

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004561.D
 Acq On : 14 Jan 2021 17:29
 Operator : CG/JU
 Sample : M1121-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NP-SP

Manual Integrations
 APPROVED

mohammad
 1/15/2021 10:08:36 AM

Quant Time: Jan 14 21:51:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	196952	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	735713	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	448517	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	975805	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1126587	20.00	ng	0.00
86) Perylene-d12	23.680	264	1240808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1202225	106.39	ng	0.00
7) Phenol-d6	6.987	99	1470972	95.04	ng	0.00
23) Nitrobenzene-d5	8.969	82	849373	65.27	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	728593	93.43	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2145279	62.18	ng	0.00
79) Terphenyl-d14	19.792	244	3057934	49.59	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.916	163	79452	2.14	ng	100
71) Phenanthrene	17.269	178	177171	3.17	ng	99
75) Fluoranthene	19.245	202	343857	5.05	ng	100
78) Pyrene	19.598	202	303869	3.96	ng	99
81) Benzo(a)anthracene	21.304	228	204195	2.66	ng	95
83) Chrysene	21.357	228	193200m	2.65	ng	
88) Benzo(b)fluoranthene	22.963	252	261626m	3.26	ng	
90) Benzo(a)pyrene	23.574	252	173408	2.31	ng	96

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

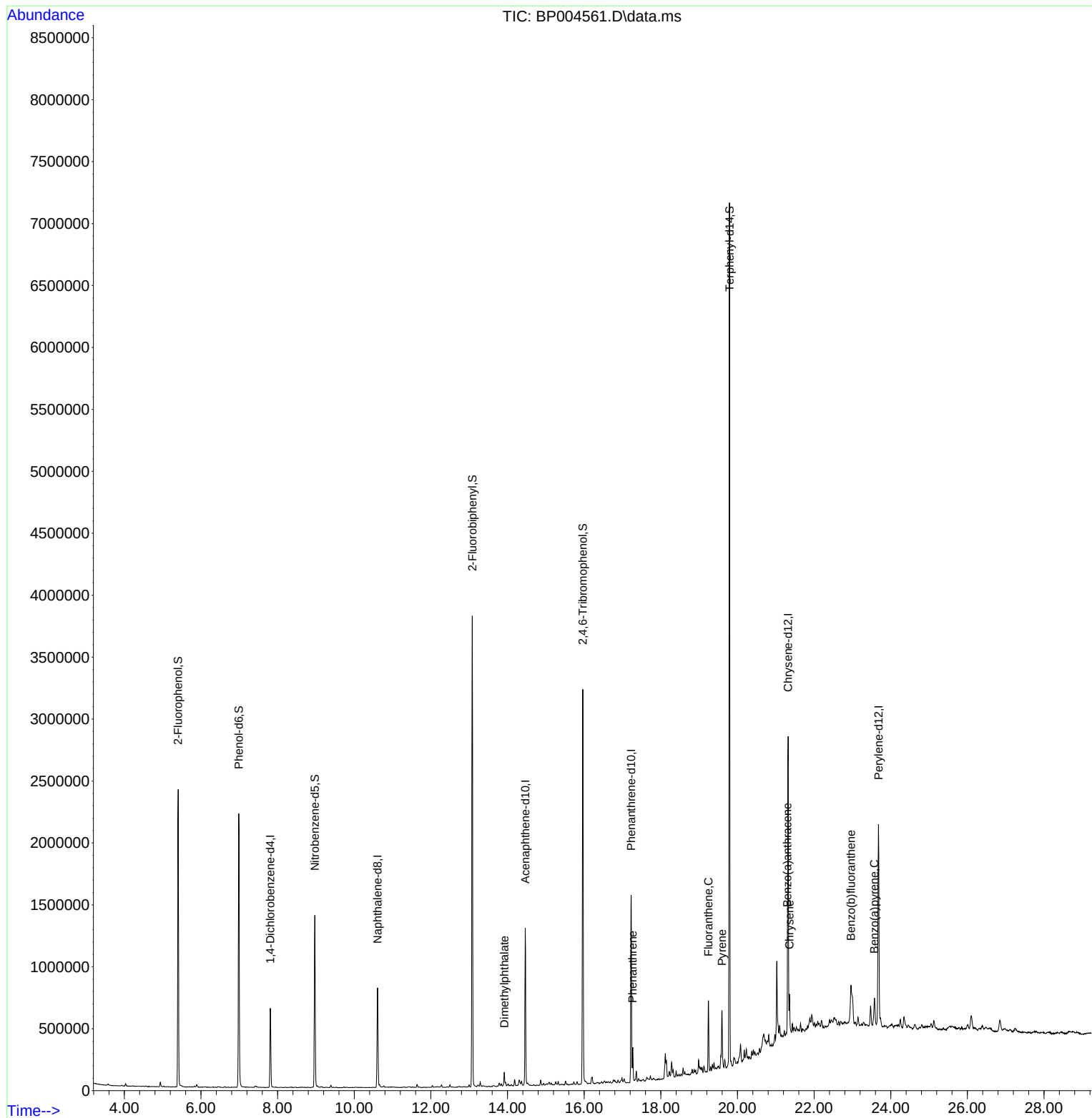
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
Data File : BP004561.D
Acq On : 14 Jan 2021 17:29
Operator : CG/JU
Sample : M1121-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

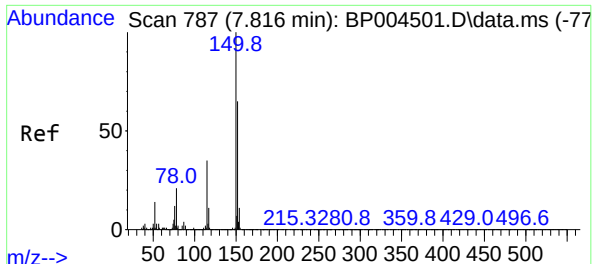
Instrument :
BNA_P
ClientSampleId :
NP-SP

Manual Integrations
APPROVED

mohammad
1/15/2021 10:08:36 AM

Quant Time: Jan 14 21:51:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration





