

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
 Data File : BP006878.D
 Acq On : 25 Aug 2021 13:11
 Operator : CG/JU
 Sample : M3463-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-18-0204

Manual Integrations
 APPROVED

mohammad
 8/26/2021 11:40:32 AM

Quant Time: Aug 25 14:28:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 25 11:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	172192	20.000	ng	0.00
21) Naphthalene-d8	10.463	136	707825	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	392638	20.000	ng	0.00
64) Phenanthrene-d10	17.087	188	776560	20.000	ng	# 0.00
76) Chrysene-d12	21.198	240	778309	20.000	ng	# 0.00
86) Perylene-d12	23.504	264	836068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1016767	90.695	ng	0.00
7) Phenol-d6	6.875	99	1294809	81.306	ng	0.00
23) Nitrobenzene-d5	8.846	82	1071694	69.885	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	354423	86.371	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1515579	57.750	ng	0.00
79) Terphenyl-d14	19.669	244	1687081	43.435	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.046	152	107442	2.911	ng	98
71) Phenanthrene	17.128	178	244050	5.572	ng	99
75) Fluoranthene	19.110	202	653276	13.288	ng	95
78) Pyrene	19.463	202	634552	12.206	ng	99
81) Benzo(a)anthracene	21.180	228	366401m	7.203	ng	
83) Chrysene	21.233	228	396690m	8.045	ng	
84) Bis(2-ethylhexyl)phtha...	21.122	149	93705	2.728	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.874	276	270362m	4.460	ng	
88) Benzo(b)fluoranthene	22.804	252	520555	9.580	ng	# 95
89) Benzo(k)fluoranthene	22.845	252	177306m	3.399	ng	
90) Benzo(a)pyrene	23.398	252	371182	7.616	ng	# 94
92) Benzo(g,h,i)perylene	26.610	276	275643	5.488	ng	# 90

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

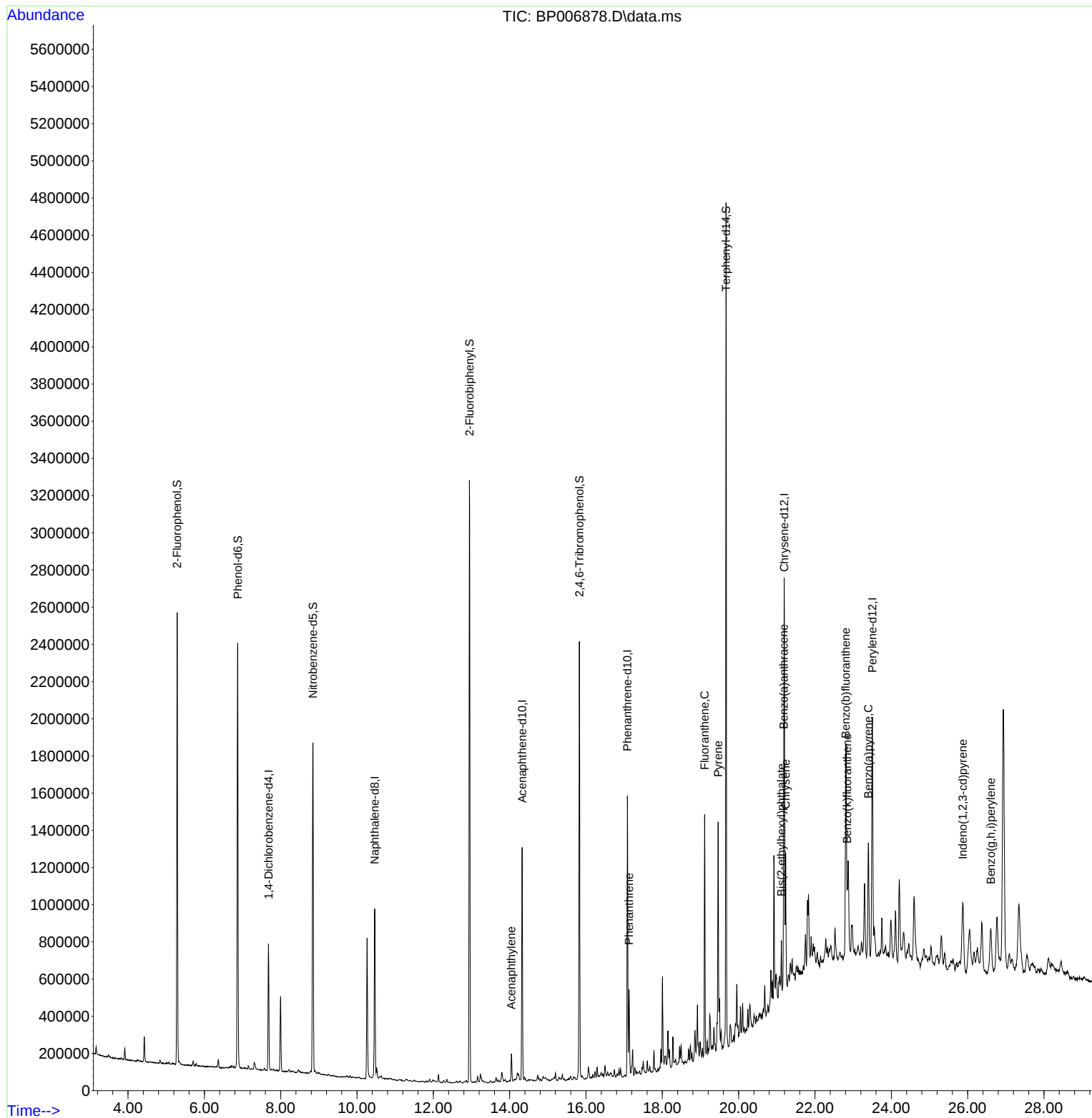
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006878.D
Acq On : 25 Aug 2021 13:11
Operator : CG/JU
Sample : M3463-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

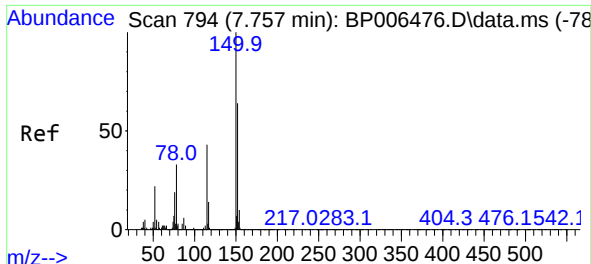
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204

Manual Integrations
APPROVED

mohammad
8/26/2021 11:40:32 AM

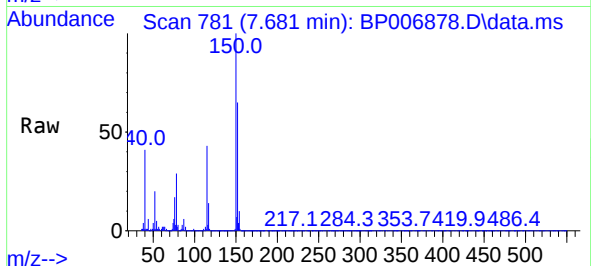
Quant Time: Aug 25 14:28:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 11:27:41 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

