

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005206.D
 Acq On : 06 Apr 2021 20:33
 Operator : CG/JU
 Sample : M1924-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-040221

Manual Integrations
 APPROVED

mohammad
 4/8/2021 8:07:12 AM

Quant Time: Apr 07 00:31:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	22689	20.00	ng	# 0.00
21) Naphthalene-d8	10.481	136	83269	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	50074	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	107601	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	116142	20.00	ng	0.00
86) Perylene-d12	23.486	264	123531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	127110	86.21	ng	0.00
7) Phenol-d6	6.875	99	163835	77.58	ng	0.00
23) Nitrobenzene-d5	8.852	82	104993	54.10	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	46731	71.63	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	200605	54.19	ng	0.00
79) Terphenyl-d14	19.686	244	307806	48.25	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.905	94	6718	3.10	ng	93
71) Phenanthrene	17.157	178	37646	6.03	ng	99
72) Anthracene	17.245	178	12361m	2.03	ng	
75) Fluoranthene	19.133	202	50797	6.92	ng	96
78) Pyrene	19.486	202	65927	8.26	ng	98
81) Benzo(a)anthracene	21.192	228	30295	3.84	ng	94
83) Chrysene	21.245	228	28744	3.71	ng	95
88) Benzo(b)fluoranthene	22.798	252	31868	3.63	ng	# 92
90) Benzo(a)pyrene	23.386	252	26538	3.37	ng	98

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

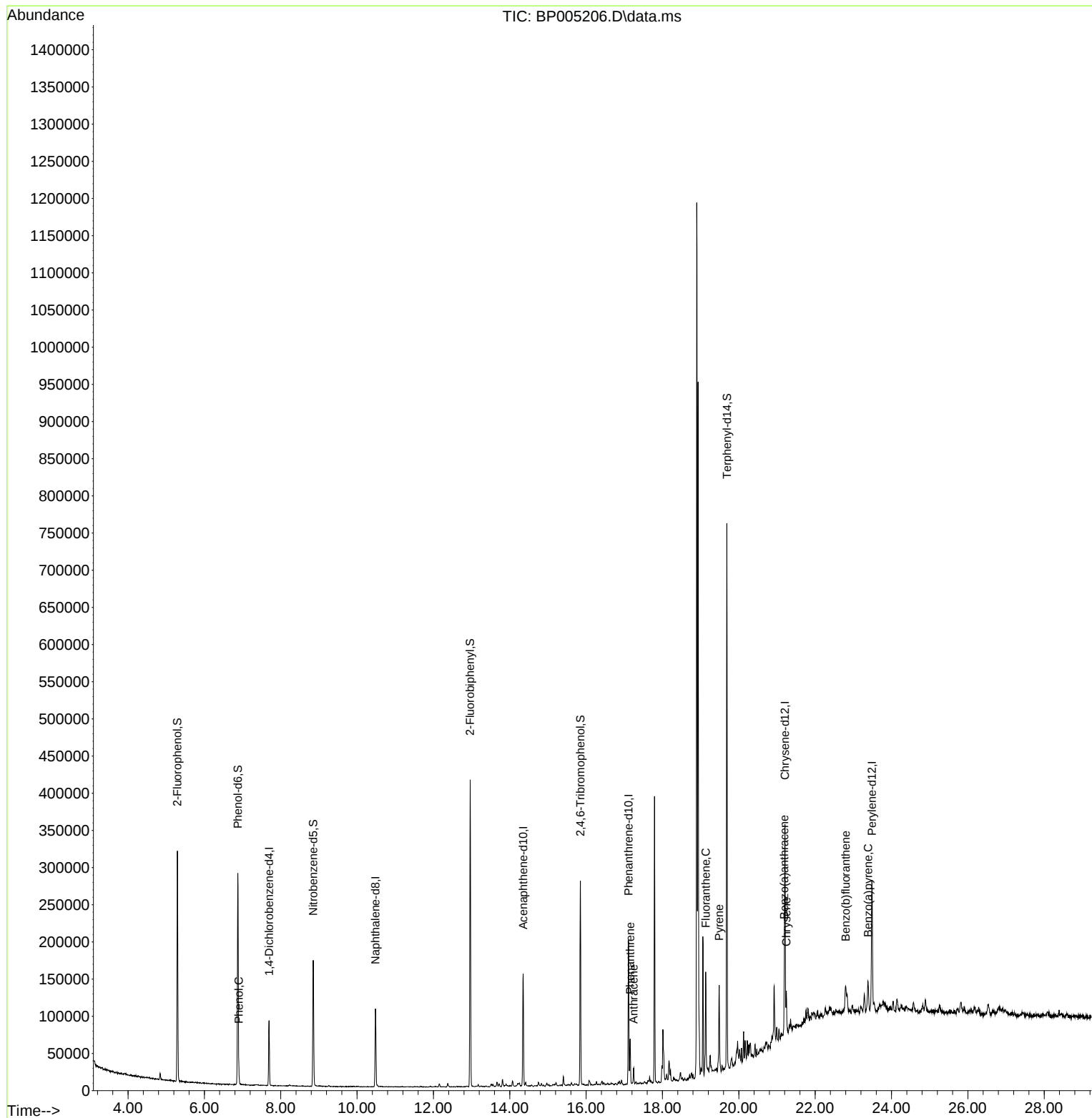
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005206.D
Acq On : 06 Apr 2021 20:33
Operator : CG/JU
Sample : M1924-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

