

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005121.D
 Acq On : 31 Mar 2021 12:09
 Operator : CG/JU
 Sample : M1817-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-326FB-002

Manual Integrations
 APPROVED

mohammad
 4/1/2021 10:52:38 AM

Quant Time: Mar 31 12:58:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	30002	20.00	ng	0.00
21) Naphthalene-d8	10.498	136	113186	20.00	ng	#-0.01
39) Acenaphthene-d10	14.363	164	75934	20.00	ng	-0.01
64) Phenanthrene-d10	17.122	188	156286	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	158934	20.00	ng	-0.02
86) Perylene-d12	23.498	264	163035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	201297	103.25	ng	0.00
7) Phenol-d6	6.887	99	268890	96.29	ng	0.00
23) Nitrobenzene-d5	8.869	82	170514	64.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	94333	95.35	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	349032	62.18	ng	0.00
79) Terphenyl-d14	19.698	244	534639	61.24	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.163	178	42258	4.66	ng	99
75) Fluoranthene	19.139	202	74966	7.03	ng	96
78) Pyrene	19.492	202	71740	6.57	ng	97
81) Benzo(a)anthracene	21.204	228	38162	3.53	ng	95
83) Chrysene	21.251	228	36029	3.40	ng	95
88) Benzo(b)fluoranthene	22.810	252	44261m	3.82	ng	
90) Benzo(a)pyrene	23.398	252	33477	3.22	ng	# 94
92) Benzo(g,h,i)perylene	26.539	276	24189	2.37	ng	100

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

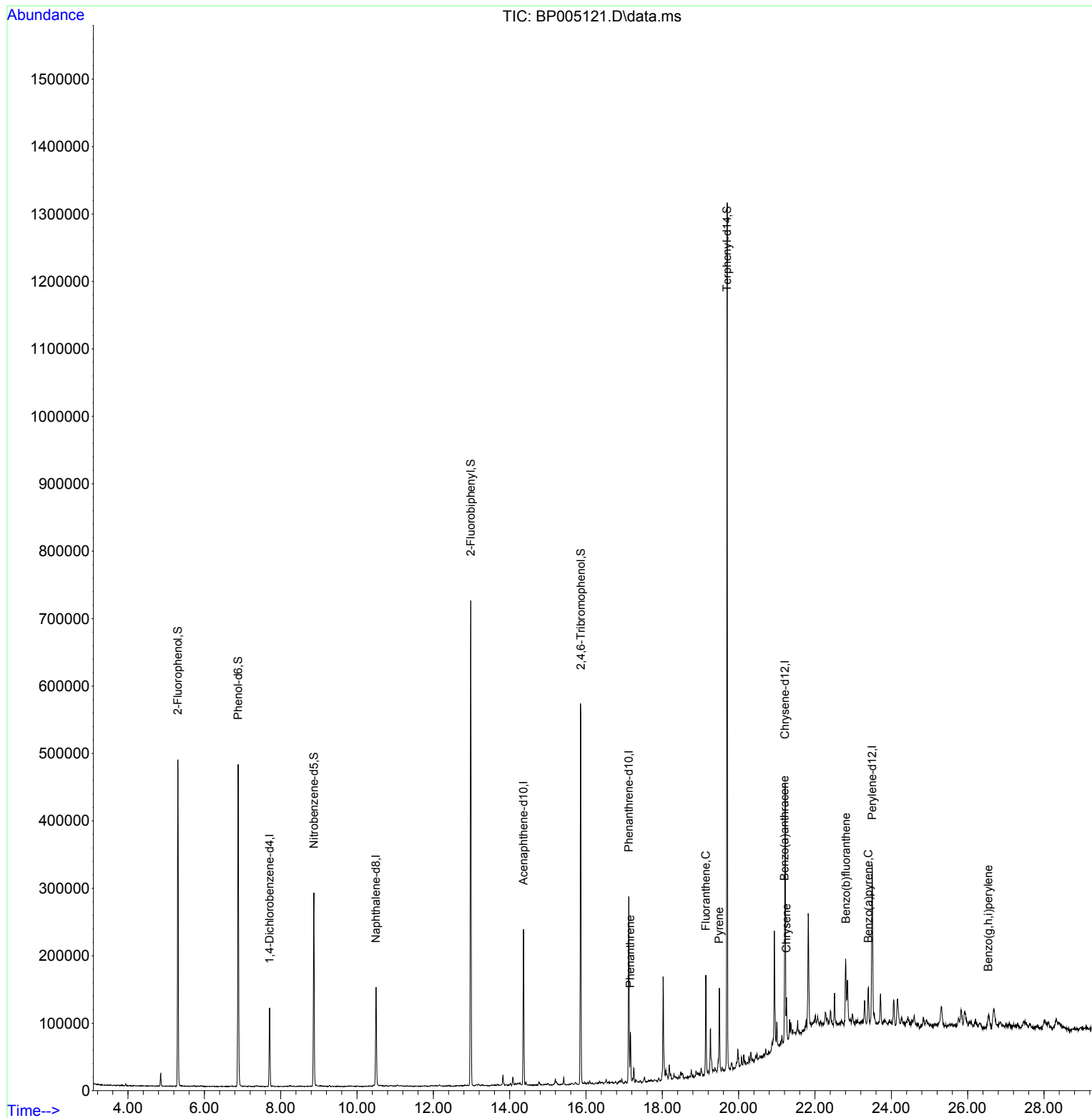
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005121.D
Acq On : 31 Mar 2021 12:09
Operator : CG/JU
Sample : M1817-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

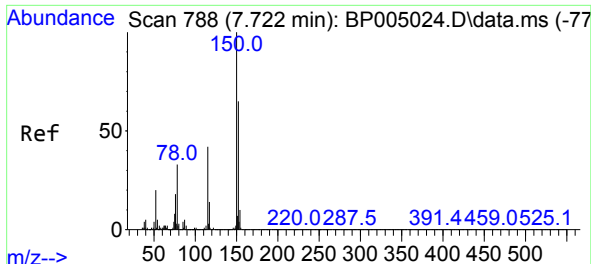
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

Manual Integrations
APPROVED

mohammad
4/1/2021 10:52:38 AM

Quant Time: Mar 31 12:58:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 10:07:03 2021
Response via : Initial Calibration





