

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
 Data File : BP006851.D
 Acq On : 24 Aug 2021 16:58
 Operator : CG/JU
 Sample : M3502-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-MAEC-01

Manual Integrations
 APPROVED

mohammad
 8/25/2021 3:35:34 PM

Quant Time: Aug 25 02:33:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 13:40:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	162189	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	677293	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	380615	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	748909	20.000	ng	# 0.00
76) Chrysene-d12	21.198	240	759704	20.000	ng	#-0.01
86) Perylene-d12	23.516	264	840956	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1246754	118.069	ng	0.00
7) Phenol-d6	6.881	99	1565287	104.352	ng	0.00
23) Nitrobenzene-d5	8.852	82	1054220	71.845	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	515091	129.490	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1828581	71.878	ng	0.00
79) Terphenyl-d14	19.675	244	2579640	68.040	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.134	178	89725	2.124	ng	99
75) Fluoranthene	19.116	202	146258	3.085	ng	95
78) Pyrene	19.469	202	136192	2.684	ng	97
83) Chrysene	21.239	228	109462m	2.274	ng	

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

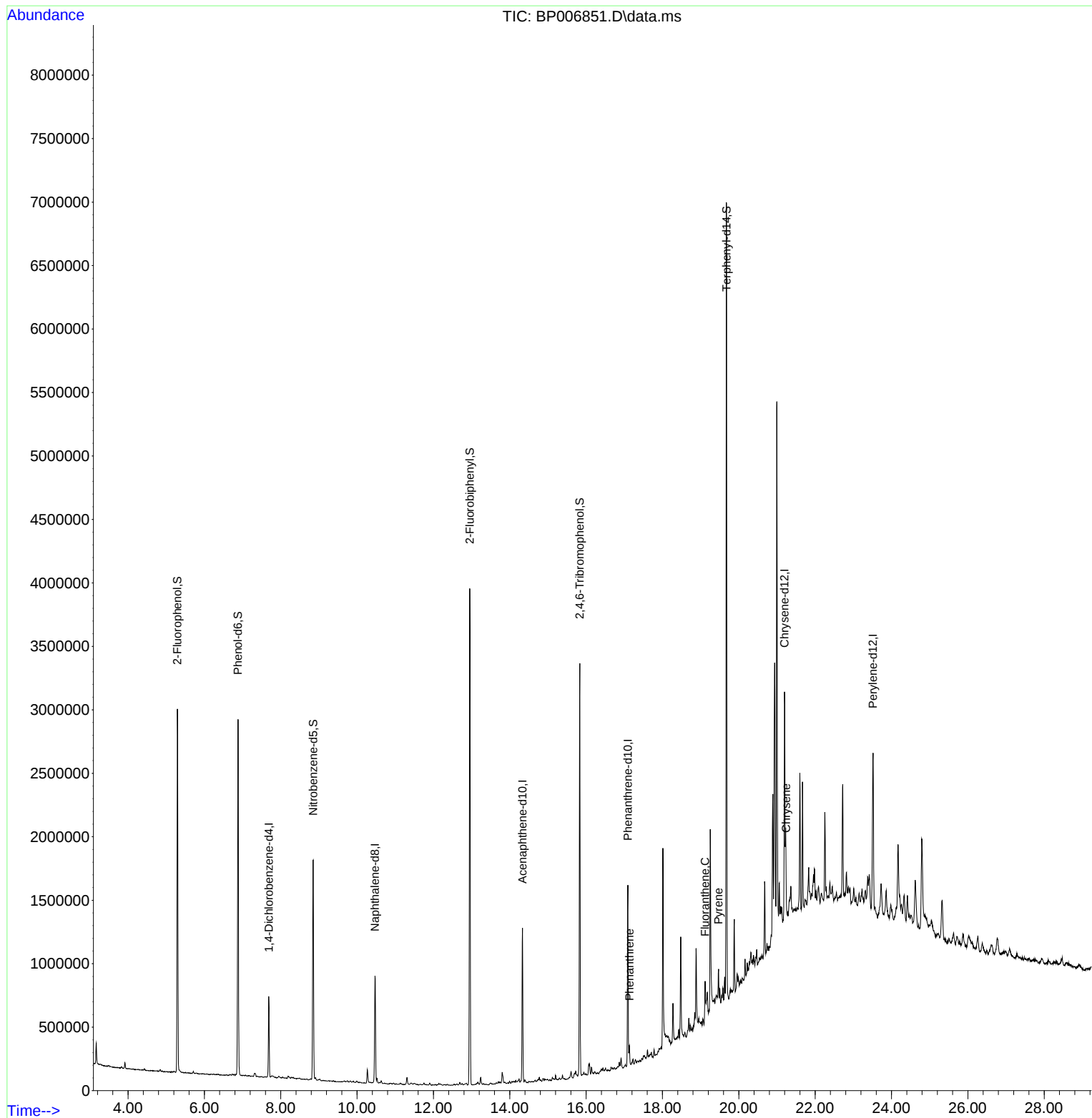
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006851.D
Acq On : 24 Aug 2021 16:58
Operator : CG/JU
Sample : M3502-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

