

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007110.D
 Acq On : 22 Sep 2021 22:01
 Operator : CG/JU
 Sample : M3792-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20416

Manual Integrations
 APPROVED

mohammad
 9/23/2021 1:21:28 PM

Quant Time: Sep 23 01:07:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	295731	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1128572	20.000	ng	# 0.00
39) Acenaphthene-d10	14.539	164	652975	20.000	ng	# 0.00
64) Phenanthrene-d10	17.333	188	667772	20.000	ng	# 0.05
76) Chrysene-d12	21.386	240	1342394	20.000	ng	# 0.02
86) Perylene-d12	23.780	264	1427005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1596257	90.354	ng	0.00
7) Phenol-d6	7.063	99	1936397	80.195	ng	0.00
23) Nitrobenzene-d5	9.057	82	1114990	57.535	ng	-0.01
42) 2,4,6-Tribromophenol	16.045	330	725050	85.648	ng	0.02
45) 2-Fluorobiphenyl	13.151	172	2507354	55.011	ng	-0.01
79) Terphenyl-d14	19.880	244	2047666	29.230	ng	0.04
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.357	142	244305	6.058	ng	98
38) 1-Methylnaphthalene	12.575	142	226114	5.738	ng	# 99
46) 1,1'-Biphenyl	13.363	154	284063	5.849	ng	89
75) Fluoranthene	19.357	202	241892	5.864	ng	# 1
78) Pyrene	19.704	202	213476	2.424	ng	# 1
81) Benzo(a)anthracene	21.368	228	177911	2.042	ng	# 65
83) Chrysene	21.421	228	224426	2.695	ng	# 73
84) Bis(2-ethylhexyl)phtha...	21.280	149	730502	14.406	ng	# 87
88) Benzo(b)fluoranthene	23.045	252	284185m	3.332	ng	
90) Benzo(a)pyrene	23.668	252	152011	2.098	ng	# 41

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

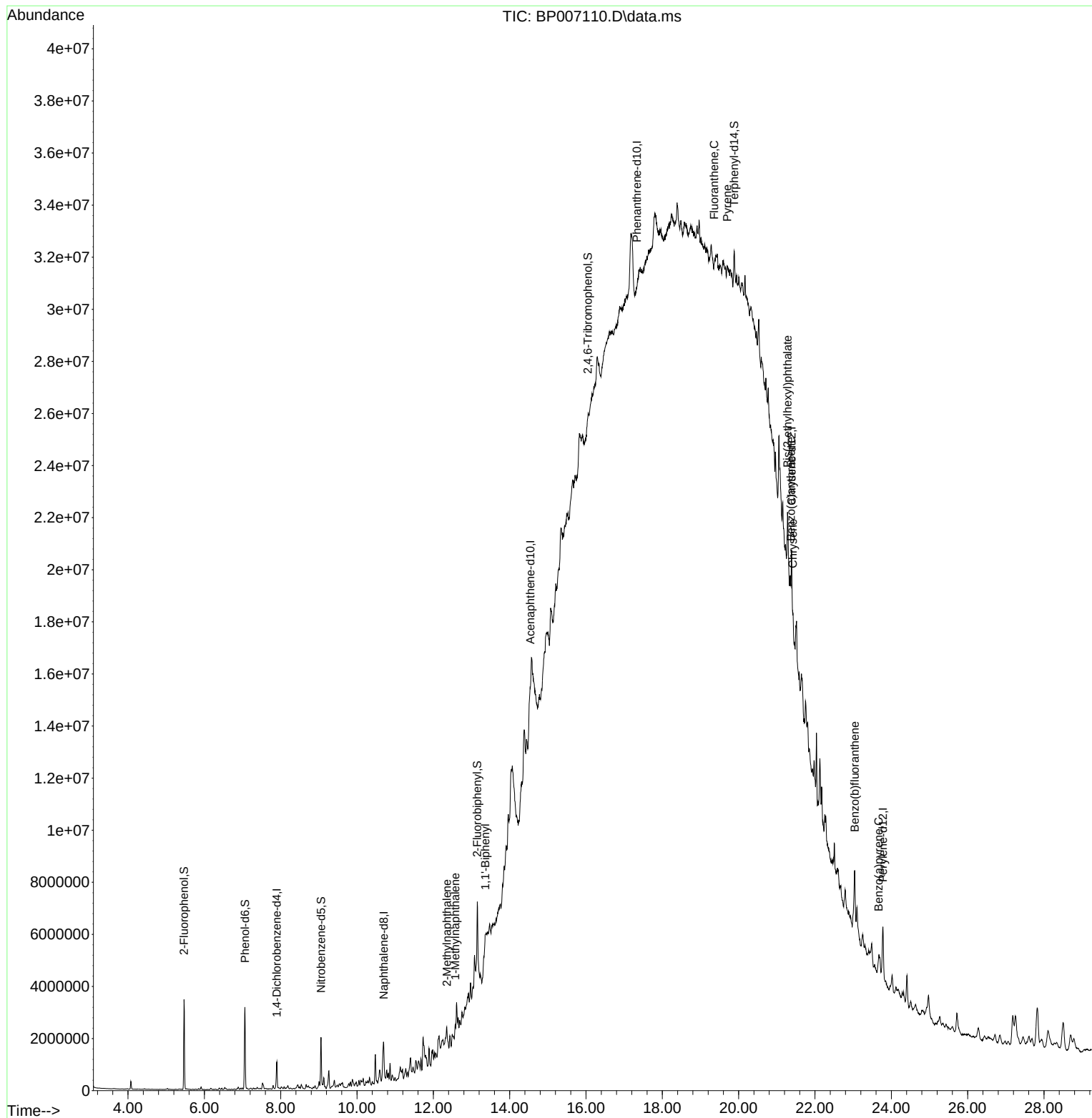
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007110.D
Acq On : 22 Sep 2021 22:01
Operator : CG/JU
Sample : M3792-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

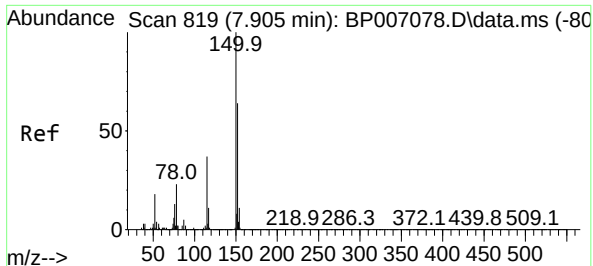
Instrument :
BNA_P
ClientSampleId :
20416

Manual Integrations
APPROVED

mohammad
9/23/2021 1:21:28 PM

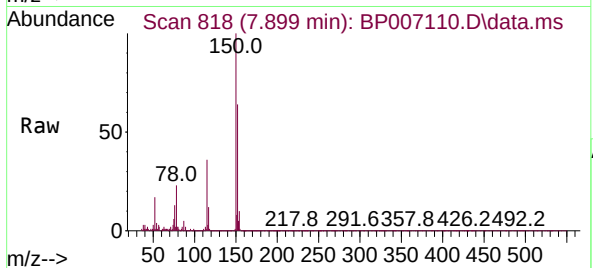
Quant Time: Sep 23 01:07:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