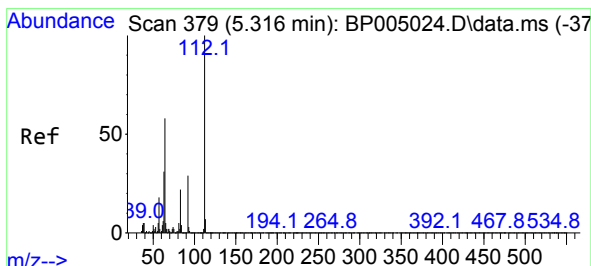
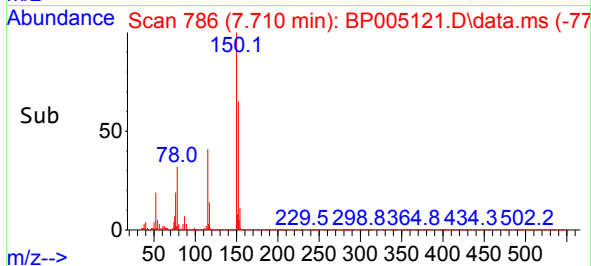
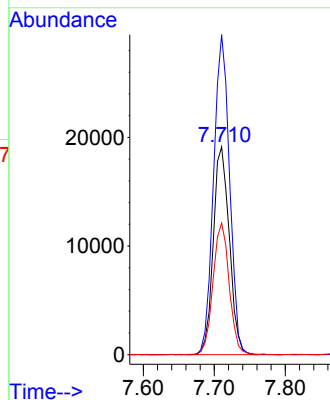
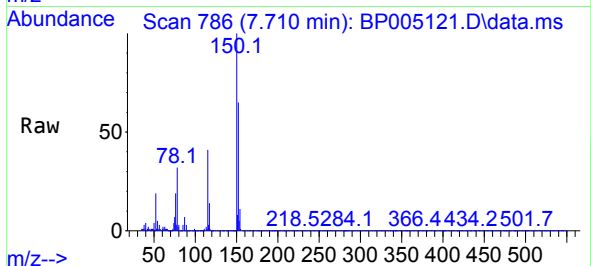
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:152 Resp: 30002
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 63.3 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

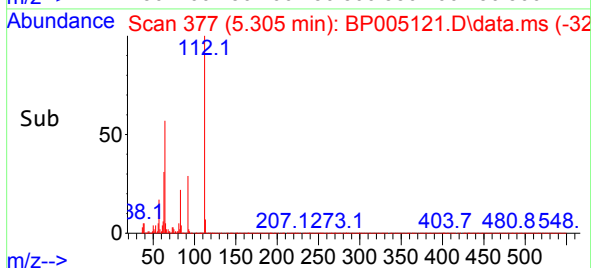
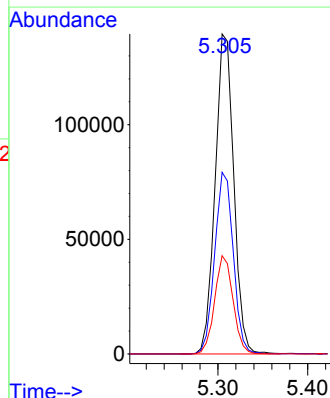
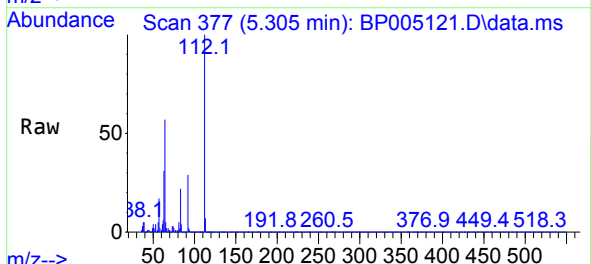
Manual Integrations
APPROVED

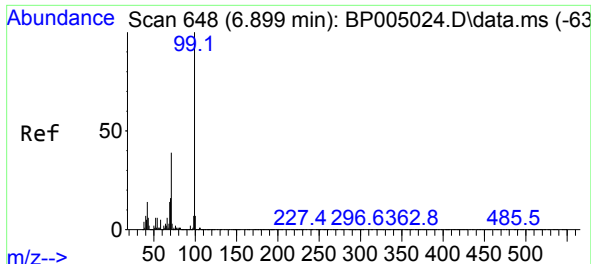
mohammad
4/1/2021 10:52:38 AM



#5
2-Fluorophenol
Concen: 103.25 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

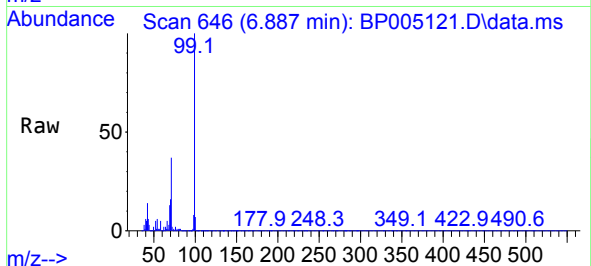
Tgt Ion:112 Resp: 201297
Ion Ratio Lower Upper
112 100
64 56.7 32.8 49.2#
63 30.7 17.0 25.4#





#7
Phenol-d6
Concen: 96.29 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

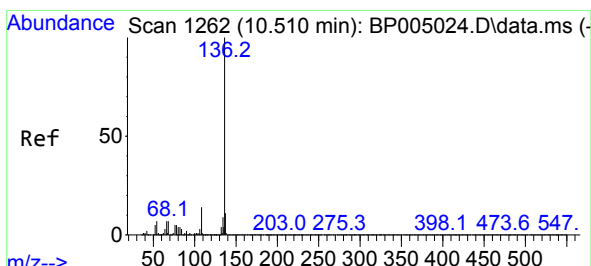
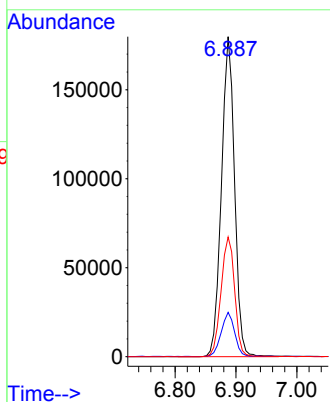
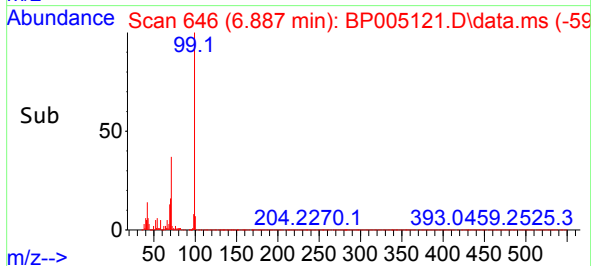
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002