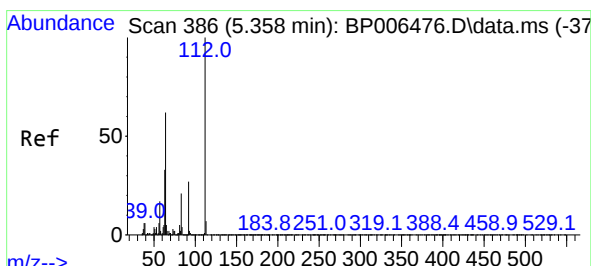
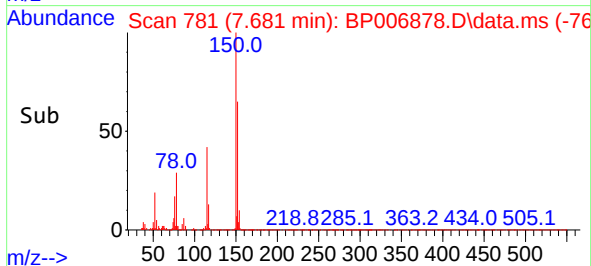
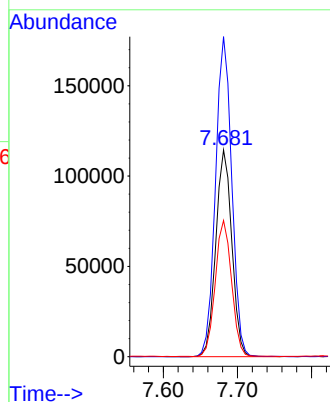
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



Tgt Ion:152 Resp: 172192
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 65.8 48.5 72.7

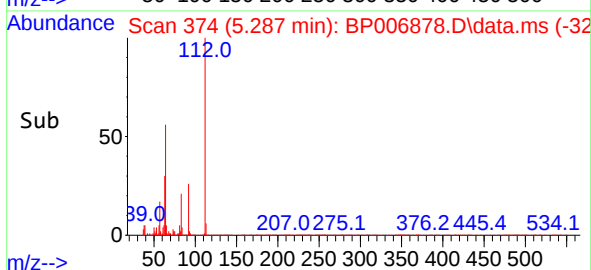
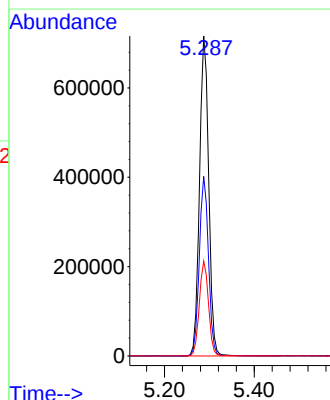
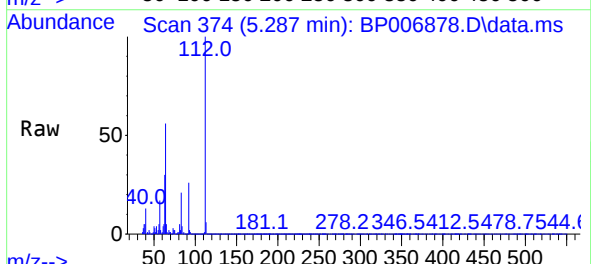
Manual Integrations
APPROVED

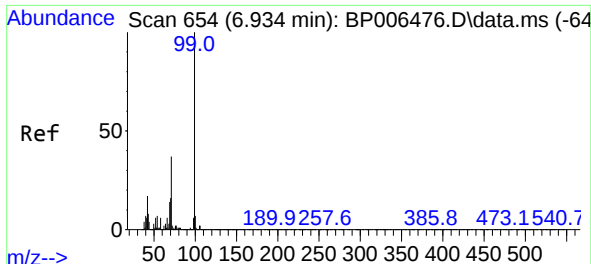
mohammad
8/26/2021 11:40:32 AM



#5
2-Fluorophenol
Concen: 90.695 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

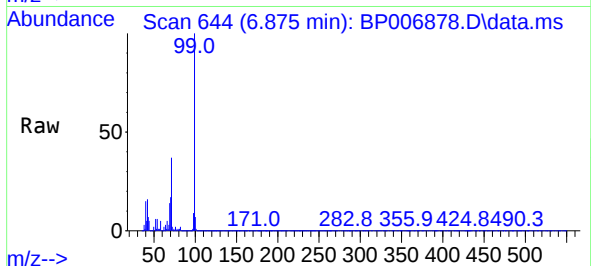
Tgt Ion:112 Resp: 1016767
Ion Ratio Lower Upper
112 100
64 56.1 41.4 62.2
63 29.6 23.8 35.8





#7
Phenol-d6
Concen: 81.306 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

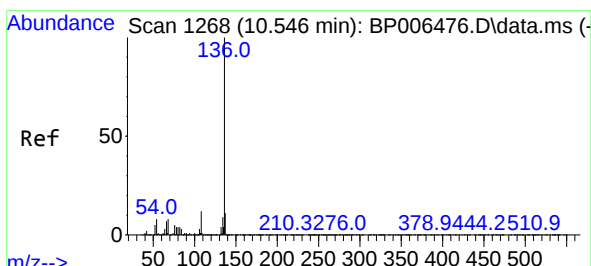
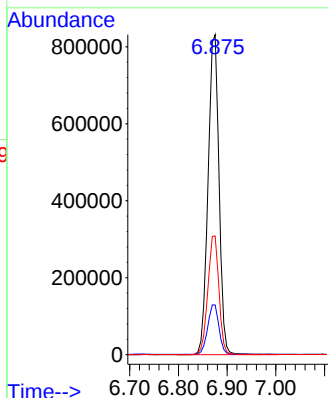
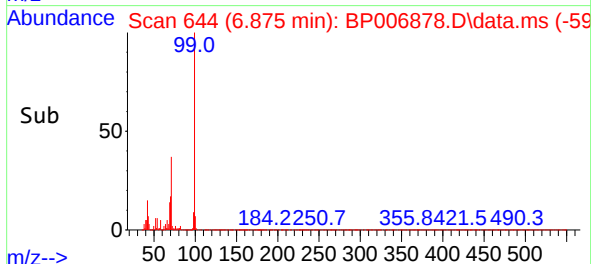
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



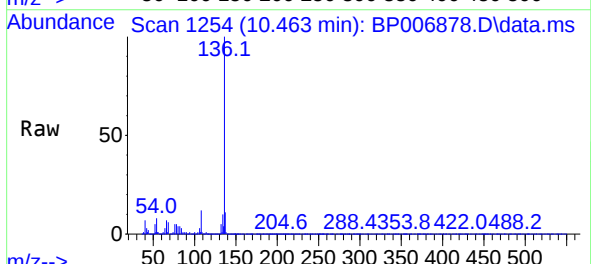
Tgt Ion: 99 Resp: 1294809
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.0
71 37.1 30.6 46.0

Manual Integrations
APPROVED

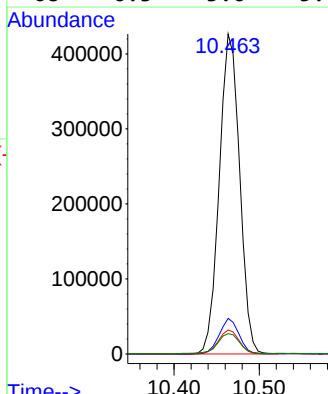
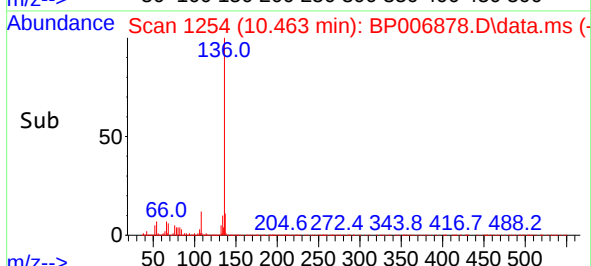
mohammad
8/26/2021 11:40:32 AM