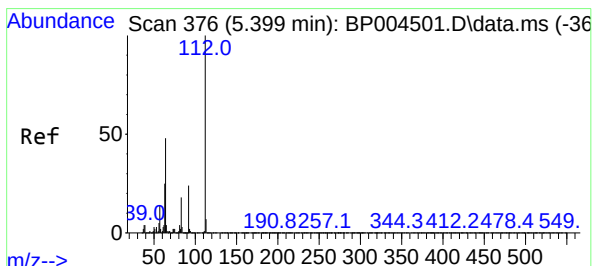
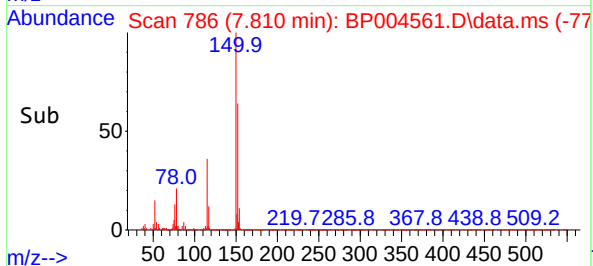
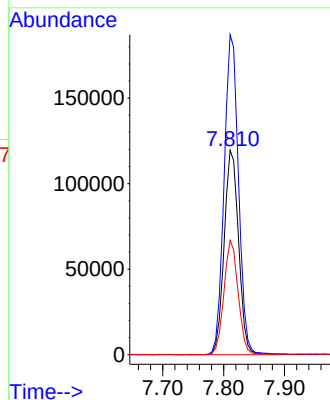
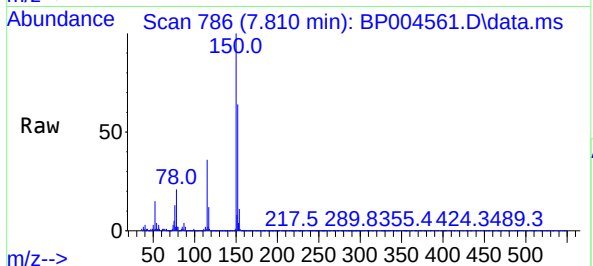
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:152 Resp: 196952
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 55.9 43.8 65.6

Instrument :
BNA_P
ClientSampled :
NP-SP

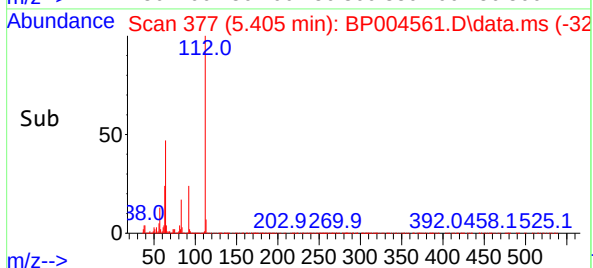
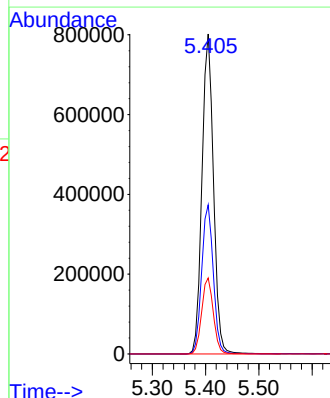
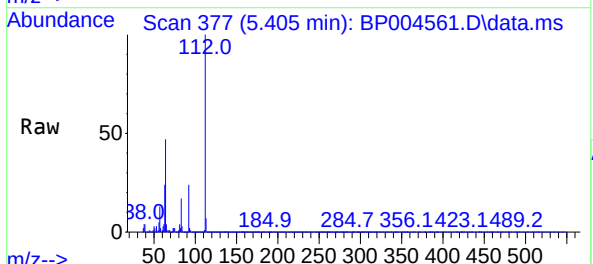
Manual Integrations
APPROVED

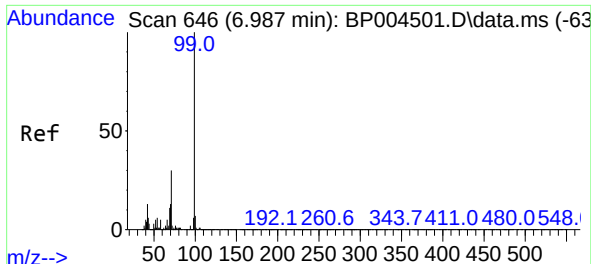
mohammad
1/15/2021 10:08:36 AM



#5
2-Fluorophenol
Concen: 106.39 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

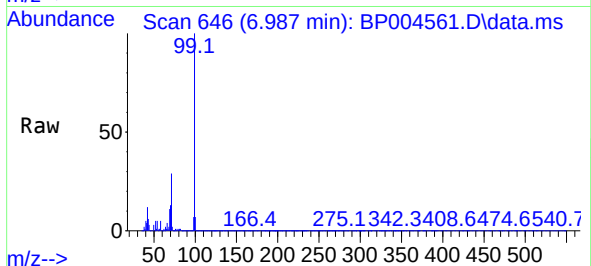
Tgt Ion:112 Resp: 1202225
Ion Ratio Lower Upper
112 100
64 46.6 32.8 49.2
63 23.7 17.0 25.4





#7
Phenol-d6
Concen: 95.04 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

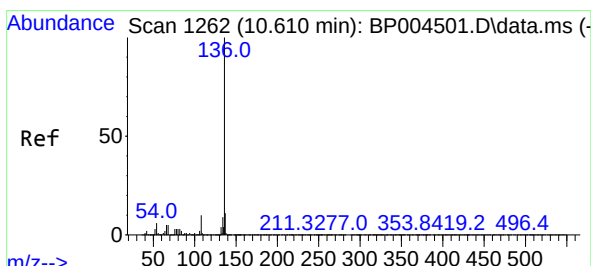
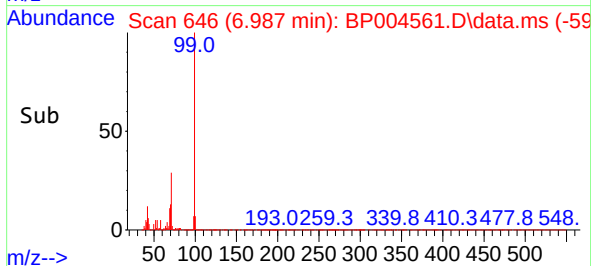
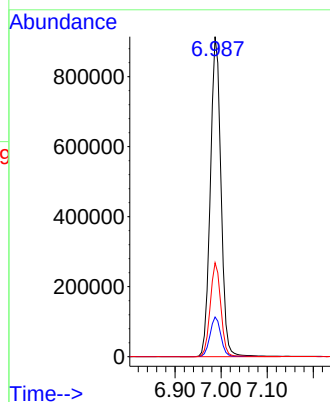
Instrument :
BNA_P
ClientSampleId :
NP-SP



