

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003347.D
 Acq On : 22 Sep 2020 19:45
 Operator : CG/JU
 Sample : L3866-06 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-092120

Manual Integrations
 APPROVED

mohammad
 9/23/2020 10:44:08 AM

Quant Time: Sep 23 03:34:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	206936	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	826384	20.00	ng	# 0.00
39) Acenaphthene-d10	14.222	164	496042	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	1014073	20.00	ng	0.00
76) Chrysene-d12	21.075	240	729311	20.00	ng	0.00
86) Perylene-d12	23.269	264	721873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	516354	43.57	ng	0.00
7) Phenol-d6	6.769	99	657447	41.62	ng	0.00
23) Nitrobenzene-d5	8.716	82	428852	30.49	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	253151	33.46	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	1007466	29.70	ng	0.00
79) Terphenyl-d14	19.557	244	1204650	34.42	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.940	152	121077	2.59	ng	98
50) Dimethylphthalate	13.681	163	119456	3.02	ng	99
52) Acenaphthene	14.287	154	57324	2.01	ng	98
58) Fluorene	15.275	166	117296	3.27	ng	98
71) Phenanthrene	17.016	178	1998455	36.22	ng	99
72) Anthracene	17.110	178	442055	8.13	ng	99
73) Carbazole	17.381	167	347091	6.72	ng	99
75) Fluoranthene	19.004	202	3592983	51.79	ng	99
78) Pyrene	19.357	202	2904657	63.86	ng	99
81) Benzo(a)anthracene	21.063	228	1311857	27.83	ng	98
83) Chrysene	21.110	228	1382648	30.53	ng	97
87) Indeno(1,2,3-cd)pyrene	25.504	276	806668	14.74	ng	# 95
88) Benzo(b)fluoranthene	22.616	252	1624607m	35.64	ng	
89) Benzo(k)fluoranthene	22.651	252	596161m	13.65	ng	
90) Benzo(a)pyrene	23.174	252	1138740	26.49	ng	97
91) Dibenzo(a,h)anthracene	25.504	278	208081m	4.61	ng	
92) Benzo(g,h,i)perylene	26.180	276	796933	17.68	ng	98

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

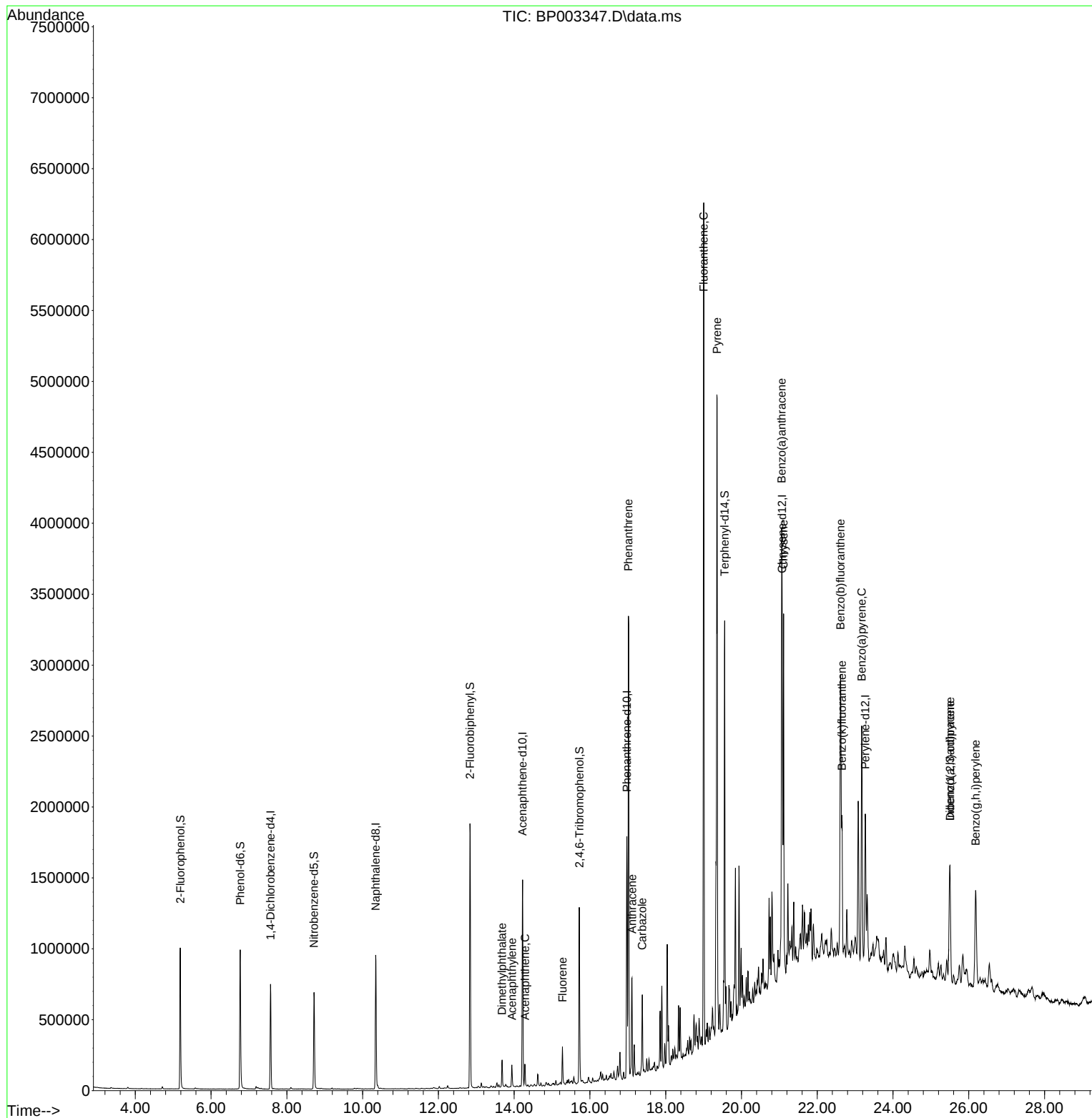
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003347.D
Acq On : 22 Sep 2020 19:45
Operator : CG/JU
Sample : L3866-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

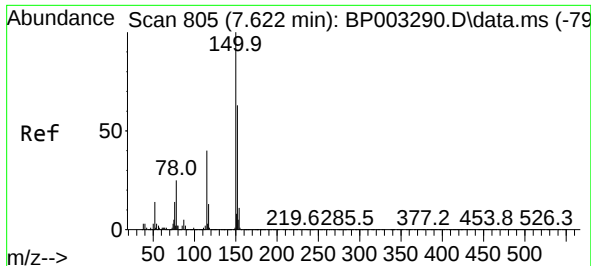
Instrument :
BNA_P
ClientSampleId :
OK-01-092120

Manual Integrations
APPROVED

mohammad
9/23/2020 10:44:08 AM

Quant Time: Sep 23 03:34:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration





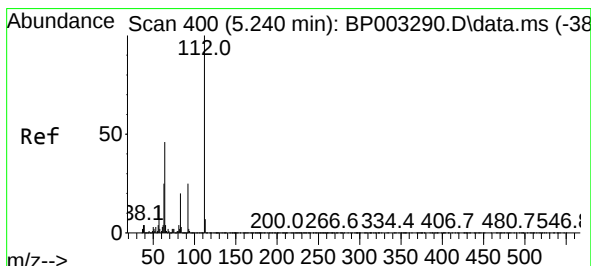
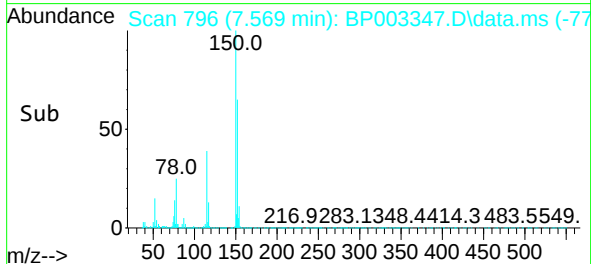
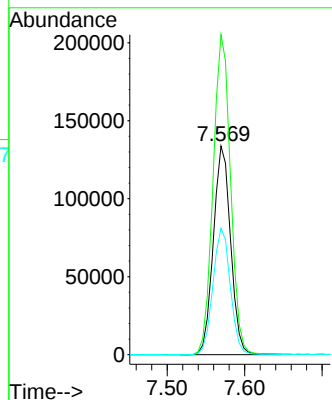
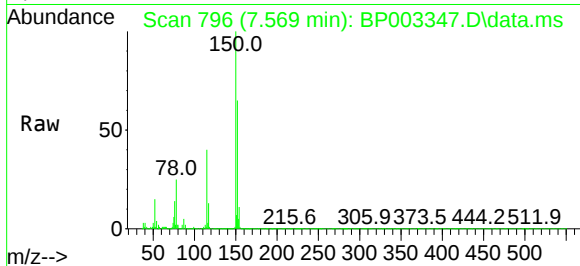
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

Tgt Ion:152 Resp: 206936
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 60.6 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
OK-01-092120