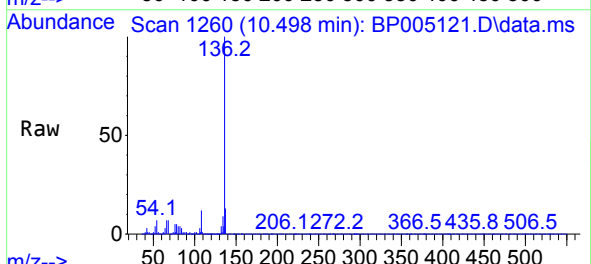
Tgt Ion: 99 Resp: 268890
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 37.4 23.4 35.2#

Manual Integrations
APPROVED

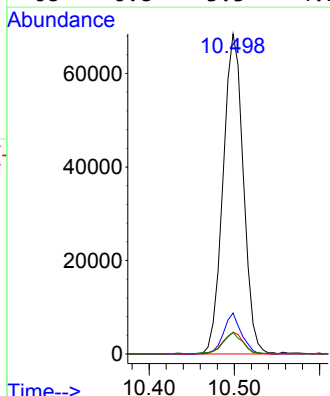
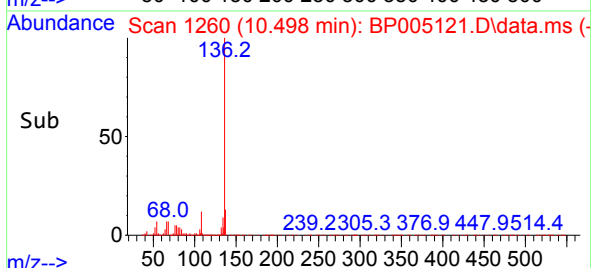
mohammad
4/1/2021 10:52:38 AM

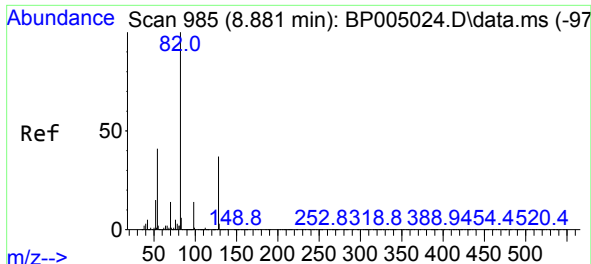


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09



Tgt Ion: 136 Resp: 113186
Ion Ratio Lower Upper
136 100
137 12.8 8.6 13.0
54 6.8 3.6 5.4#
68 6.8 3.3 4.9#





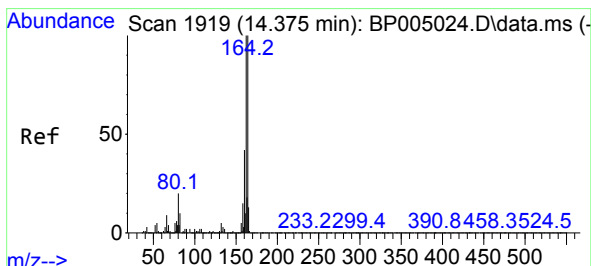
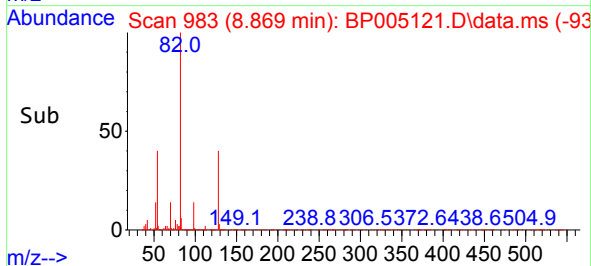
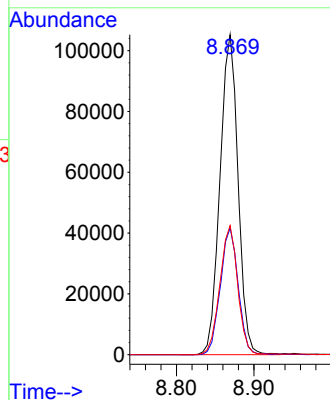
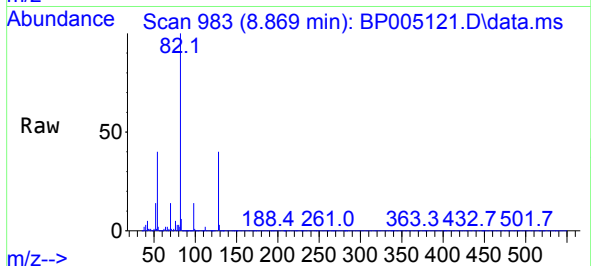
#23
Nitrobenzene-d5
Concen: 64.64 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion: 82 Resp: 170514
Ion Ratio Lower Upper
82 100
128 39.6 45.6 68.4#
54 40.3 30.1 45.1

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

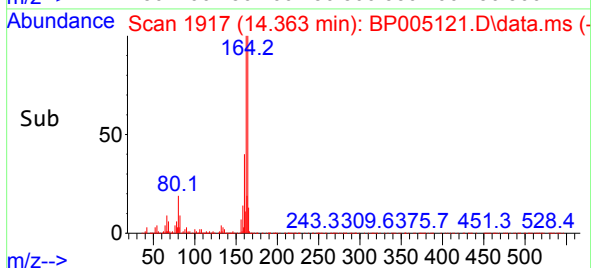
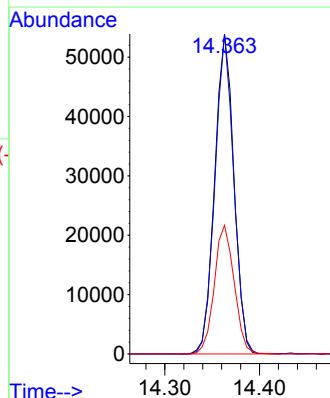
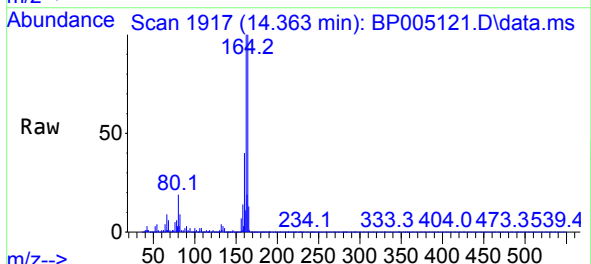
Manual Integrations
APPROVED

