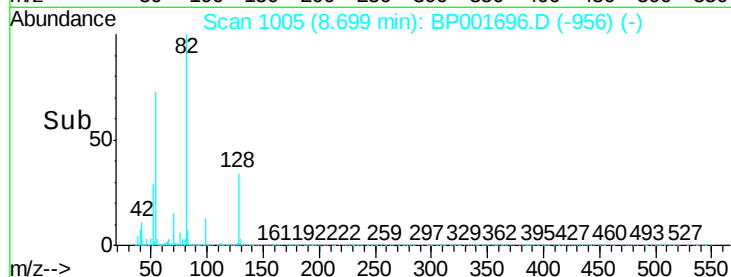
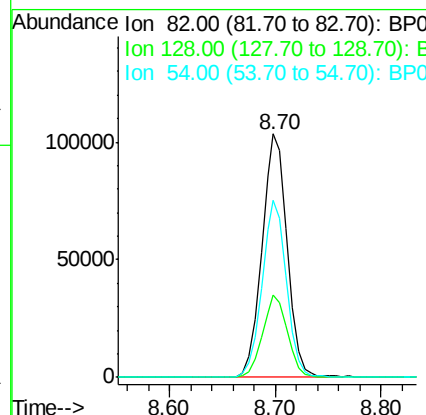
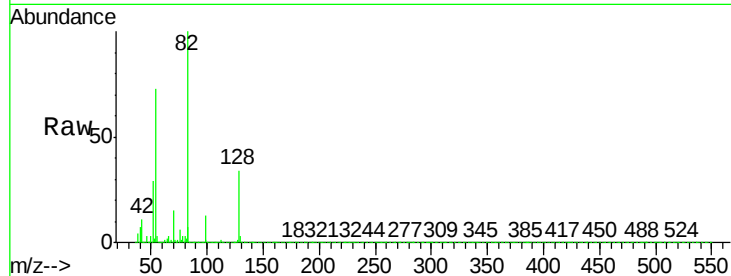
#23
Nitrobenzene-d5
Concen: 80.342 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.4	42.6
54	72.5	53.4	80.2

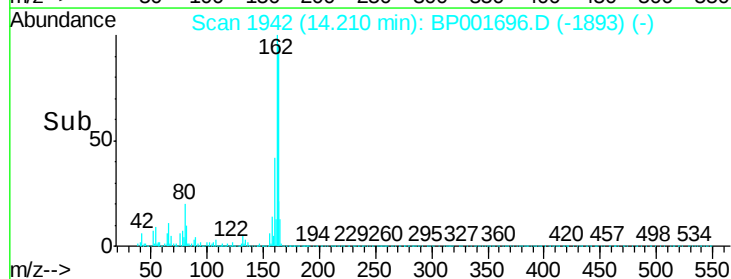
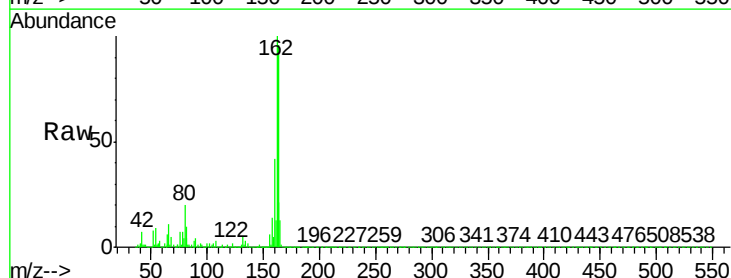
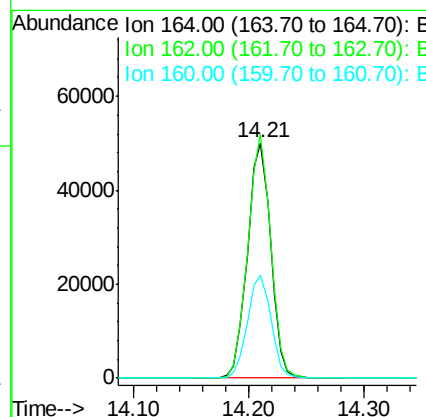
Manual Integrations
APPROVED

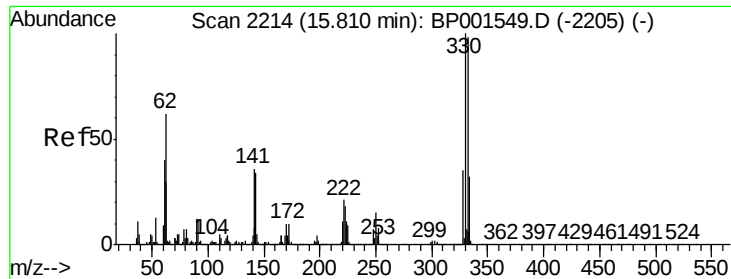
mohammad
1/28/2020 1:14:30 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.8	119.6
160	43.9	35.0	52.6