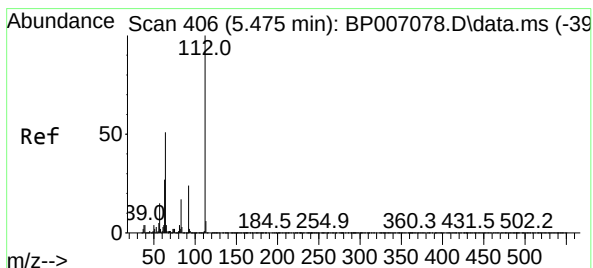
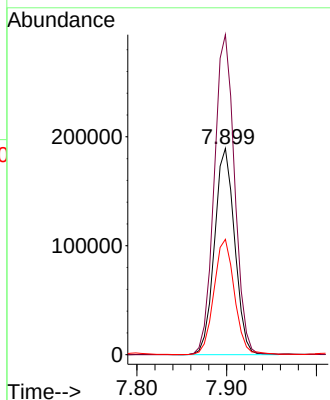
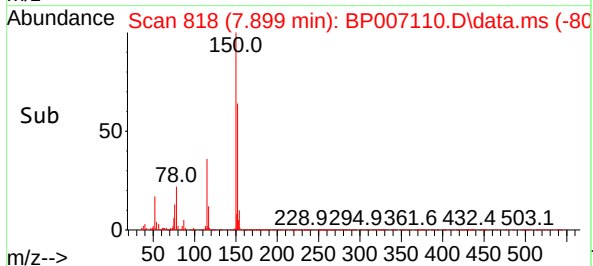
Instrument :
BNA_P
ClientSampleId :
20416



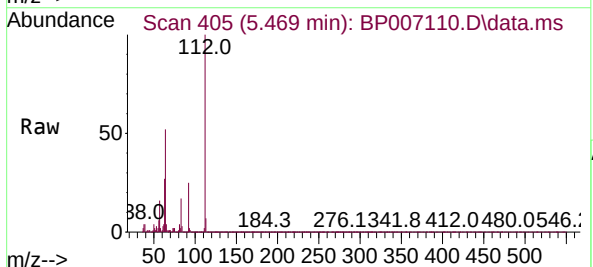
Tgt Ion:152 Resp: 295731
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 55.9 48.5 72.7

Manual Integrations
APPROVED

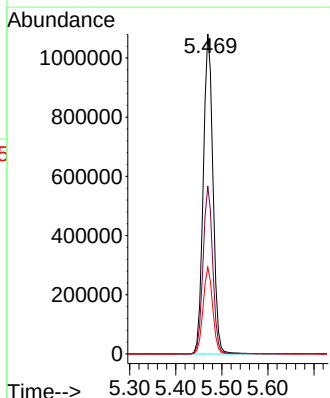
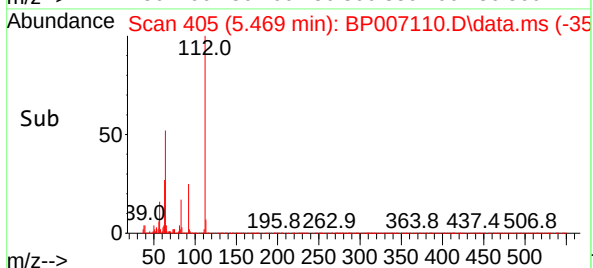
mohammad
9/23/2021 1:21:28 PM

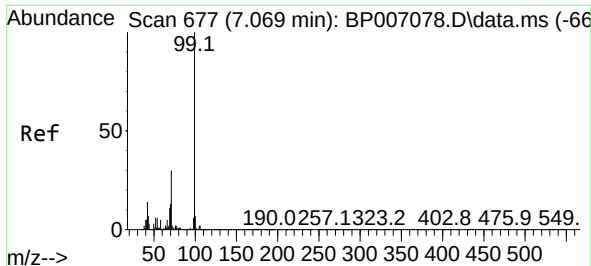


#5
2-Fluorophenol
Concen: 90.354 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01



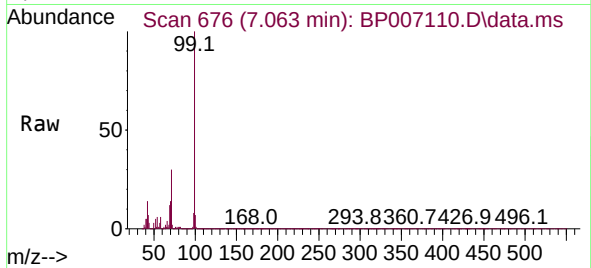
Tgt Ion:112 Resp: 1596257
Ion Ratio Lower Upper
112 100
64 52.5 41.4 62.2
63 27.1 23.8 35.8





#7
Phenol-d6
Concen: 80.195 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

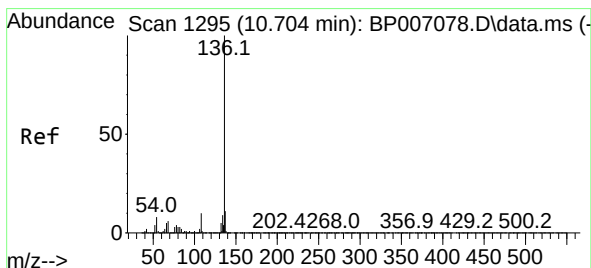
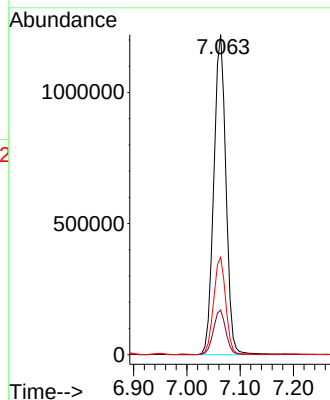
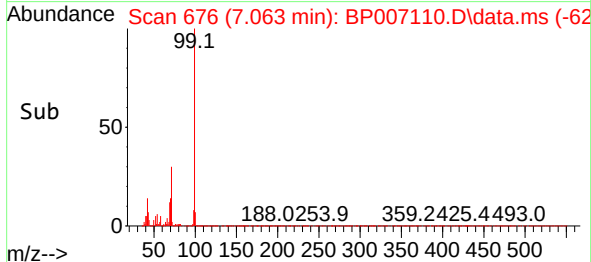
Instrument :
BNA_P
ClientSampleId :
20416



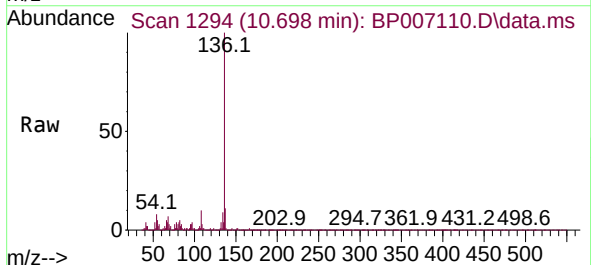
Tgt Ion: 99 Resp: 1936397
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 30.5 30.6 46.0#