Manual Integrations
APPROVED

mohammad
8/25/2021 3:35:34 PM

Quant Time: Aug 25 02:33:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 13:40:38 2021
Response via : Initial Calibration





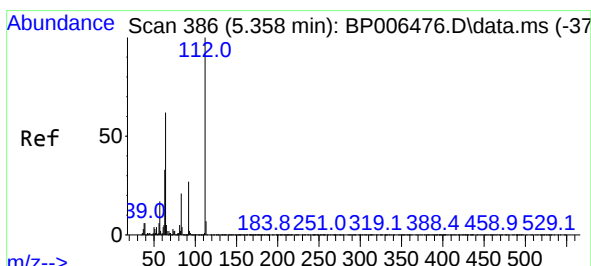
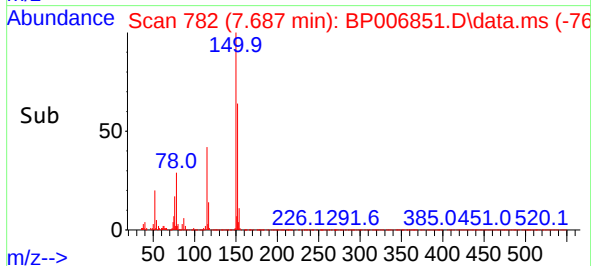
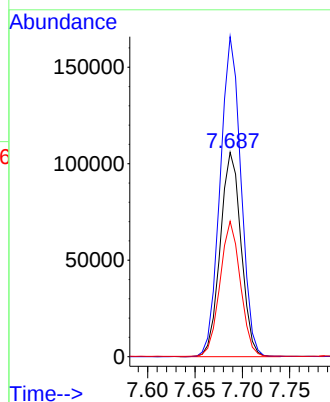
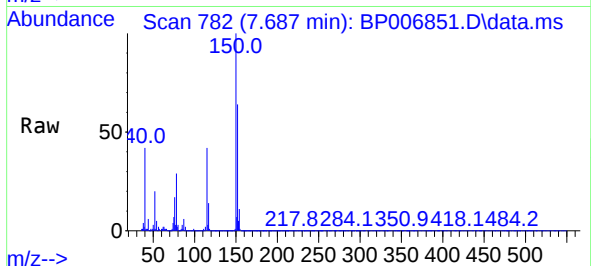
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

Tgt Ion:152 Resp: 162189
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 66.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

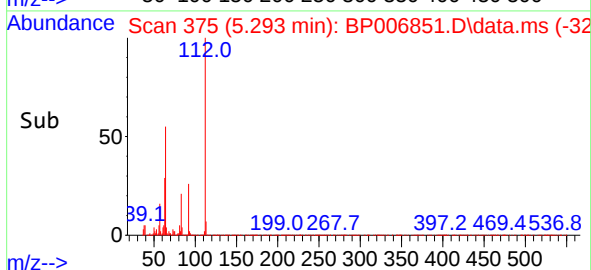
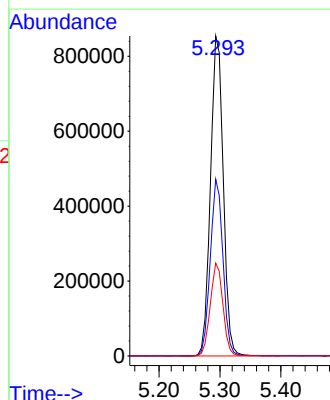
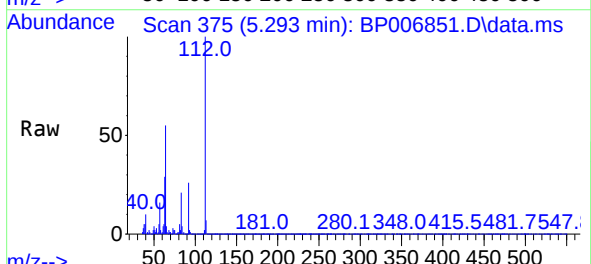
Manual Integrations
APPROVED

mohammad
8/25/2021 3:35:34 PM



#5
2-Fluorophenol
Concen: 118.069 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

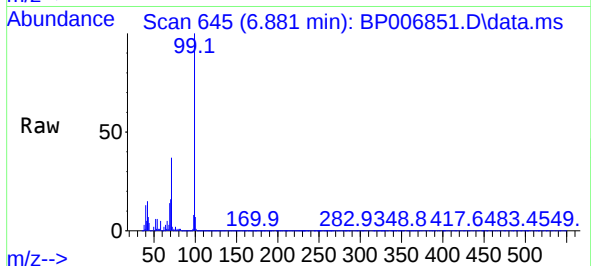
Tgt Ion:112 Resp: 1246754
Ion Ratio Lower Upper
112 100
64 55.2 41.4 62.2
63 29.0 23.8 35.8