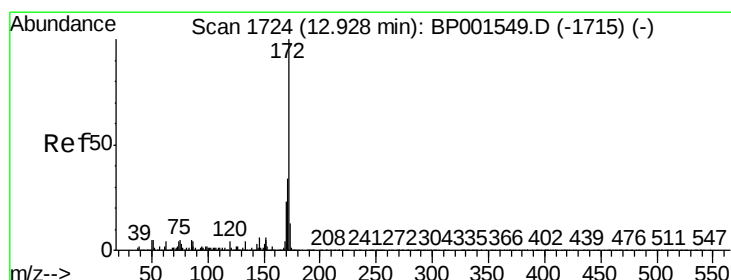
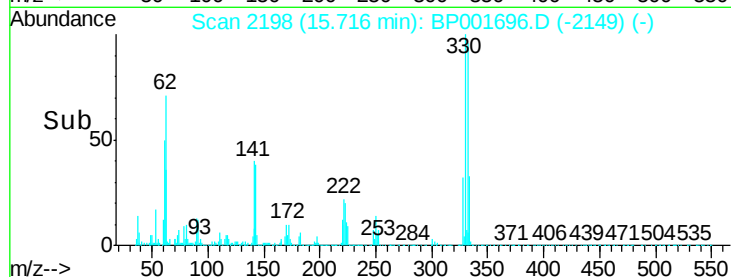
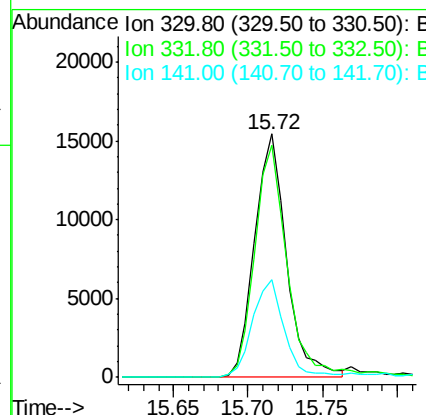
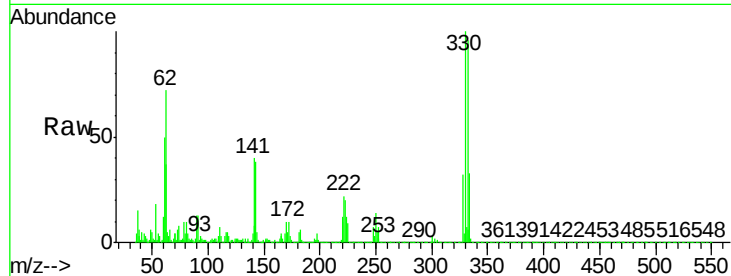
#42
 2,4,6-Tribromophenol
 Concen: 21.369 ng
 RT: 15.72 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP001696.D
 Acq: 27 Jan 2020 18:04

Instrument :
 BNA_P
 ClientSampleId :
 20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.8	116.6
141	39.7	28.7	43.1

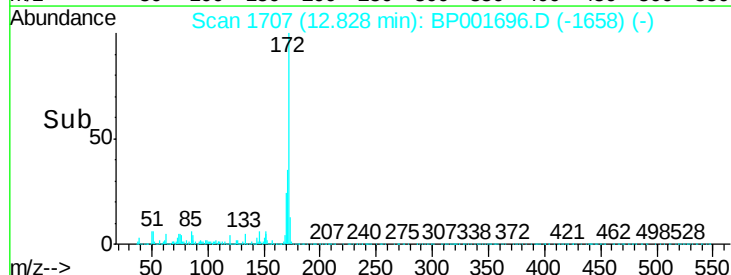
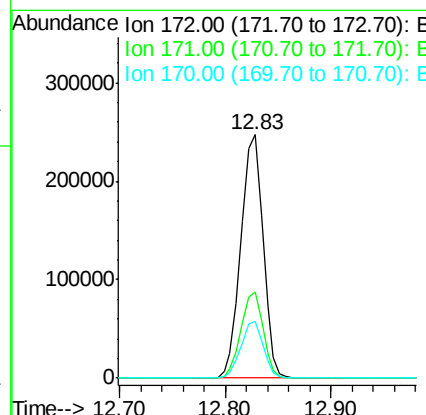
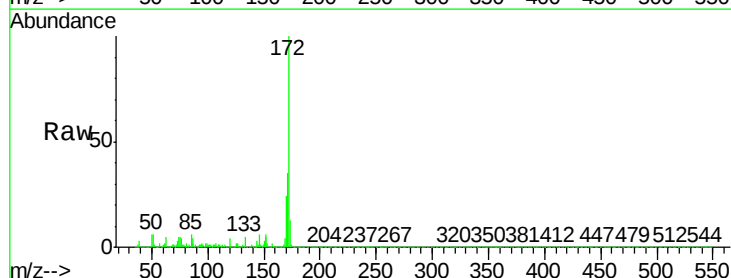
Manual Integrations
 APPROVED

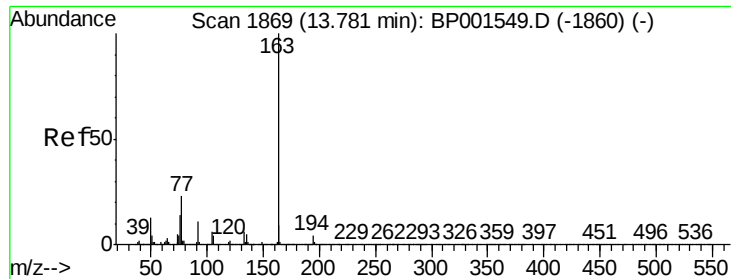
mohammad
 1/28/2020 1:14:30 PM



#45
 2-Fluorobiphenyl
 Concen: 75.295 ng
 RT: 12.83 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BP001696.D
 Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.5	18.3	27.5