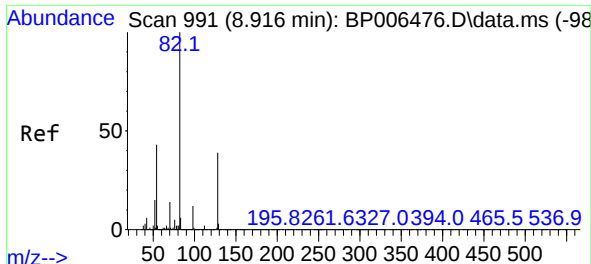


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11



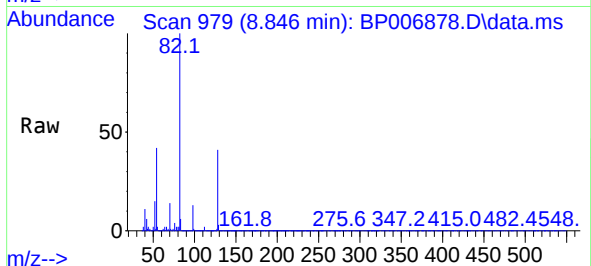
Tgt Ion: 136 Resp: 707825
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.5 4.6 6.8#
68 6.3 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 69.885 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

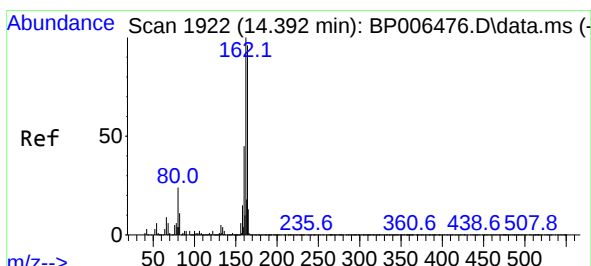
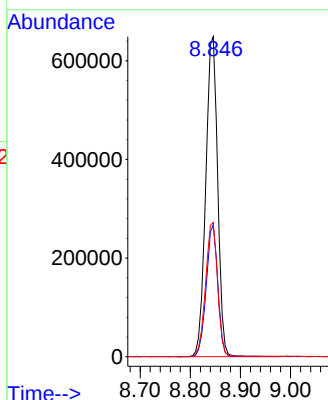
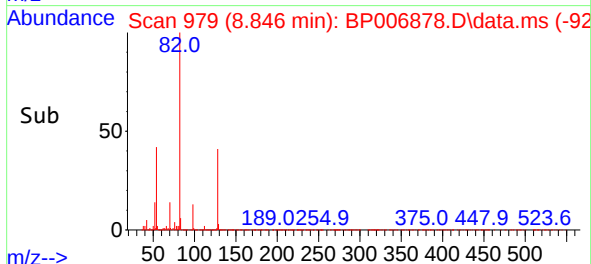
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



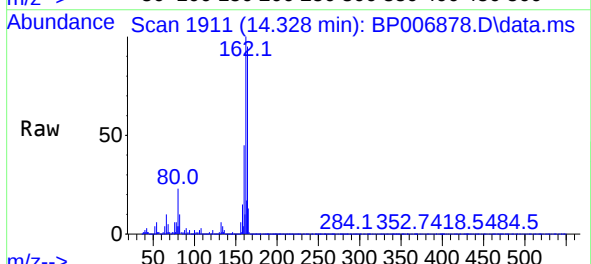
Tgt Ion: 82 Resp: 1071694
Ion Ratio Lower Upper
82 100
128 41.2 35.7 53.5
54 41.9 35.0 52.4

Manual Integrations
APPROVED

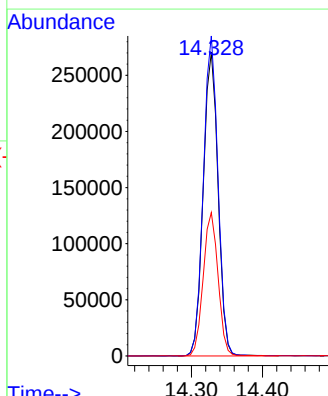
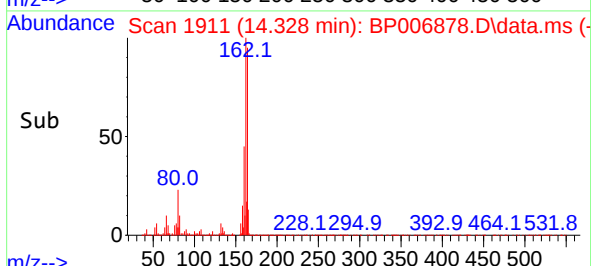
mohammad
8/26/2021 11:40:32 AM

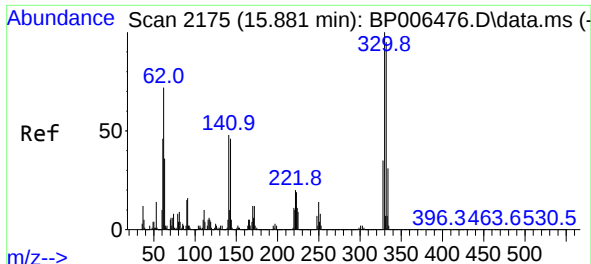


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11



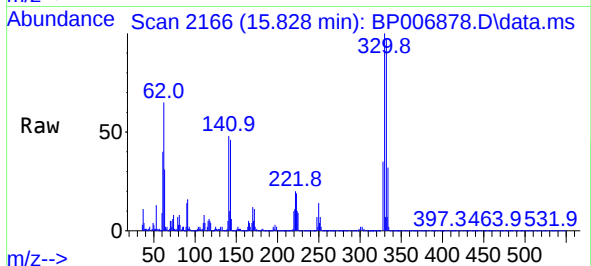
Tgt Ion: 164 Resp: 392638
Ion Ratio Lower Upper
164 100
162 105.3 80.2 120.2
160 47.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 86.371 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

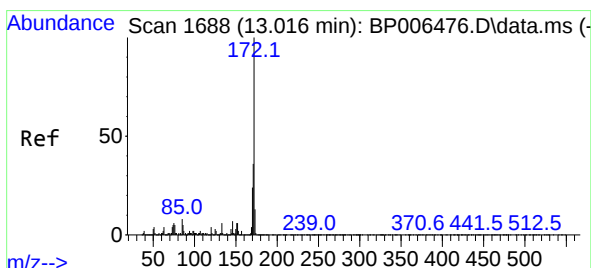
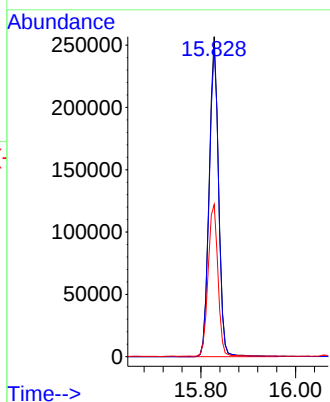
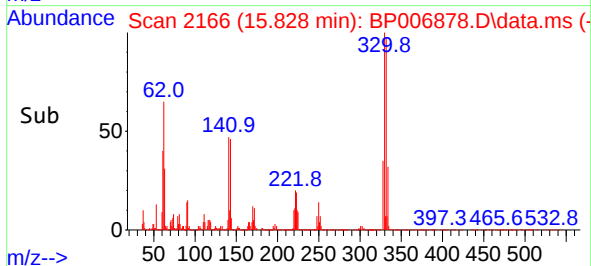
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