#7
Phenol-d6
Concen: 104.352 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

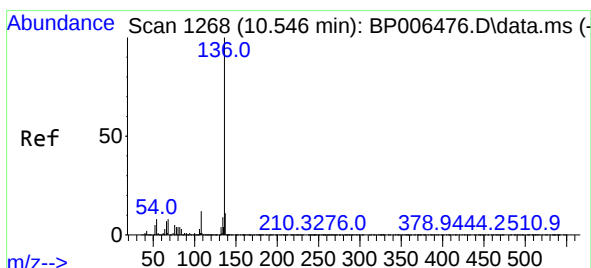
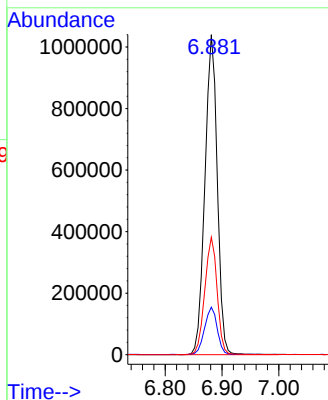
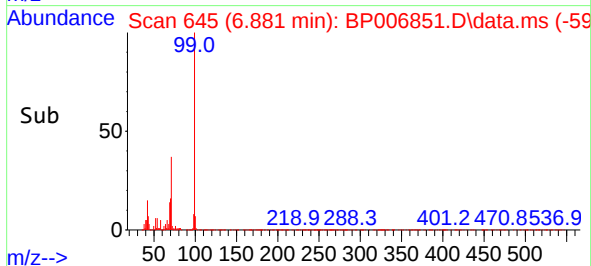


Tgt Ion: 99 Resp: 1565287

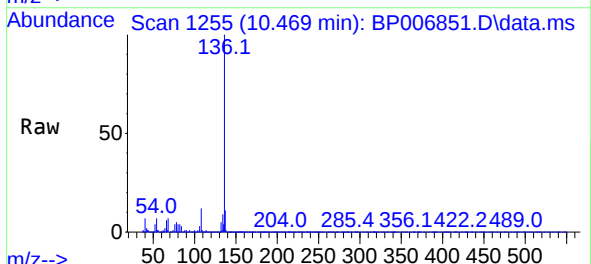
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.4	20.0
71	36.7	30.6	46.0

Manual Integrations
APPROVED

mohammad
8/25/2021 3:35:34 PM

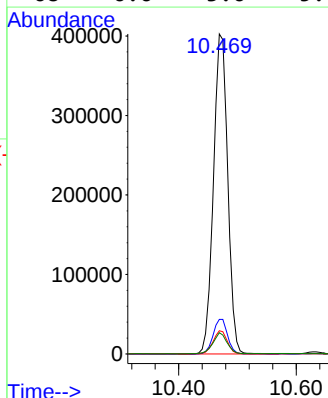
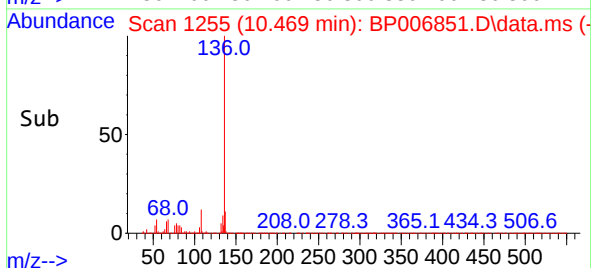


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58



Tgt Ion: 136 Resp: 677293

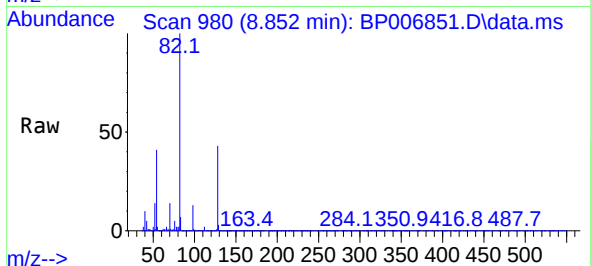
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.3	4.6	6.8#
68	6.6	3.6	5.4#





#23
Nitrobenzene-d5
Concen: 71.845 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