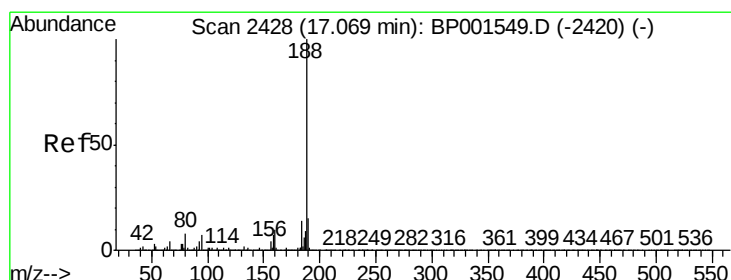
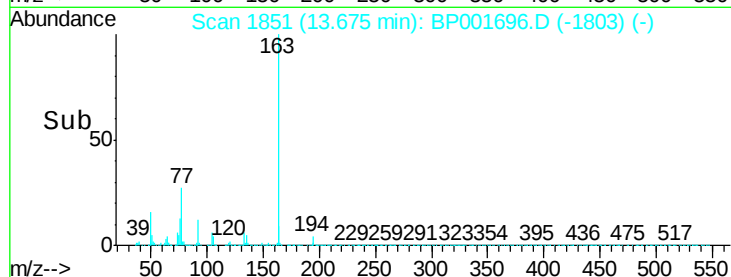
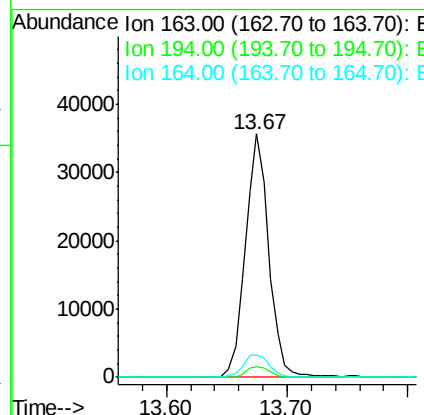
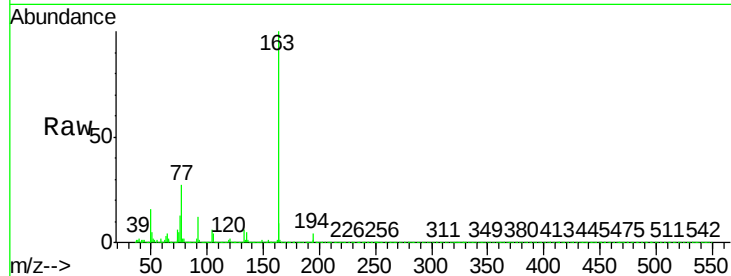
#50
Dimethylphthalate
Concen: 8.330 ng
RT: 13.67 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.0	7.5	11.3

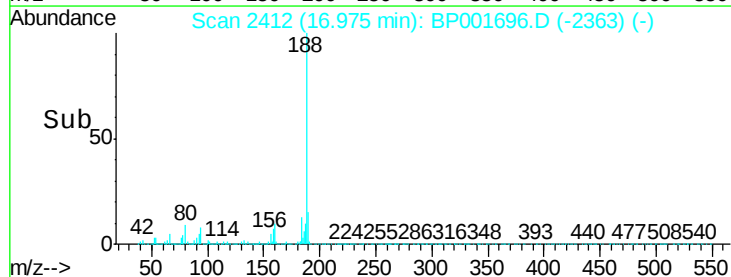
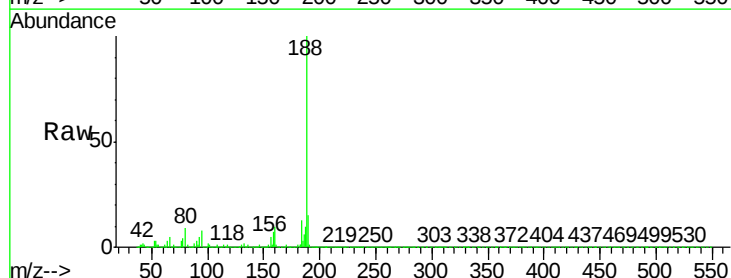
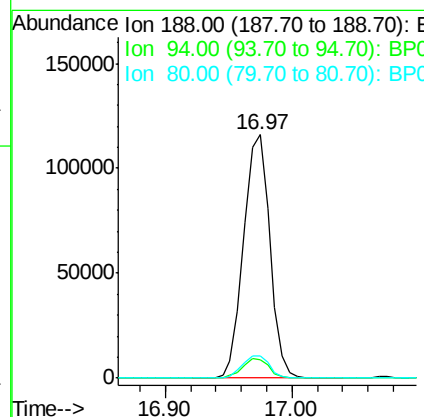
Manual Integrations
APPROVED

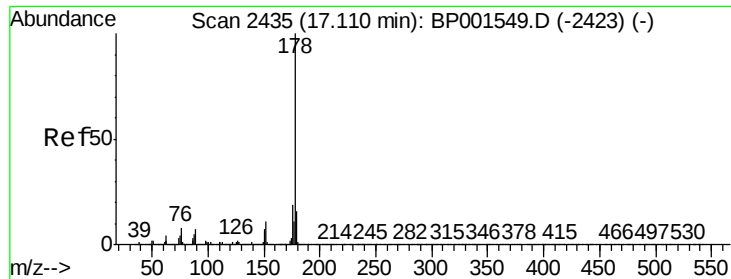
mohammad
1/28/2020 1:14:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.9	8.9
80	8.9	6.8	10.2