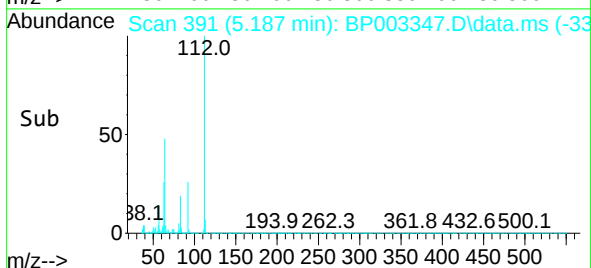
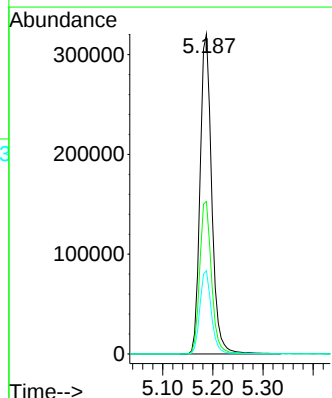
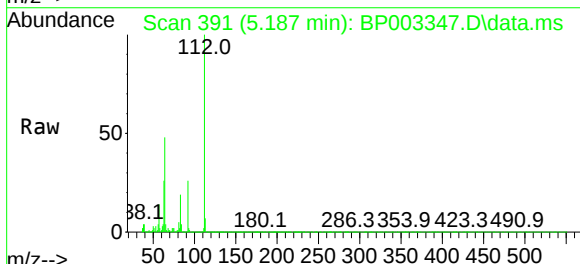
Manual Integrations
APPROVED

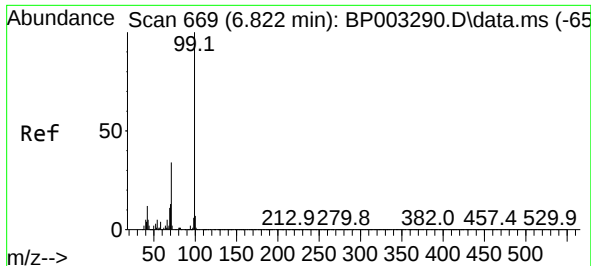
mohammad
9/23/2020 10:44:08 AM



#5
2-Fluorophenol
Concen: 43.57 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

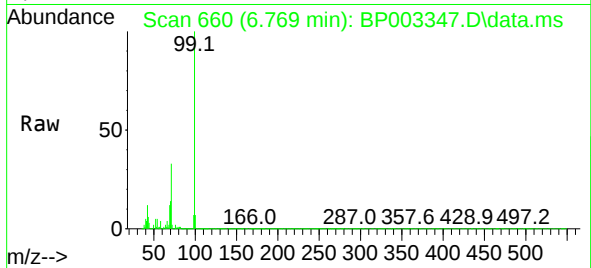
Tgt Ion:112 Resp: 516354
Ion Ratio Lower Upper
112 100
64 47.7 32.8 49.2
63 26.0 17.0 25.4#





#7
Phenol-d6
Concen: 41.62 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

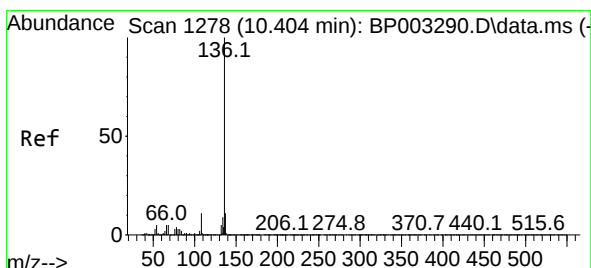
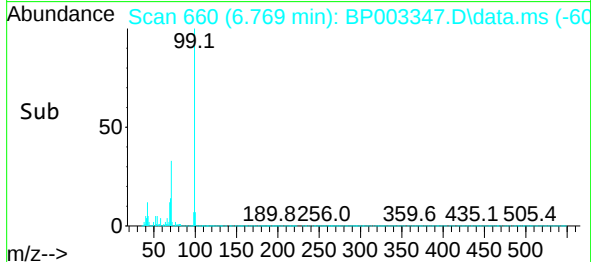
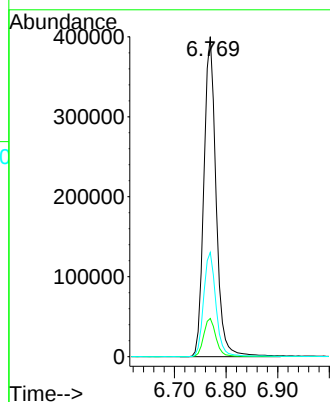
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



Tgt Ion: 99 Resp: 657447
Ion Ratio Lower Upper
99 100
42 11.9 8.6 13.0
71 32.6 23.4 35.2

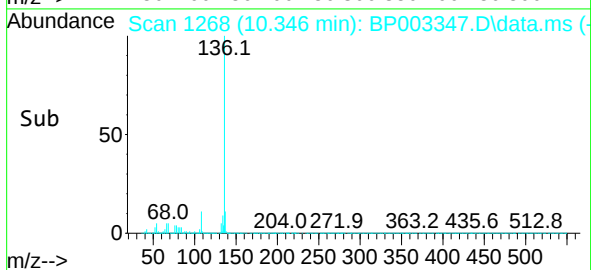
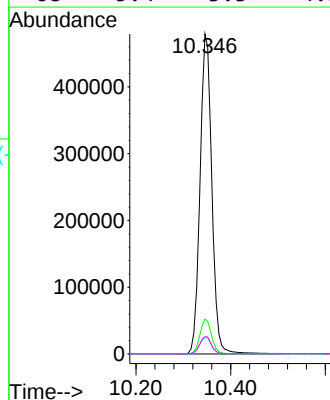
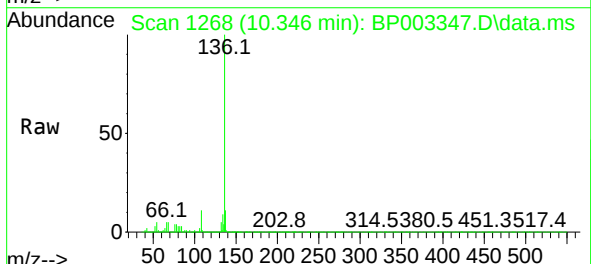
Manual Integrations
APPROVED

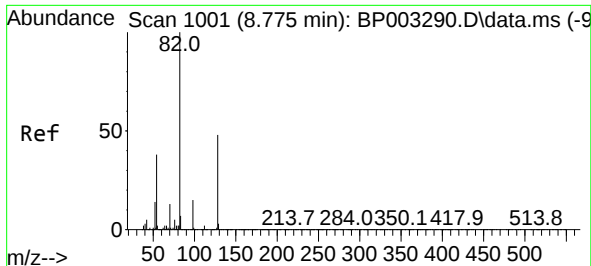
mohammad
9/23/2020 10:44:08 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

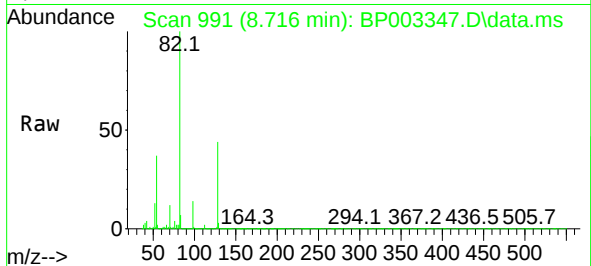
Tgt Ion: 136 Resp: 826384
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.1 3.6 5.4
68 5.4 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 30.49 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

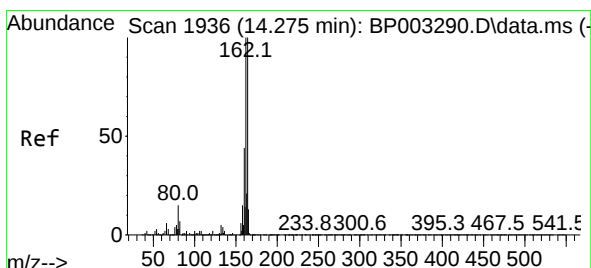
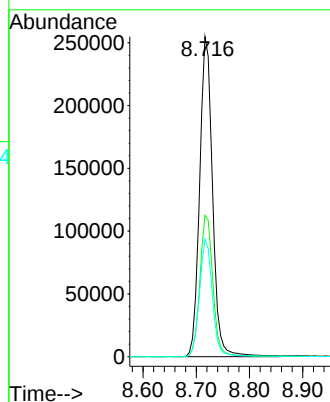
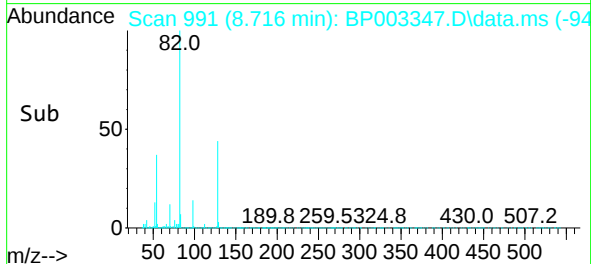
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