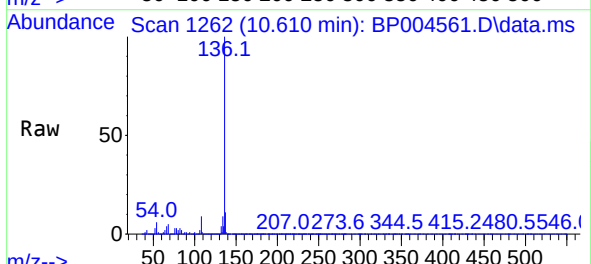
Tgt Ion: 99 Resp: 1470972
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 29.4 23.4 35.2

Manual Integrations
APPROVED

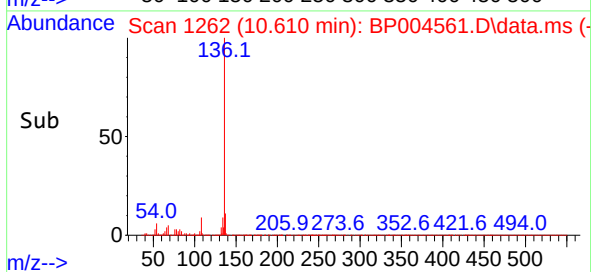
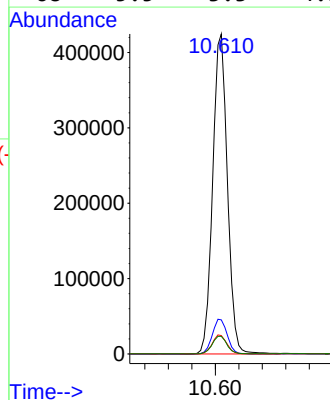
mohammad
1/15/2021 10:08:36 AM

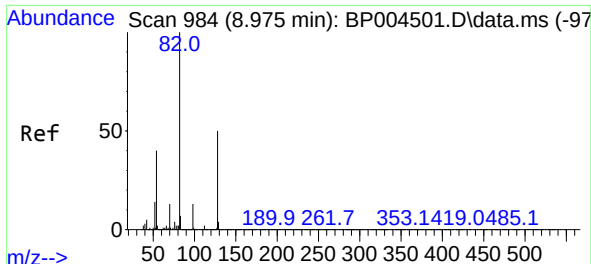


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29



Tgt Ion: 136 Resp: 735713
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.8 3.6 5.4#
68 5.5 3.3 4.9#





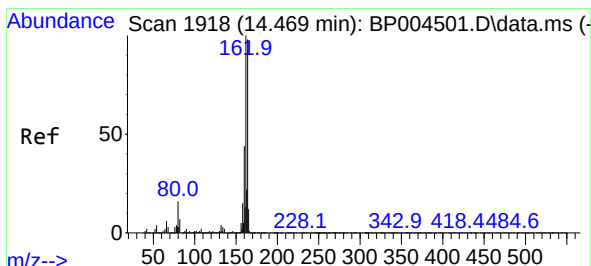
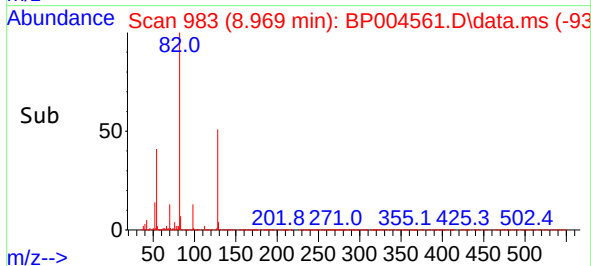
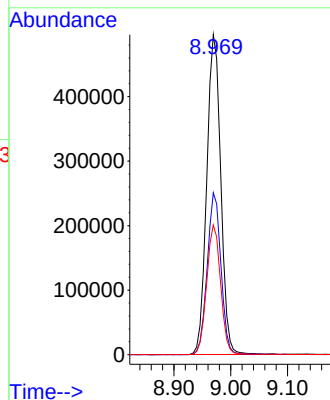
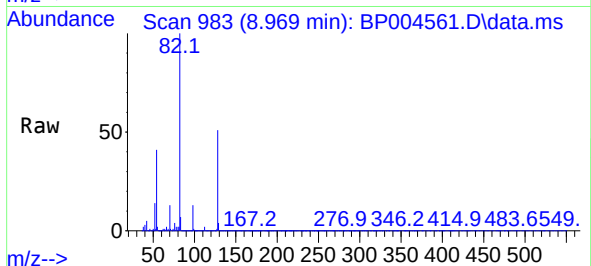
#23
Nitrobenzene-d5
Concen: 65.27 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion: 82 Resp: 849373
Ion Ratio Lower Upper
82 100
128 50.6 45.6 68.4
54 40.5 30.1 45.1

Instrument :
BNA_P
ClientSampled :
NP-SP

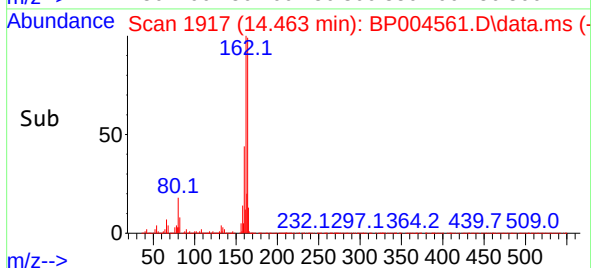
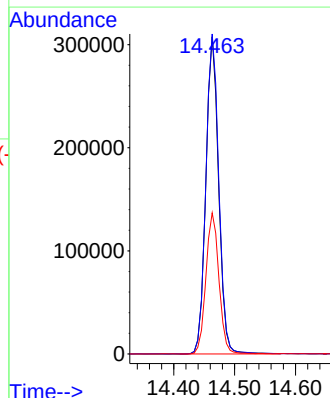
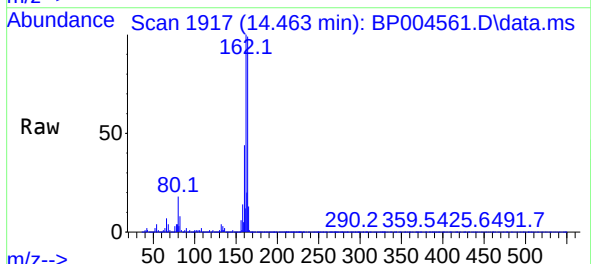
Manual Integrations
APPROVED