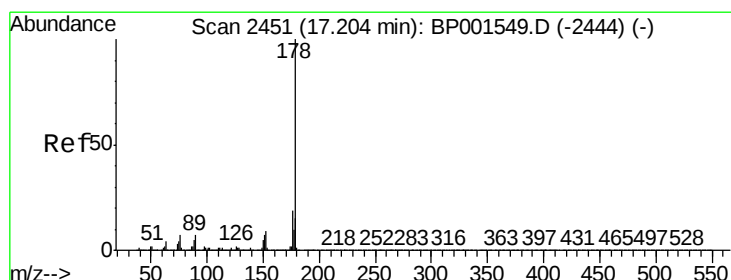
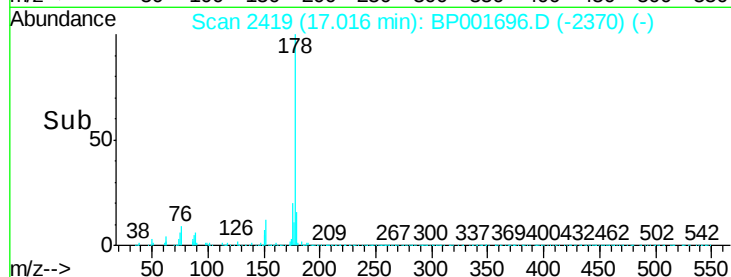
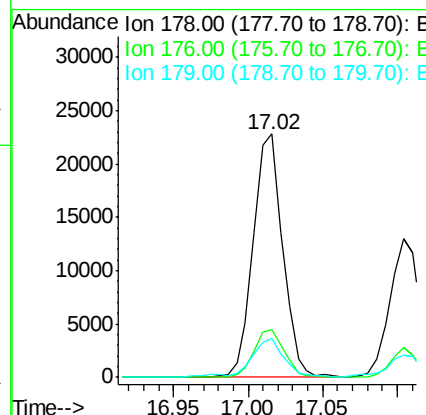
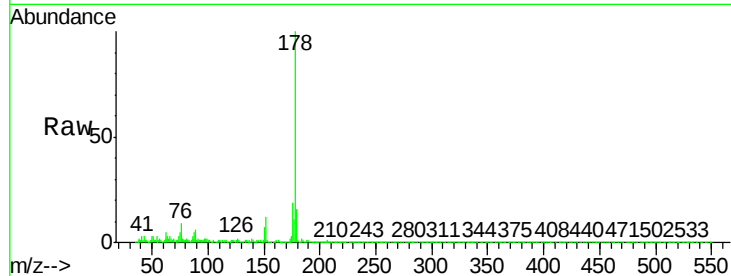
#71
Phenanthrene
Concen: 3.419 ng
RT: 17.02 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.0	12.5	18.7

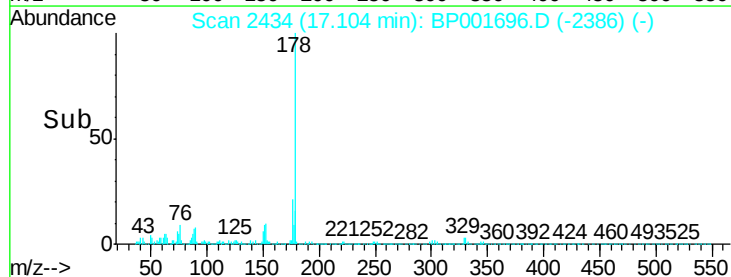
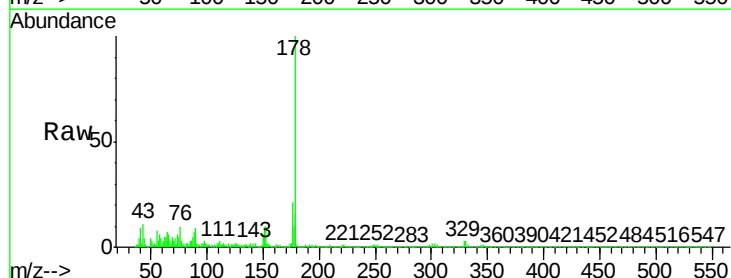
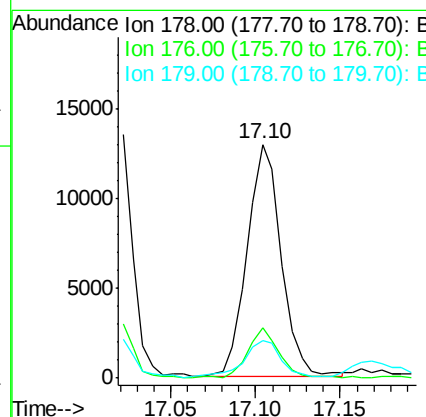
Manual Integrations
APPROVED

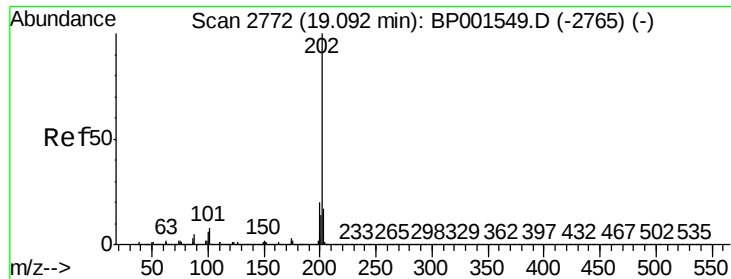
mohammad
1/28/2020 1:14:30 PM



#72
Anthracene
Concen: 2.057 ng
RT: 17.10 min Scan# 2434
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.6
179	16.3	11.8	17.8





#75

Fluoranthene

Concen: 6.802 ng

RT: 19.00 min Scan# 2756

Delta R.T. -0.02 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Instrument :