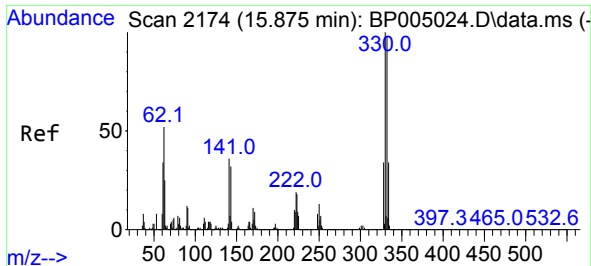
mohammad
4/1/2021 10:52:38 AM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

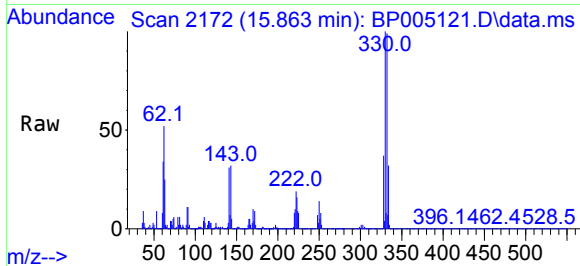
Tgt Ion: 164 Resp: 75934
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 40.2 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 95.35 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

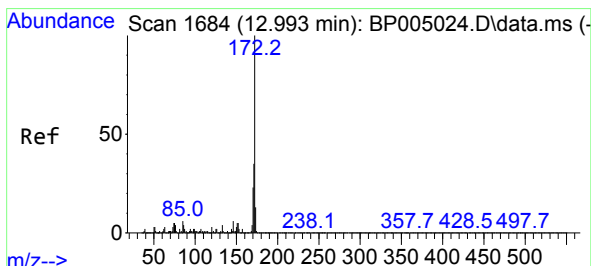
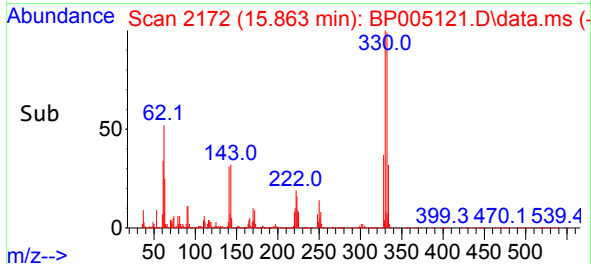
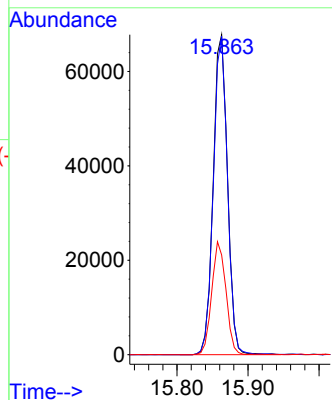
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002



Tgt Ion:330 Resp: 94333
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 35.3 23.4 35.2#

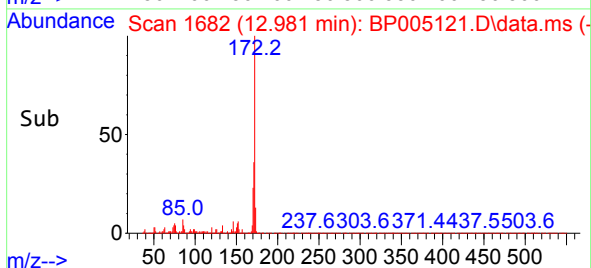
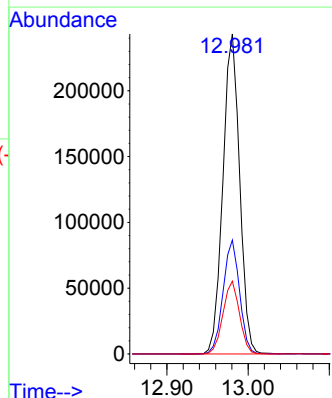
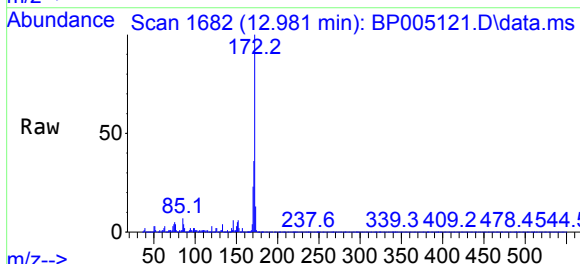
Manual Integrations
APPROVED

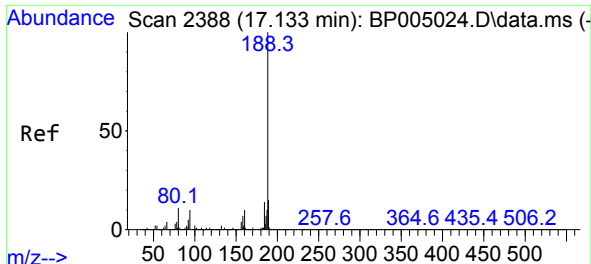
mohammad
4/1/2021 10:52:38 AM



#45
2-Fluorobiphenyl
Concen: 62.18 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:172 Resp: 349032
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.7 19.2 28.8





