

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001540.D
 Acq On : 06 Jan 2020 21:01
 Operator : JU
 Sample : K6471-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-2-5-COMP-B2

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:31:38 PM

Quant Time: Jan 07 03:35:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	52584	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	196151	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	131238	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	287795	20.00	ng	0.00
76) Chrysene-d12	21.18	240	225791	20.00	ng	0.00
87) Perylene-d12	23.43	264	236099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	263195	84.09	ng	0.00
7) Phenol-d6	6.89	99	386039	91.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	271285	68.31	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	162713	109.55	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	552159	61.86	ng	0.00
79) Terphenyl-d14	19.66	244	728460	64.30	ng	0.00
Target Compounds						
10) Phenol	6.91	94	14320	3.229	ng	90
50) Dimethylphthalate	13.79	163	52678	5.135	ng	99
71) Phenanthrene	17.12	178	45571	2.919	ng	98
75) Fluoranthene	19.10	202	103960	5.502	ng	99
78) Pyrene	19.45	202	97956	5.979	ng	96
81) Benzo(a)anthracene	21.16	228	49023	3.094	ng	94
83) Chrysene	21.22	228	47256m	3.111	ng	
84) Bis(2-ethylhexyl)phthalate	21.13	149	40241	3.896	ng	96
88) Benzo(b)fluoranthene	22.76	252	63582	4.349	ng	# 92
90) Benzo(a)pyrene	23.33	252	41868	3.060	ng	# 92
92) Benzo(a,h,i)perylene	26.38	276	30981	2.284	ng	96

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

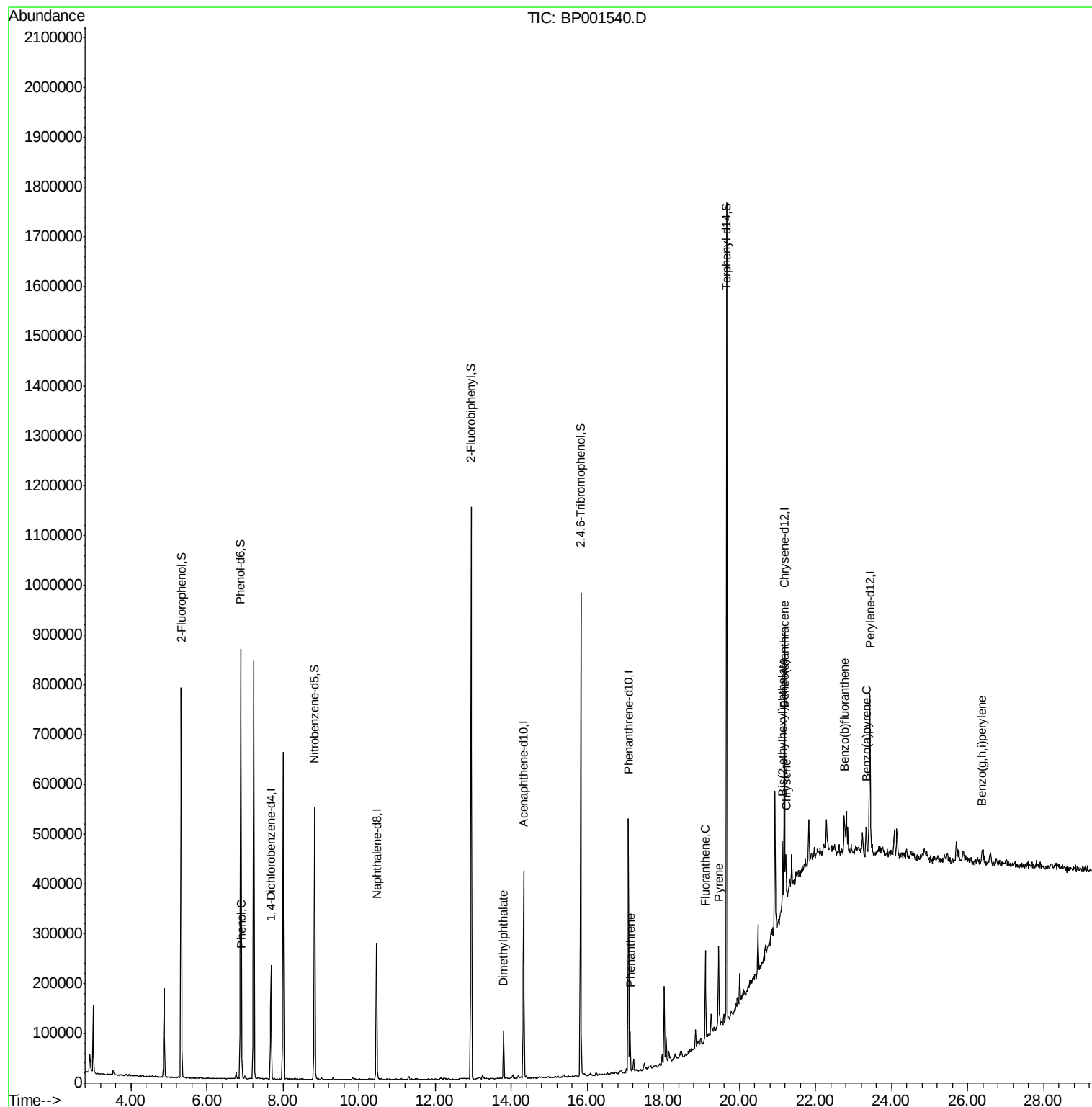
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

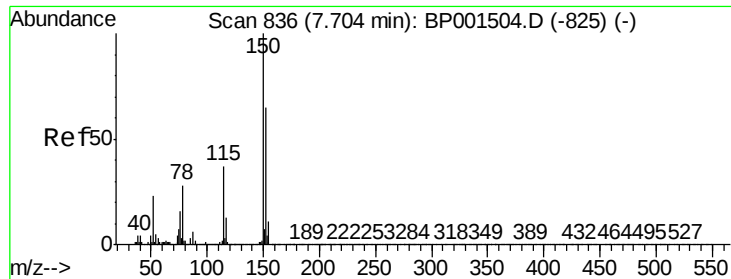
Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Manual Integrations
APPROVED

mohammad
1/7/2020 12:31:38 PM

Quant Time: Jan 07 03:35:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 06 16:38:29 2020
Response via : Initial Calibration





#1

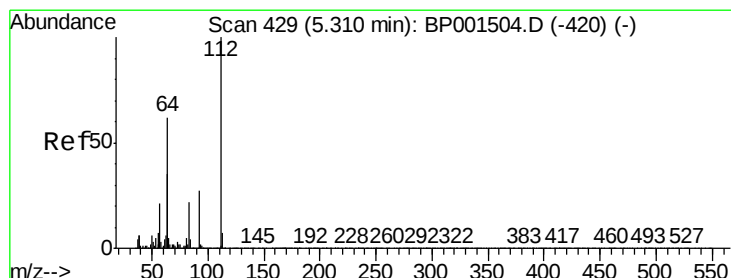
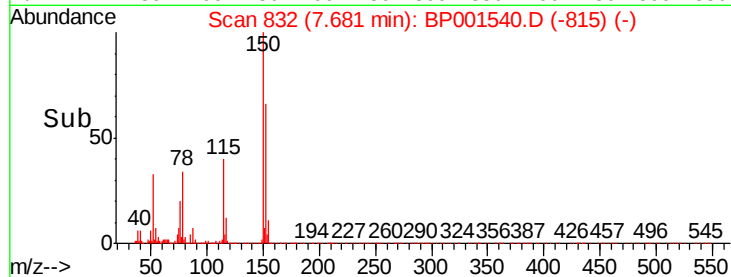
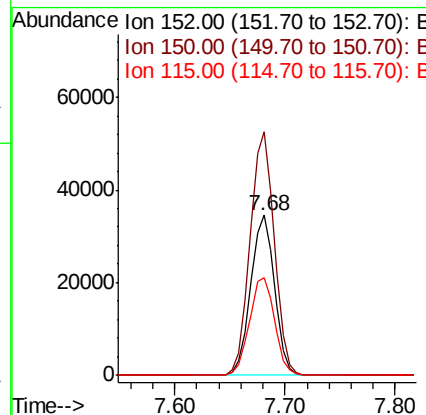
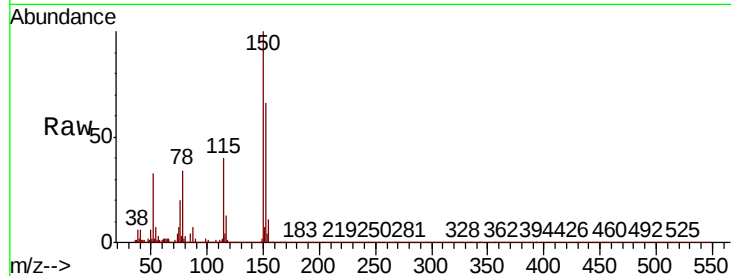
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	117.9	176.9
115	61.1	50.3	75.5