Manual Integrations
APPROVED

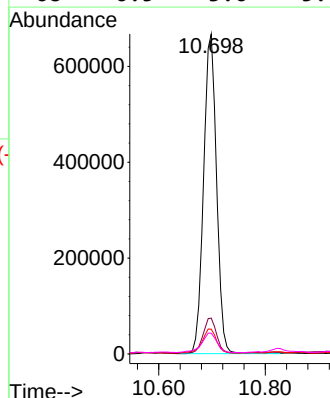
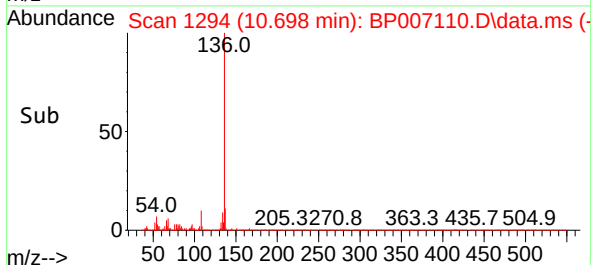
mohammad
9/23/2021 1:21:28 PM

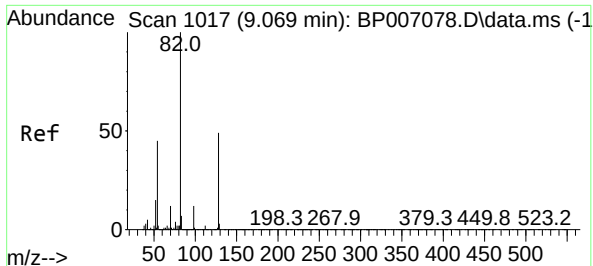


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01



Tgt Ion: 136 Resp: 1128572
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.8 4.6 6.8#
68 6.5 3.6 5.4#





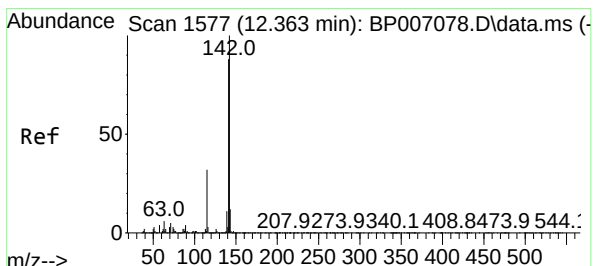
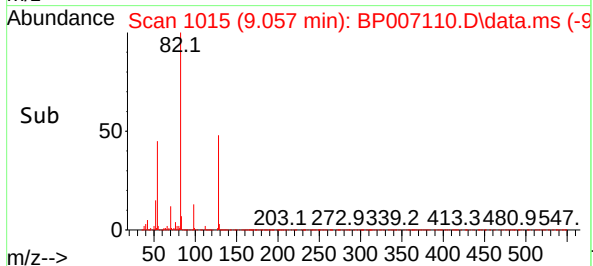
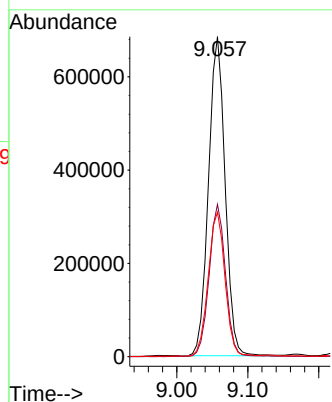
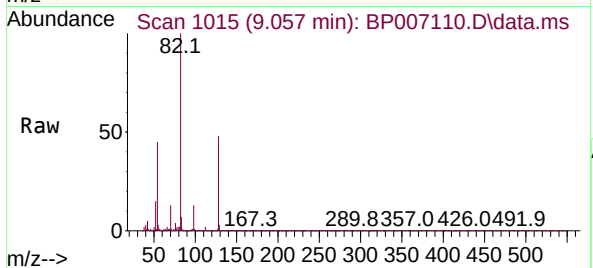
#23
Nitrobenzene-d5
Concen: 57.535 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

Instrument :
BNA_P
ClientSampled :
20416

Tgt Ion: 82 Resp: 1114990
Ion Ratio Lower Upper
82 100
128 47.6 35.7 53.5
54 45.1 35.0 52.4

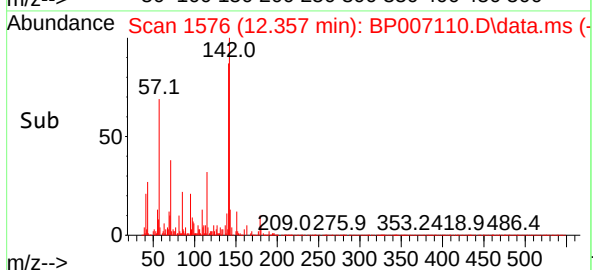
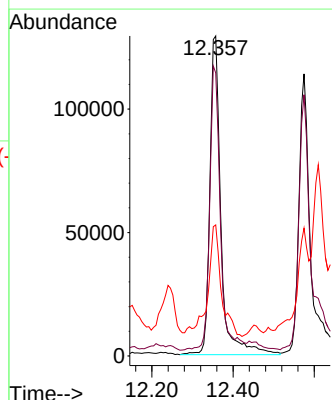
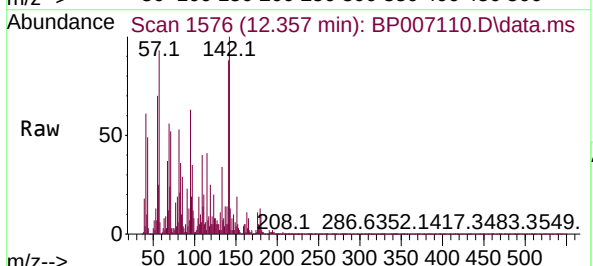
Manual Integrations
APPROVED

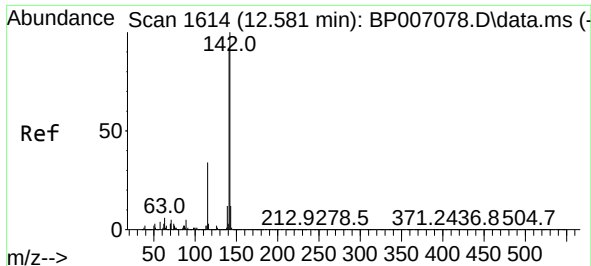
mohammad
9/23/2021 1:21:28 PM



#37
2-Methylnaphthalene
Concen: 6.058 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

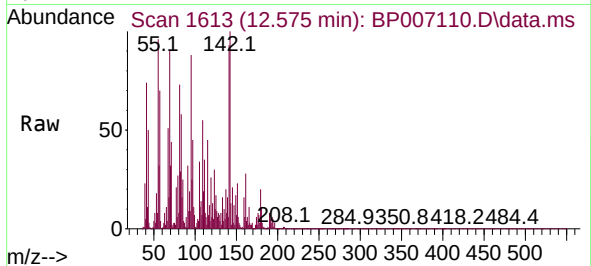
Tgt Ion: 142 Resp: 244305
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.6
115 40.9 31.6 47.4





#38
1-Methylnaphthalene
Concen: 5.738 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