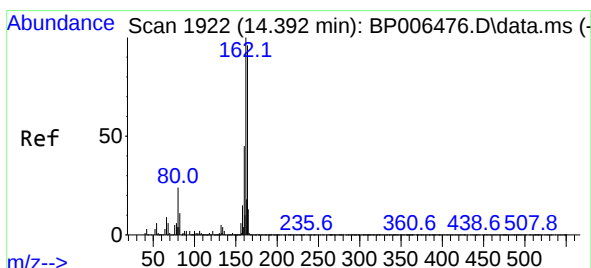
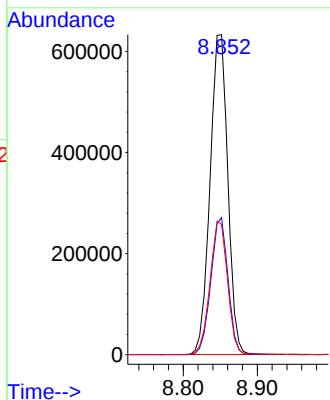
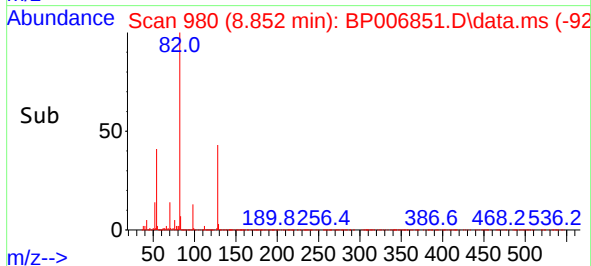
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01



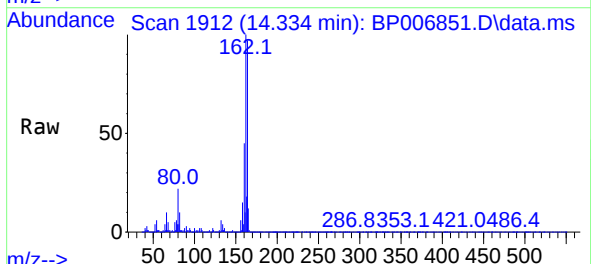
Tgt Ion: 82 Resp: 1054220
Ion Ratio Lower Upper
82 100
128 42.8 35.7 53.5
54 40.7 35.0 52.4

Manual Integrations
APPROVED

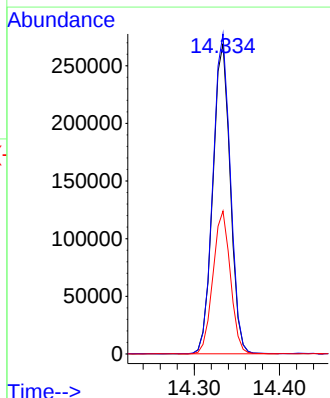
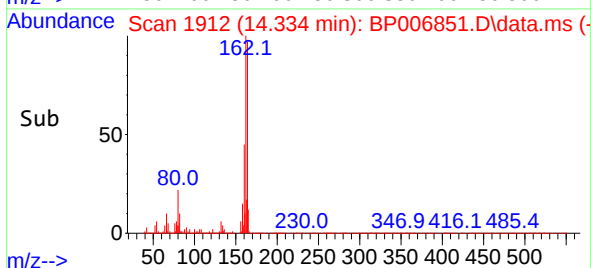
mohammad
8/25/2021 3:35:34 PM

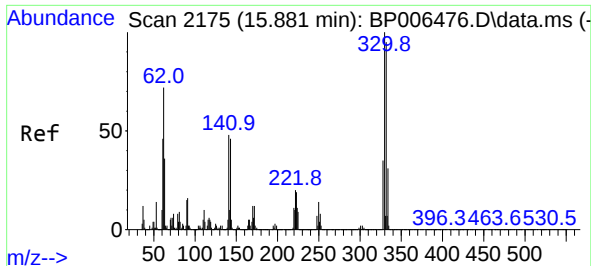


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58



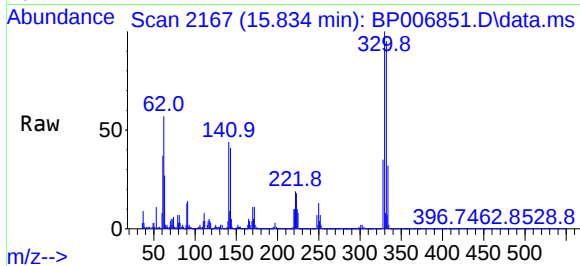
Tgt Ion: 164 Resp: 380615
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 46.1 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 129.490 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