Manual Integrations
APPROVED

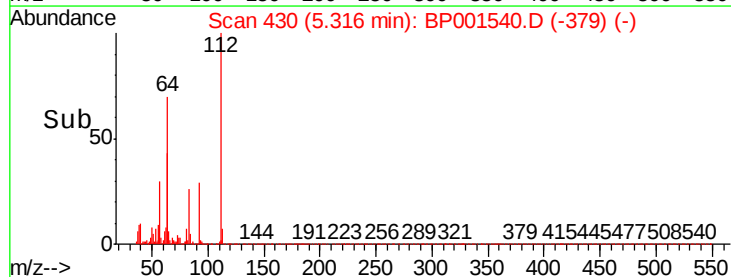
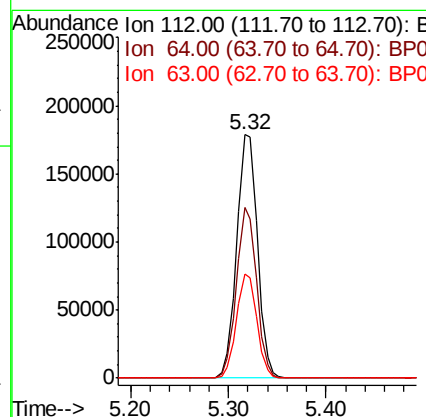
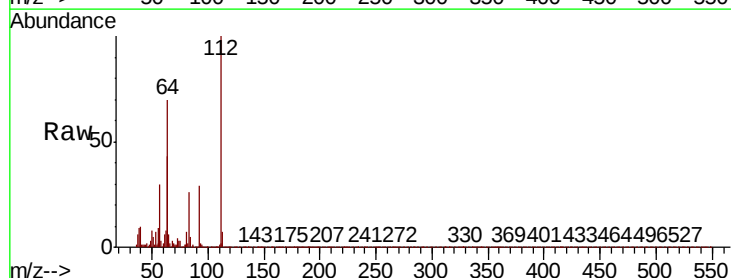
mohammad
1/7/2020 12:31:38 PM

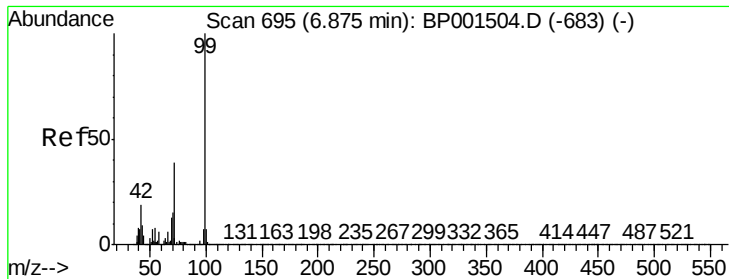


#5

2-Fluorophenol
Concen: 84.088 ng
RT: 5.32 min Scan# 430
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	52.6	79.0
63	42.5	32.6	48.8





#7

Phenol-d6

Concen: 91.569 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Instrument :

BNA_P

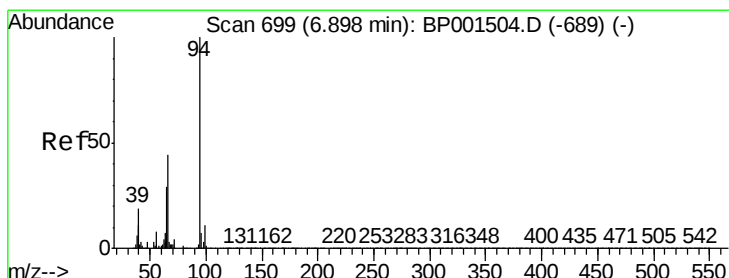
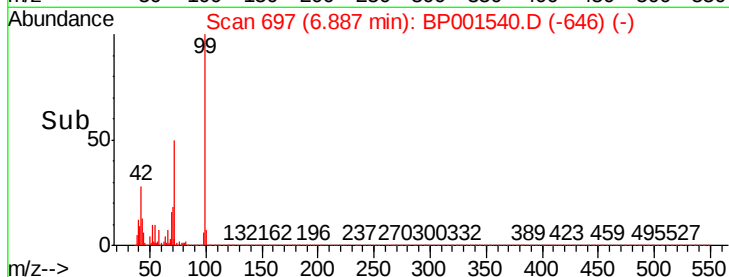
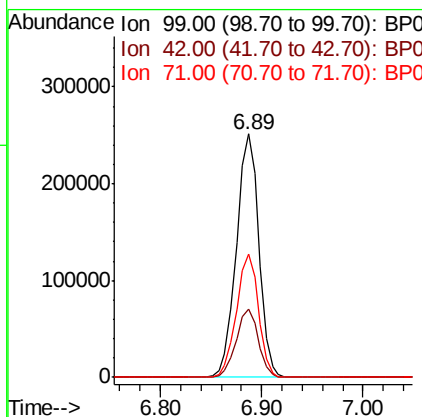
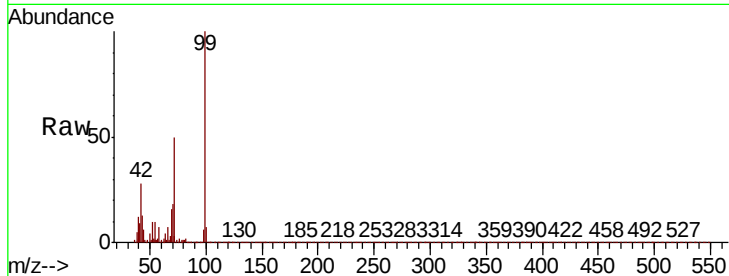
ClientSampleId :

MC-123019-2-5-COMP-B2

Tot Ion:	99	Resp:	386039
Ion Ratio	Lower	Upper	
99	100		
42	28.0	21.2	31.8
71	50.4	40.0	60.0

Manual Integrations
APPROVED

mohammad
1/7/2020 12:31:38 PM



#10

Phenol

Concen: 3.229 ng

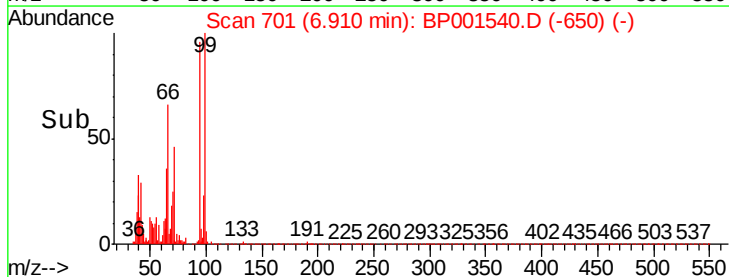
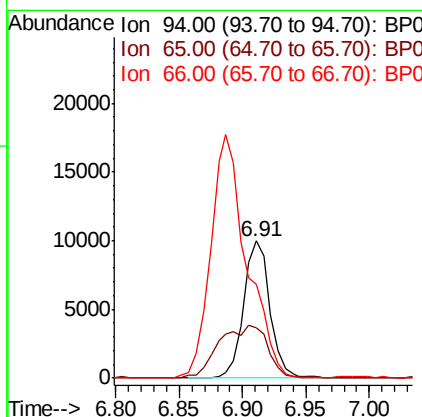
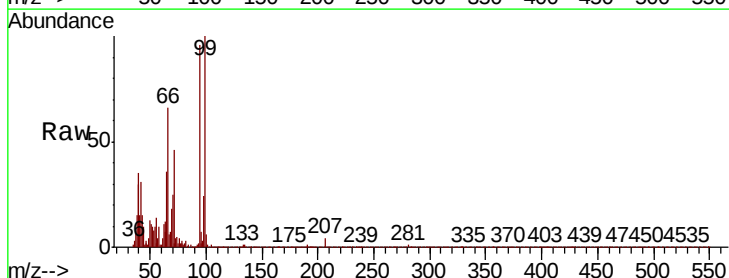
RT: 6.91 min Scan# 701