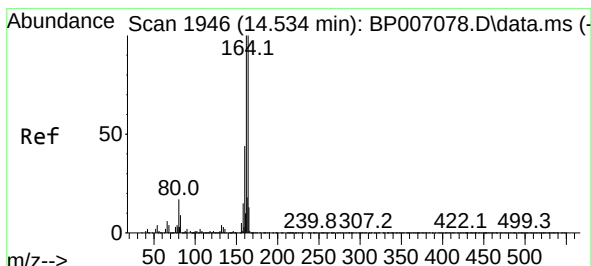
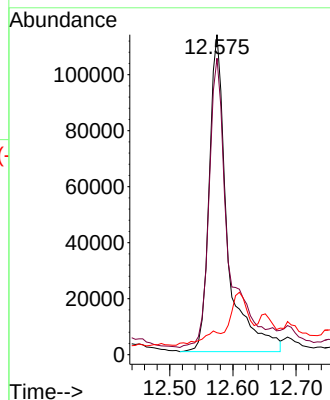
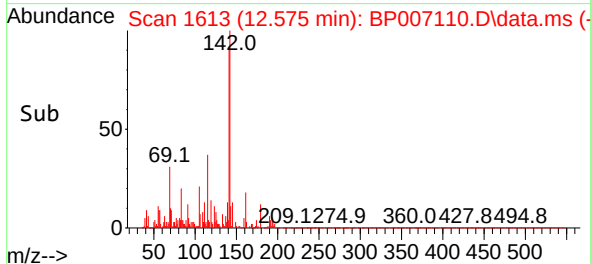
Instrument :
BNA_P
ClientSampled :
20416



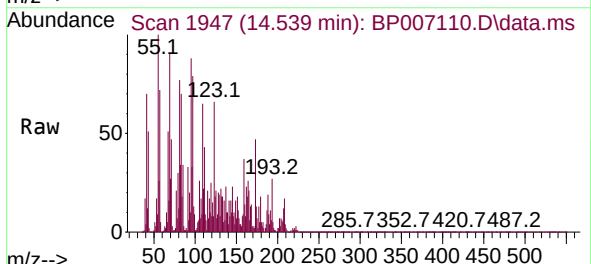
Tgt Ion:142 Resp: 226114
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9
116 6.9 3.5 5.3#

Manual Integrations
APPROVED

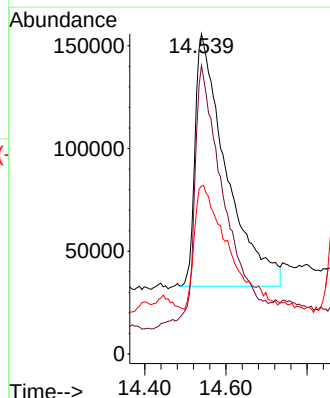
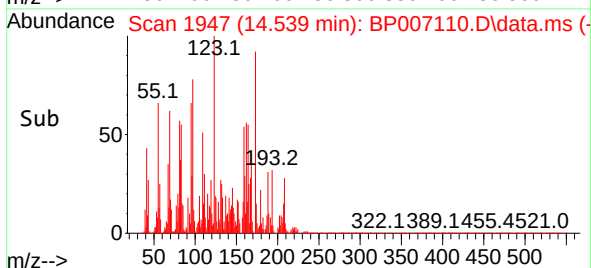
mohammad
9/23/2021 1:21:28 PM

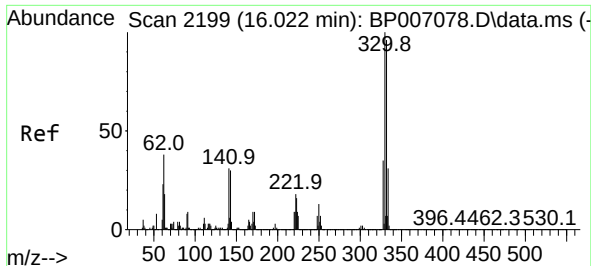


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01



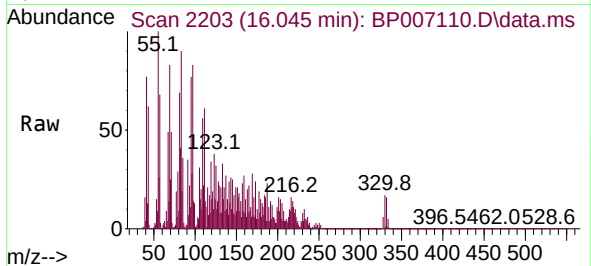
Tgt Ion:164 Resp: 652975
Ion Ratio Lower Upper
164 100
162 90.1 80.2 120.2
160 52.5 34.5 51.7#





#42
2,4,6-Tribromophenol
Concen: 85.648 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.023 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

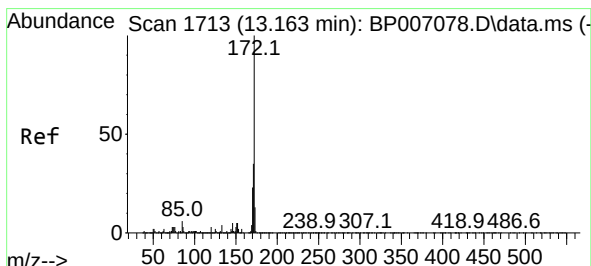
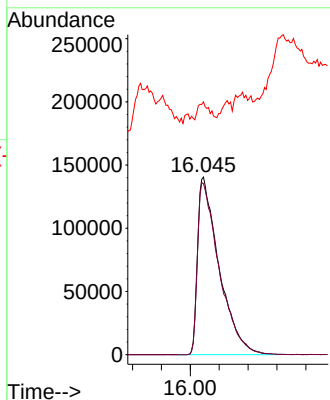
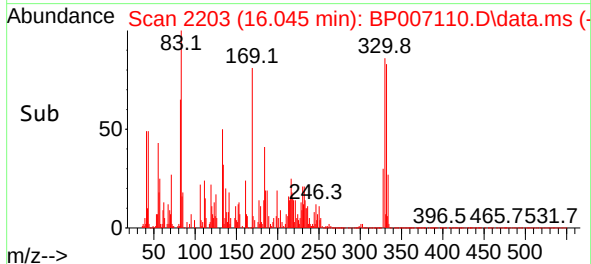
Instrument :
BNA_P
ClientSampled :
20416



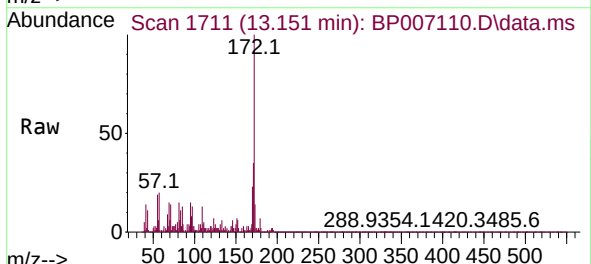
Tgt Ion:330 Resp: 725050
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 5.0 25.4 38.2#