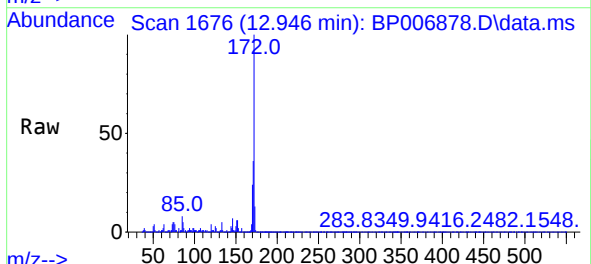
Tgt Ion:330 Resp: 354423
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 49.3 25.4 38.2#

Manual Integrations
APPROVED

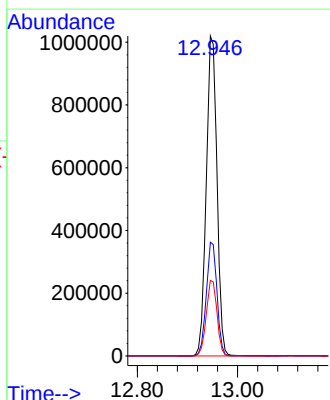
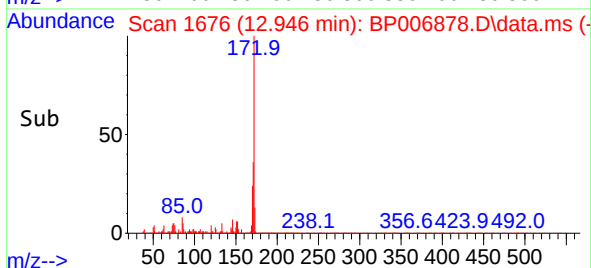
mohammad
8/26/2021 11:40:32 AM

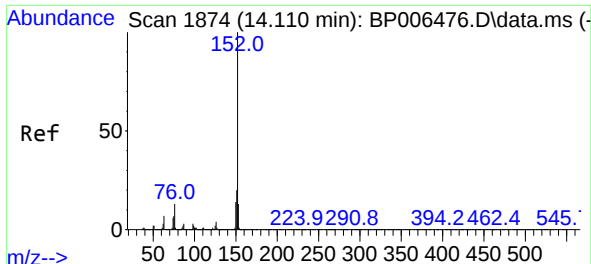


#45
2-Fluorobiphenyl
Concen: 57.750 ng
RT: 12.946 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11



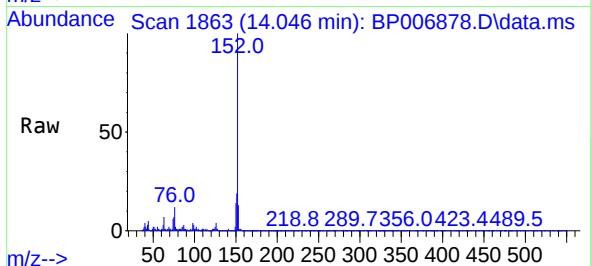
Tgt Ion:172 Resp: 1515579
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 18.6 27.8





#49
Acenaphthylene
Concen: 2.911 ng
RT: 14.046 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

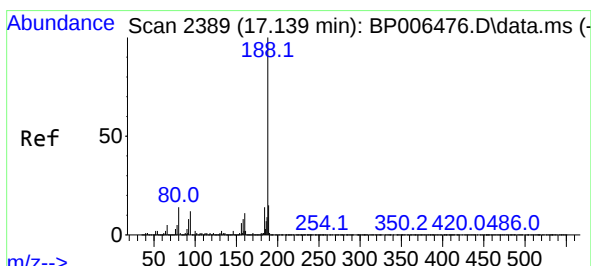
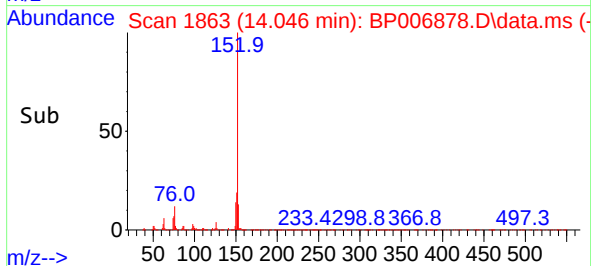
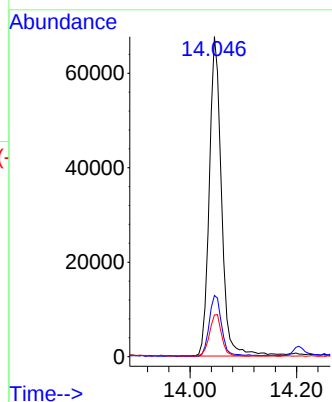
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



Tgt Ion:152 Resp: 107442
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.2
153 13.1 10.6 16.0

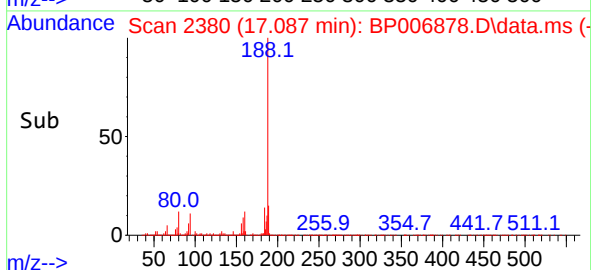
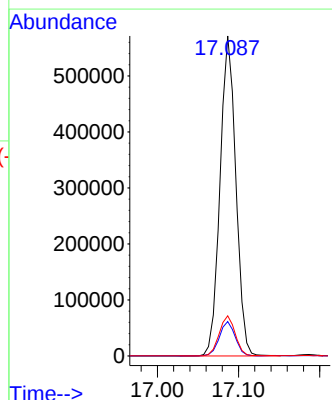
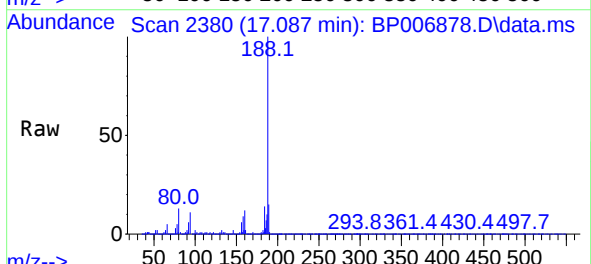
Manual Integrations
APPROVED

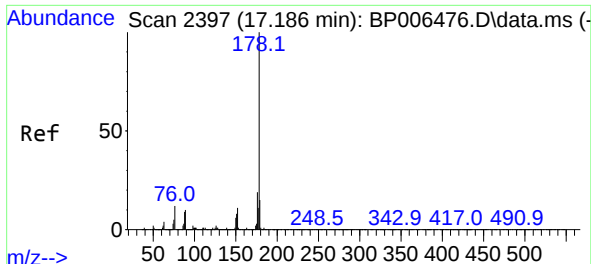
mohammad
8/26/2021 11:40:32 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

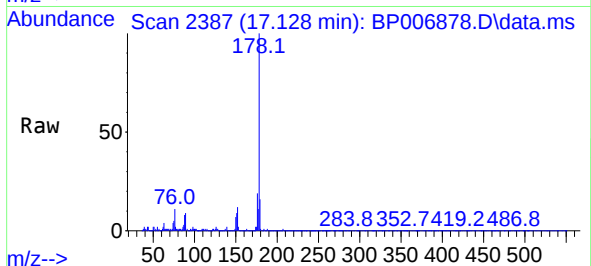
Tgt Ion:188 Resp: 776560
Ion Ratio Lower Upper
188 100
94 10.8 5.6 8.4#
80 12.5 6.3 9.5#