BNA_P

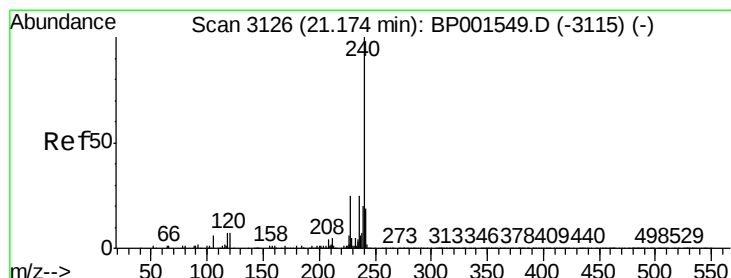
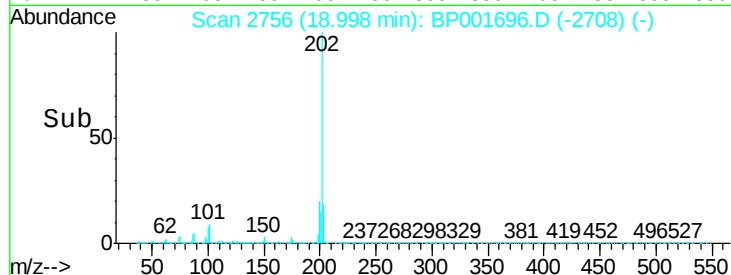
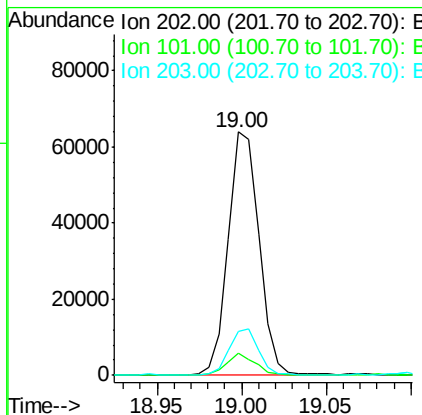
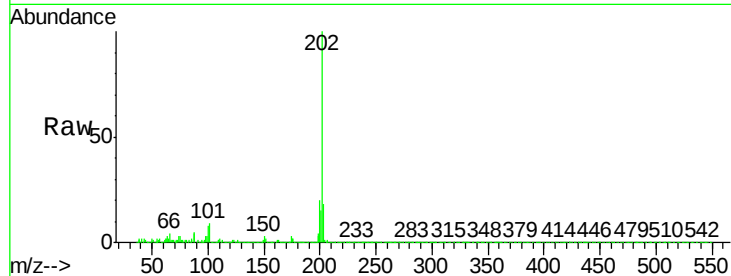
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	202	Resp:	81270
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.4
203	18.0	0.0	37.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:30 PM



#76

Chrysene-d12

Concen: 20.000 ng

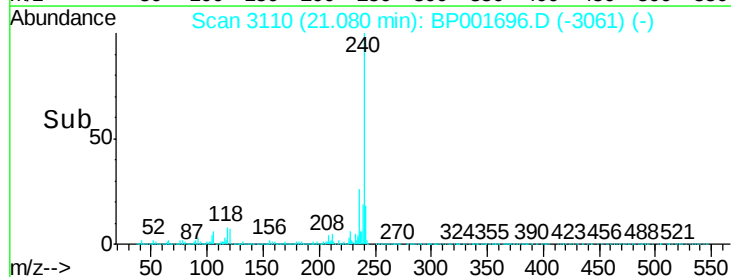
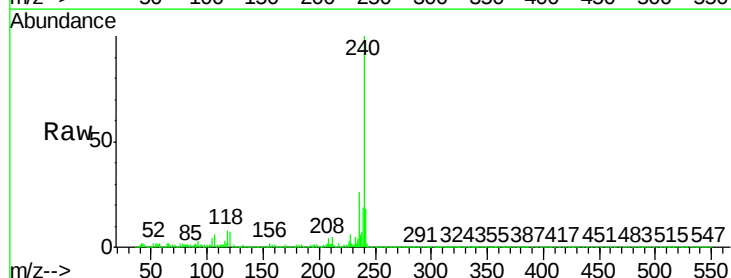
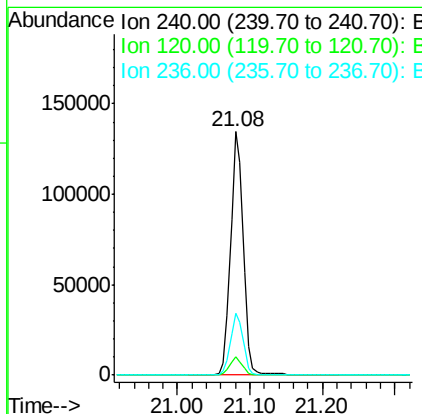
RT: 21.08 min Scan# 3110

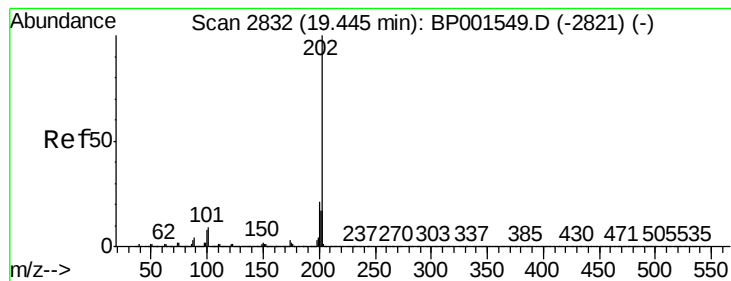
Delta R.T. -0.01 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Tgt Ion:	240	Resp:	164870
Ion Ratio	Lower	Upper	
240	100		
120	7.5	5.7	8.5
236	25.5	20.4	30.6





#78

Pvrene

Concen: 5.806 ng

RT: 19.35 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Instrument :