Manual Integrations
APPROVED

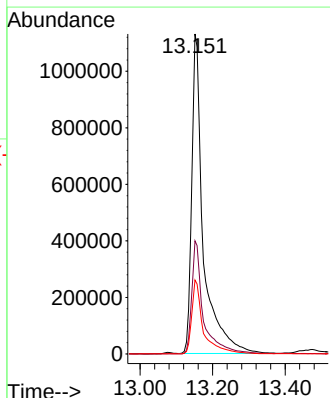
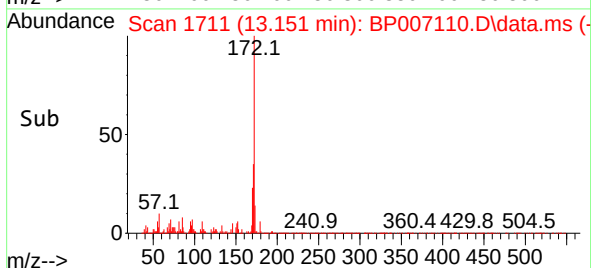
mohammad
9/23/2021 1:21:28 PM

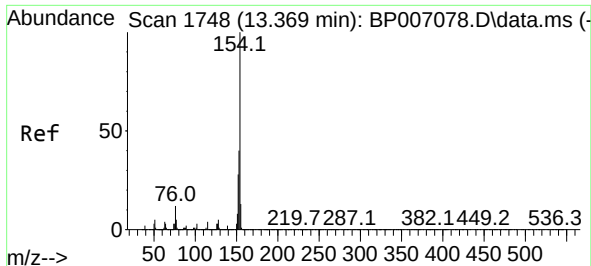


#45
2-Fluorobiphenyl
Concen: 55.011 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01



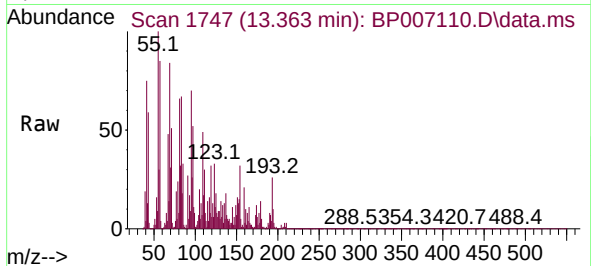
Tgt Ion:172 Resp: 2507354
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.1 18.6 27.8





#46
1,1'-Biphenyl
Concen: 5.849 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

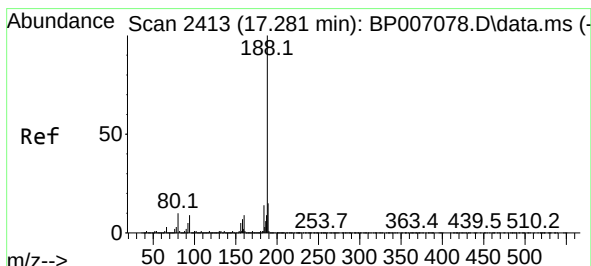
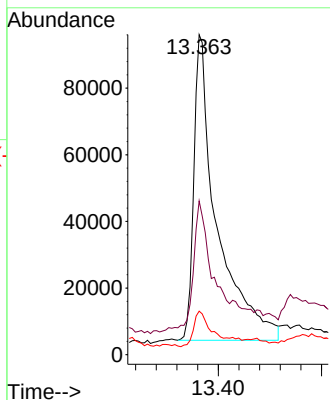
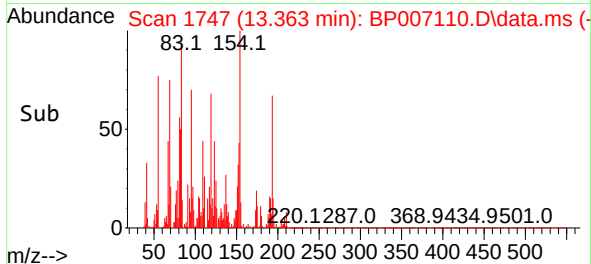
Instrument :
BNA_P
ClientSampled :
20416



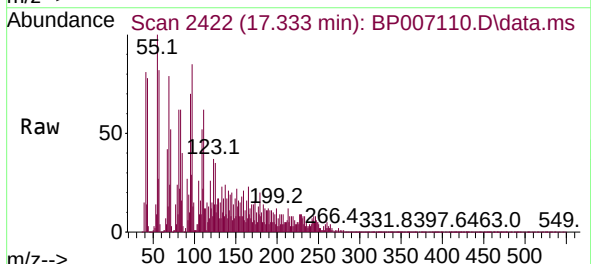
Tgt Ion:154 Resp: 284063
Ion Ratio Lower Upper
154 100
153 48.1 20.4 60.4
76 13.6 0.0 30.8

Manual Integrations
APPROVED

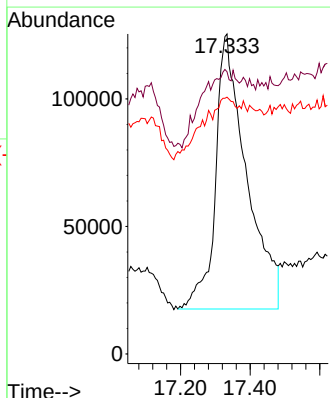
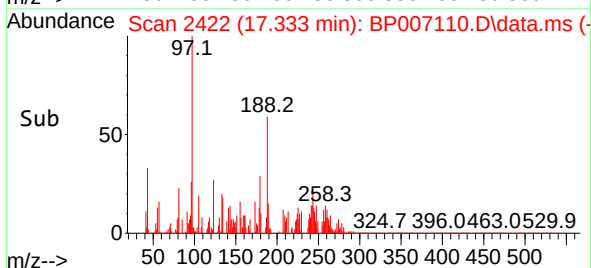
mohammad
9/23/2021 1:21:28 PM

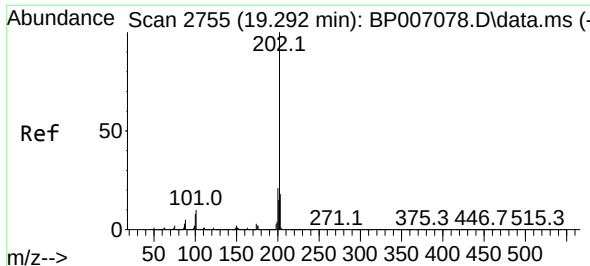


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2422
Delta R.T. 0.053 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01



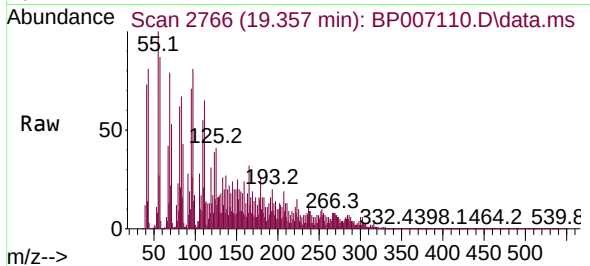
Tgt Ion:188 Resp: 667772
Ion Ratio Lower Upper
188 100
94 88.2 5.6 8.4#
80 80.2 6.3 9.5#





#75
Fluoranthene
Concen: 5.864 ng
RT: 19.357 min Scan# 2766
Delta R.T. 0.065 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