#71
Phenanthrene
Concen: 5.572 ng
RT: 17.128 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

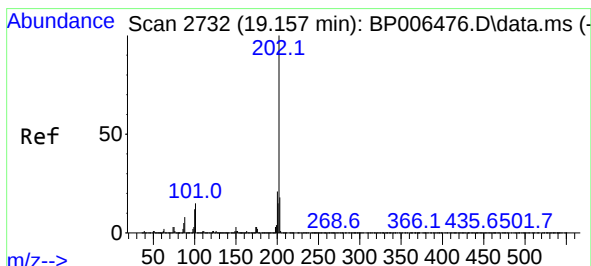
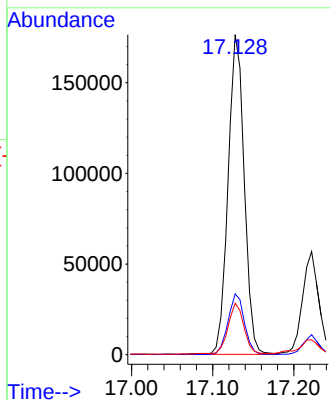
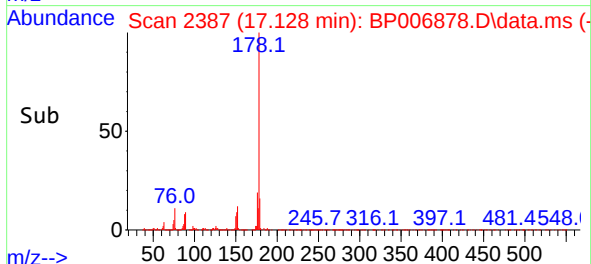
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



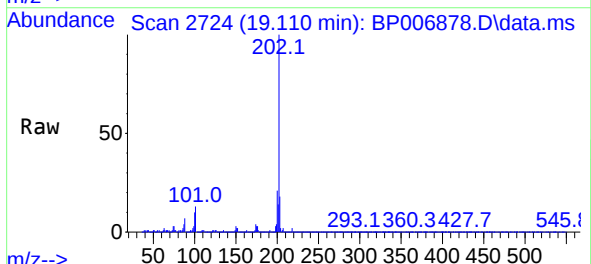
Tgt Ion:178 Resp: 244050
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.1 12.4 18.6

Manual Integrations
APPROVED

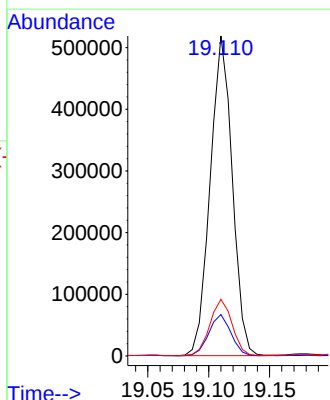
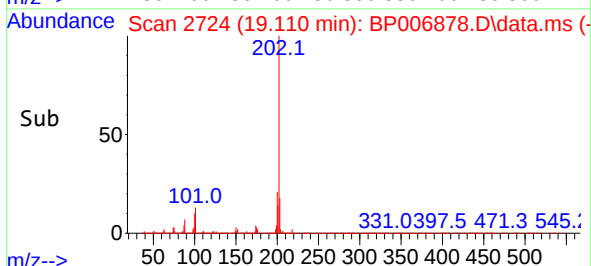
mohammad
8/26/2021 11:40:32 AM

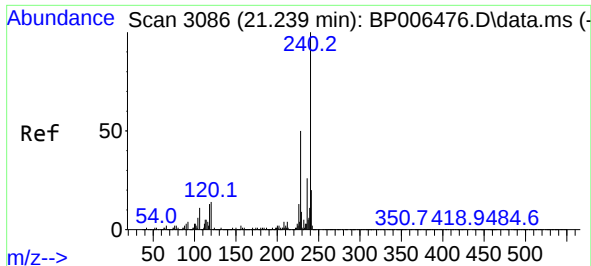


#75
Fluoranthene
Concen: 13.288 ng
RT: 19.110 min Scan# 2724
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

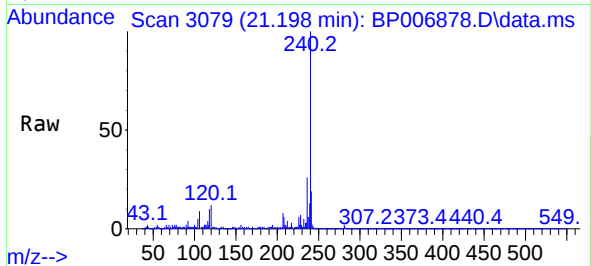


Tgt Ion:202 Resp: 653276
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 17.7 0.0 37.8

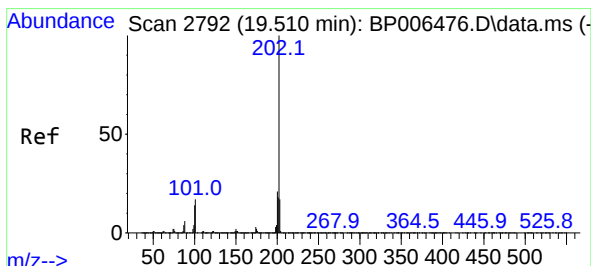
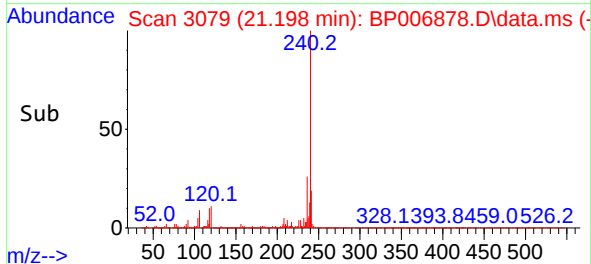
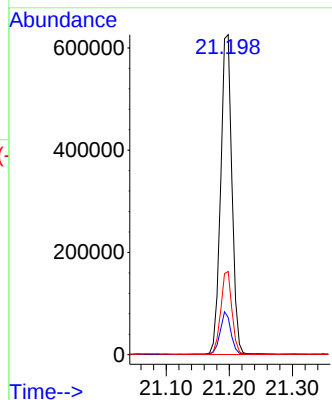




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

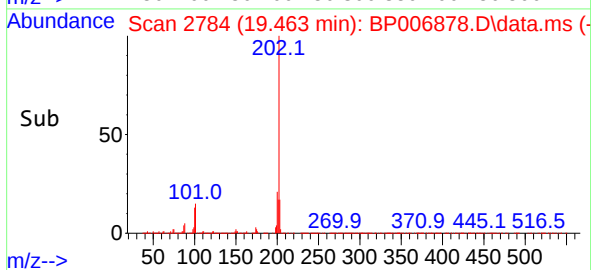
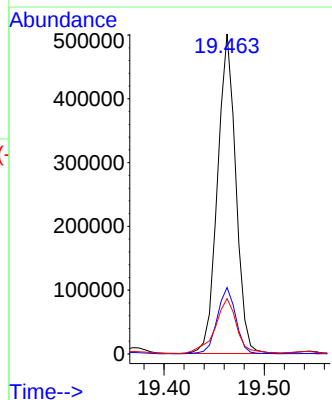
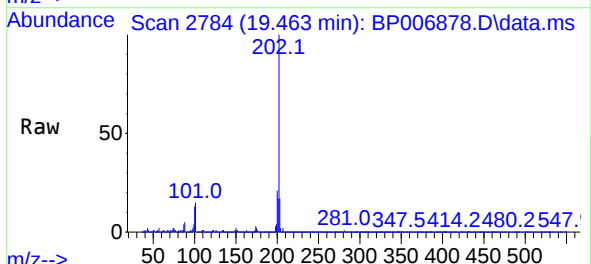