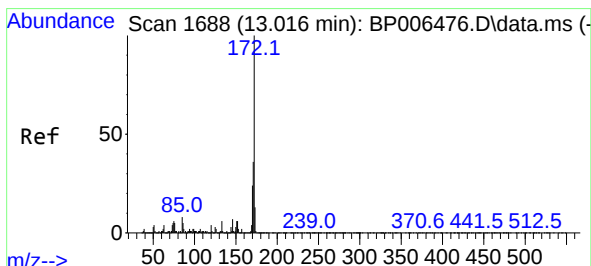
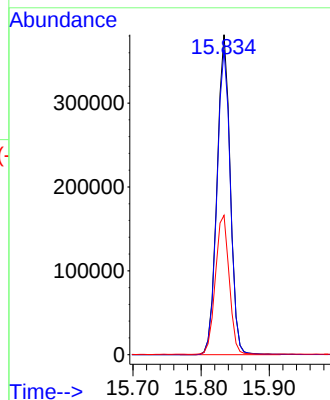
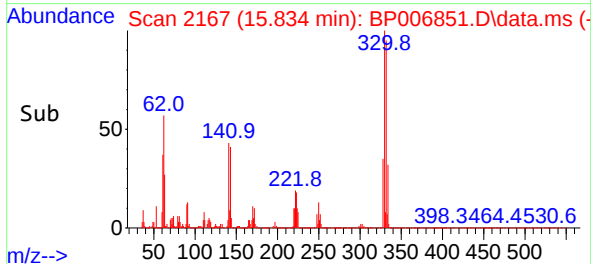
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01



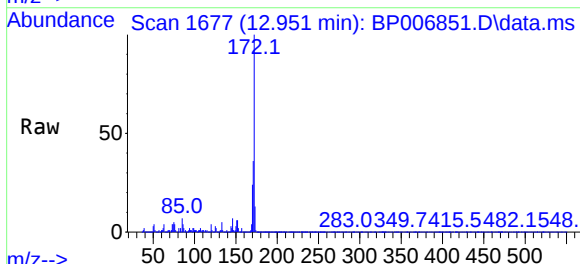
Tgt Ion:330 Resp: 515091
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 45.3 25.4 38.2#

Manual Integrations
APPROVED

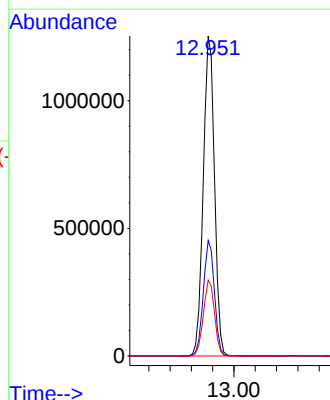
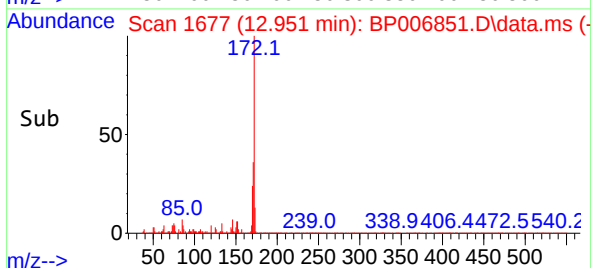
mohammad
8/25/2021 3:35:34 PM



#45
2-Fluorobiphenyl
Concen: 71.878 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58



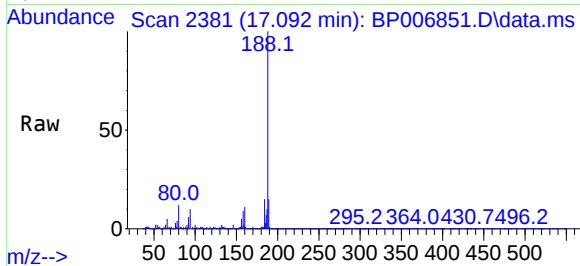
Tgt Ion:172 Resp: 1828581
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

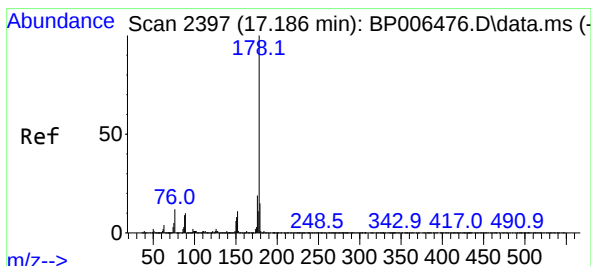
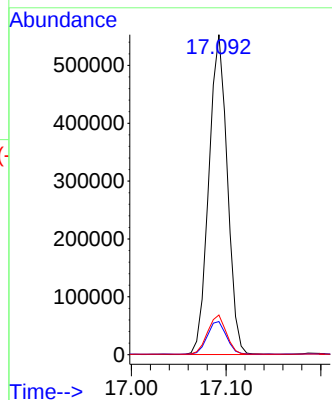
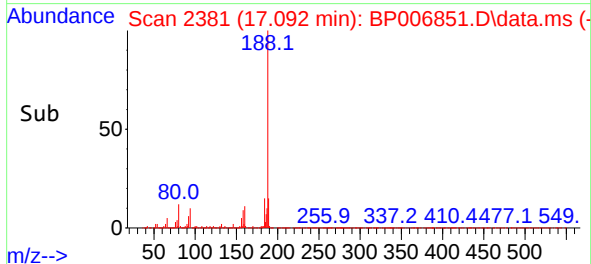
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01