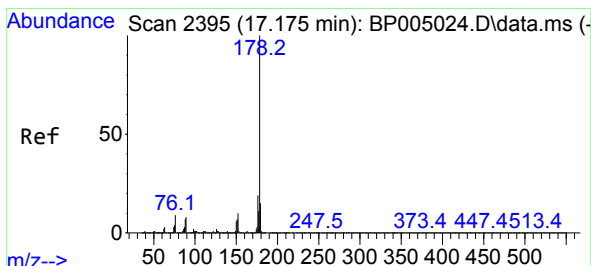
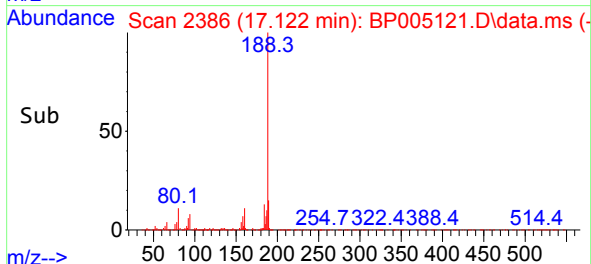
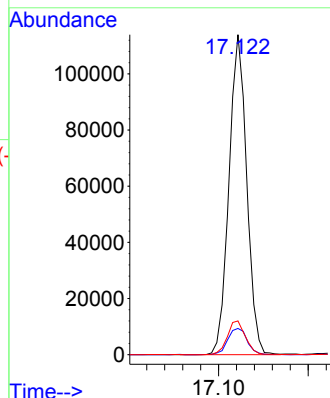
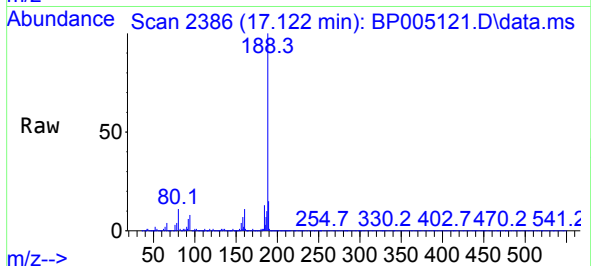
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:188 Resp: 156286
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 10.5 6.2 9.2#

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

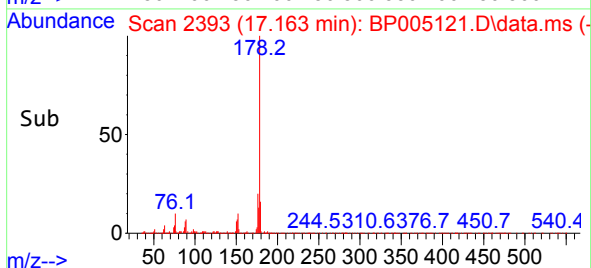
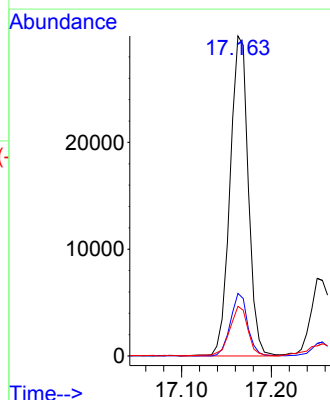
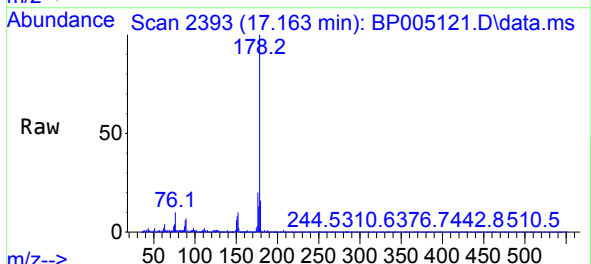
Manual Integrations
APPROVED

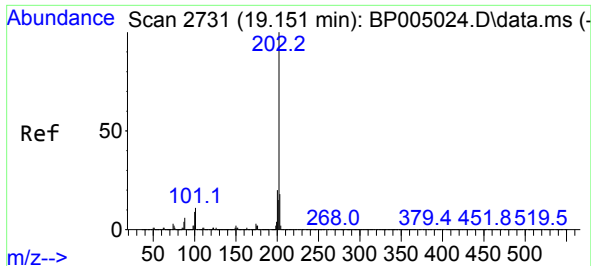
mohammad
4/1/2021 10:52:38 AM



#71
Phenanthrene
Concen: 4.66 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:178 Resp: 42258
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 12.5 18.7





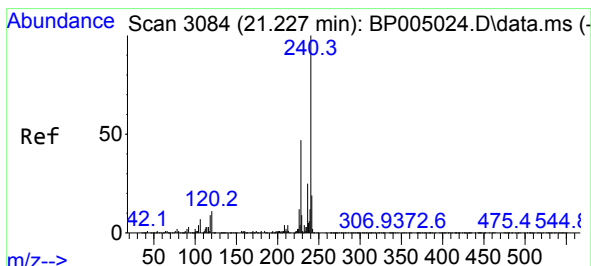
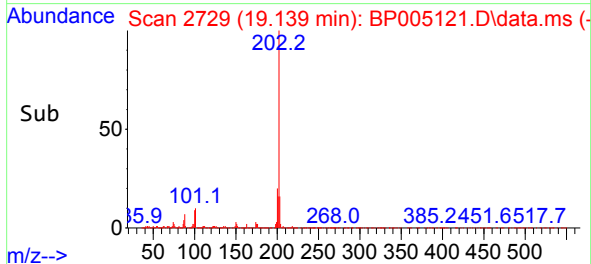
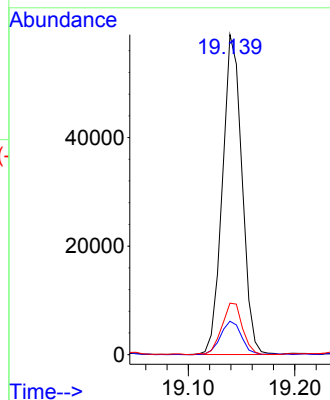
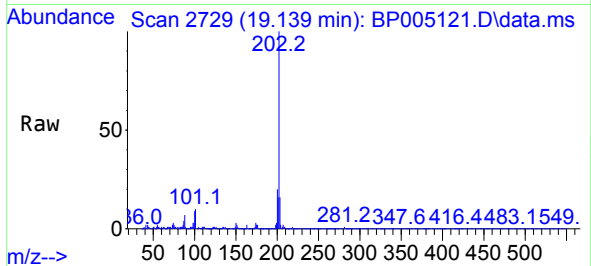
#75
Fluoranthene
Concen: 7.03 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:	202	Resp:	74966
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	29.4
203	16.1	0.0	37.8