Tgt Ion:240 Resp: 778309
Ion Ratio Lower Upper
240 100
120 11.6 6.5 9.7#
236 26.0 20.6 31.0



#78
Pyrene
Concen: 12.206 ng
RT: 19.463 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

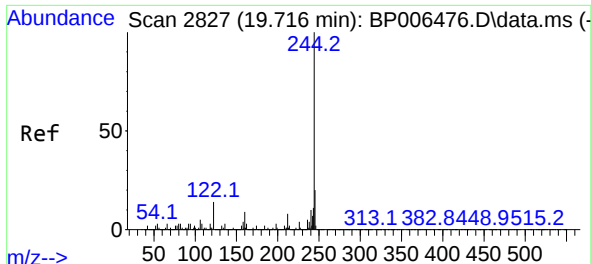
Tgt Ion:202 Resp: 634552
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.3 14.2 21.2



Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204

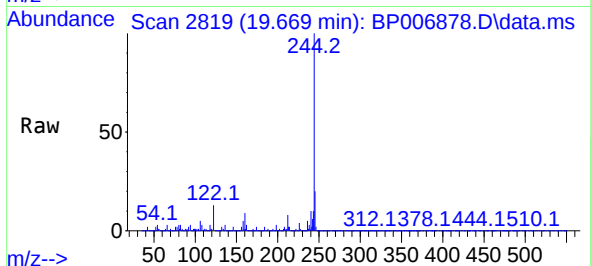
Manual Integrations
APPROVED

mohammad
8/26/2021 11:40:32 AM



#79
Terphenyl-d14
Concen: 43.435 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

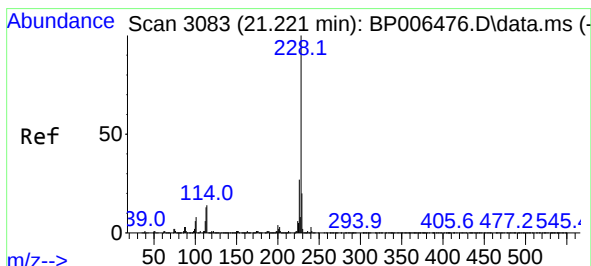
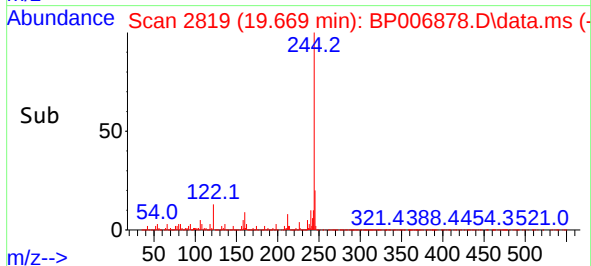
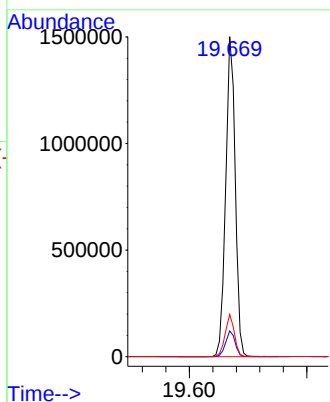
Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204



Tgt Ion:244 Resp: 1687081
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.2 7.1 10.7#

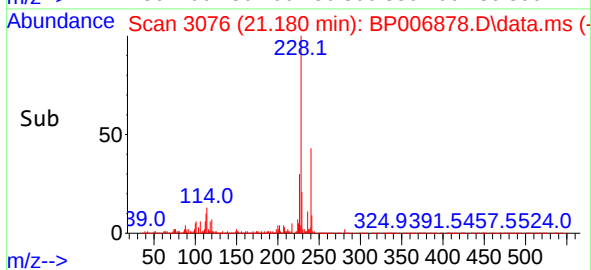
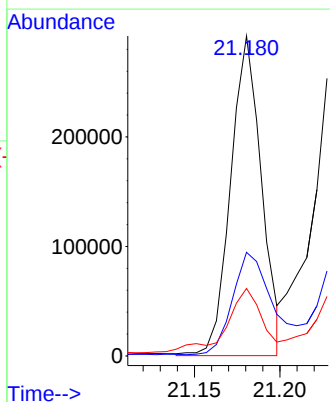
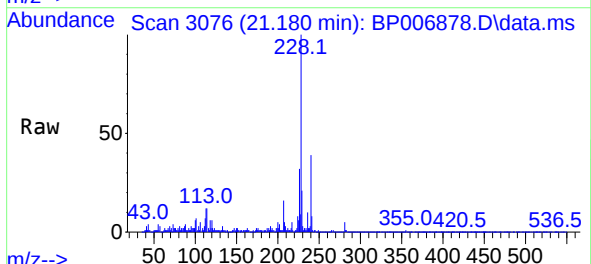
Manual Integrations
APPROVED

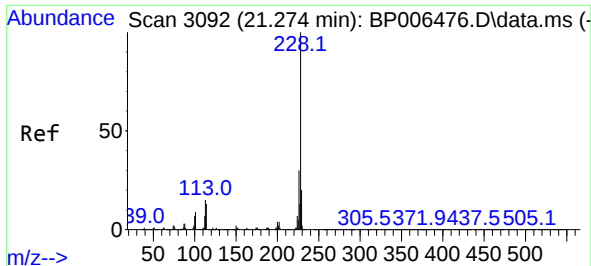
mohammad
8/26/2021 11:40:32 AM



#81
Benzo(a)anthracene
Concen: 7.203 ng m
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion:228 Resp: 366401
Ion Ratio Lower Upper
228 100
226 32.4 21.6 32.4#
229 21.1 15.8 23.6





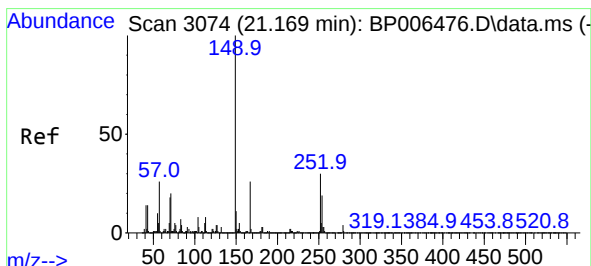
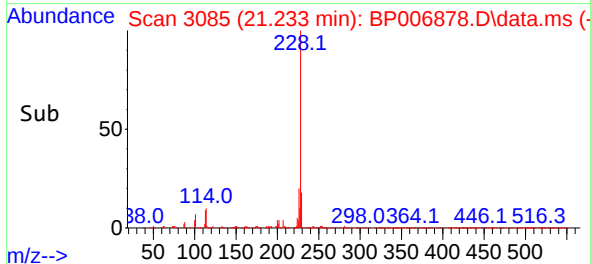
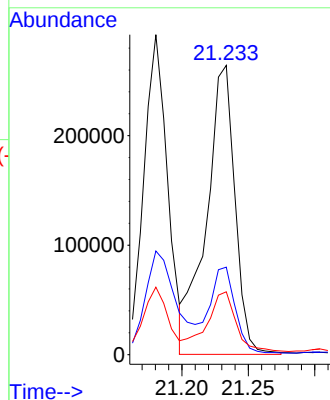
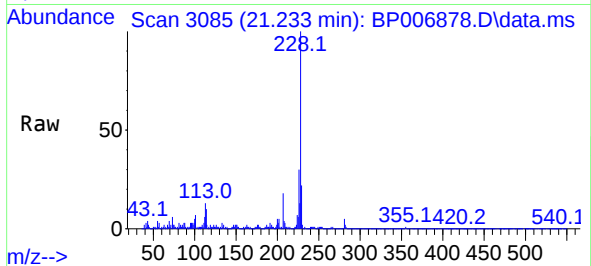
#83
Chrysene
Concen: 8.045 ng m
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 228 Resp: 396690
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 21.7 15.4 23.2

Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204

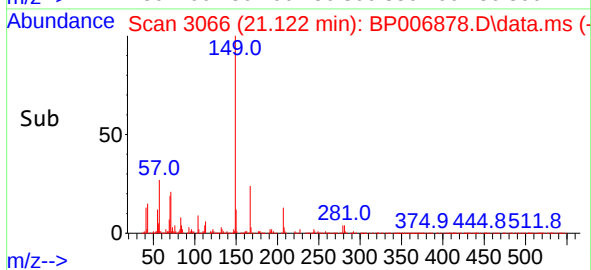
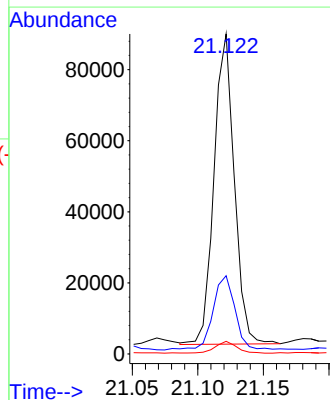
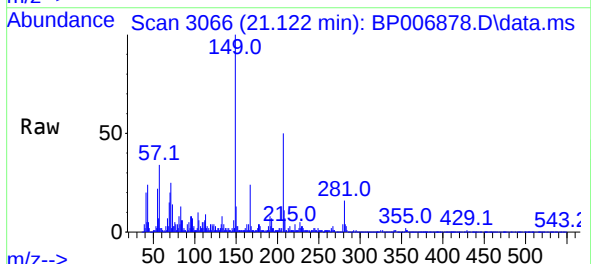
Manual Integrations
APPROVED

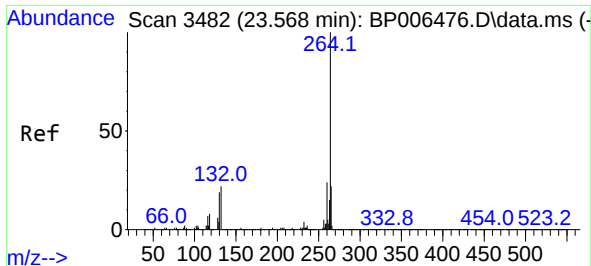
mohammad
8/26/2021 11:40:32 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.728 ng
RT: 21.122 min Scan# 3066
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 149 Resp: 93705
Ion Ratio Lower Upper
149 100
167 24.5 21.9 32.9
279 3.9 4.3 6.5#





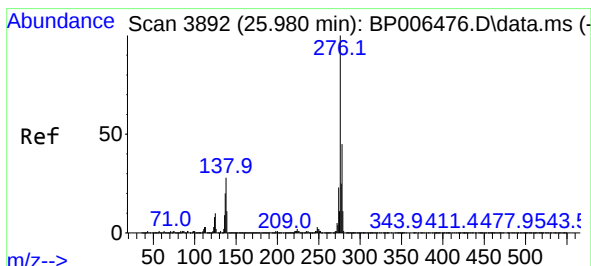
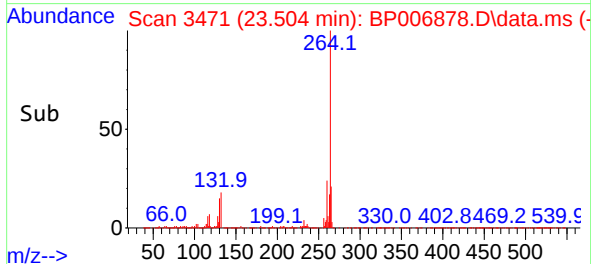
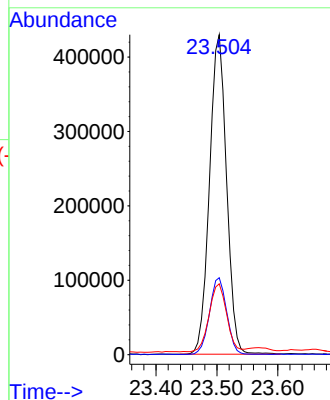
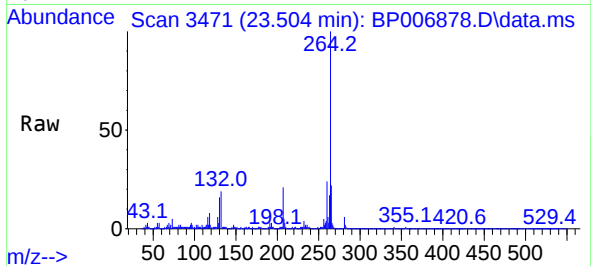
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.504 min Scan# 3471
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 264 Resp: 836068
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.1 17.6 26.4

Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204

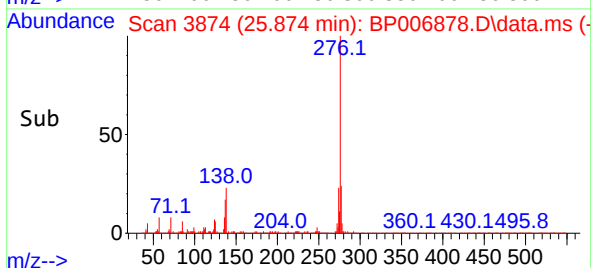
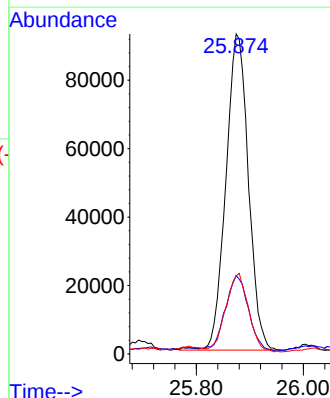
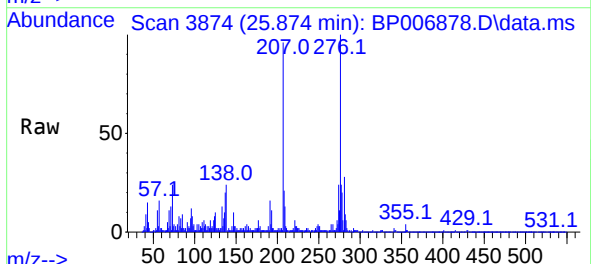
Manual Integrations
APPROVED

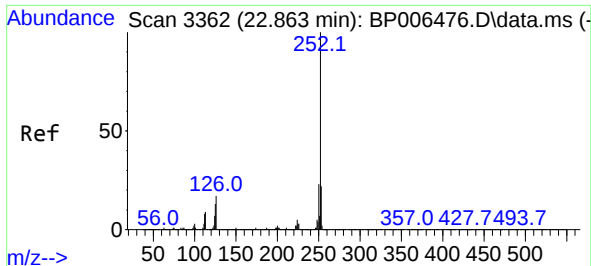
mohammad
8/26/2021 11:40:32 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.460 ng m
RT: 25.874 min Scan# 3874
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