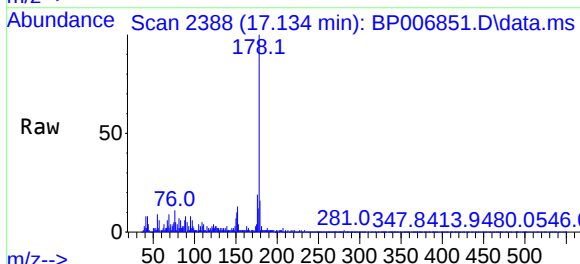
Tgt Ion:188 Resp: 748909
Ion Ratio Lower Upper
188 100
94 10.3 5.6 8.4#
80 12.4 6.3 9.5#

Manual Integrations
APPROVED

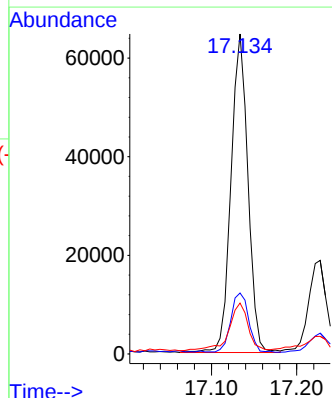
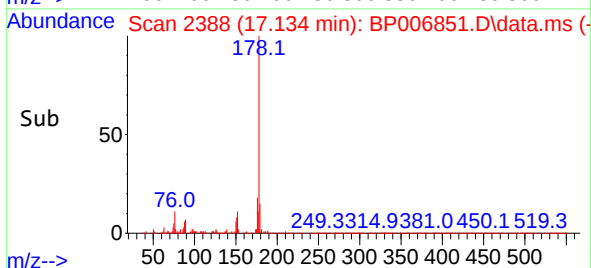
mohammad
8/25/2021 3:35:34 PM

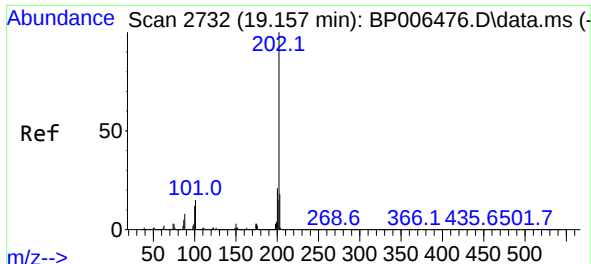


#71
Phenanthrene
Concen: 2.124 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58



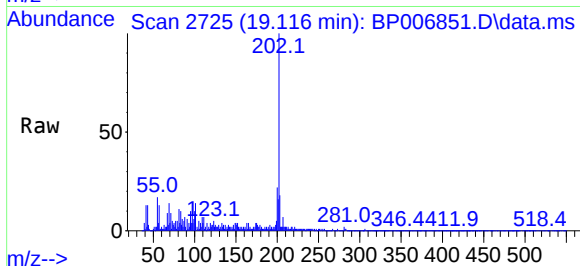
Tgt Ion:178 Resp: 89725
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 3.085 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

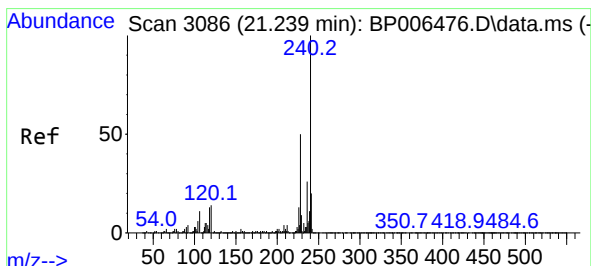
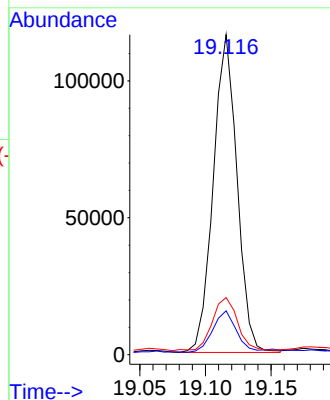
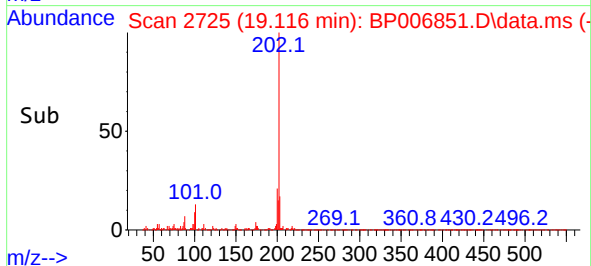
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01