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

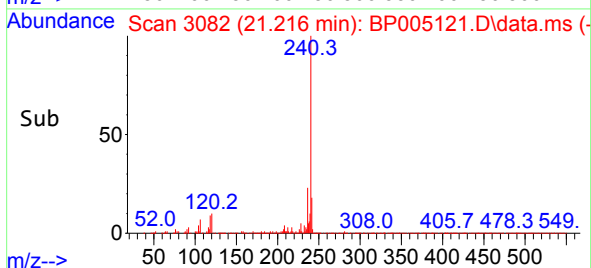
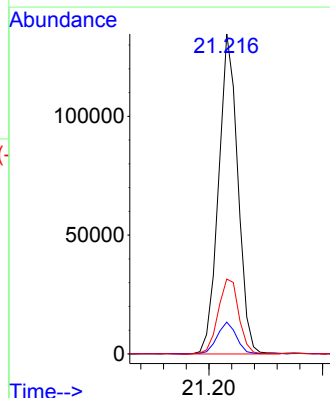
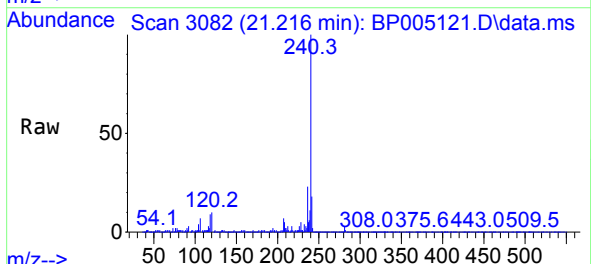
Manual Integrations
APPROVED

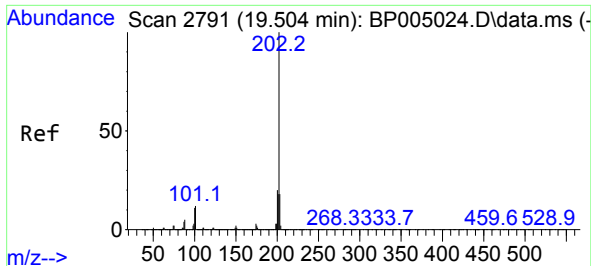
mohammad
4/1/2021 10:52:38 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

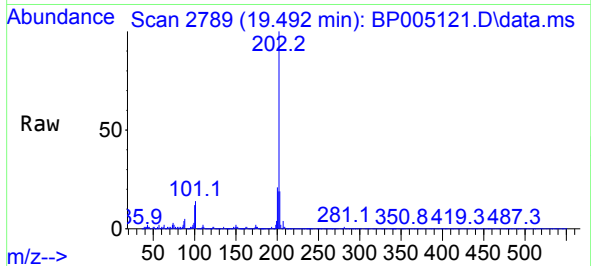
Tgt Ion:	240	Resp:	158934
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	23.4	20.8	31.2





#78
Pyrene
Concen: 6.57 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

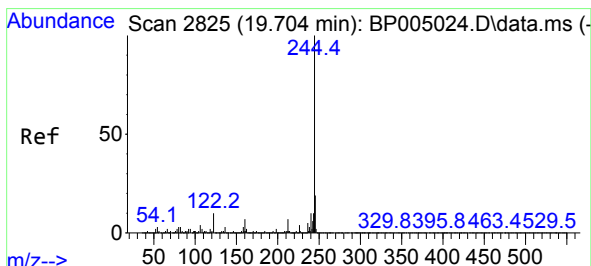
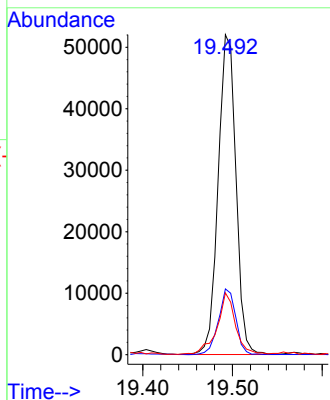
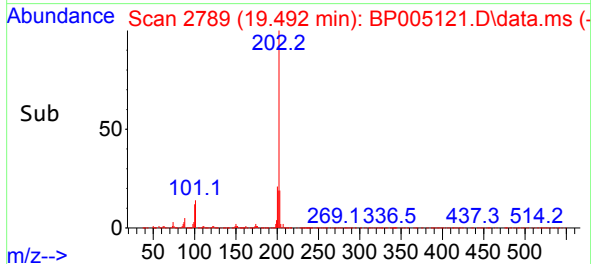
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002



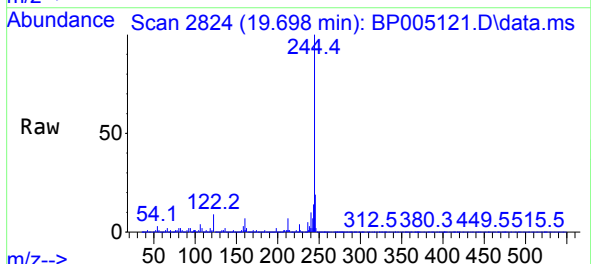
Tgt Ion:202 Resp: 71740
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 19.3 14.2 21.2

Manual Integrations
APPROVED

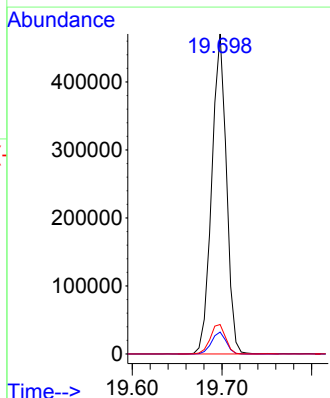
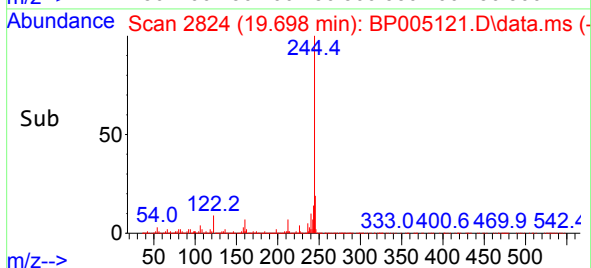
mohammad
4/1/2021 10:52:38 AM