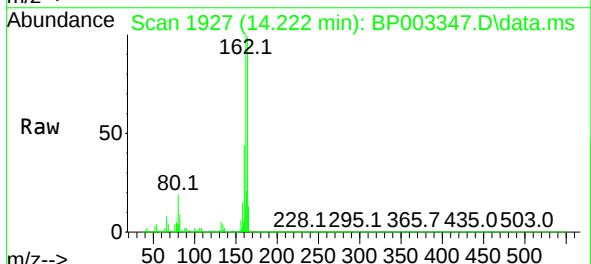
Tgt Ion: 82 Resp: 428852
Ion Ratio Lower Upper
82 100
128 44.1 45.6 68.4#
54 36.7 30.1 45.1

Manual Integrations
APPROVED

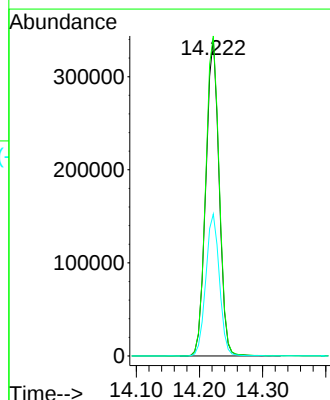
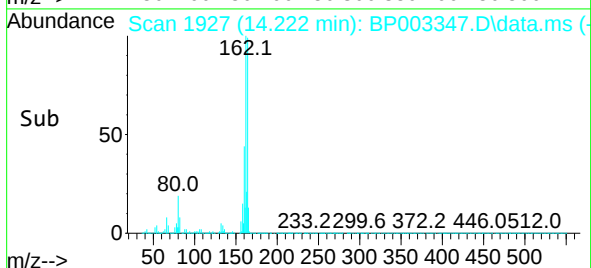
mohammad
9/23/2020 10:44:08 AM

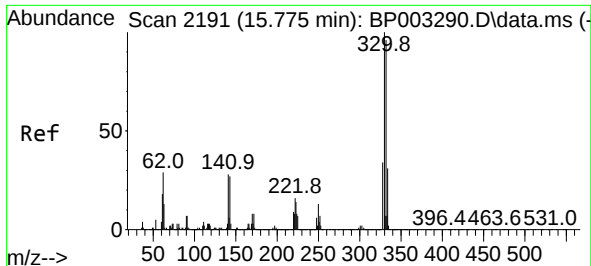


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.222 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



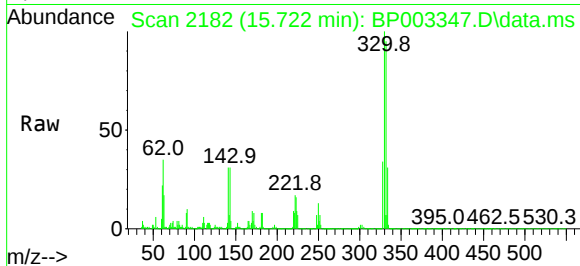
Tgt Ion: 164 Resp: 496042
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 44.7 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 33.46 ng
RT: 15.722 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

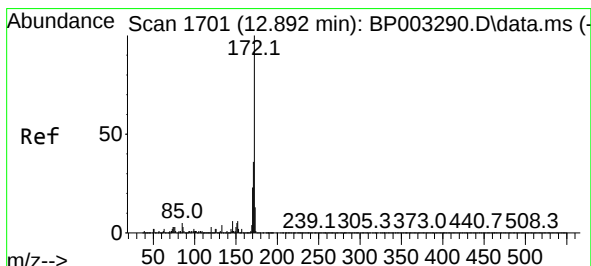
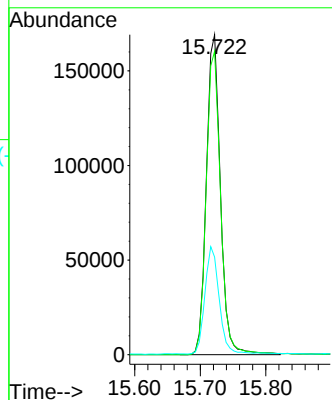
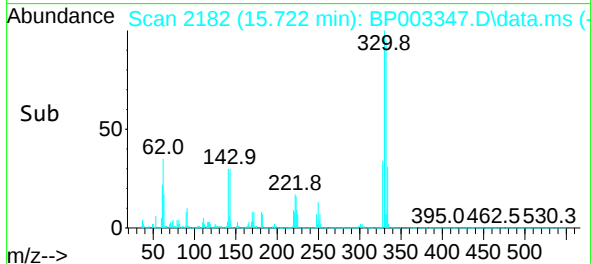
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



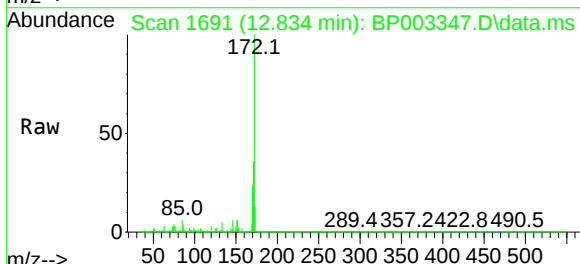
Tgt Ion:330 Resp: 253151
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 33.8 23.4 35.2

Manual Integrations
APPROVED

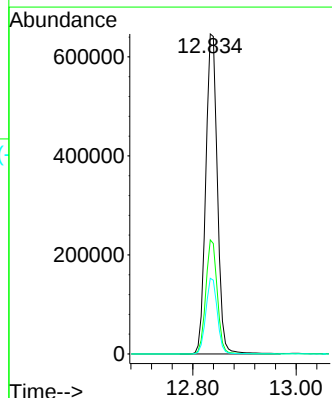
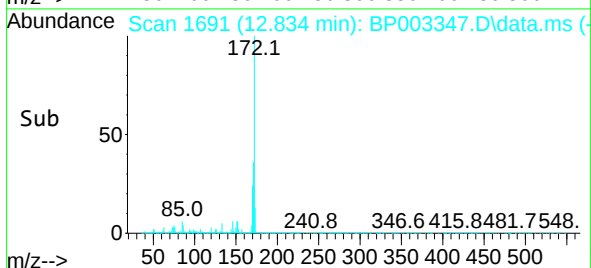
mohammad
9/23/2020 10:44:08 AM

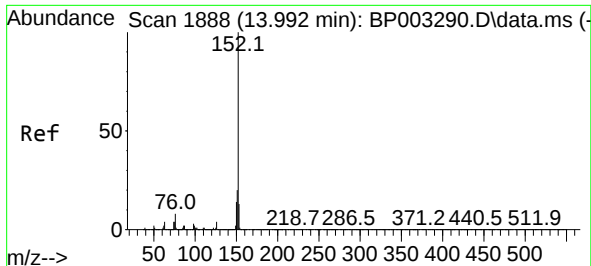


#45
2-Fluorobiphenyl
Concen: 29.70 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



Tgt Ion:172 Resp: 1007466
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 19.2 28.8





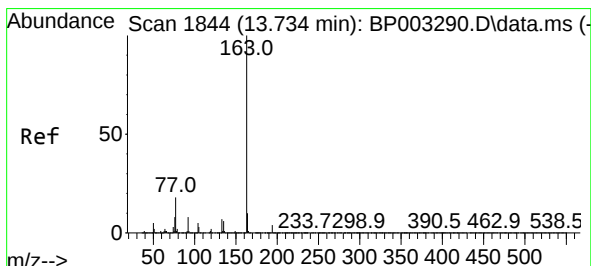
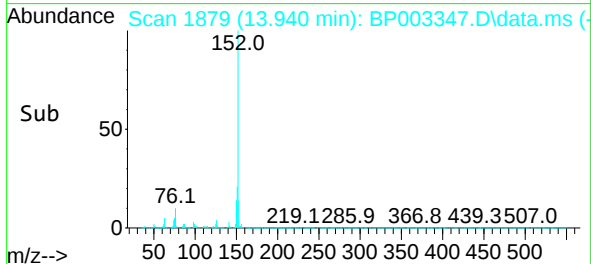
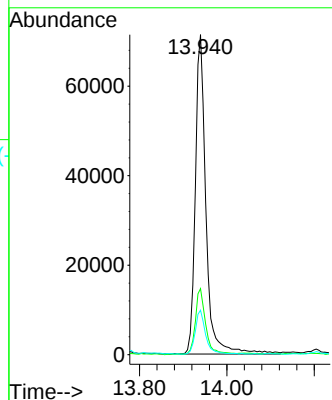
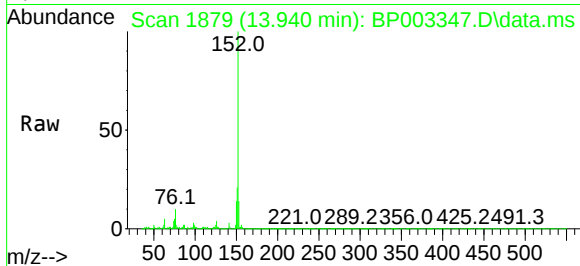
#49
Acenaphthylene
Concen: 2.59 ng
RT: 13.940 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

Tgt Ion:152 Resp: 121077
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.9 10.5 15.7