BNA_P

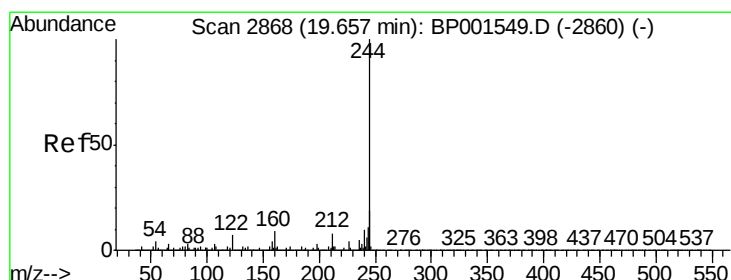
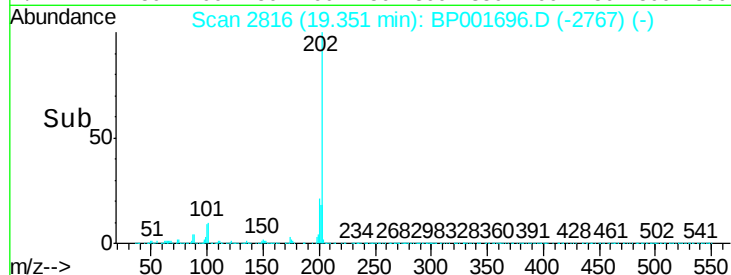
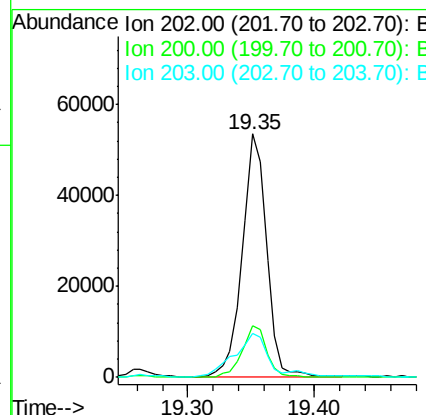
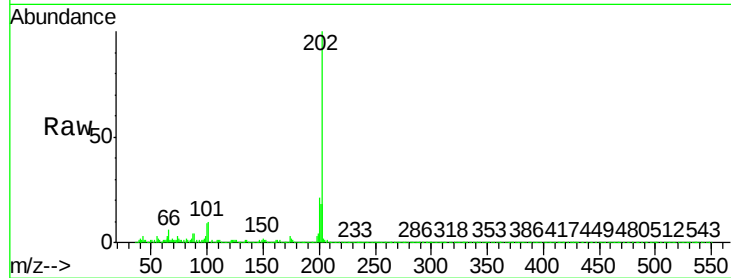
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	202	Resp:	70311
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	17.9	13.7	20.5

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:30 PM



#79

Terphenyl-d14

Concen: 74.103 ng

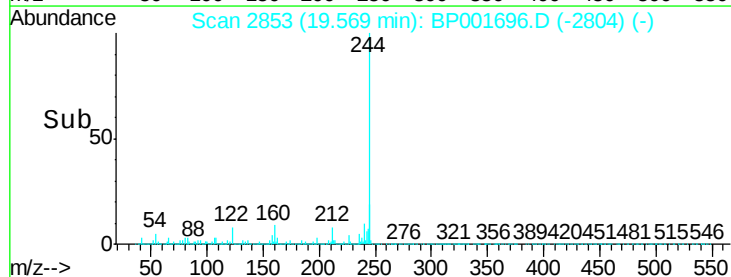
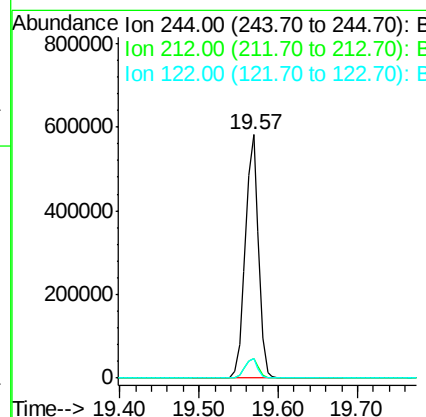
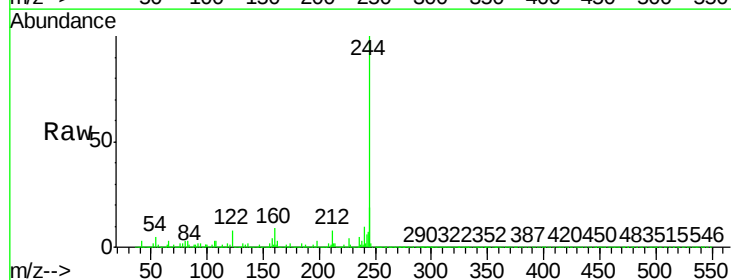
RT: 19.57 min Scan# 2853

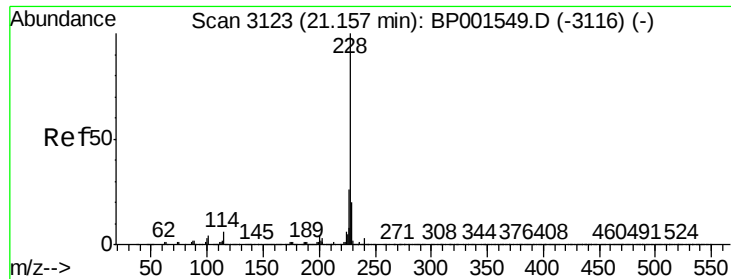
Delta R.T. -0.01 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Tgt Ion:	244	Resp:	667971
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.3	9.5
122	8.0	5.8	8.6