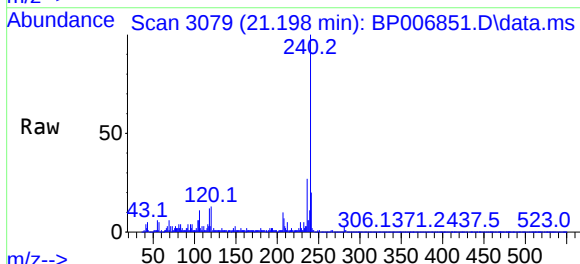
Tgt Ion:202 Resp: 146258
Ion Ratio Lower Upper
202 100
101 13.7 0.0 27.6
203 17.8 0.0 37.8

Manual Integrations
APPROVED

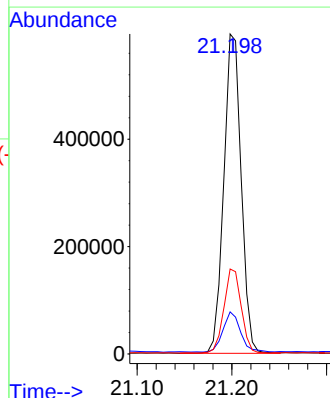
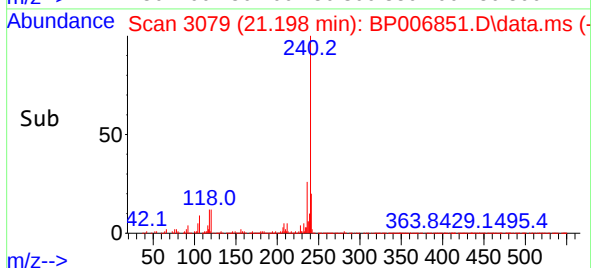
mohammad
8/25/2021 3:35:34 PM

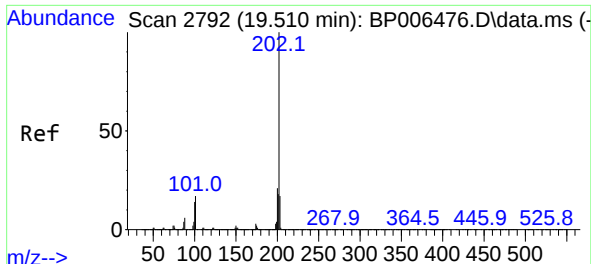


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58



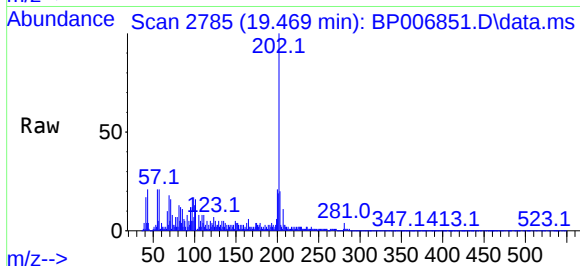
Tgt Ion:240 Resp: 759704
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 26.6 20.6 31.0





#78
Pyrene
Concen: 2.684 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

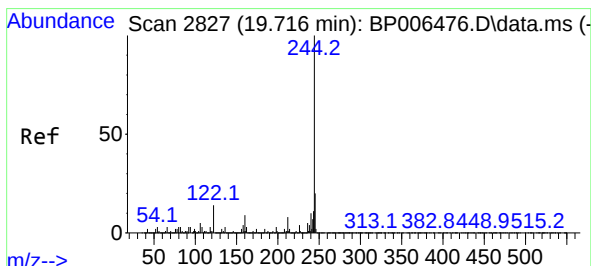
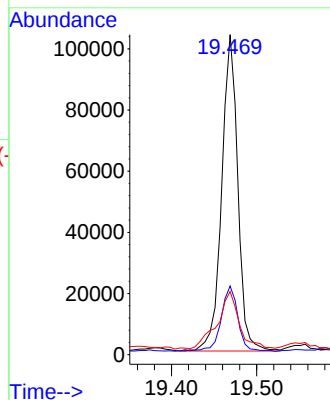
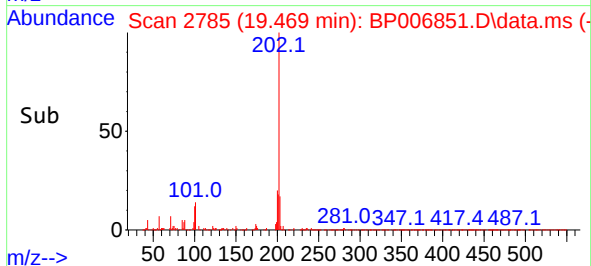
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01