Instrument :
BNA_P
ClientSampleId :
OK-01-092120

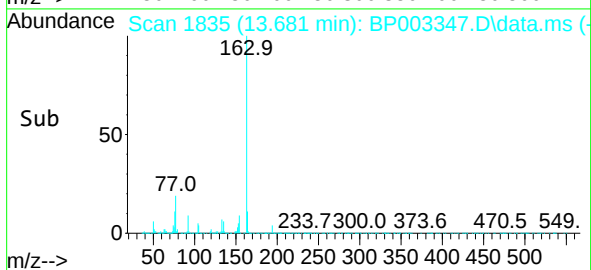
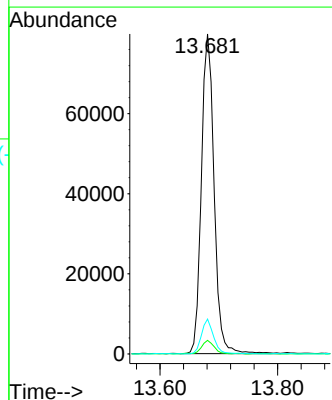
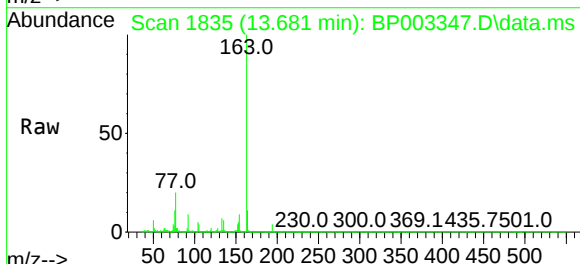
Manual Integrations
APPROVED

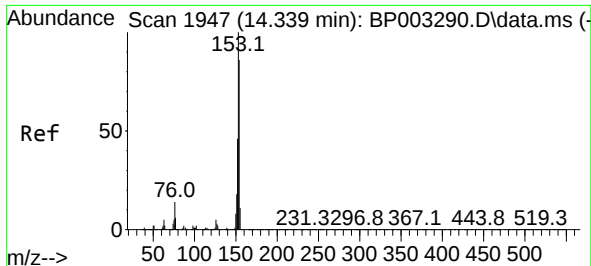
mohammad
9/23/2020 10:44:08 AM



#50
Dimethylphthalate
Concen: 3.02 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

Tgt Ion:163 Resp: 119456
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.9 8.2 12.2





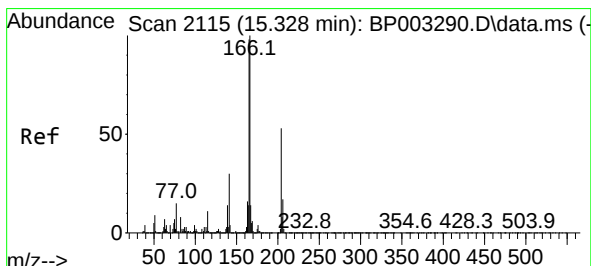
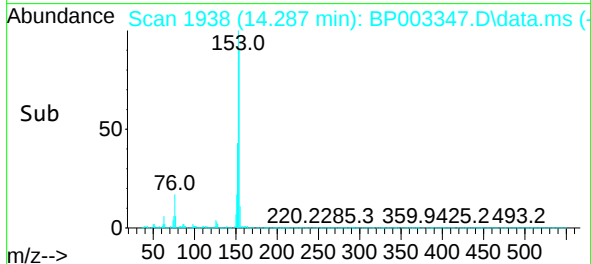
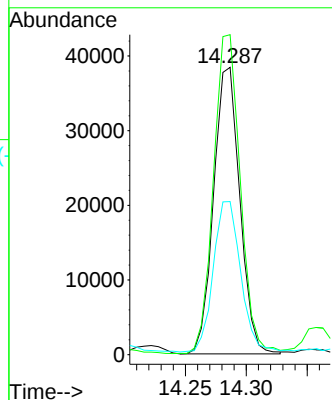
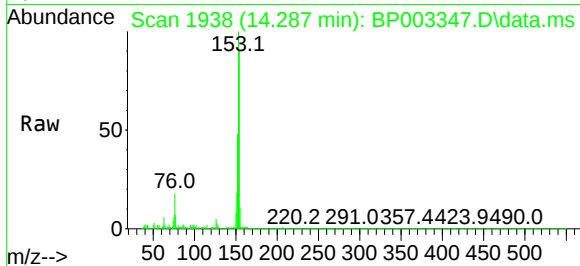
#52
Acenaphthene
Concen: 2.01 ng
RT: 14.287 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

Tgt Ion:	154	Resp:	57324
Ion Ratio	Lower	Upper	
154	100		
153	111.4	91.0	136.6
152	53.3	43.0	64.6

Instrument :
BNA_P
ClientSampleId :
OK-01-092120

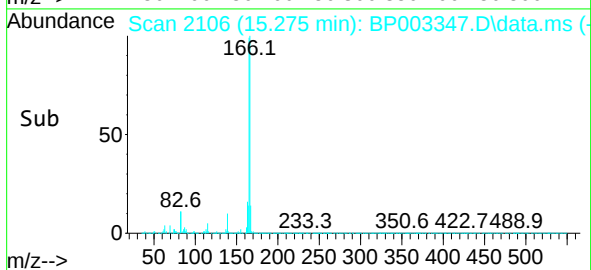
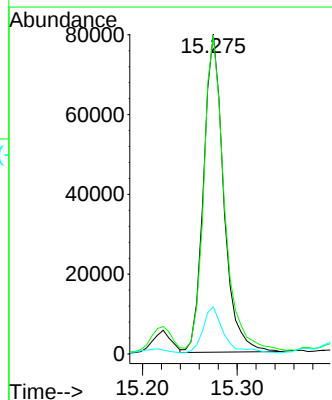
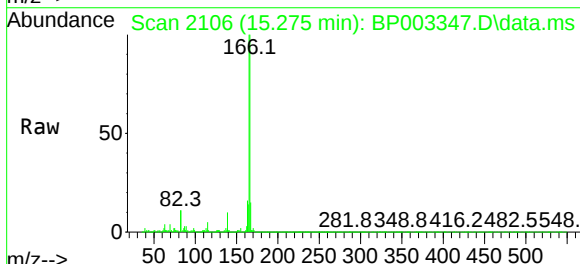
Manual Integrations
APPROVED

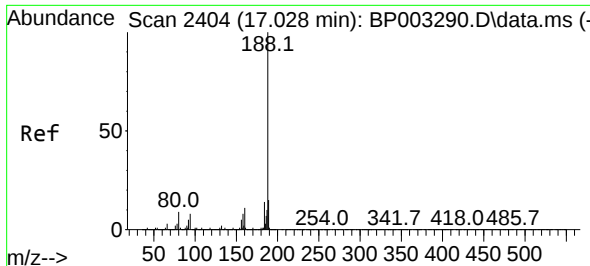
mohammad
9/23/2020 10:44:08 AM



#58
Fluorene
Concen: 3.27 ng
RT: 15.275 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

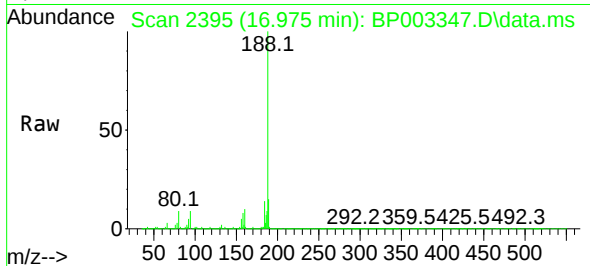
Tgt Ion:	166	Resp:	117296
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.8	116.8
167	14.7	11.0	16.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

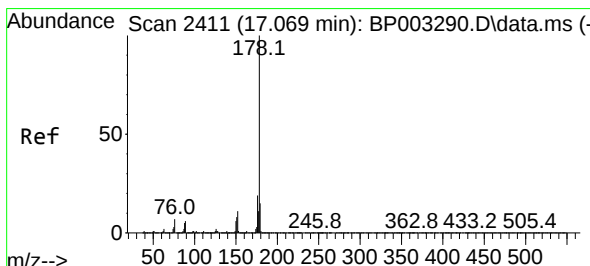
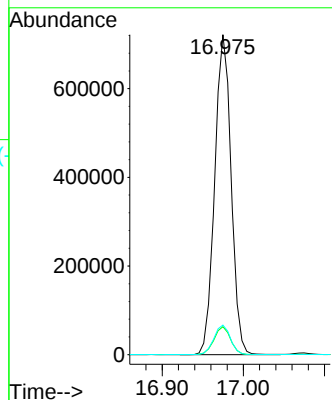
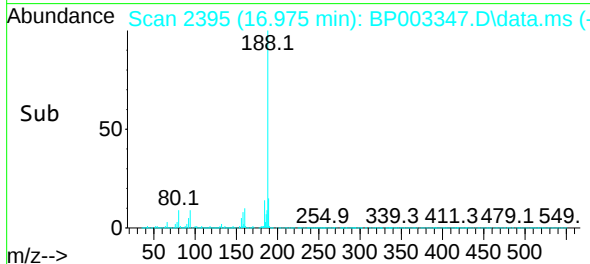
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