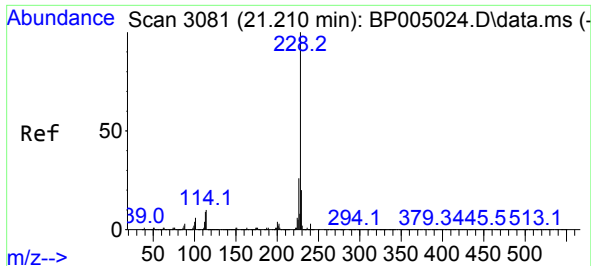


#79
Terphenyl-d14
Concen: 61.24 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09



Tgt Ion:244 Resp: 534639
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 9.2 7.8 11.8





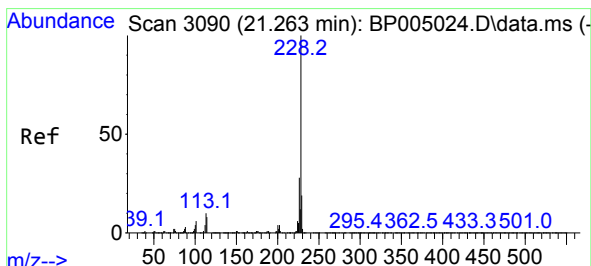
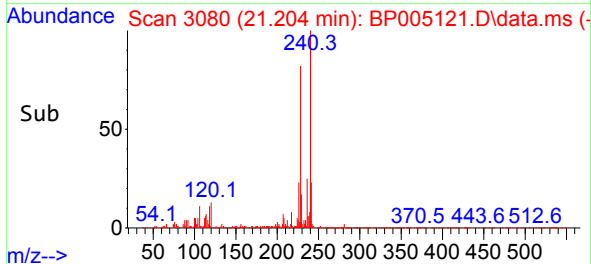
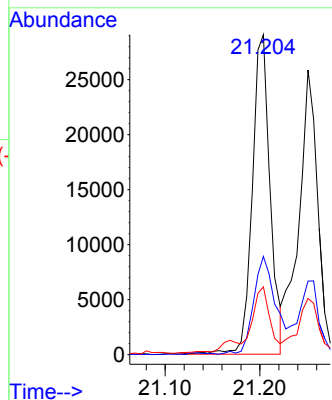
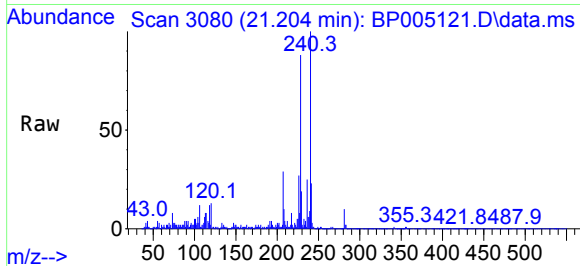
#81
Benzo(a)anthracene
Concen: 3.53 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:	228	Resp:	38162
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.1	33.1
229	21.2	15.9	23.9

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

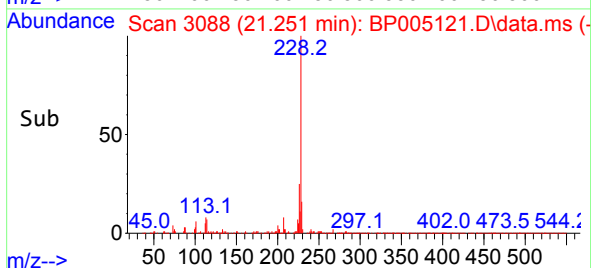
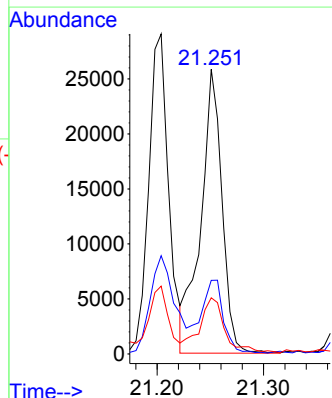
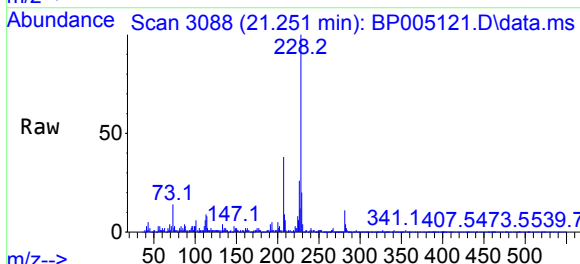
Manual Integrations
APPROVED

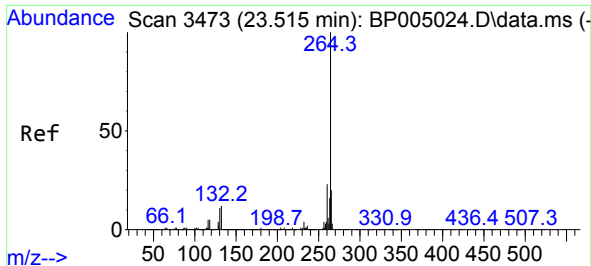
mohammad
4/1/2021 10:52:38 AM



#83
Chrysene
Concen: 3.40 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.018 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

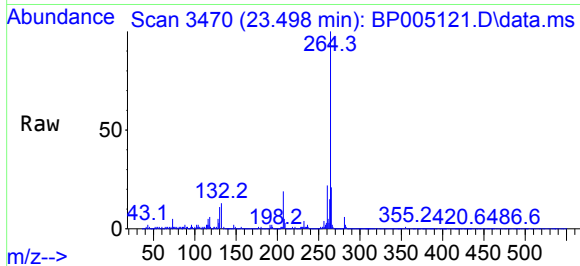
Tgt Ion:	228	Resp:	36029
Ion Ratio	Lower	Upper	
228	100		
226	25.8	24.4	36.6
229	19.7	15.8	23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.024 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