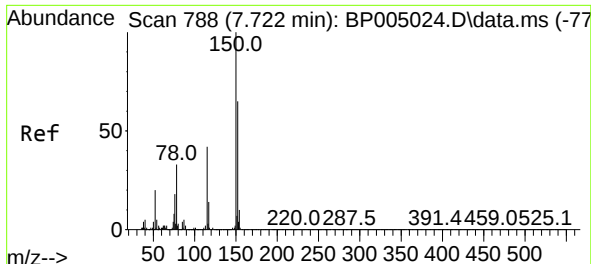
Instrument :
BNA_P
ClientSampleId :
NB-07-040221

Manual Integrations
APPROVED

mohammad
4/8/2021 8:07:12 AM

Quant Time: Apr 07 00:31:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration





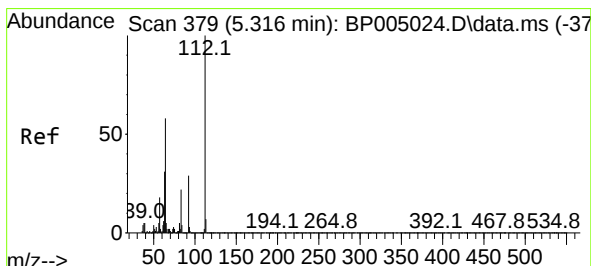
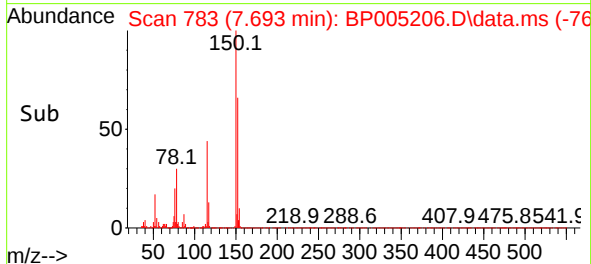
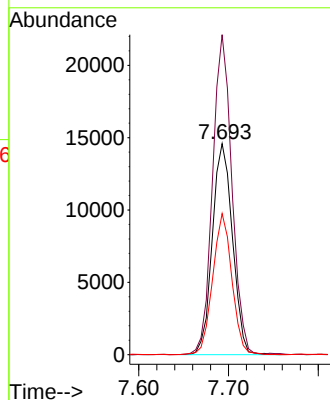
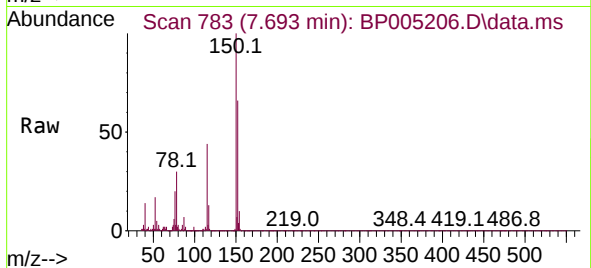
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:152 Resp: 22689
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 66.9 43.8 65.6#