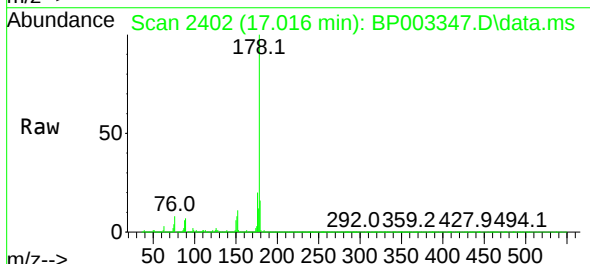
Tgt Ion:188 Resp: 1014073
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.2 6.2 9.2

Manual Integrations
APPROVED

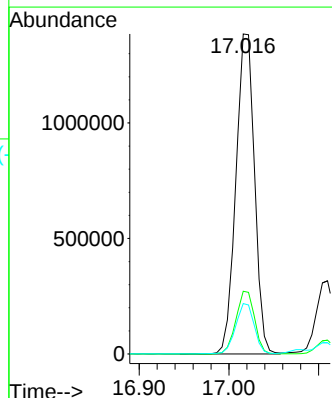
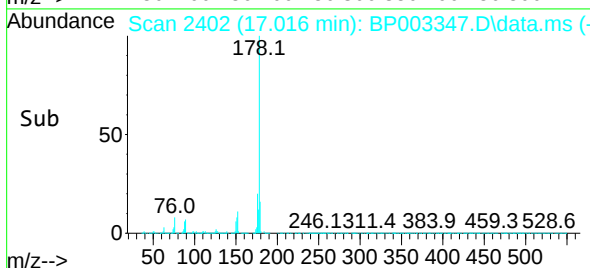
mohammad
9/23/2020 10:44:08 AM

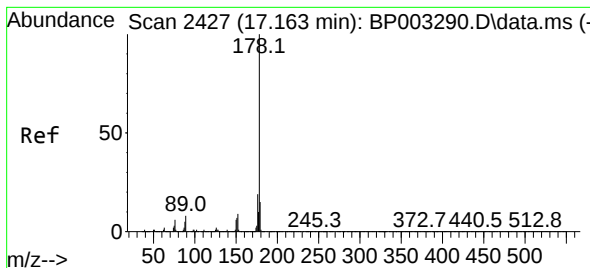


#71
Phenanthrene
Concen: 36.22 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



Tgt Ion:178 Resp: 1998455
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.5 18.7





#72

Anthracene

Concen: 8.13 ng

RT: 17.110 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP003347.D

Acq: 22 Sep 2020 19:45

Tgt Ion:	178	Resp:	442055
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.4
179	15.3	12.5	18.7

Instrument :

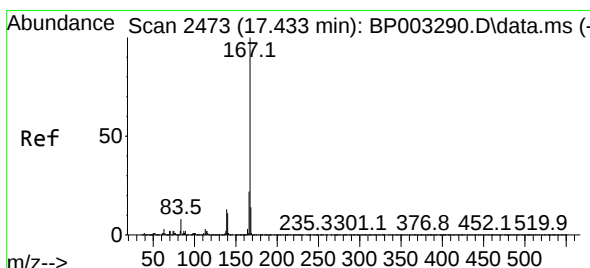
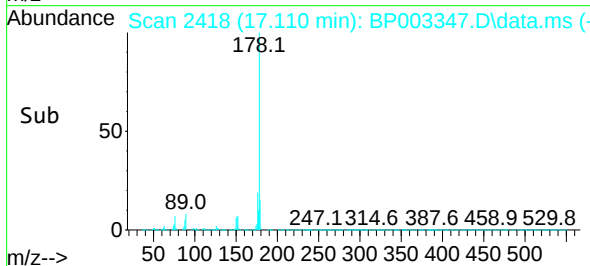
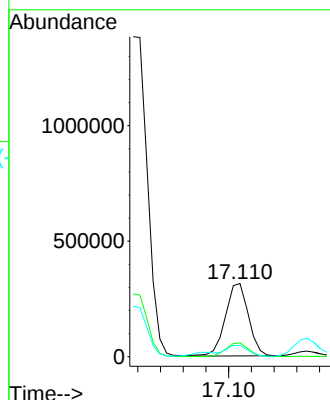
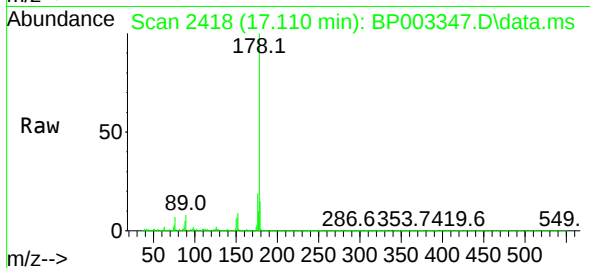
BNA_P

ClientSampleId :

OK-01-092120

Manual Integrations
APPROVED

mohammad
9/23/2020 10:44:08 AM



#73

Carbazole

Concen: 6.72 ng

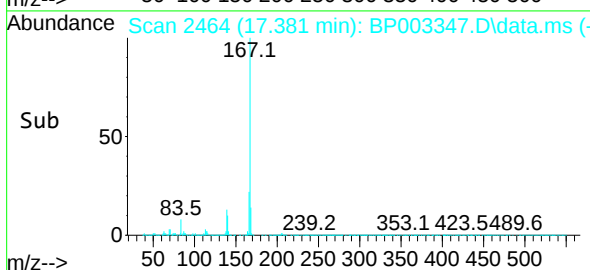
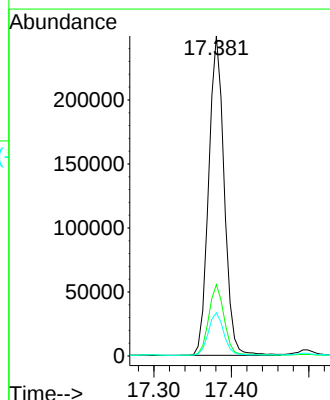
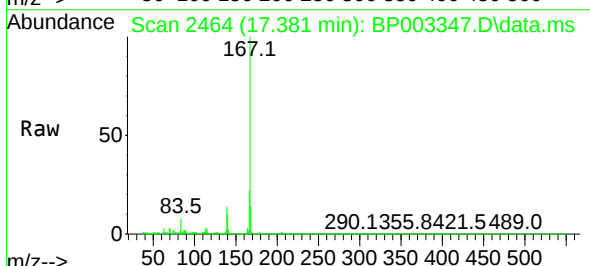
RT: 17.381 min Scan# 2464

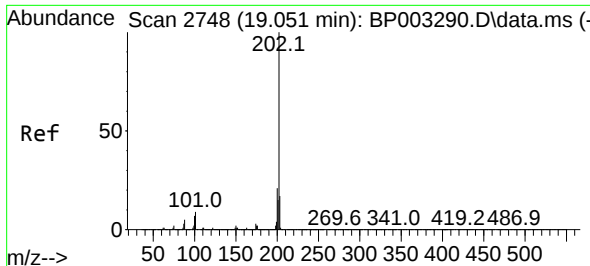
Delta R.T. 0.000 min

Lab File: BP003347.D

Acq: 22 Sep 2020 19:45

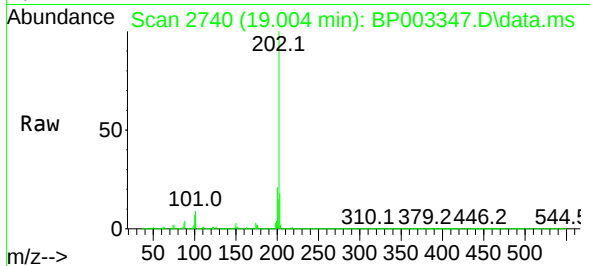
Tgt Ion:	167	Resp:	347091
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.6	26.4
139	13.5	10.2	15.4





#75
Fluoranthene
Concen: 51.79 ng
RT: 19.004 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

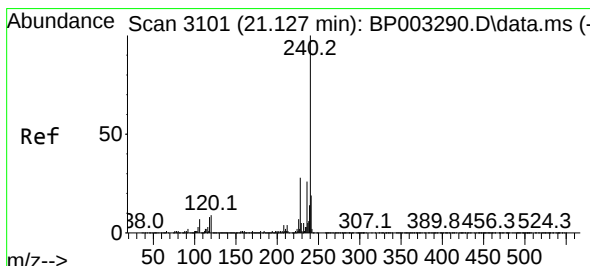
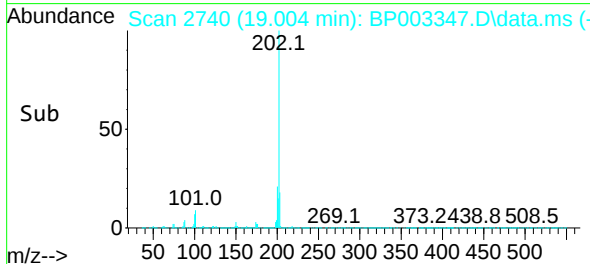
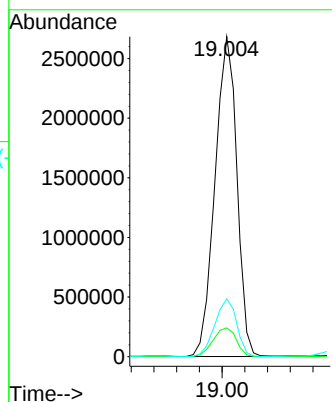
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