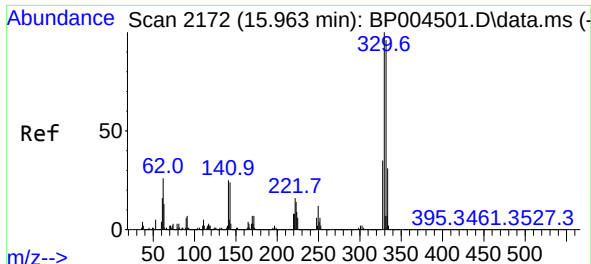
mohammad
1/15/2021 10:08:36 AM



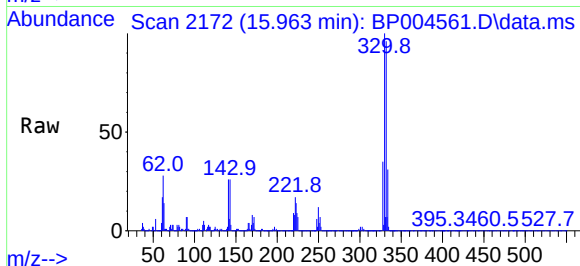
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion: 164 Resp: 448517
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 44.5 36.1 54.1

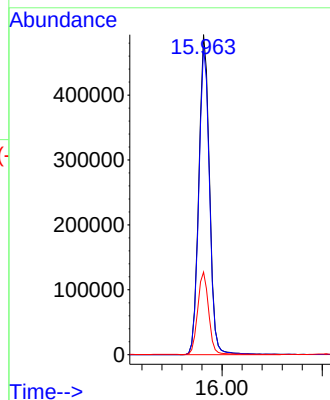
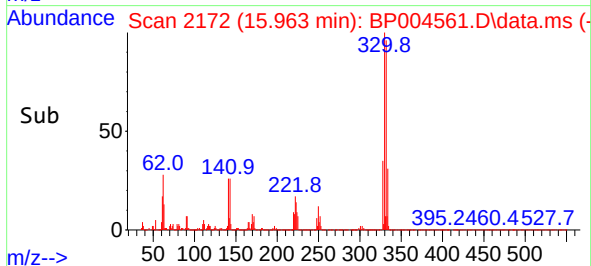




#42
2,4,6-Tribromophenol
Concen: 93.43 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29



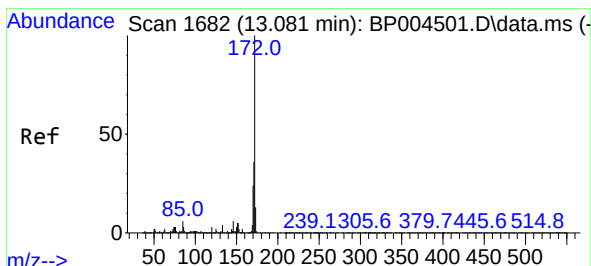
Tgt Ion:330 Resp: 728593
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 26.3 23.4 35.2



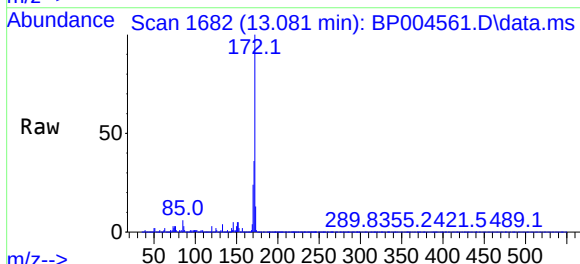
Instrument :
BNA_P
ClientSampleId :
NP-SP

Manual Integrations
APPROVED

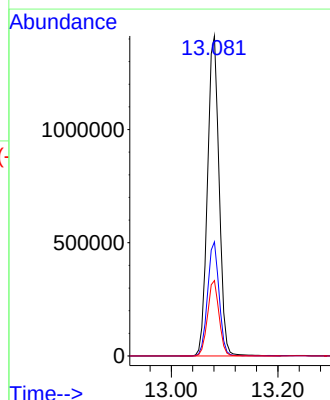
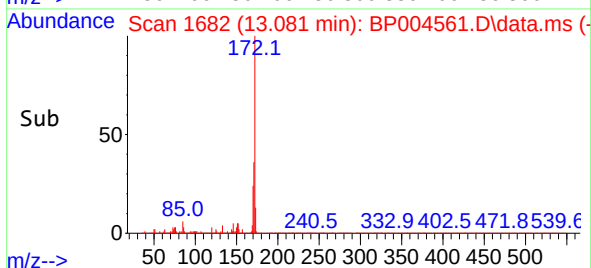
mohammad
1/15/2021 10:08:36 AM

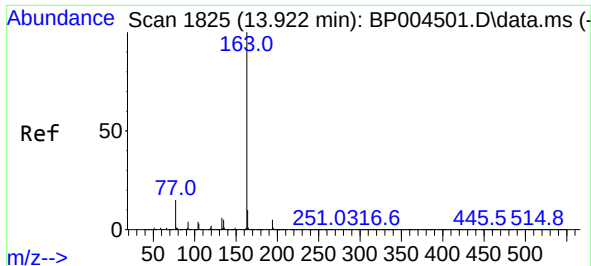


#45
2-Fluorobiphenyl
Concen: 62.18 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29



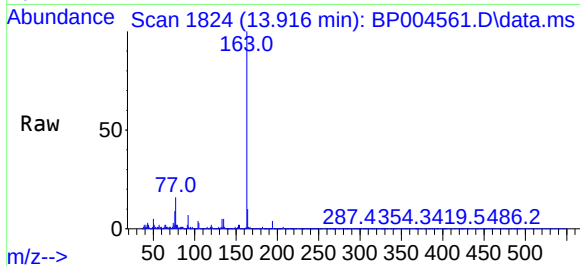
Tgt Ion:172 Resp: 2145279
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 19.2 28.8