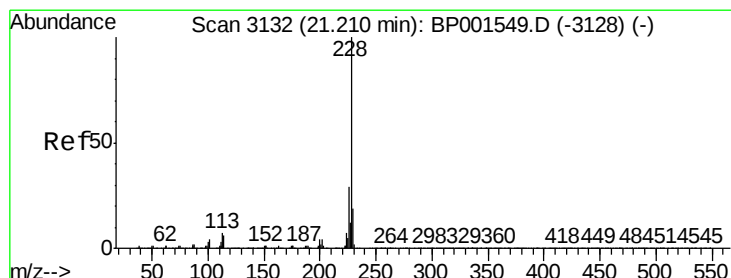
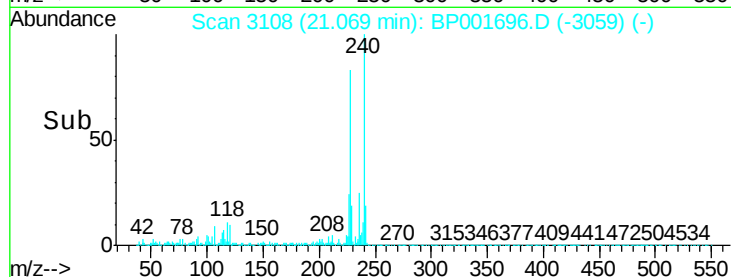
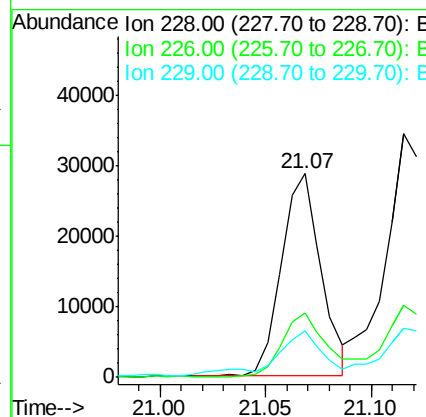
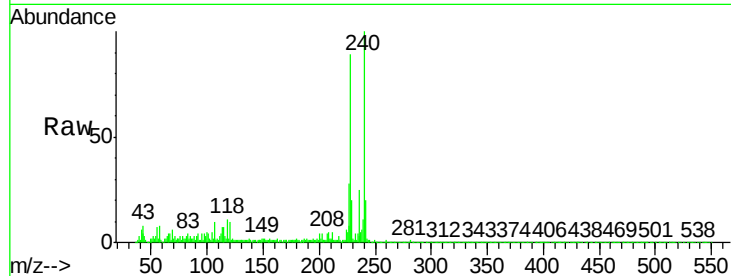
#81
Benzo(a)anthracene
Concen: 3.268 ng
RT: 21.07 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.2	31.8
229	23.1	16.1	24.1

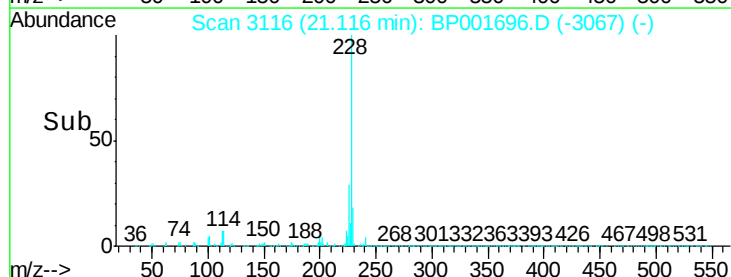
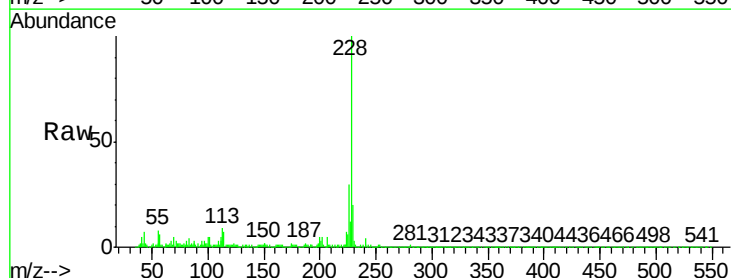
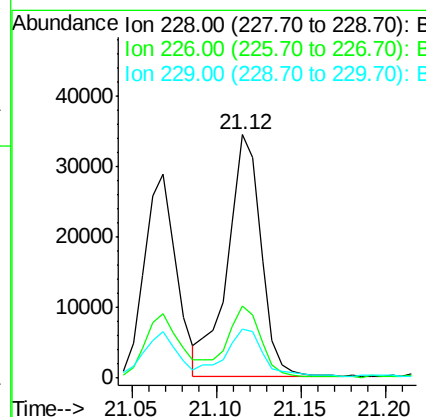
Manual Integrations
APPROVED

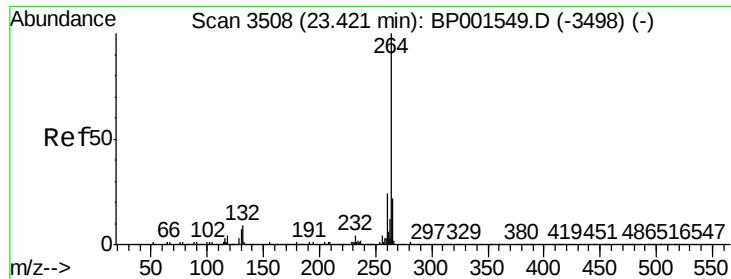
mohammad
1/28/2020 1:14:30 PM



#83
Chrysene
Concen: 4.277 ng
RT: 21.12 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	20.0	15.2	22.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Instrument :