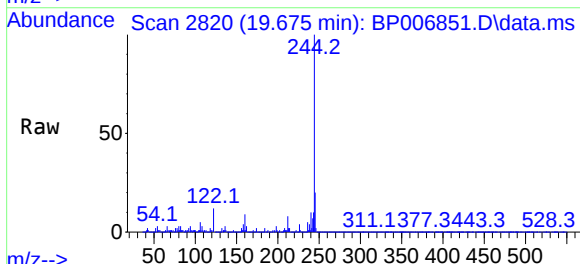
Tgt Ion:202 Resp: 136192
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 19.8 14.2 21.2

Manual Integrations
APPROVED

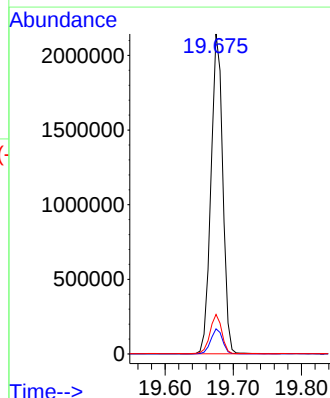
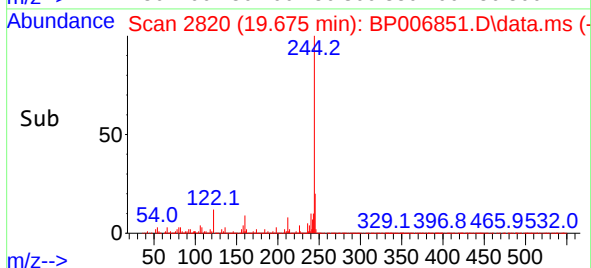
mohammad
8/25/2021 3:35:34 PM

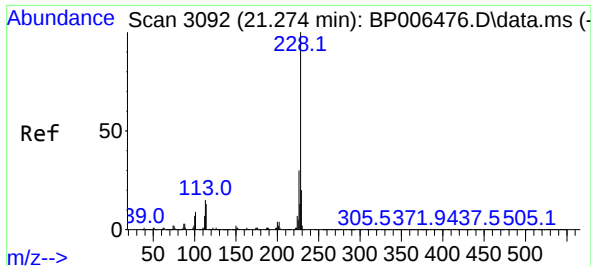


#79
Terphenyl-d14
Concen: 68.040 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58



Tgt Ion:244 Resp: 2579640
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 12.3 7.1 10.7#





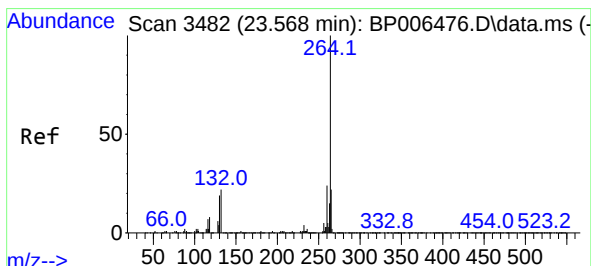
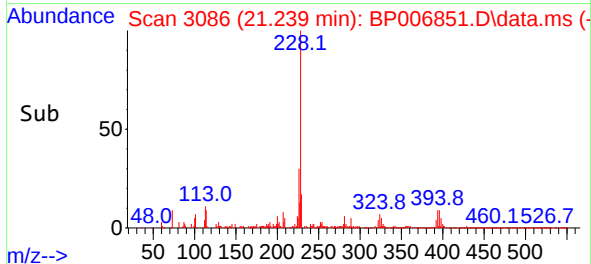
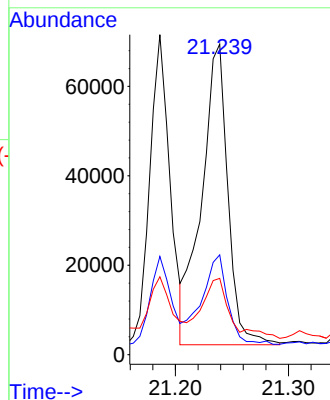
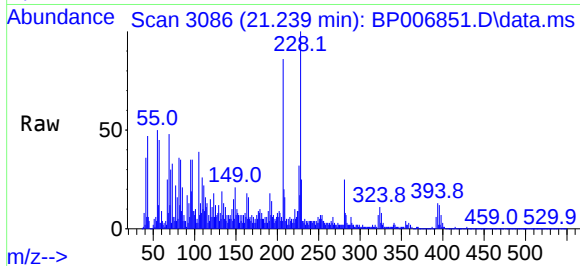
#83
Chrysene
Concen: 2.274 ng m
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

Tgt Ion: 228 Resp: 109462
Ion Ratio Lower Upper
228 100
226 32.1 23.8 35.6
229 24.6 15.4 23.2#

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

Manual Integrations
APPROVED

mohammad
8/25/2021 3:35:34 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006851.D
Acq: 24 Aug 2021 16:58

Tgt Ion: 264 Resp: 840956
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.2 17.6 26.4