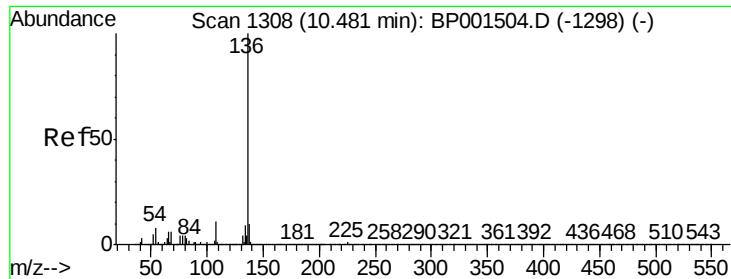
Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Tgt Ion:	94	Resp:	14320
Ion Ratio	Lower	Upper	
94	100		
65	37.1	15.7	55.7
66	68.9	37.8	77.8





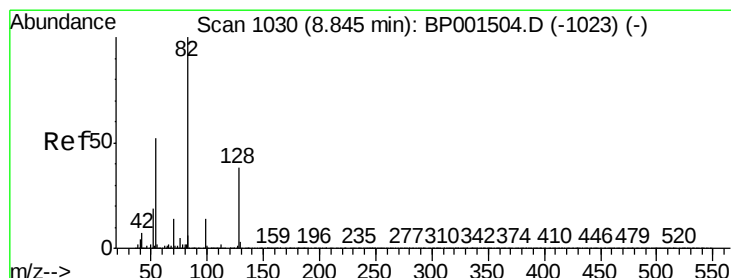
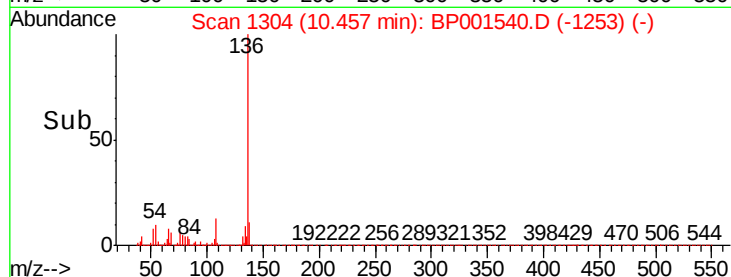
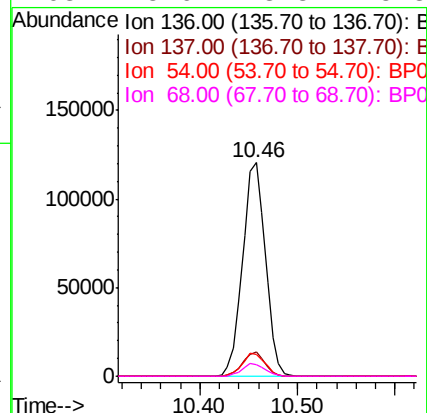
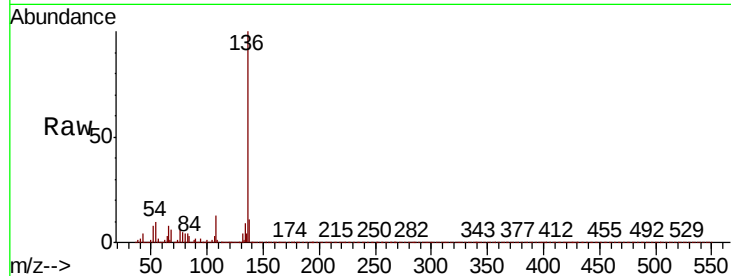
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.3	8.4	12.6
68	5.6	3.8	5.8

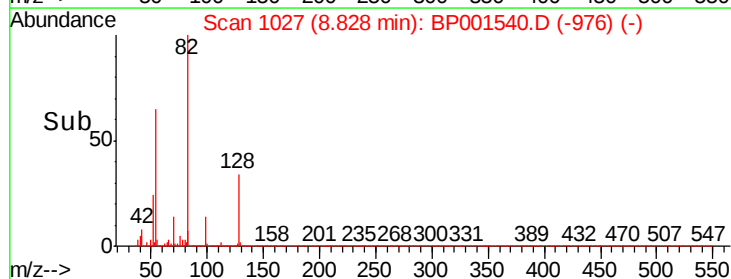
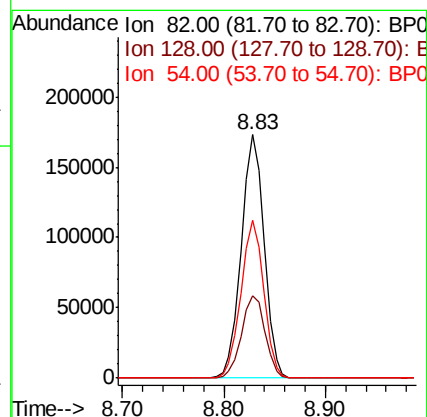
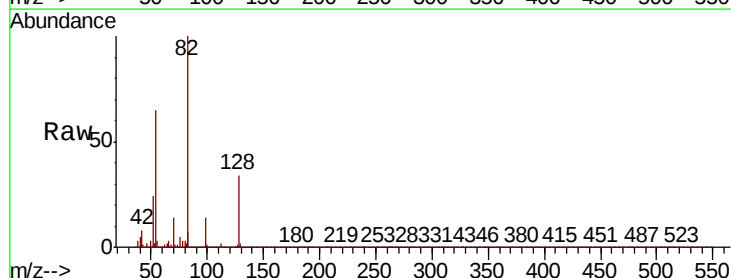
Manual Integrations
APPROVED

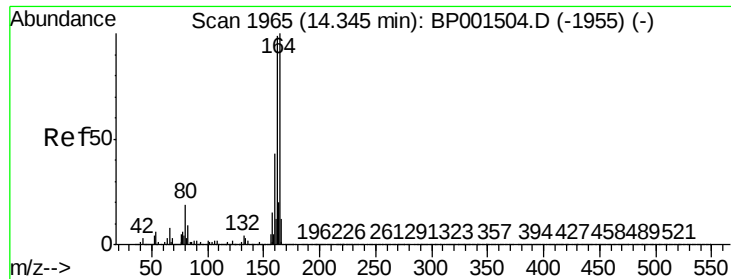
mohammad
1/7/2020 12:31:38 PM



#23
Nitrobenzene-d5
Concen: 68.311 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.0	26.9	40.3
54	64.7	51.8	77.8





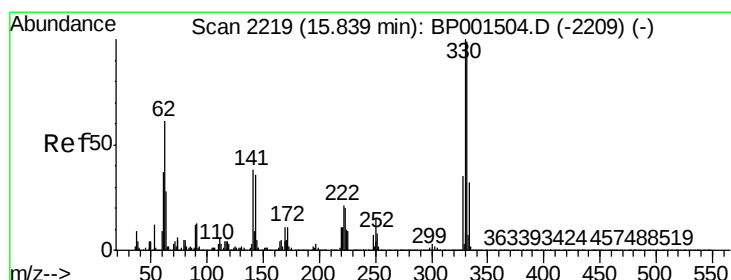
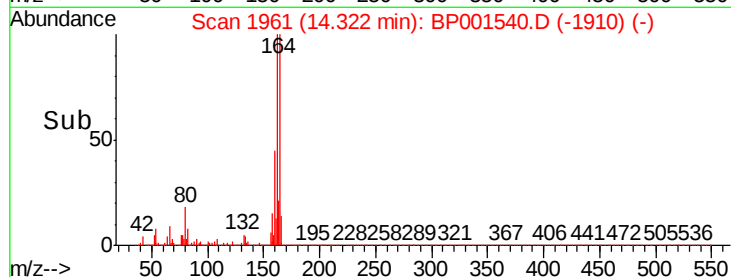
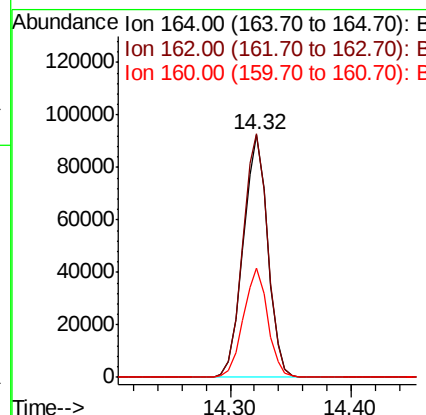
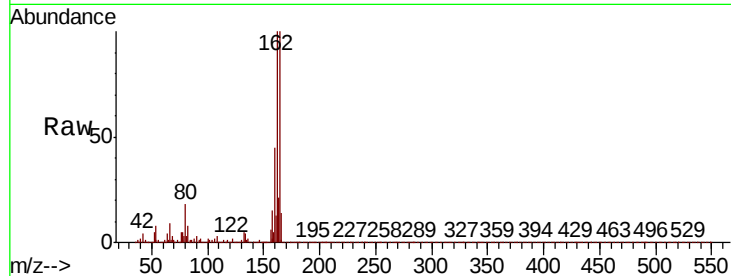
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.0	118.4
160	44.8	34.1	51.1