Tgt Ion:202 Resp: 3592983
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.4
203 18.1 0.0 37.8

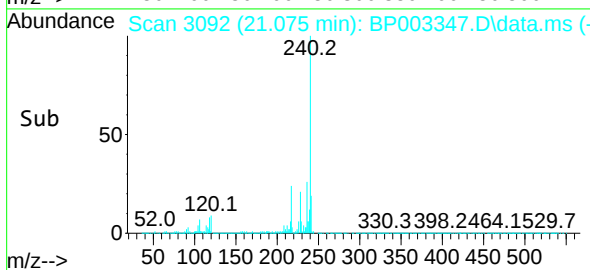
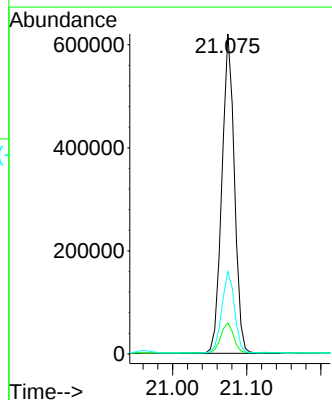
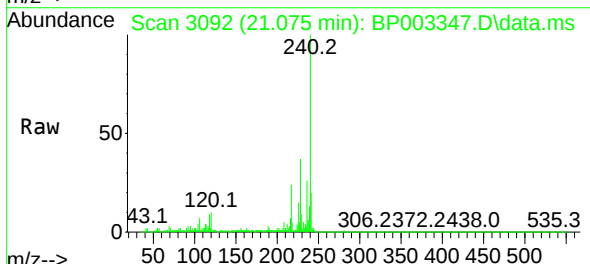
Manual Integrations
APPROVED

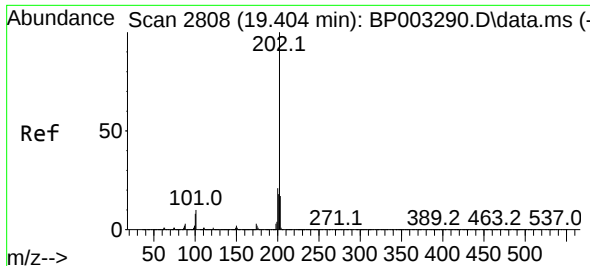
mohammad
9/23/2020 10:44:08 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.075 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

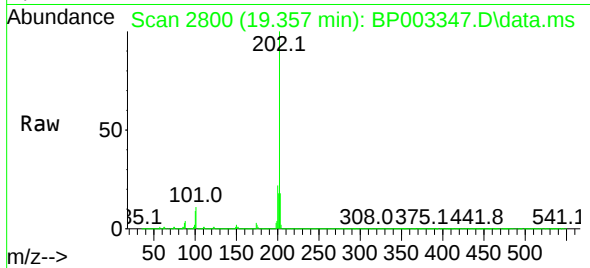
Tgt Ion:240 Resp: 729311
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.7 20.8 31.2





#78
Pyrene
Concen: 63.86 ng
RT: 19.357 min Scan# 2800
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

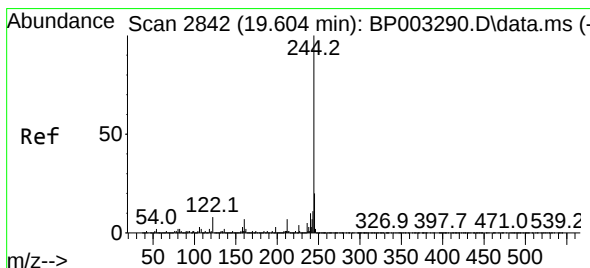
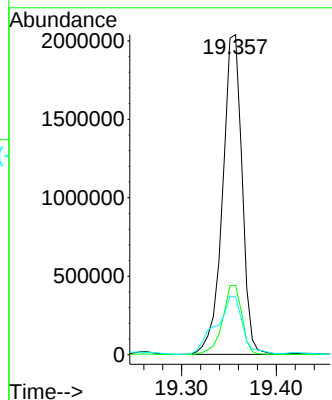
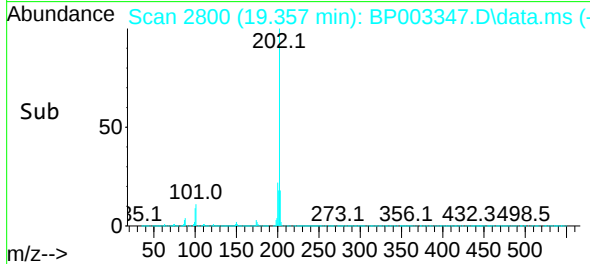
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



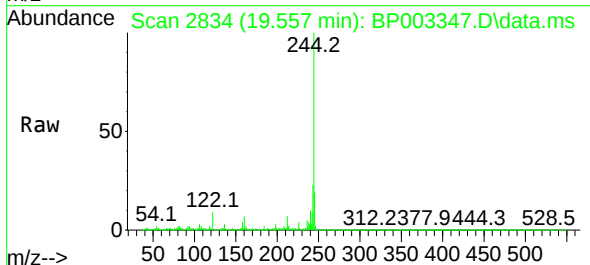
Tgt Ion:202 Resp: 2904657
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 18.1 14.2 21.2

Manual Integrations
APPROVED

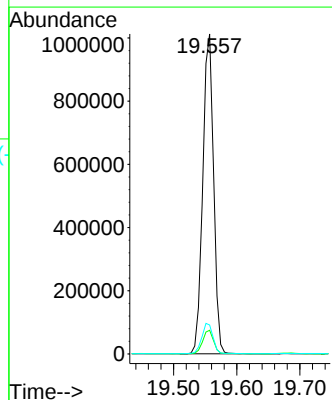
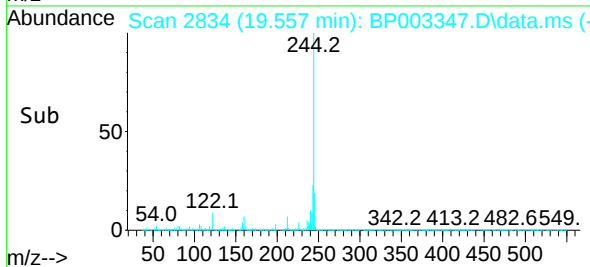
mohammad
9/23/2020 10:44:08 AM

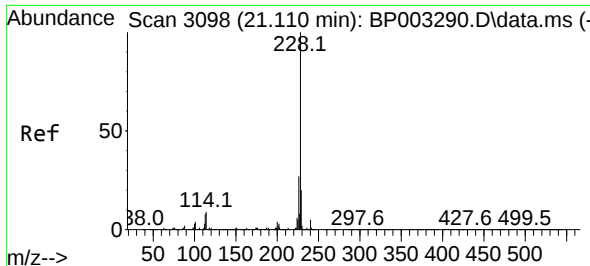


#79
Terphenyl-d14
Concen: 34.42 ng
RT: 19.557 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



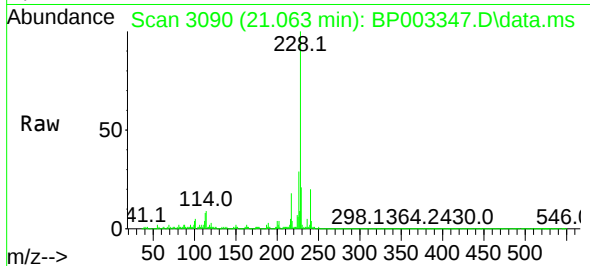
Tgt Ion:244 Resp: 1204650
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.0 7.8 11.8





#81
Benzo(a)anthracene
Concen: 27.83 ng
RT: 21.063 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

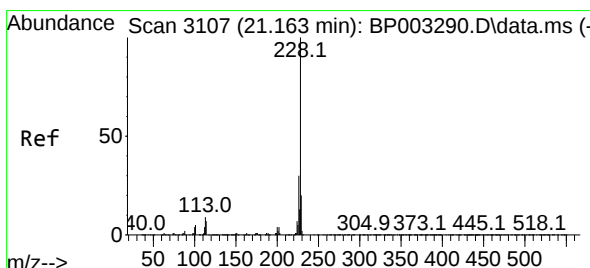
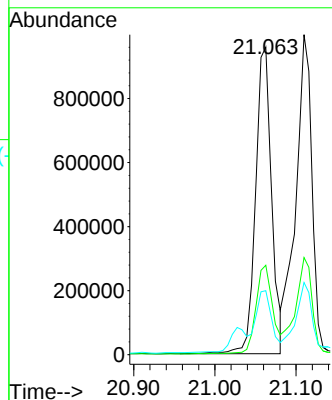
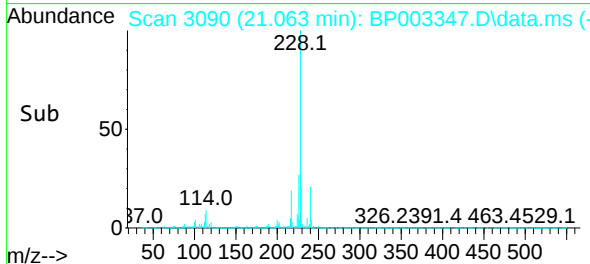
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