#50
Dimethylphthalate
Concen: 2.14 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

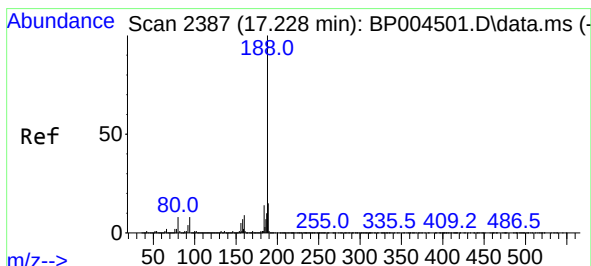
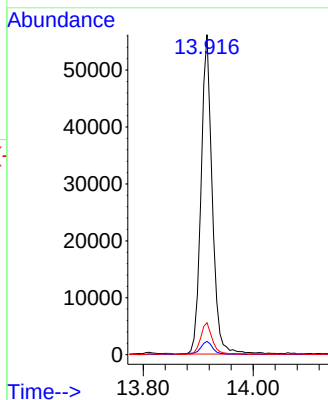
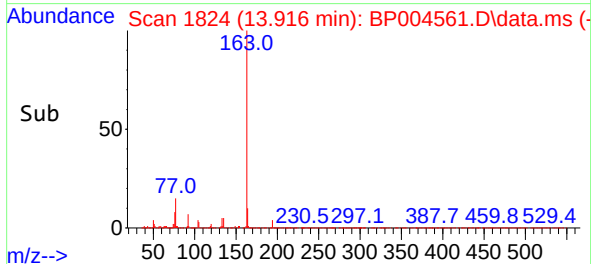
Instrument :
BNA_P
ClientSampled :
NP-SP



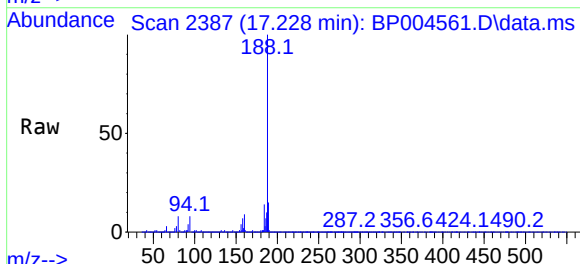
Tgt Ion:163 Resp: 79452
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2

Manual Integrations
APPROVED

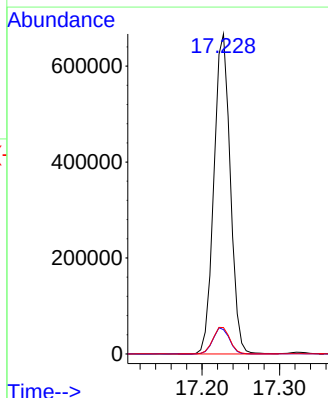
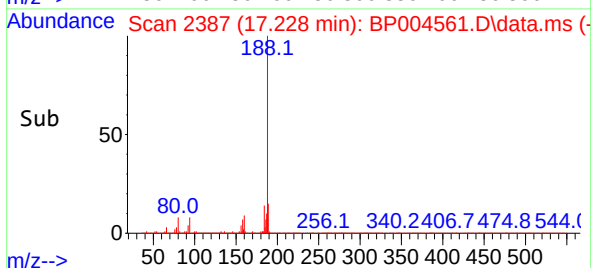
mohammad
1/15/2021 10:08:36 AM

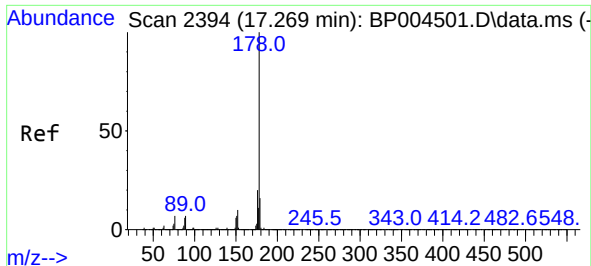


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29



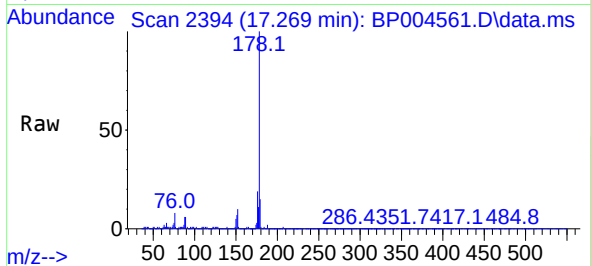
Tgt Ion:188 Resp: 975805
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.2 6.2 9.2





#71
Phenanthrene
Concen: 3.17 ng
RT: 17.269 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

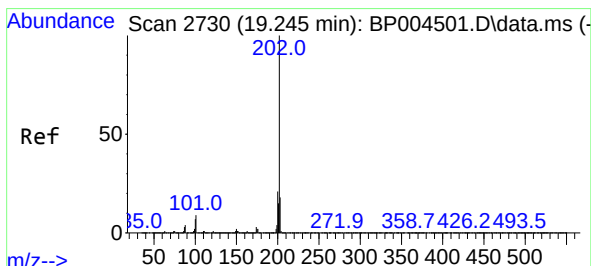
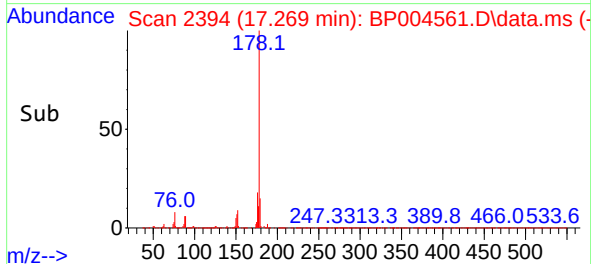
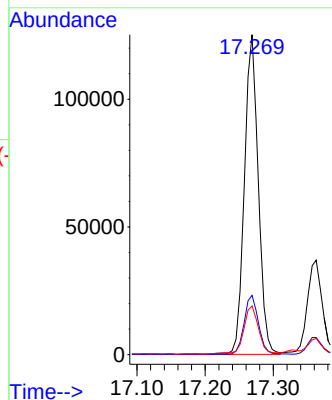
Instrument :
BNA_P
ClientSampleId :
NP-SP



Tgt Ion:178 Resp: 177171
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.2 12.5 18.7