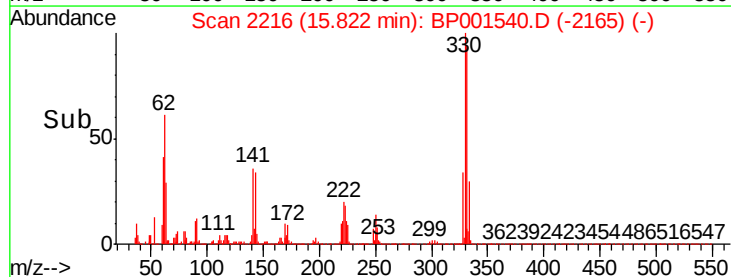
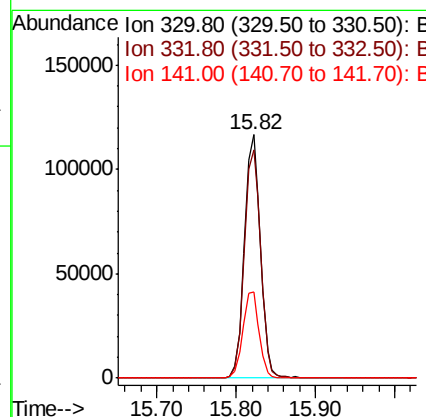
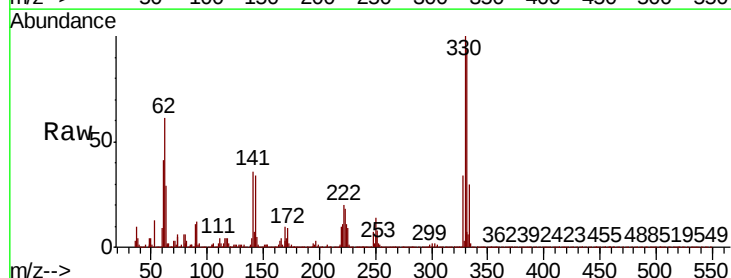
Manual Integrations
APPROVED

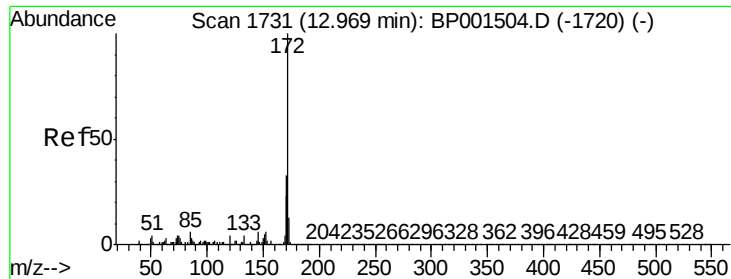
mohammad
1/7/2020 12:31:38 PM



#42
2,4,6-Tribromophenol
Concen: 109.548 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	35.9	28.7	43.1





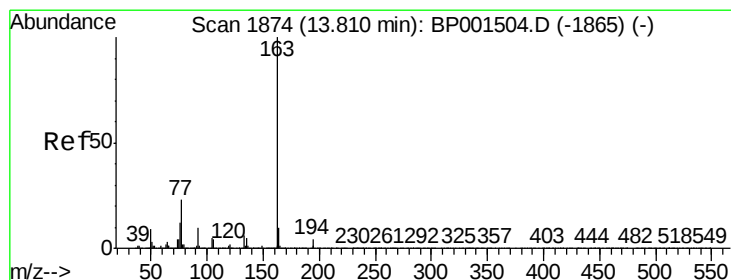
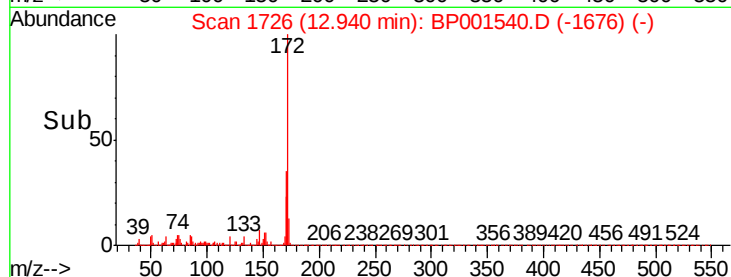
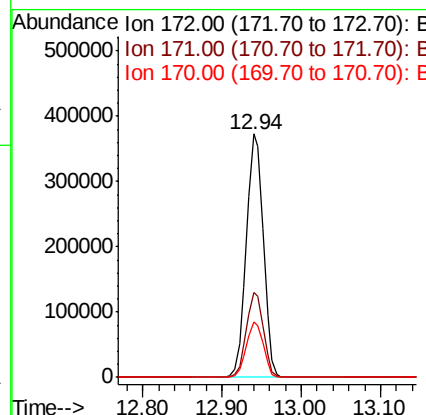
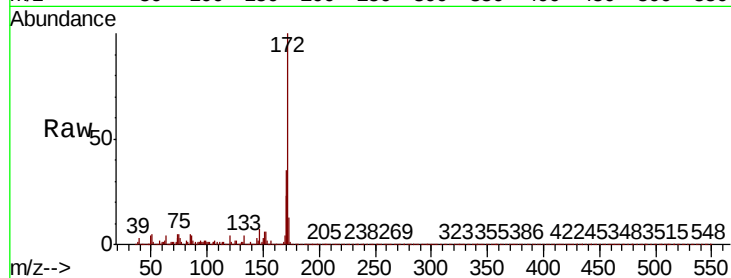
#45
2-Fluorobiphenyl
Concen: 61.864 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.0	18.6	27.8

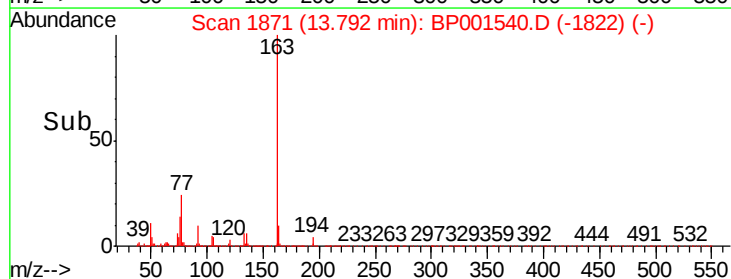
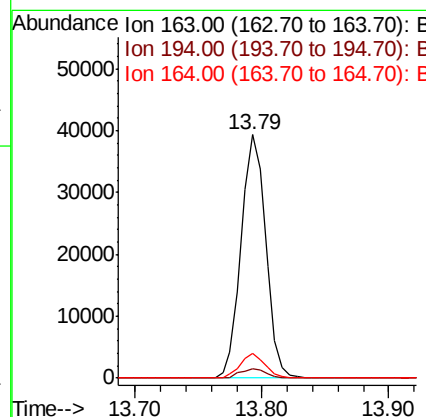
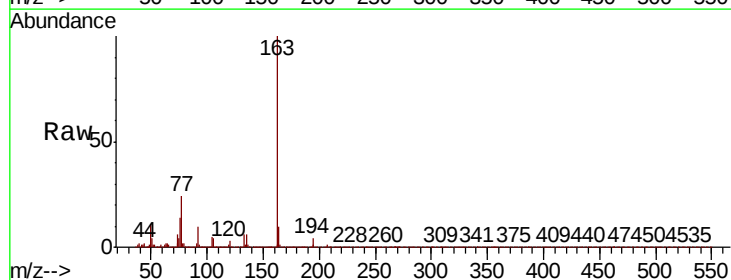
Manual Integrations
APPROVED

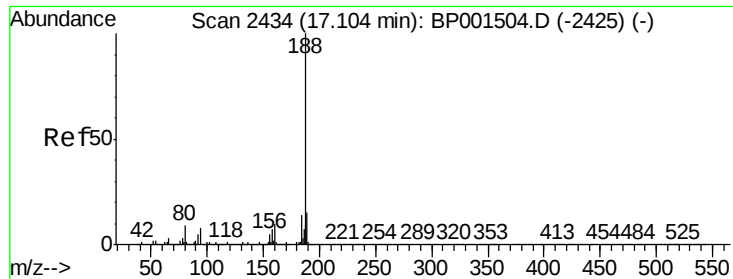
mohammad
1/7/2020 12:31:38 PM



#50
Dimethylphthalate
Concen: 5.135 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.3	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Instrument :