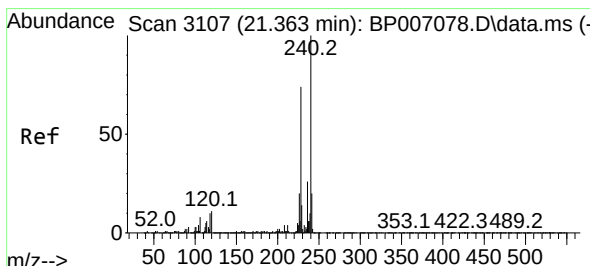
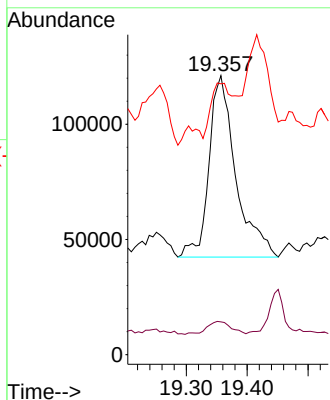
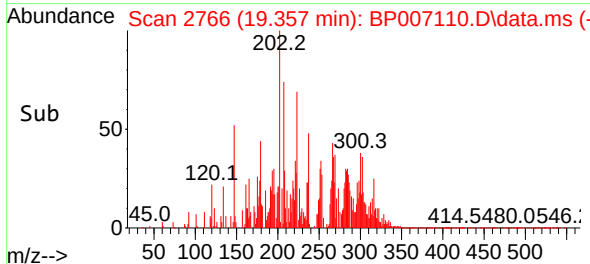
Instrument :
BNA_P
ClientSampleId :
20416



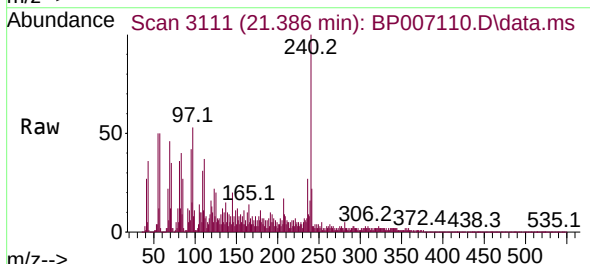
Tgt Ion:202 Resp: 241892
Ion Ratio Lower Upper
202 100
101 11.8 0.0 27.6
203 97.1 0.0 37.8#

Manual Integrations
APPROVED

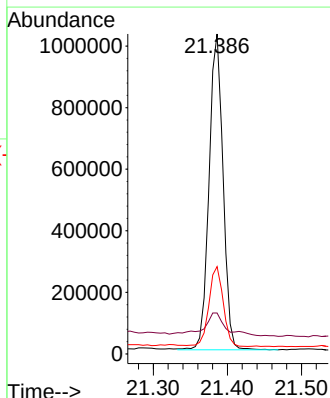
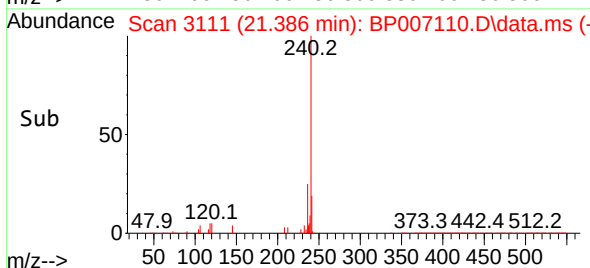
mohammad
9/23/2021 1:21:28 PM

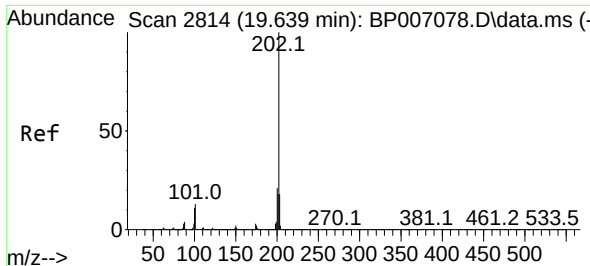


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. 0.023 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01



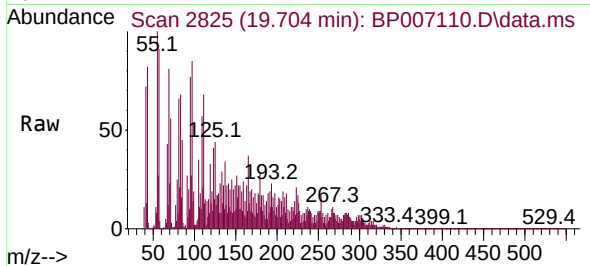
Tgt Ion:240 Resp: 1342394
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 27.3 20.6 31.0





#78
 Pyrene
 Concen: 2.424 ng
 RT: 19.704 min Scan# 2825
 Delta R.T. 0.065 min
 Lab File: BP007110.D
 Acq: 22 Sep 2021 22:01

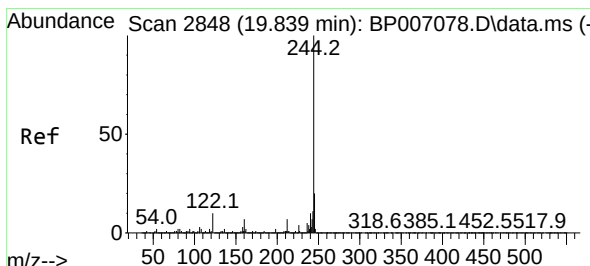
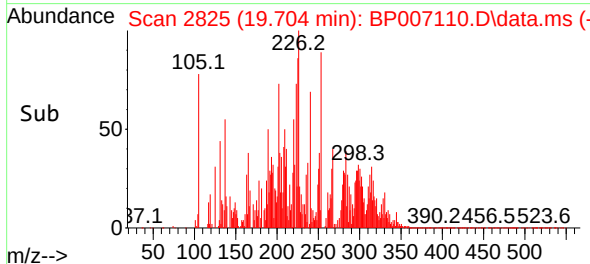
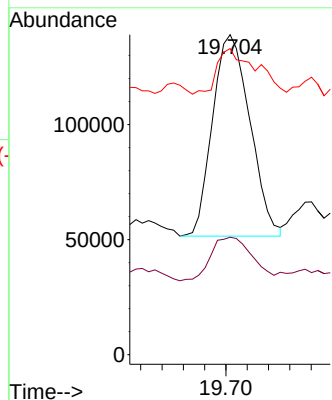
Instrument :
 BNA_P
 ClientSampleId :
 20416



Tgt Ion:202 Resp: 213476
 Ion Ratio Lower Upper
 202 100
 200 36.7 16.3 24.5#
 203 95.7 14.2 21.2#