BNA_P

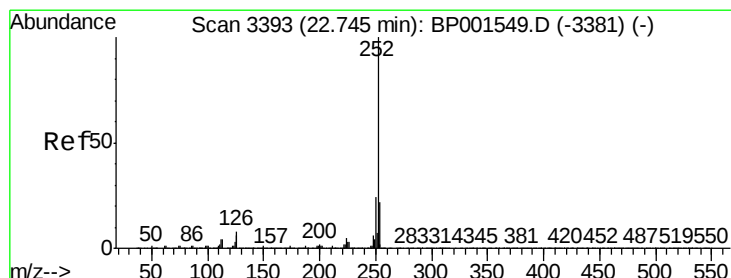
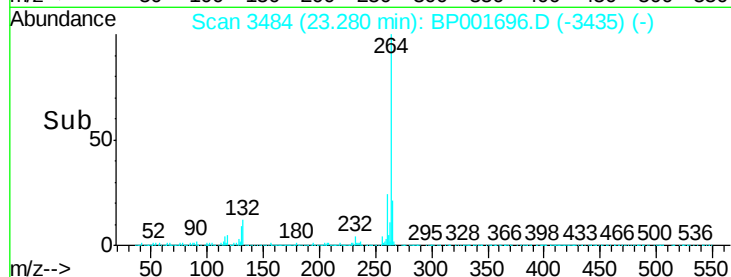
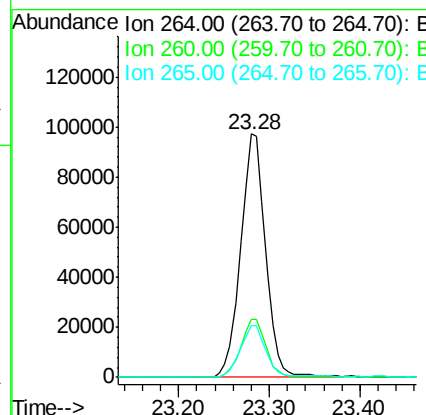
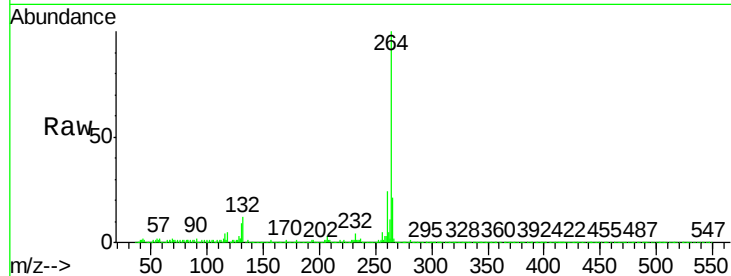
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	264	Resp:	185940
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.6
265	21.3	18.2	27.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:30 PM



#88

Benzo(b)fluoranthene

Concen: 3.480 ng

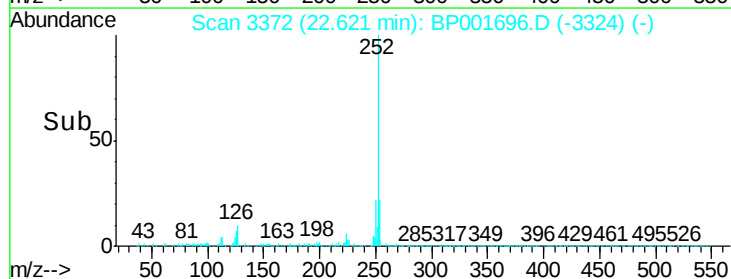
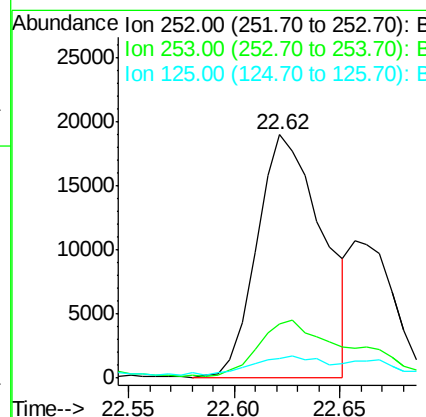
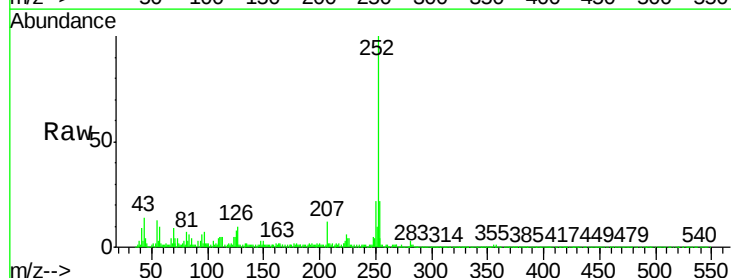
RT: 22.62 min Scan# 3372

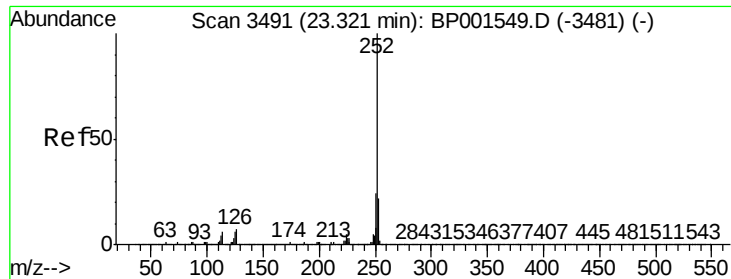
Delta R.T. -0.02 min

Lab File: BP001696.D

Acq: 27 Jan 2020 18:04

Tgt Ion:	252	Resp:	40771
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	8.2	4.6	7.0#





#90
Benzo(a)pyrene
Concen: 2.740 ng
RT: 23.18 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BP001696.D
Acq: 27 Jan 2020 18:04

Instrument :
BNA_P
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.4	5.0	7.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:30 PM