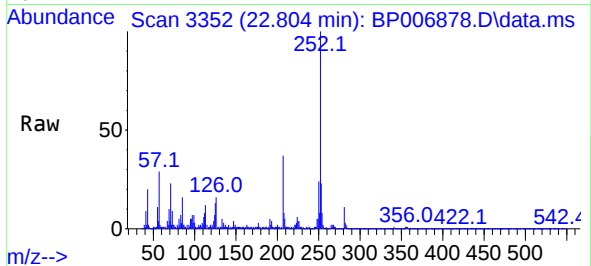
Tgt Ion: 276 Resp: 270362
Ion Ratio Lower Upper
276 100
138 2.5 15.3 22.9#
277 2.4 20.4 30.6#





#88
Benzo(b)fluoranthene
Concen: 9.580 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

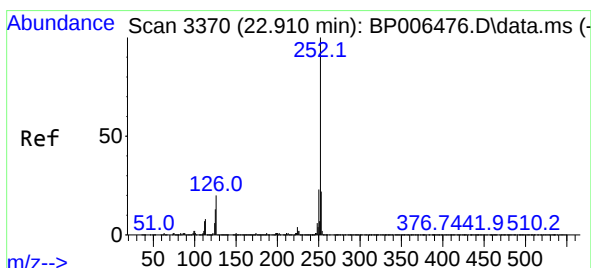
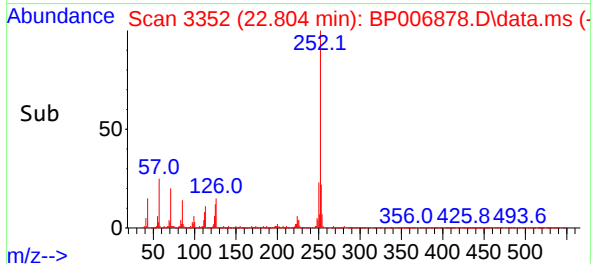
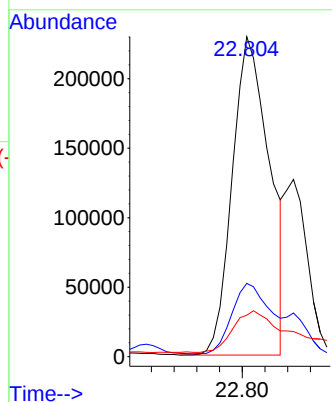
Instrument :
BNA_P
ClientSampled :
SWCS-18-0204



Tgt Ion:252 Resp: 520555
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 13.0 6.2 9.4#

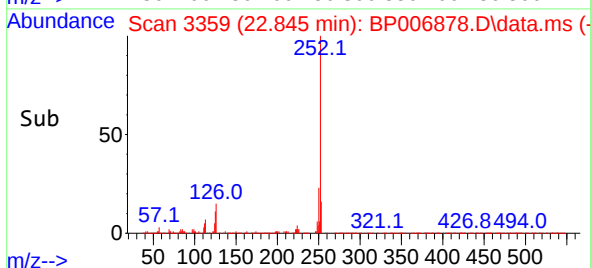
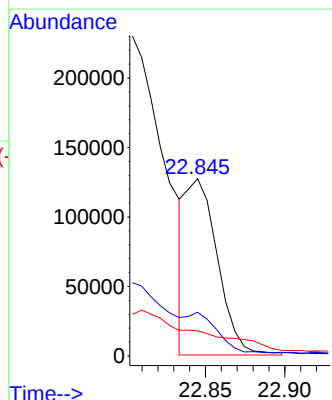
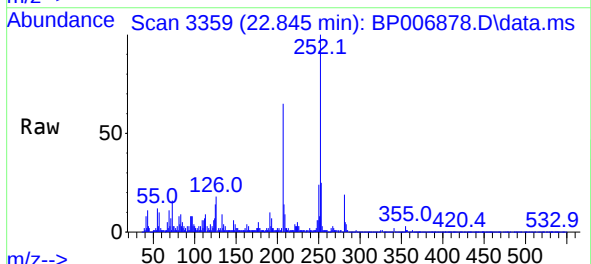
Manual Integrations
APPROVED

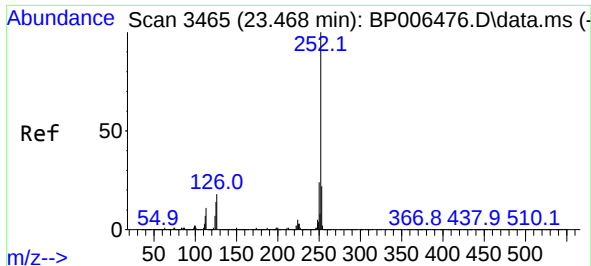
mohammad
8/26/2021 11:40:32 AM



#89
Benzo(k)fluoranthene
Concen: 3.399 ng m
RT: 22.845 min Scan# 3359
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion:252 Resp: 177306
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 14.1 6.0 9.0#





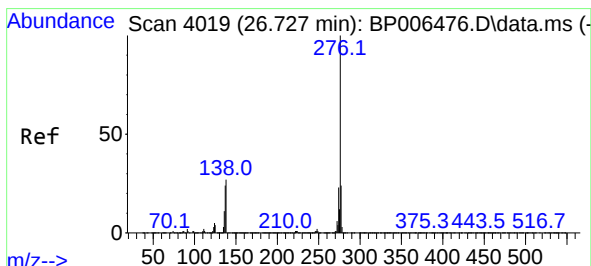
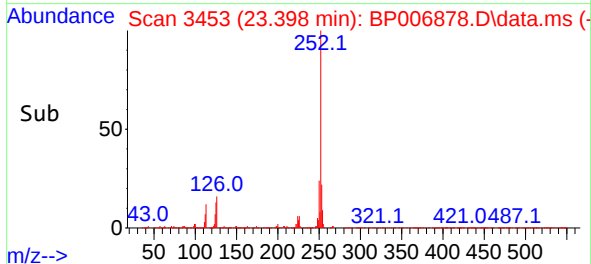
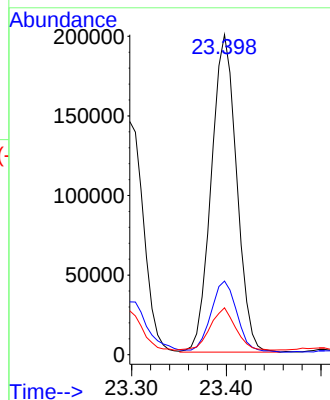
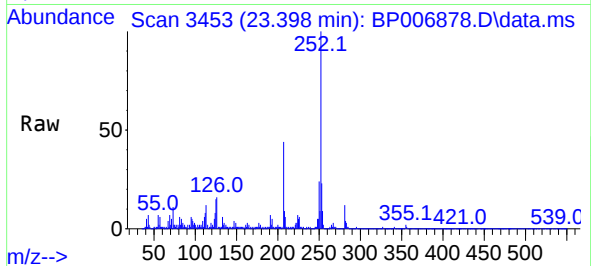
#90
Benzo(a)pyrene
Concen: 7.616 ng
RT: 23.398 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 252 Resp: 371182
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 14.6 6.5 9.7#

Instrument :
BNA_P
ClientSampleId :
SWCS-18-0204

Manual Integrations
APPROVED

mohammad
8/26/2021 11:40:32 AM



#92
Benzo(g,h,i)perylene
Concen: 5.488 ng
RT: 26.610 min Scan# 3999
Delta R.T. 0.006 min
Lab File: BP006878.D
Acq: 25 Aug 2021 13:11

Tgt Ion: 276 Resp: 275643
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 25.9 12.6 18.8#