BNA_P

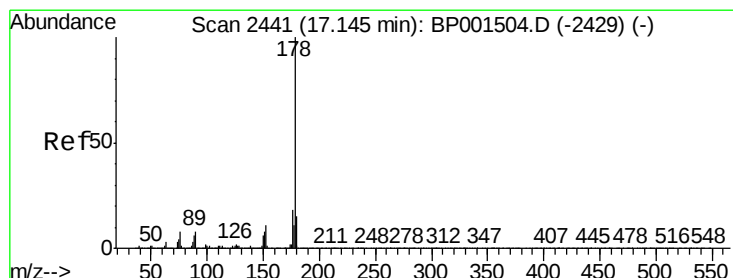
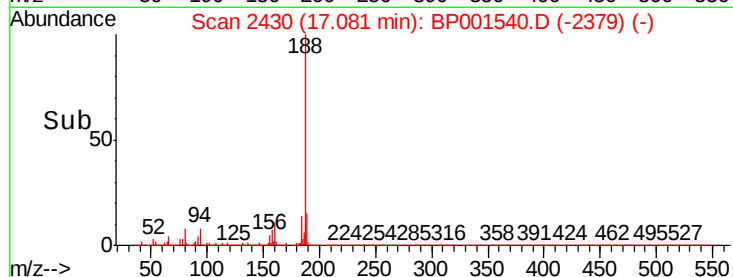
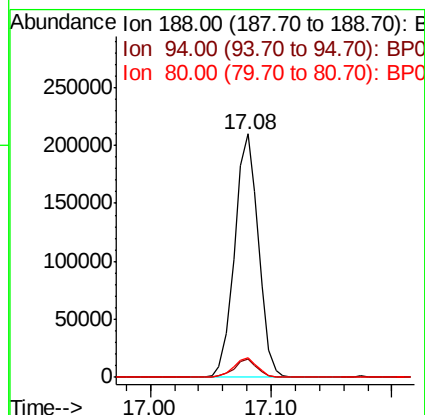
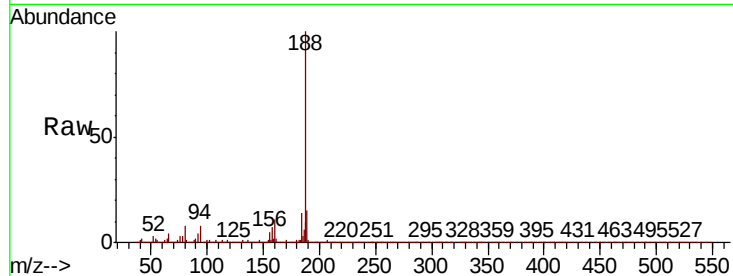
ClientSampleId :

MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	287795		
94	7.5		5.4	8.0
80	7.8		6.3	9.5

Manual Integrations
APPROVED

mohammad
1/7/2020 12:31:38 PM



#71

Phenanthrene

Concen: 2.919 ng

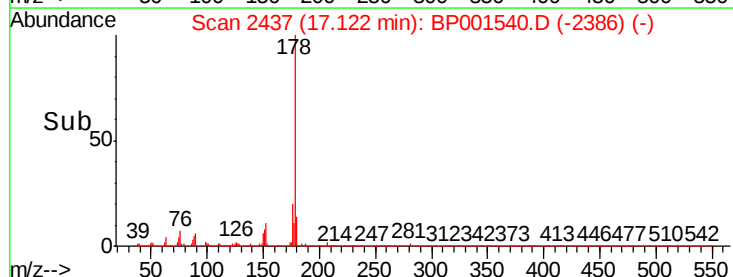
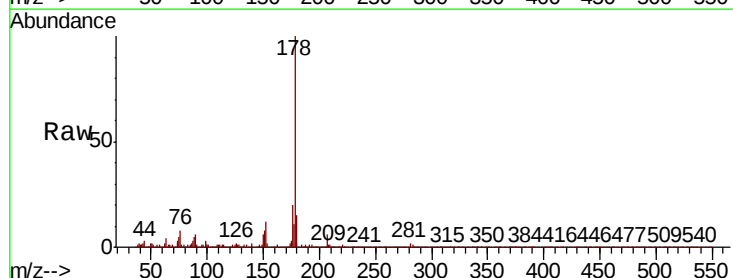
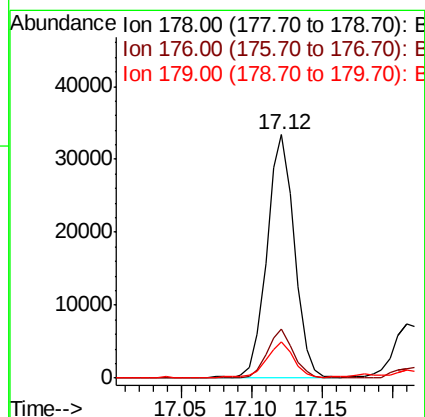
RT: 17.12 min Scan# 2437

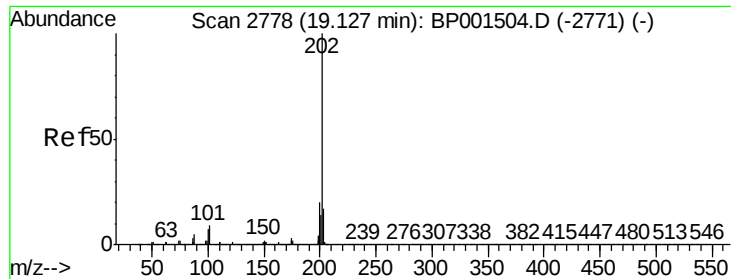
Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45571		
176	19.9		15.1	22.7
179	14.8		12.2	18.4





#75

Fluoranthene

Concen: 5.502 ng

RT: 19.10 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Instrument :

BNA_P

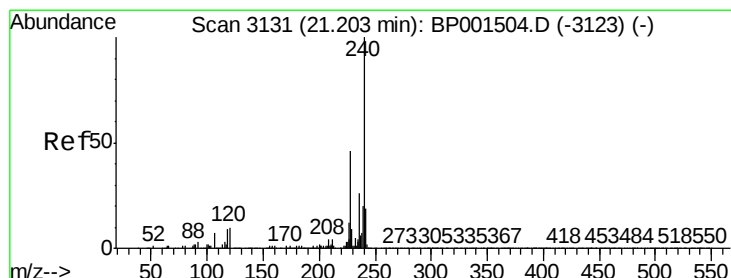
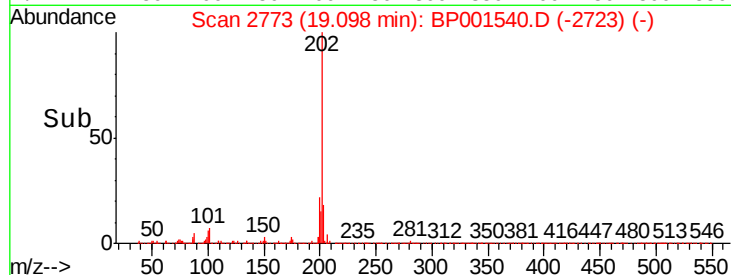
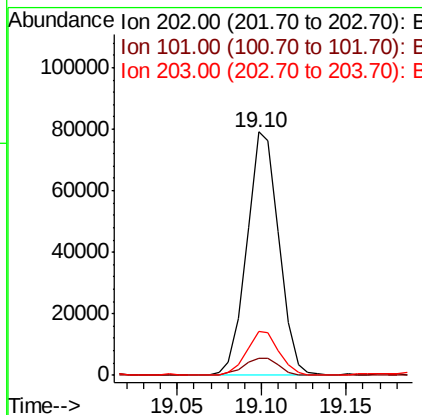
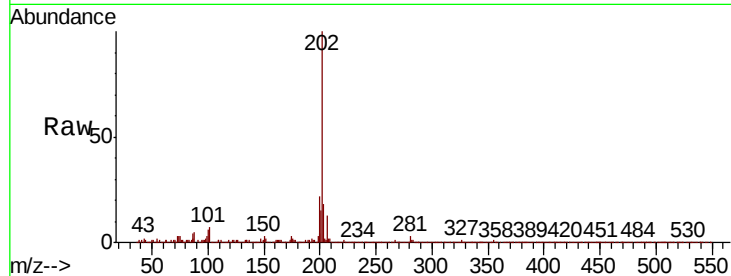
ClientSampleId :