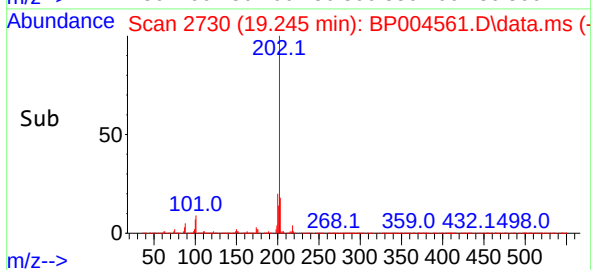
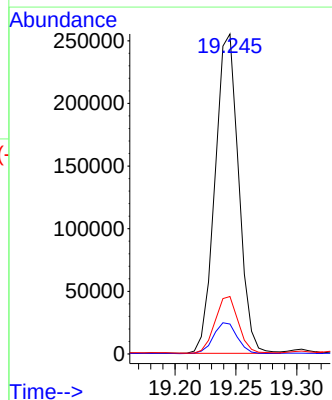
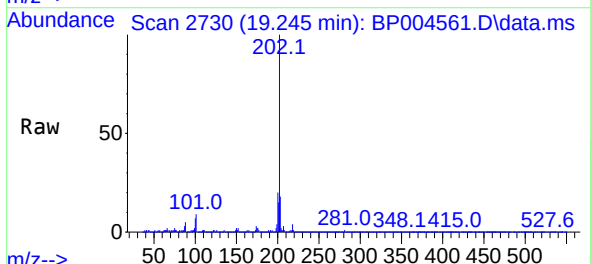
Manual Integrations
APPROVED

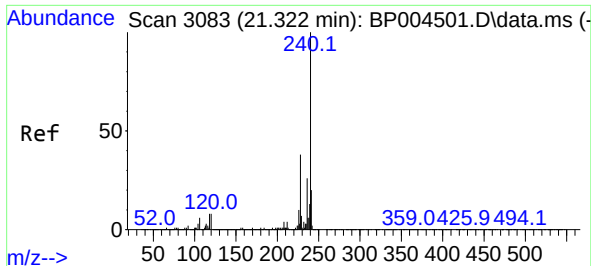
mohammad
1/15/2021 10:08:36 AM



#75
Fluoranthene
Concen: 5.05 ng
RT: 19.245 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

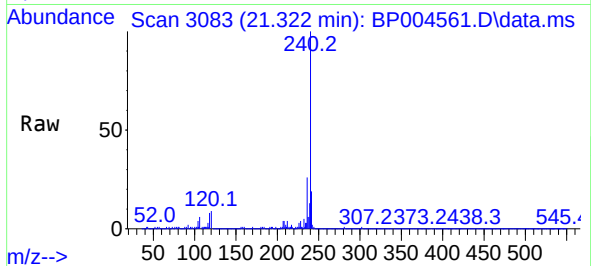
Tgt Ion:202 Resp: 343857
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 18.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

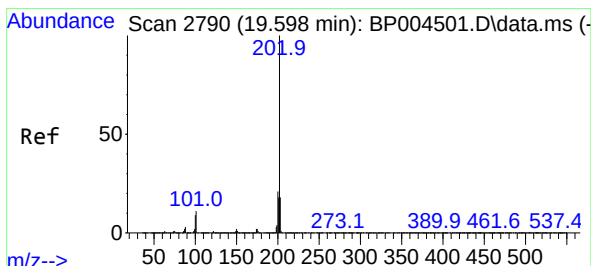
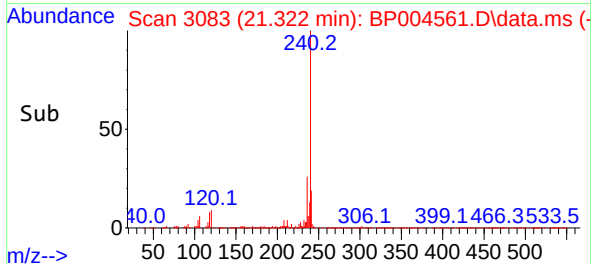
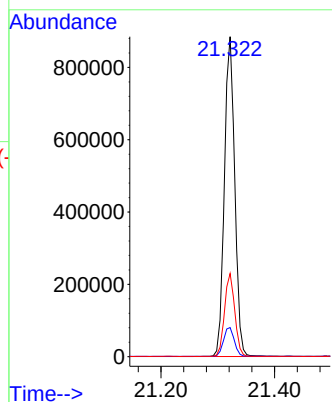
Instrument :
BNA_P
ClientSampleId :
NP-SP



Tgt Ion:240 Resp: 1126587
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.0 20.8 31.2

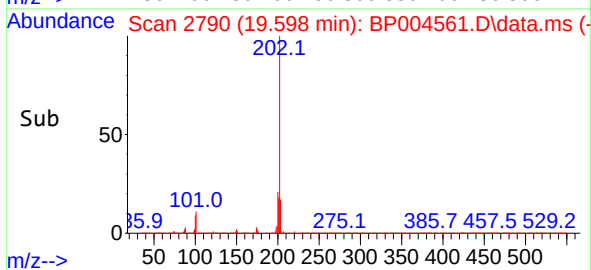
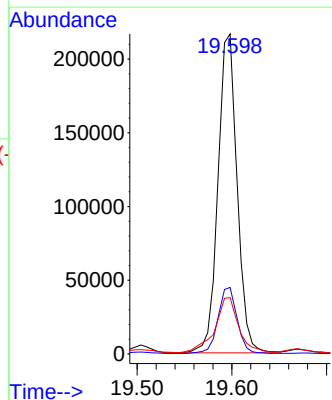
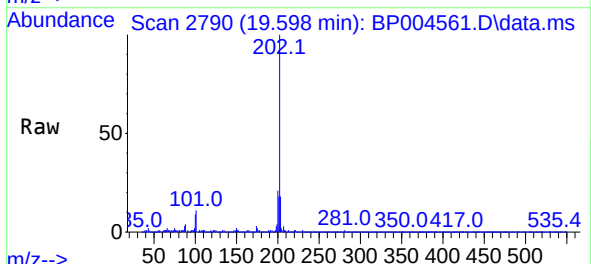
Manual Integrations
APPROVED