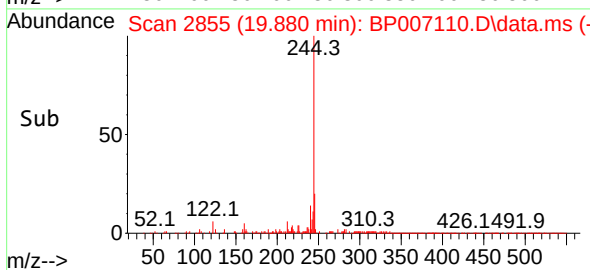
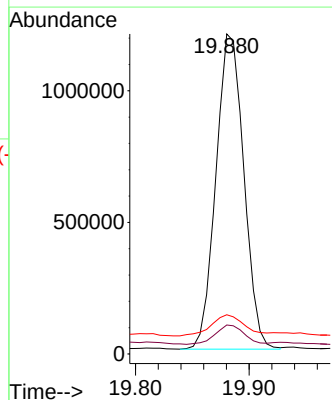
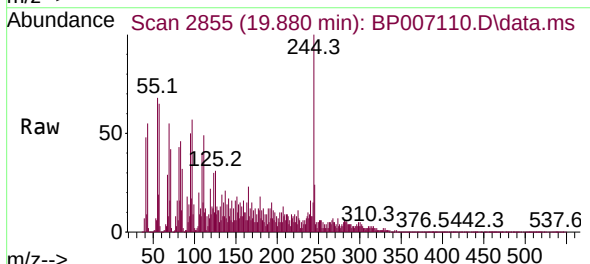
Manual Integrations
 APPROVED

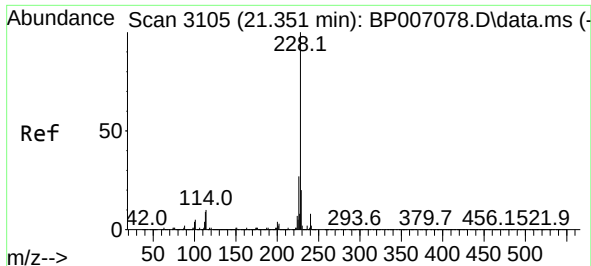
mohammad
 9/23/2021 1:21:28 PM



#79
 Terphenyl-d14
 Concen: 29.230 ng
 RT: 19.880 min Scan# 2855
 Delta R.T. 0.041 min
 Lab File: BP007110.D
 Acq: 22 Sep 2021 22:01

Tgt Ion:244 Resp: 2047666
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.0 9.0#
 122 12.2 7.1 10.7#





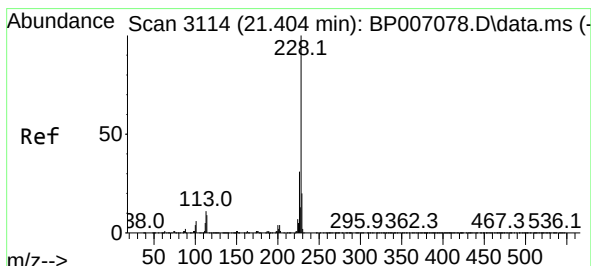
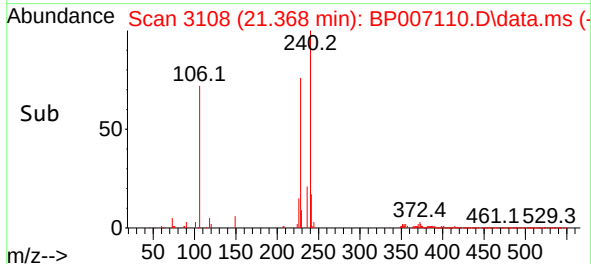
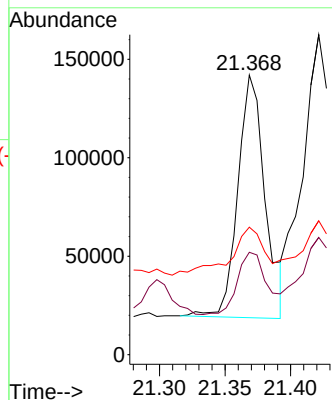
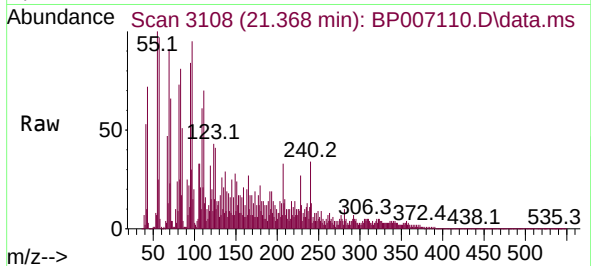
#81
Benzo(a)anthracene
Concen: 2.042 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.017 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

Tgt Ion:228 Resp: 177911
Ion Ratio Lower Upper
228 100
226 36.6 21.6 32.4#
229 45.6 15.8 23.6#

Instrument :
BNA_P
ClientSampleId :
20416

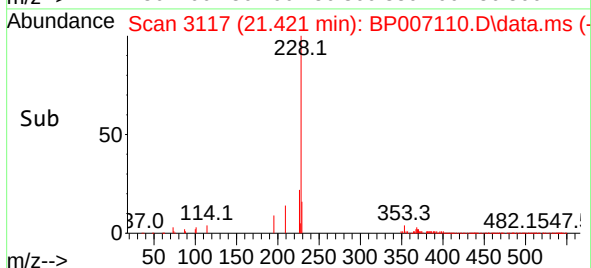
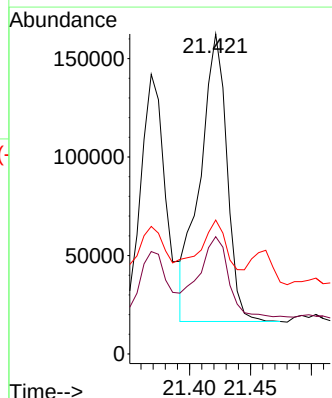
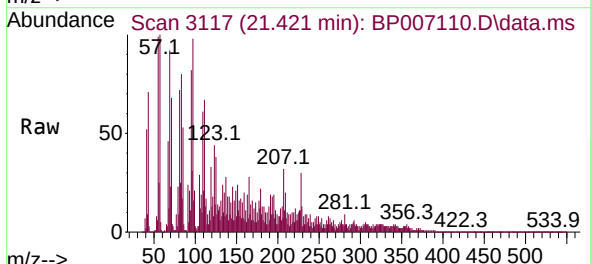
Manual Integrations
APPROVED

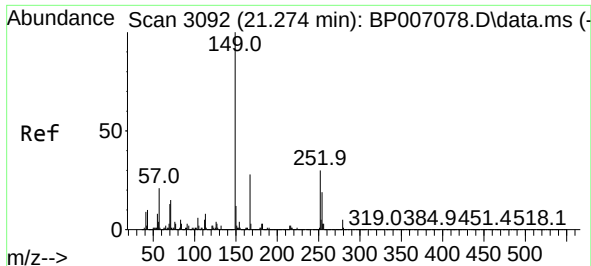
mohammad
9/23/2021 1:21:28 PM



#83
Chrysene
Concen: 2.695 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.018 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

Tgt Ion:228 Resp: 224426
Ion Ratio Lower Upper
228 100
226 36.7 23.8 35.6#
229 41.8 15.4 23.2#