MC-123019-2-5-COMP-B2

Tot Ion:	202	Resp:	103960
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	27.1
203	18.2	0.0	37.6

Manual Integrations
APPROVED

mohammad
1/7/2020 12:31:38 PM



#76

Chrysene-d12

Concen: 20.000 ng

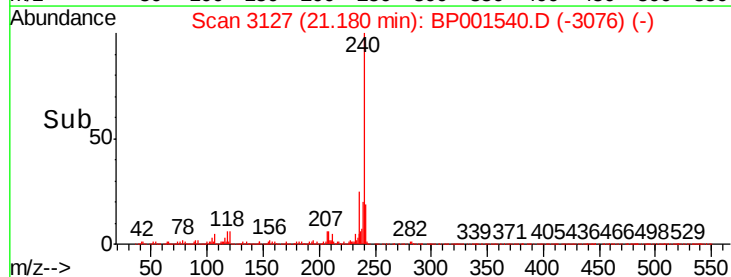
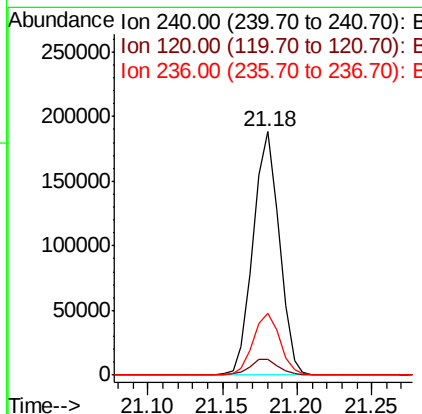
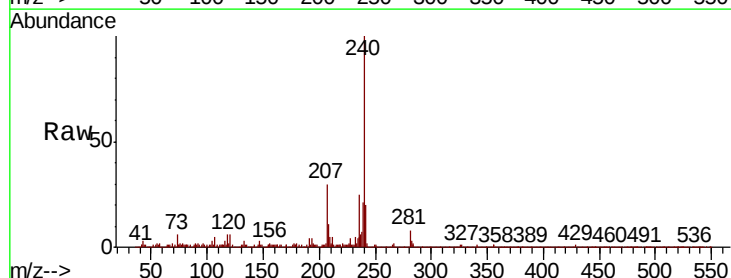
RT: 21.18 min Scan# 3127

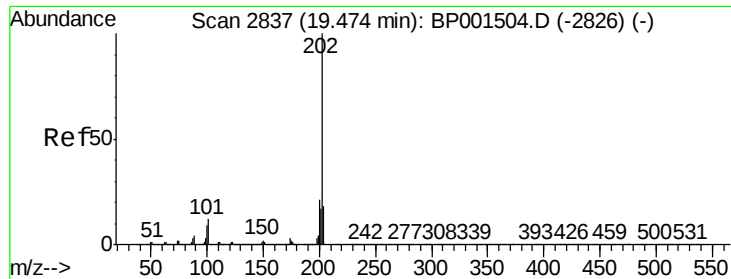
Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Tgt Ion:	240	Resp:	225791
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.2	7.8
236	25.2	21.4	32.2





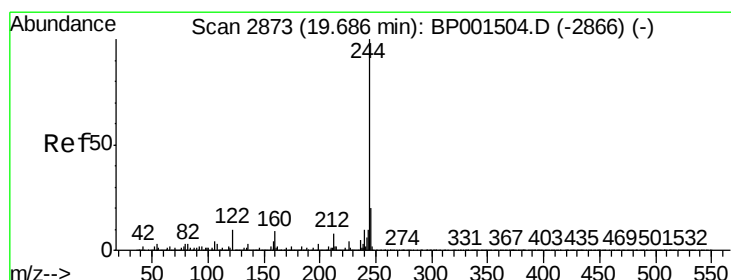
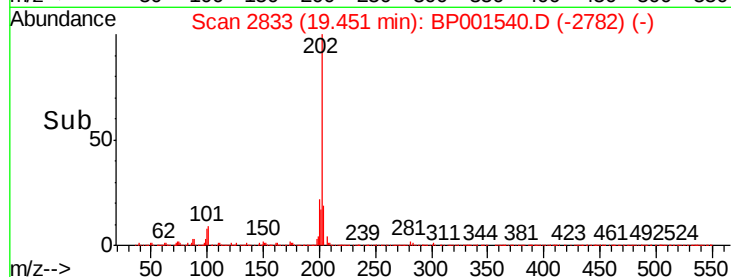
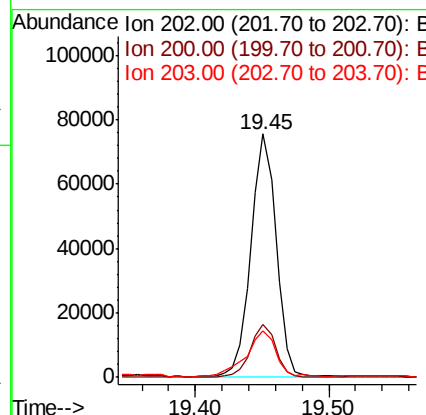
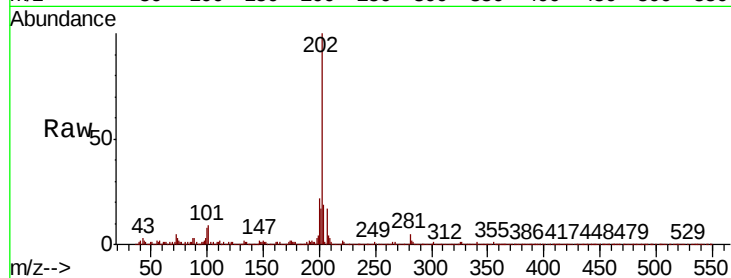
#78
Pvrene
Concen: 5.979 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.2	24.4
203	19.3	13.6	20.4

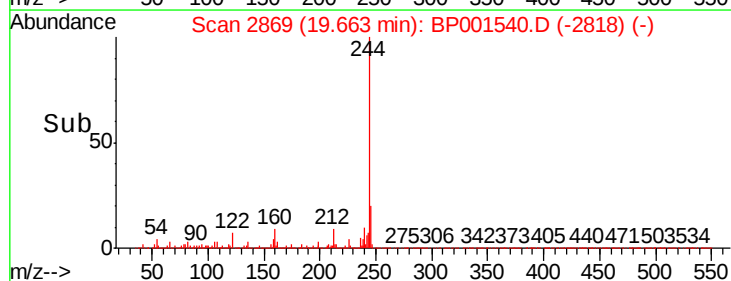
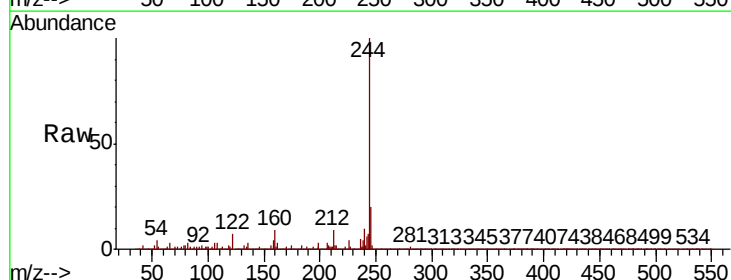
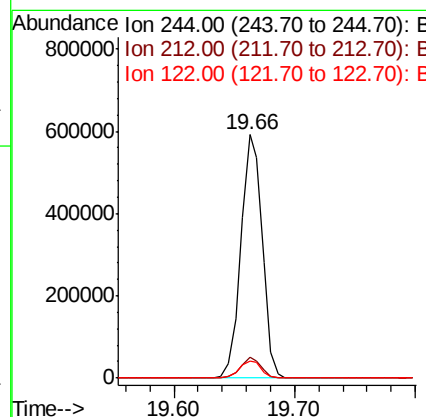
Manual Integrations
APPROVED

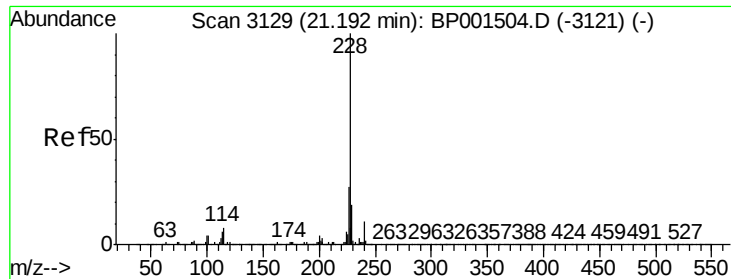
mohammad
1/7/2020 12:31:38 PM



#79
Terphenyl-d14
Concen: 64.295 ng
RT: 19.66 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.7	10.1
122	7.2	6.0	9.0