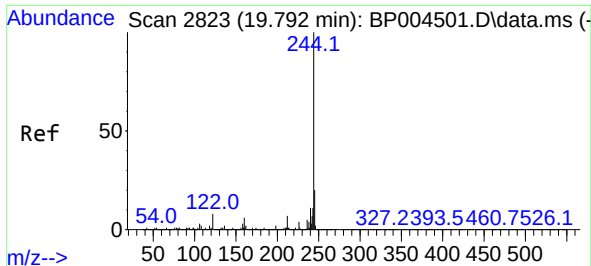
mohammad
1/15/2021 10:08:36 AM



#78
Pyrene
Concen: 3.96 ng
RT: 19.598 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:202 Resp: 303869
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.6 14.2 21.2





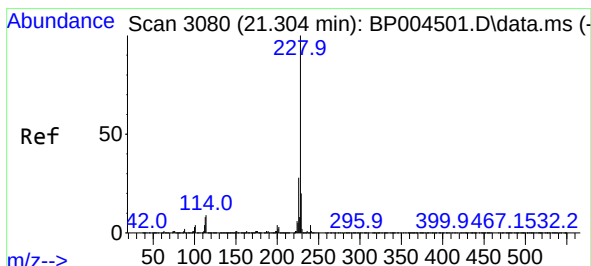
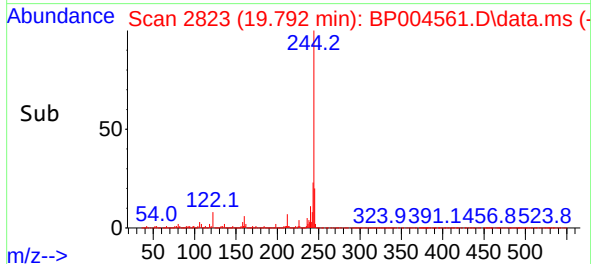
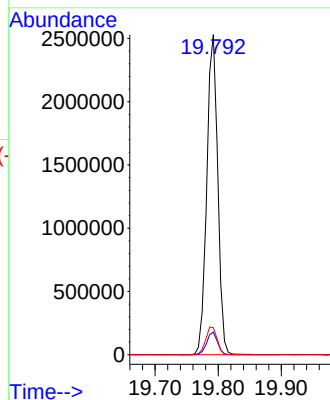
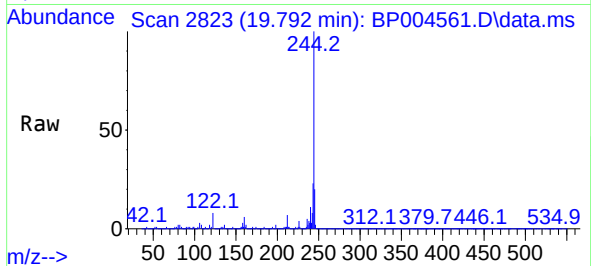
#79
Terphenyl-d14
Concen: 49.59 ng
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:244 Resp: 3057934
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.5 7.8 11.8

Instrument :
BNA_P
ClientSampleId :
NP-SP

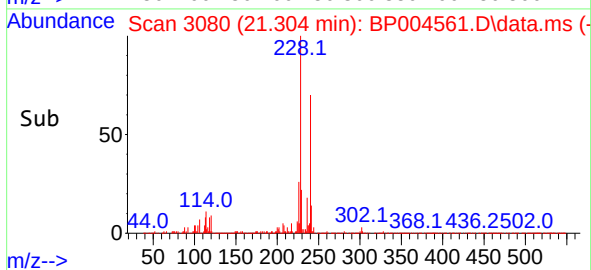
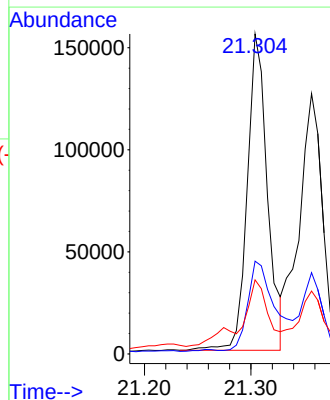
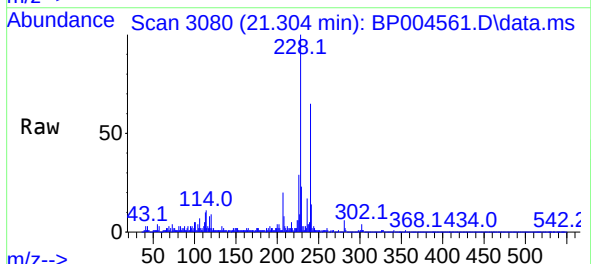
Manual Integrations
APPROVED

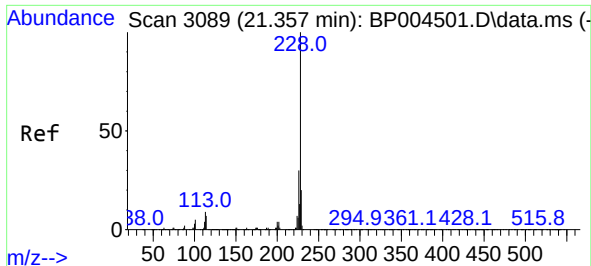
mohammad
1/15/2021 10:08:36 AM



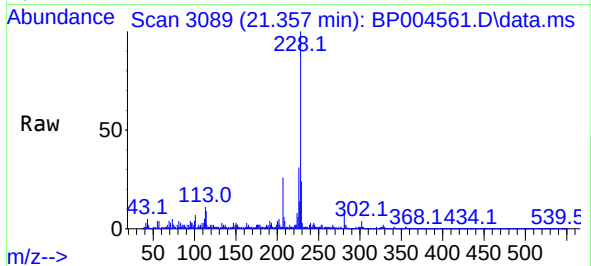
#81
Benzo(a)anthracene
Concen: 2.66 ng
RT: 21.304 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:228 Resp: 204195
Ion Ratio Lower Upper
228 100
226 29.0 22.1 33.1
229 23.2 15.9 23.9