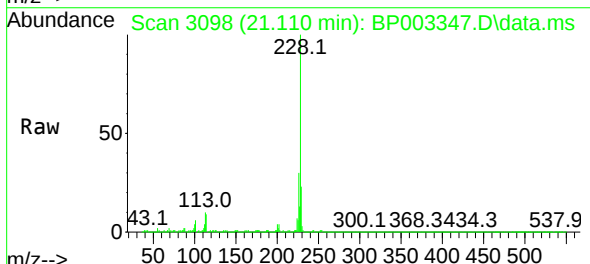
Tgt Ion:228 Resp: 1311857
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 20.8 15.9 23.9

Manual Integrations
APPROVED

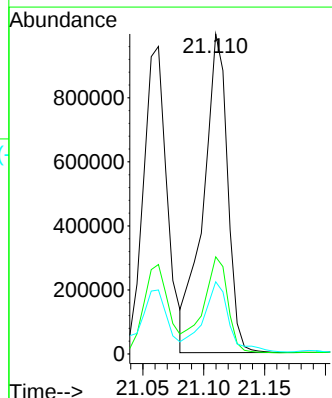
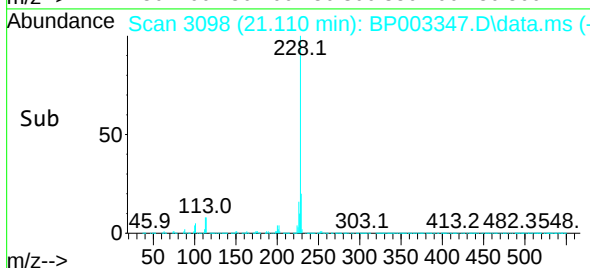
mohammad
9/23/2020 10:44:08 AM

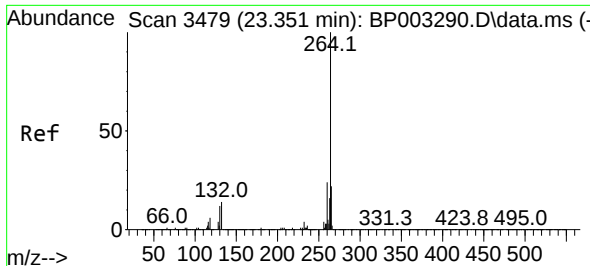


#83
Chrysene
Concen: 30.53 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



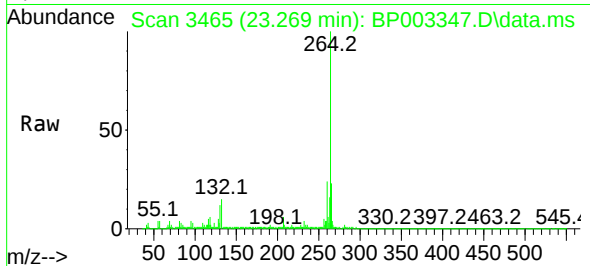
Tgt Ion:228 Resp: 1382648
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.6 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.269 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

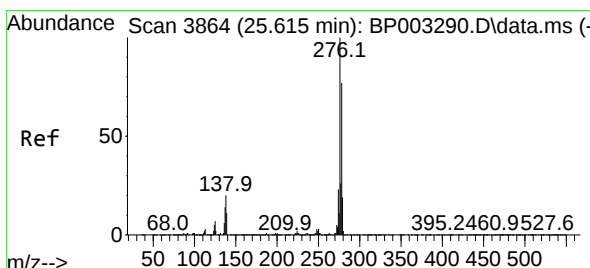
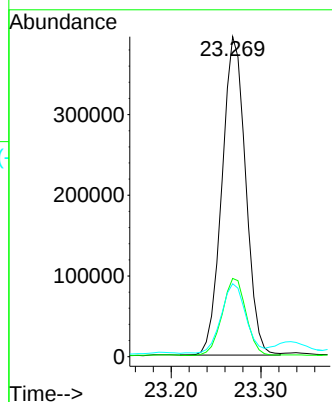
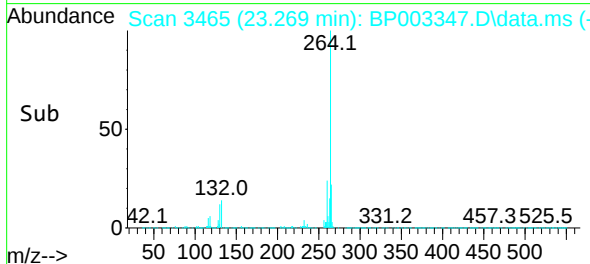
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



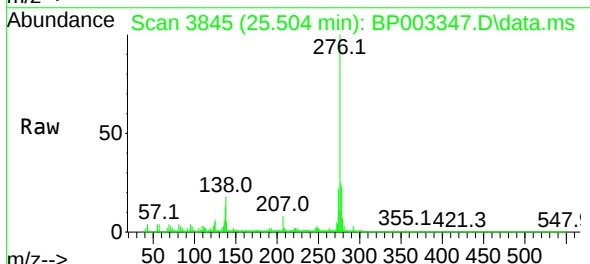
Tgt Ion: 264 Resp: 721873
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.8 17.4 26.2

Manual Integrations
APPROVED

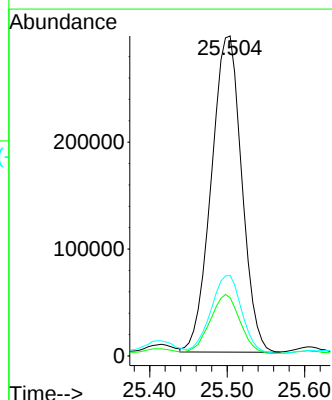
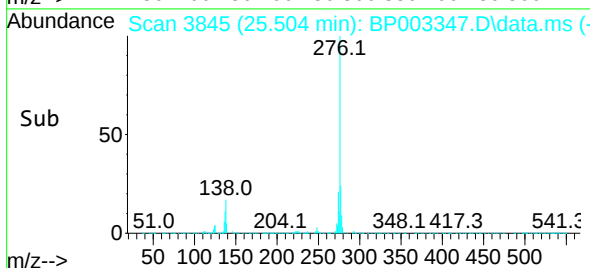
mohammad
9/23/2020 10:44:08 AM

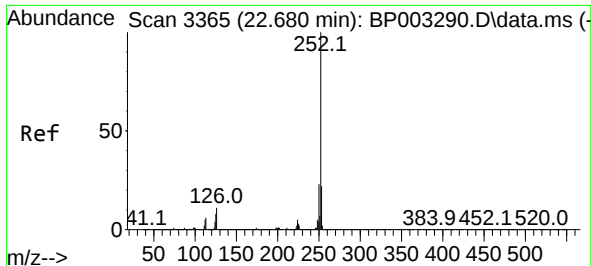


#87
Indeno(1,2,3-cd)pyrene
Concen: 14.74 ng
RT: 25.504 min Scan# 3845
Delta R.T. 0.012 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



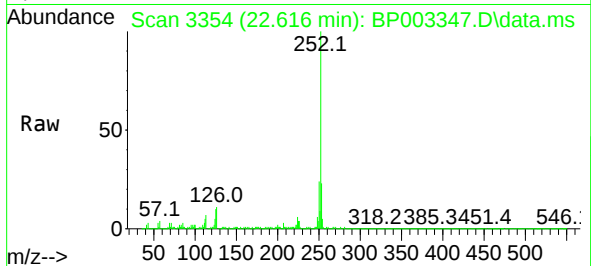
Tgt Ion: 276 Resp: 806668
Ion Ratio Lower Upper
276 100
138 18.6 18.7 28.1#
277 25.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 35.64 ng m
RT: 22.616 min Scan# 3354
Delta R.T. 0.012 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