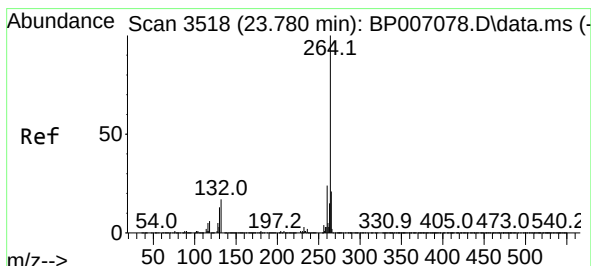
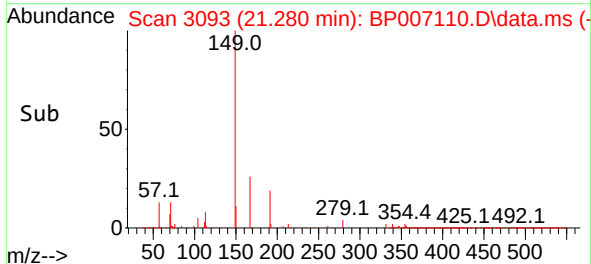
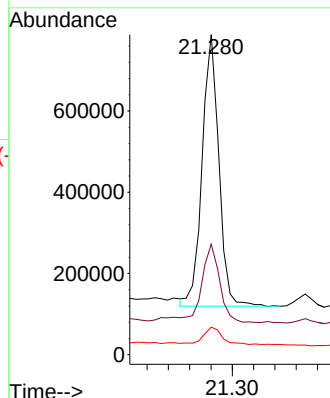
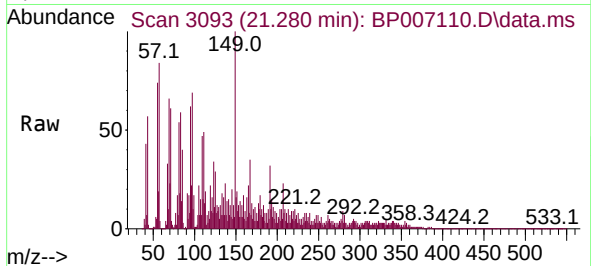
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.406 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

Tgt Ion:149 Resp: 730502
Ion Ratio Lower Upper
149 100
167 34.6 21.9 32.9#
279 8.6 4.3 6.5#

Instrument :
BNA_P
ClientSampleId :
20416

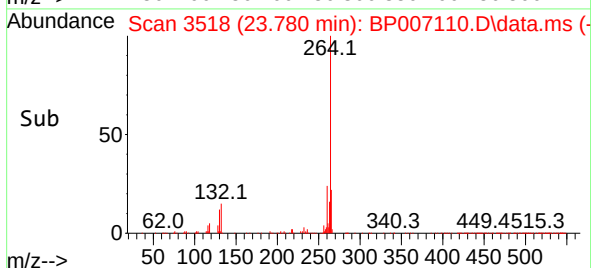
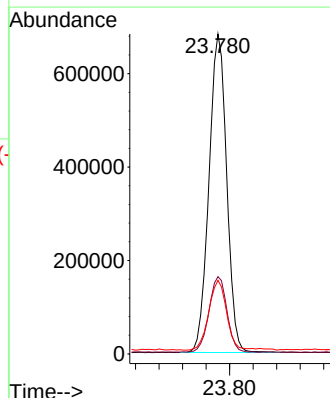
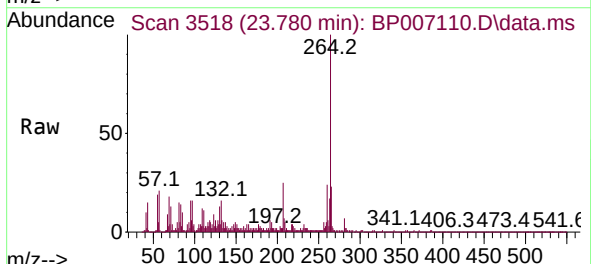
Manual Integrations
APPROVED

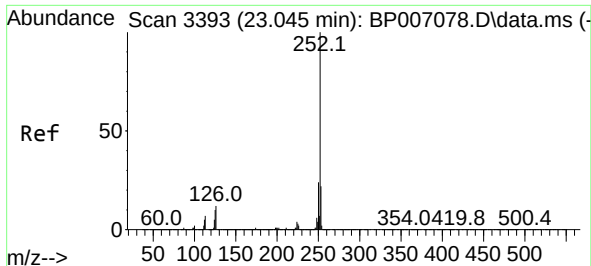
mohammad
9/23/2021 1:21:28 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. -0.000 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

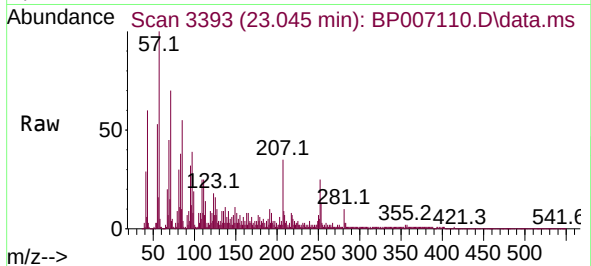
Tgt Ion:264 Resp: 1427005
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 23.0 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 3.332 ng m
RT: 23.045 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

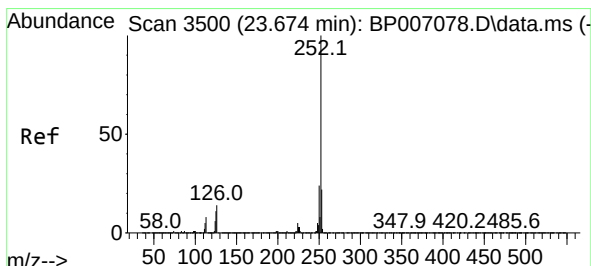
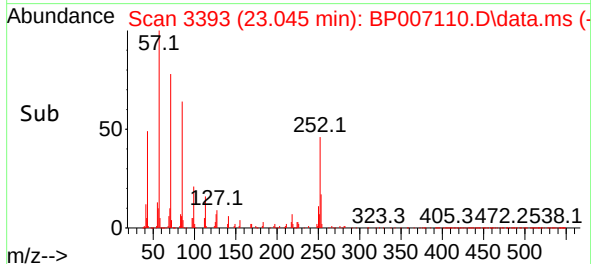
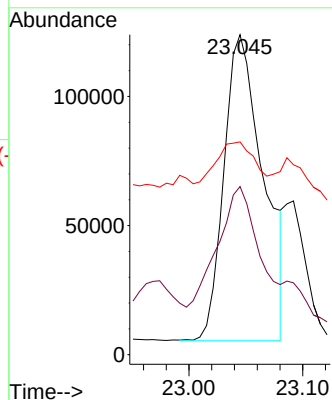
Instrument :
BNA_P
ClientSampled :
20416



Tgt Ion:252 Resp: 284185
Ion Ratio Lower Upper
252 100
253 52.6 17.5 26.3#
125 66.5 6.2 9.4#

Manual Integrations
APPROVED

mohammad
9/23/2021 1:21:28 PM



#90
Benzo(a)pyrene
Concen: 2.098 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BP007110.D
Acq: 22 Sep 2021 22:01

Tgt Ion:252 Resp: 152011
Ion Ratio Lower Upper
252 100
253 32.1 17.9 26.9#
125 66.5 6.5 9.7#