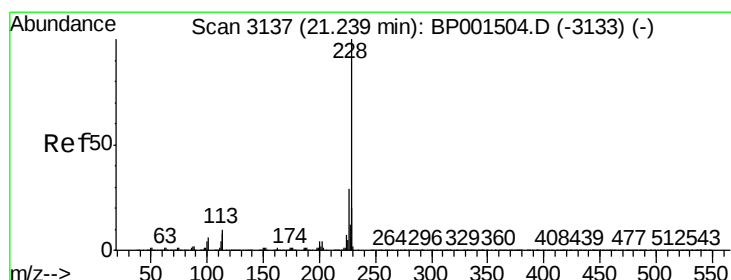
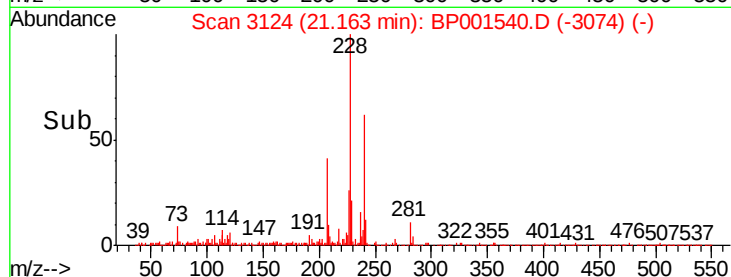
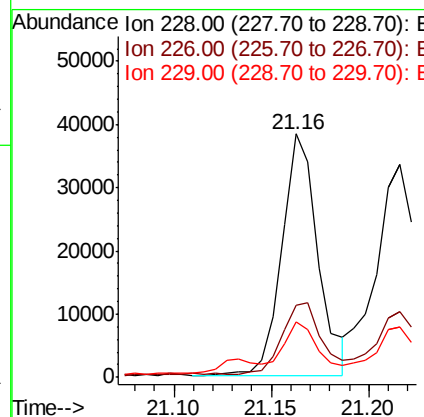
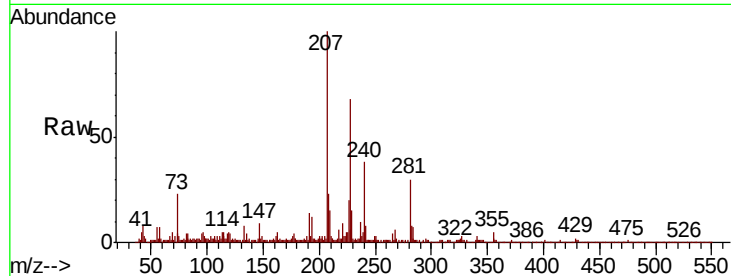
#81
Benzo(a)anthracene
Concen: 3.094 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.4	32.2
229	22.6	15.5	23.3

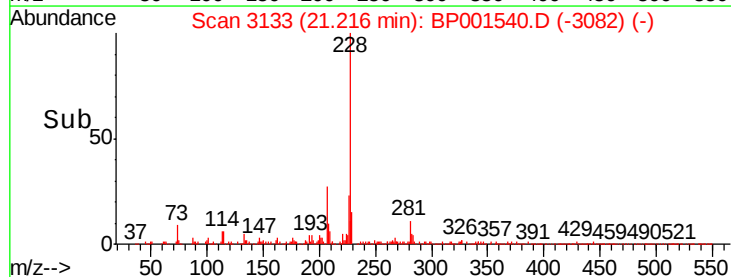
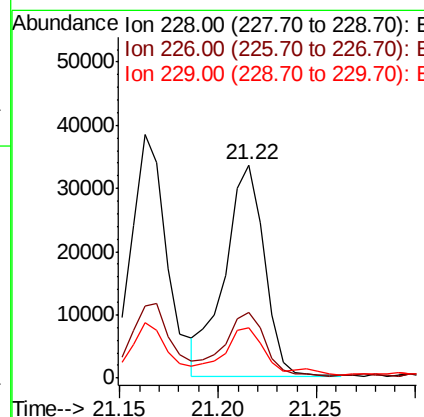
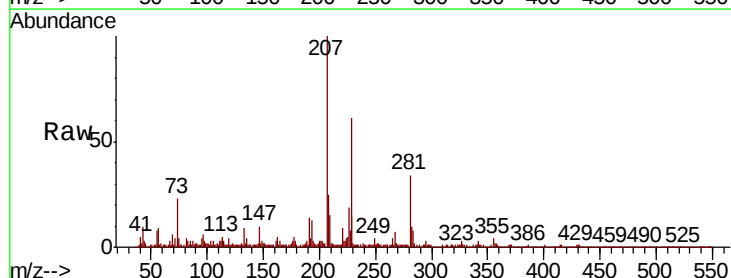
Manual Integrations
APPROVED

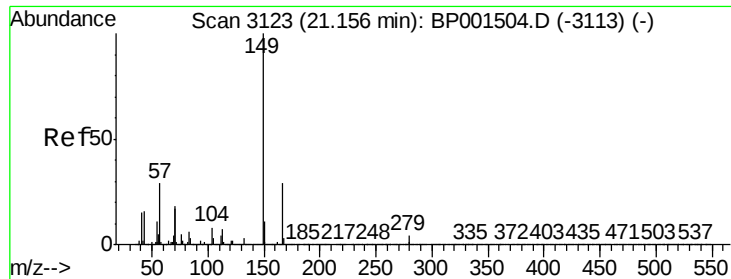
mohammad
1/7/2020 12:31:38 PM



#83
Chrysene
Concen: 3.111 ng m
RT: 21.22 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.1	34.7
229	23.8	15.6	23.4#





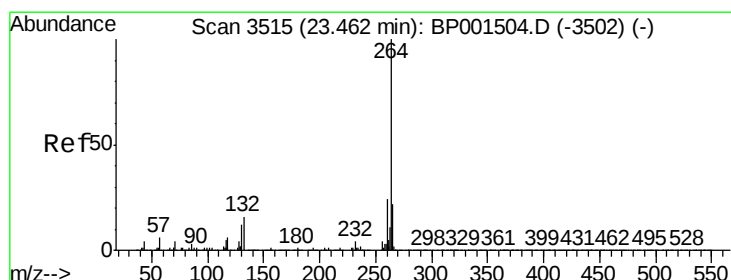
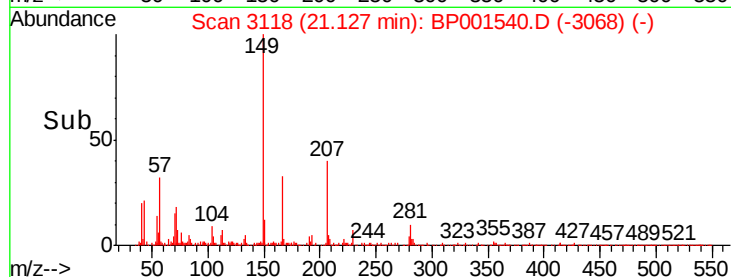
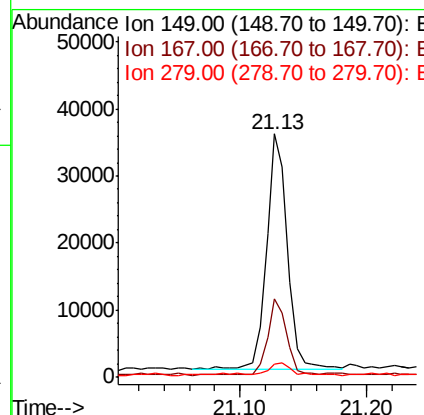
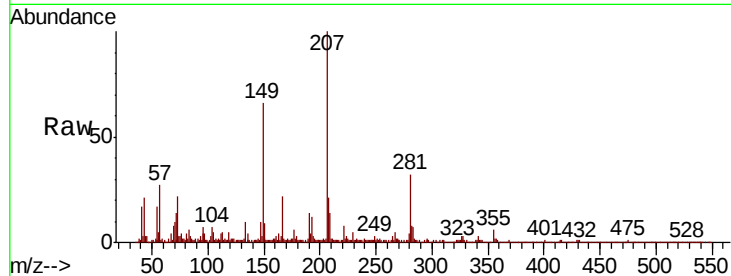
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.896 ng
RT: 21.13 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.4	24.0	36.0
279	5.5	4.2	6.4