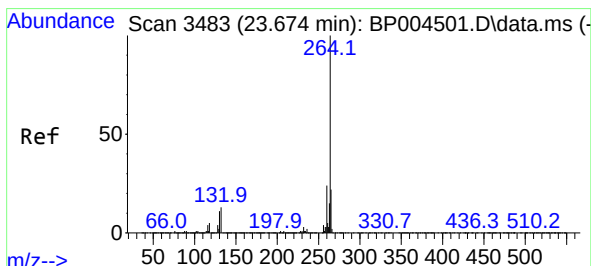
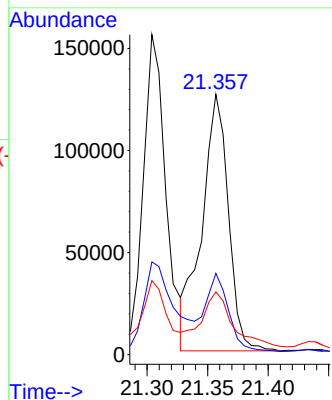
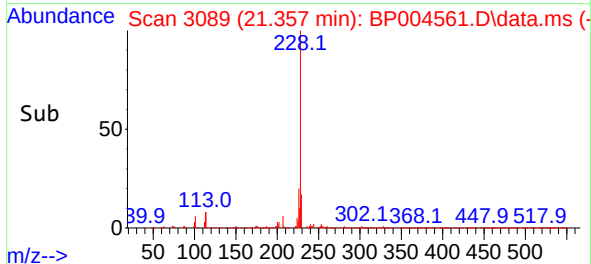




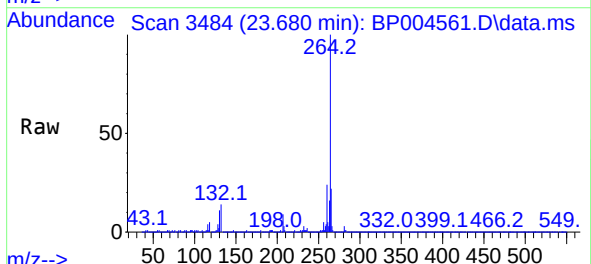
#83
Chrysene
Concen: 2.65 ng m
RT: 21.357 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29



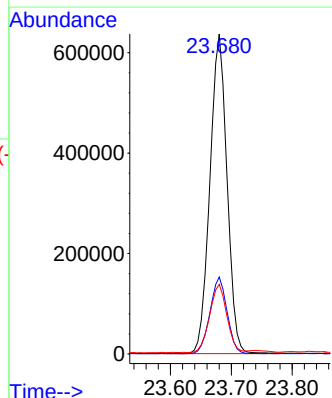
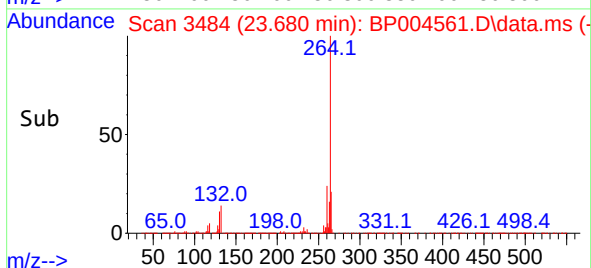
Tgt Ion: 228 Resp: 193200
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 24.1 15.8 23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29



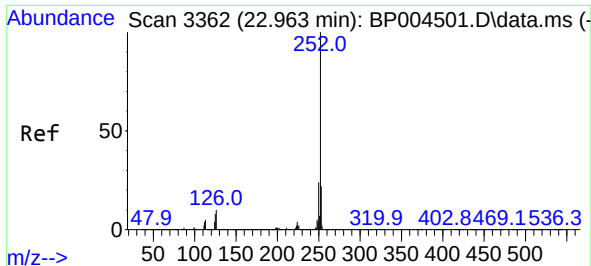
Tgt Ion: 264 Resp: 1240808
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.8 17.4 26.2



Instrument :
BNA_P
ClientSampleId :
NP-SP

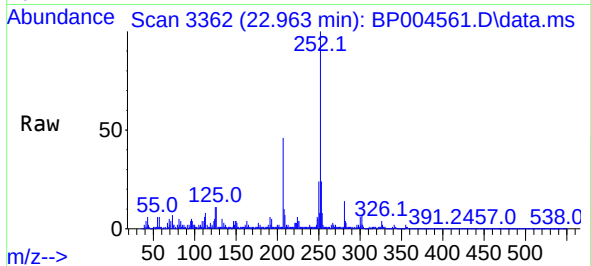
Manual Integrations
APPROVED

mohammad
1/15/2021 10:08:36 AM



#88
Benzo(b)fluoranthene
Concen: 3.26 ng m
RT: 22.963 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

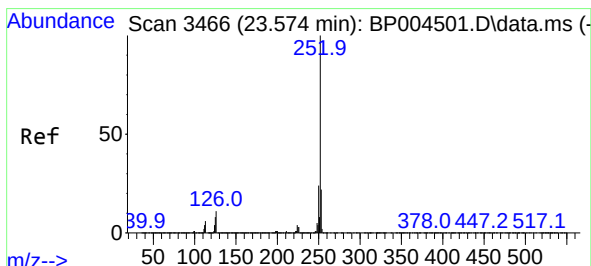
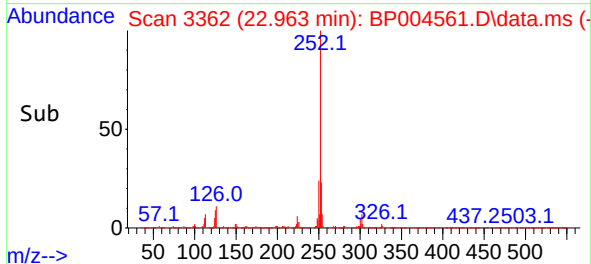
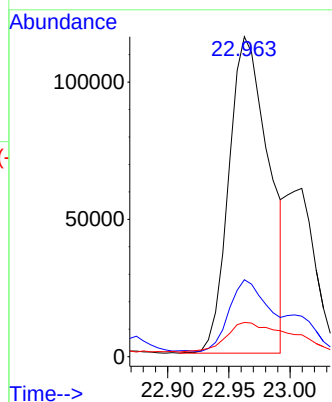
Instrument :
BNA_P
ClientSampleId :
NP-SP



Tgt Ion:252 Resp: 261626
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 10.7 7.3 10.9

Manual Integrations
APPROVED

mohammad
1/15/2021 10:08:36 AM



#90
Benzo(a)pyrene
Concen: 2.31 ng
RT: 23.574 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:252 Resp: 173408
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 11.1 8.2 12.4