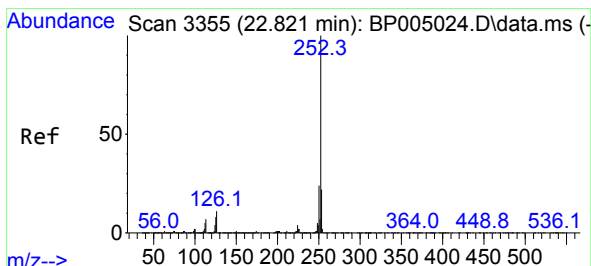
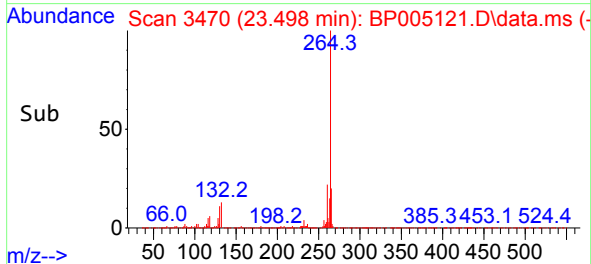
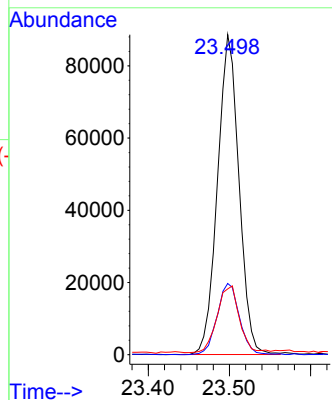
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002



Tgt Ion:264 Resp: 163035
Ion Ratio Lower Upper
264 100
260 22.3 18.8 28.2
265 20.5 17.4 26.2

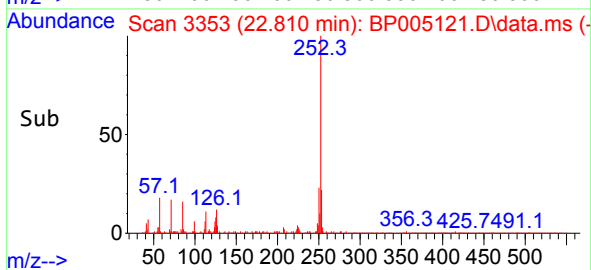
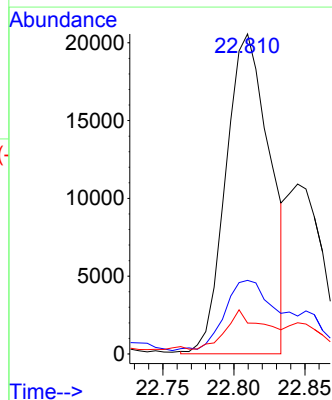
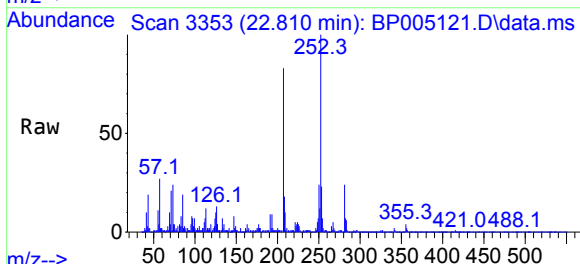
Manual Integrations
APPROVED

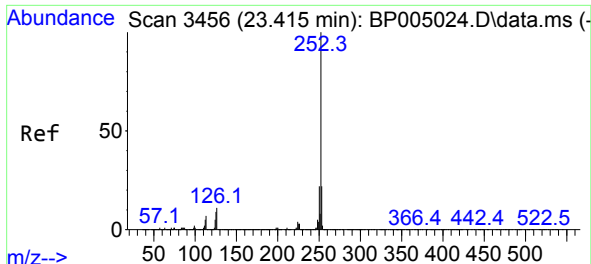
mohammad
4/1/2021 10:52:38 AM



#88
Benzo(b)fluoranthene
Concen: 3.82 ng m
RT: 22.810 min Scan# 3353
Delta R.T. -0.018 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

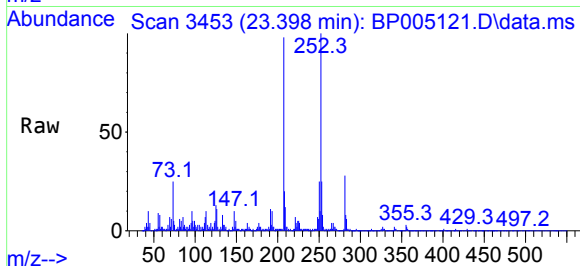
Tgt Ion:252 Resp: 44261
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.7 7.3 10.9





#90
Benzo(a)pyrene
Concen: 3.22 ng
RT: 23.398 min Scan# 3453
Delta R.T. -0.024 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

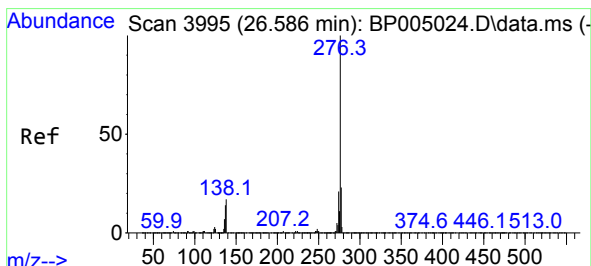
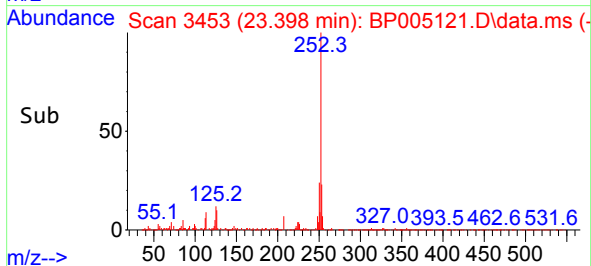
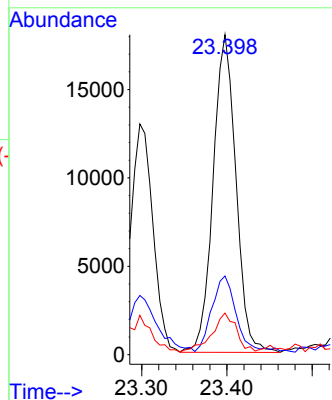
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002



Tgt Ion:252 Resp: 33477
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 13.0 8.2 12.4#

Manual Integrations
APPROVED

mohammad
4/1/2021 10:52:38 AM



#92
Benzo(g,h,i)perylene
Concen: 2.37 ng
RT: 26.539 min Scan# 3987
Delta R.T. -0.053 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:276 Resp: 24189
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 20.7 16.6 24.8