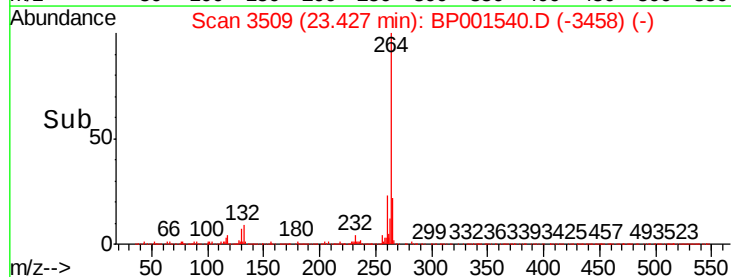
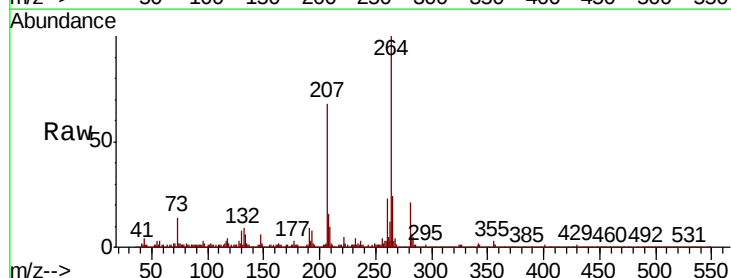
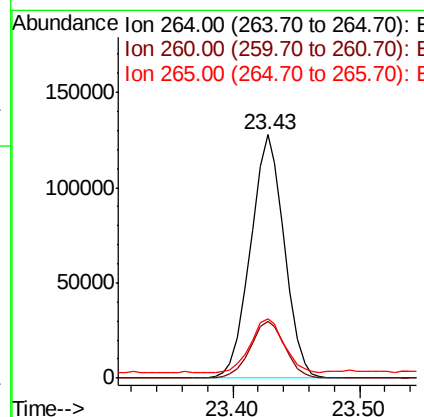
Manual Integrations
APPROVED

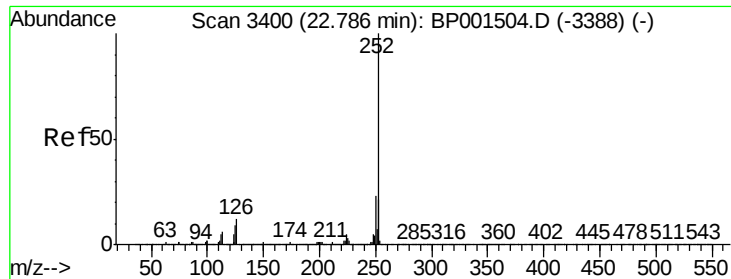
mohammad
1/7/2020 12:31:38 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	24.1	19.0	28.4





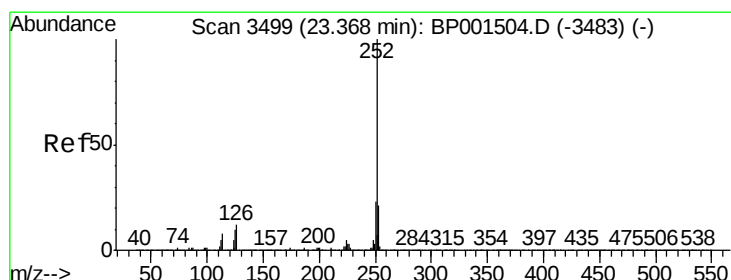
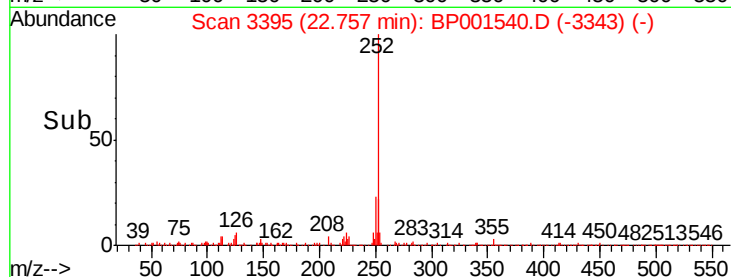
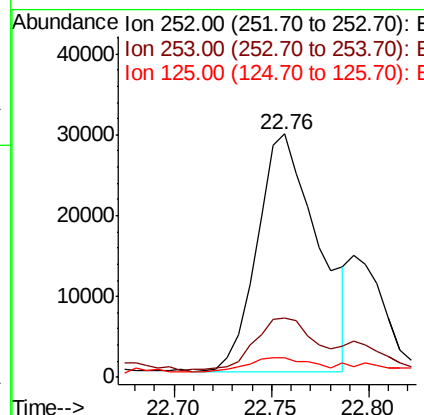
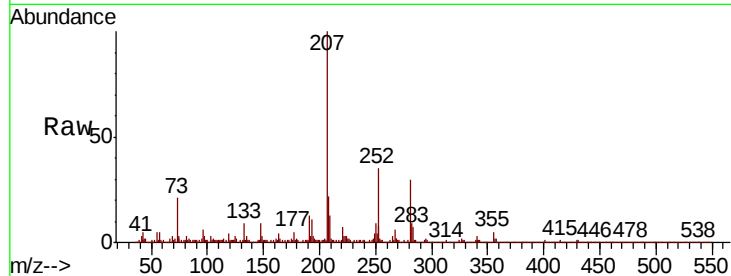
#88
Benzo(b)fluoranthene
Concen: 4.349 ng
RT: 22.76 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.7	25.1
125	8.0	4.2	6.2

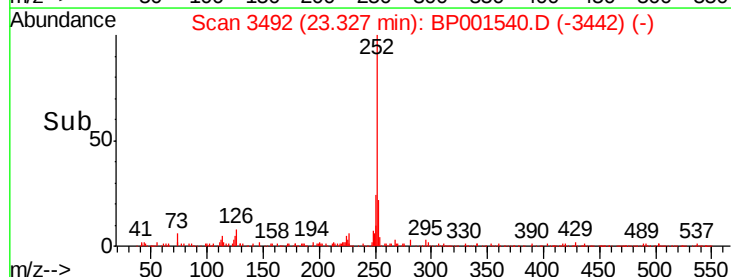
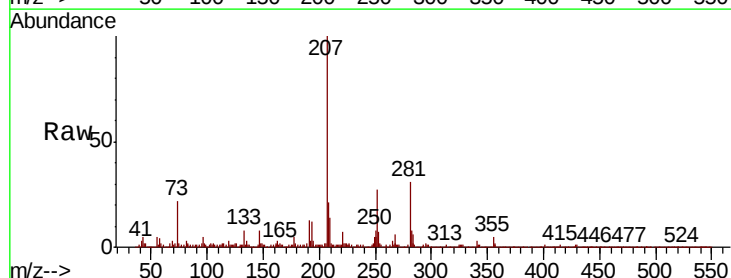
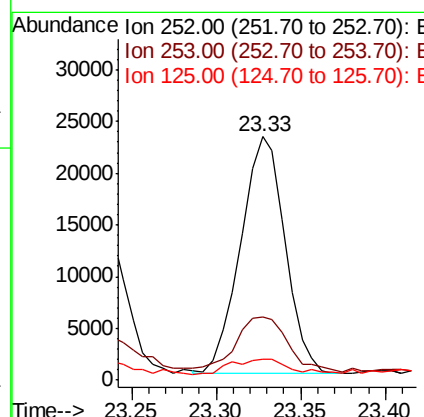
Manual Integrations
APPROVED

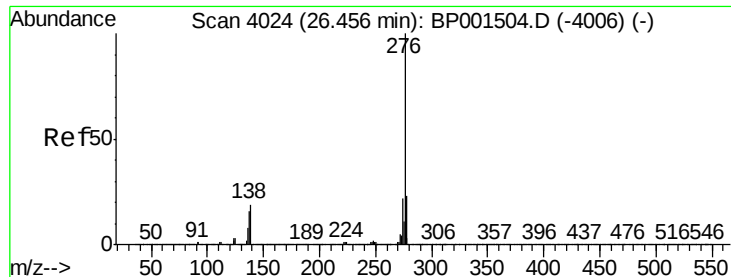
mohammad
1/7/2020 12:31:38 PM



#90
Benzo(a)pyrene
Concen: 3.060 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	8.4	4.6	6.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.284 ng
 RT: 26.38 min Scan# 4011
 Delta R.T. -0.02 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-2-5-COMP-B2

Tot Ion:	276	Resp:	30981
Ion Ratio	Lower	Upper	
276	100		
277	26.3	18.9	28.3
138	13.0	10.1	15.1

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:31:38 PM