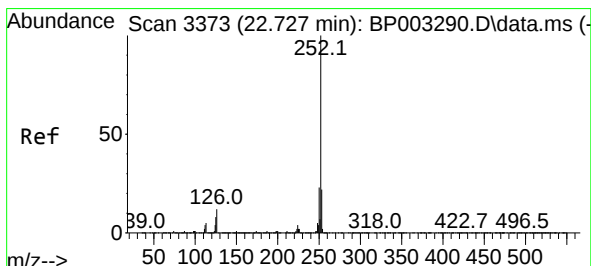
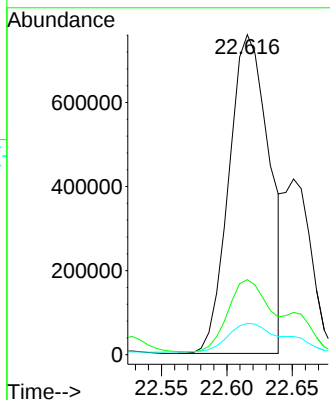
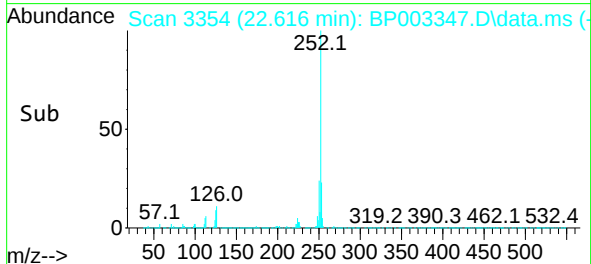
Instrument :
BNA_P
ClientSampleId :
OK-01-092120



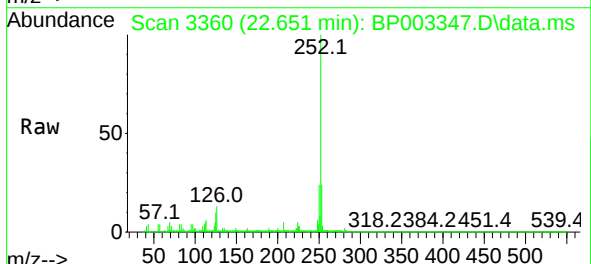
Tgt Ion:252 Resp: 1624607
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 9.8 7.3 10.9

Manual Integrations
APPROVED

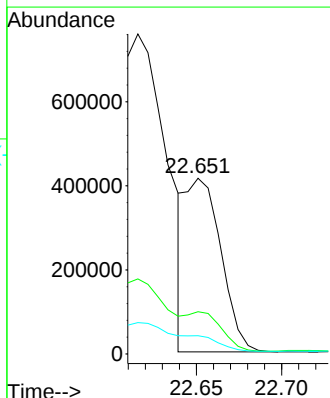
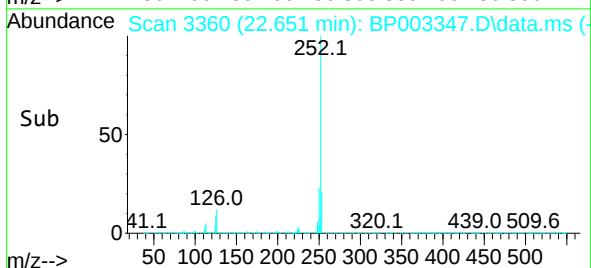
mohammad
9/23/2020 10:44:08 AM

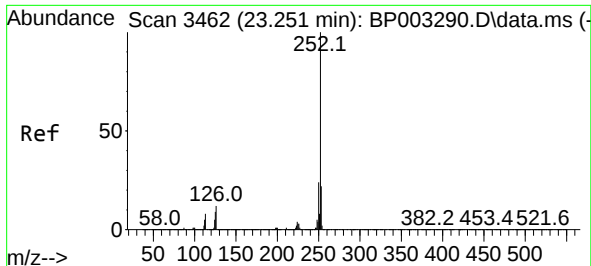


#89
Benzo(k)fluoranthene
Concen: 13.65 ng m
RT: 22.651 min Scan# 3360
Delta R.T. 0.000 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45



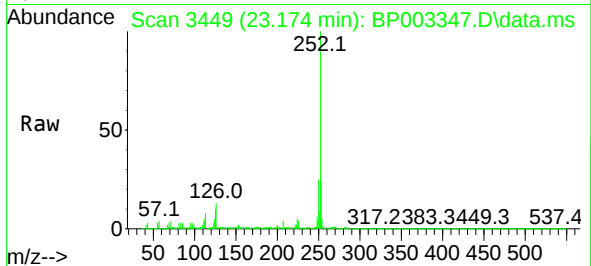
Tgt Ion:252 Resp: 596161
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 10.3 7.4 11.2





#90
Benzo(a)pyrene
Concen: 26.49 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

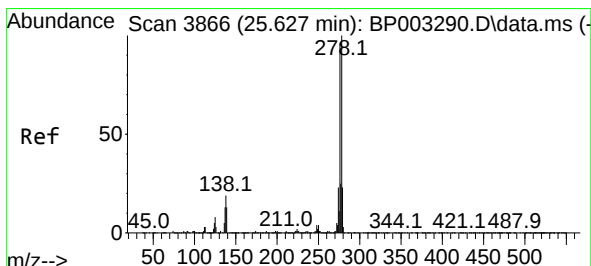
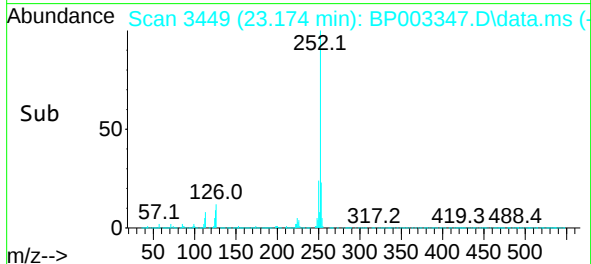
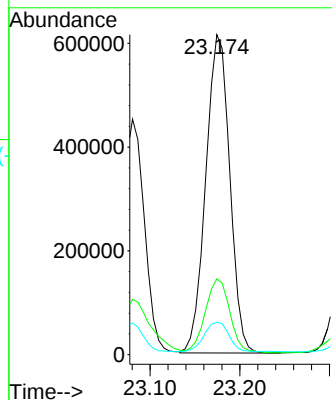
Instrument :
BNA_P
ClientSampled :
OK-01-092120



Tgt Ion:252 Resp: 1138740
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.1 8.2 12.4

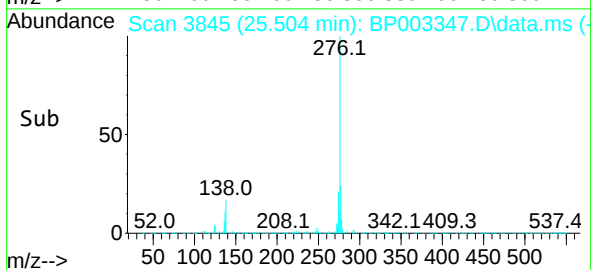
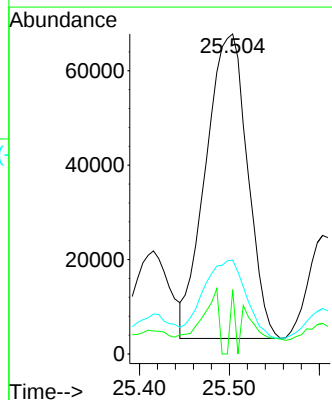
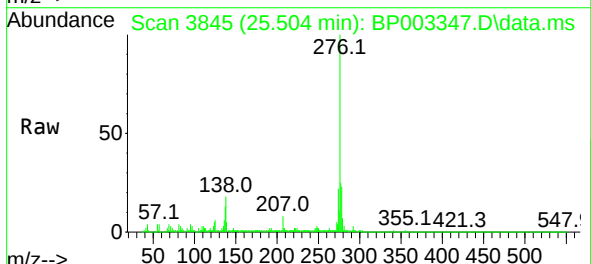
Manual Integrations
APPROVED

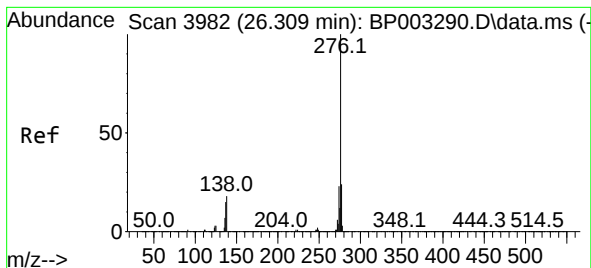
mohammad
9/23/2020 10:44:08 AM



#91
Dibenzo(a,h)anthracene
Concen: 4.61 ng m
RT: 25.504 min Scan# 3845
Delta R.T. 0.006 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

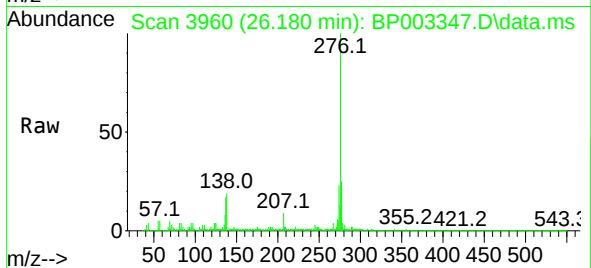
Tgt Ion:278 Resp: 208081
Ion Ratio Lower Upper
278 100
139 20.1 12.4 18.6#
279 29.4 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 17.68 ng
RT: 26.180 min Scan# 3960
Delta R.T. 0.018 min
Lab File: BP003347.D
Acq: 22 Sep 2020 19:45

Instrument :
BNA_P
ClientSampleId :
OK-01-092120



Tgt Ion: 276 Resp: 796933
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.6
138 19.4 16.6 24.8

Manual Integrations
APPROVED

mohammad
9/23/2020 10:44:08 AM