Instrument :
BNA_P
ClientSampleId :
NB-07-040221

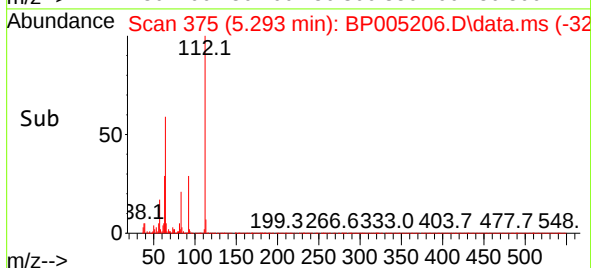
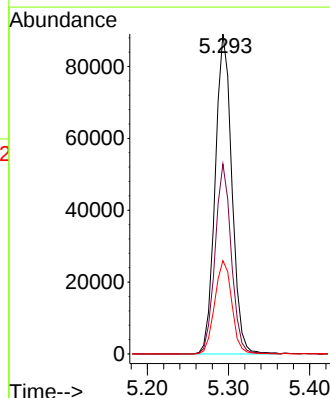
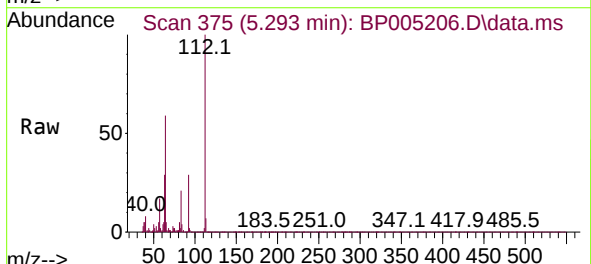
Manual Integrations
APPROVED

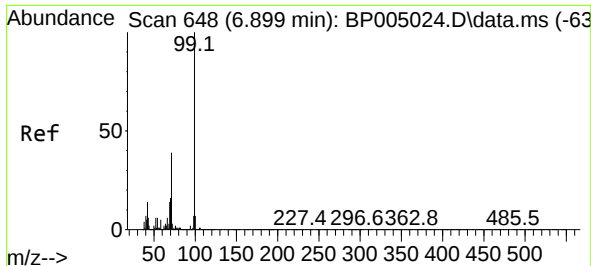
mohammad
4/8/2021 8:07:12 AM



#5
2-Fluorophenol
Concen: 86.21 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

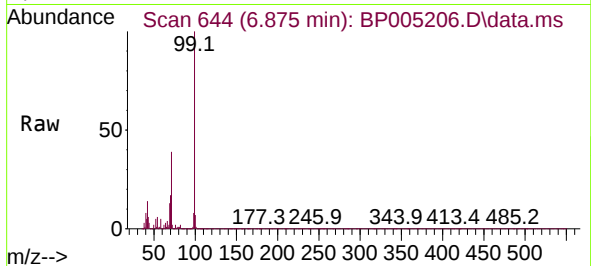
Tgt Ion:112 Resp: 127110
Ion Ratio Lower Upper
112 100
64 59.4 32.8 49.2#
63 29.1 17.0 25.4#





#7
Phenol-d6
Concen: 77.58 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

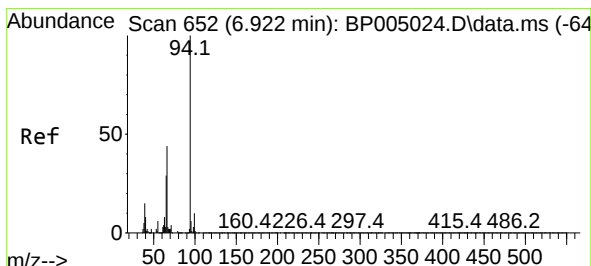
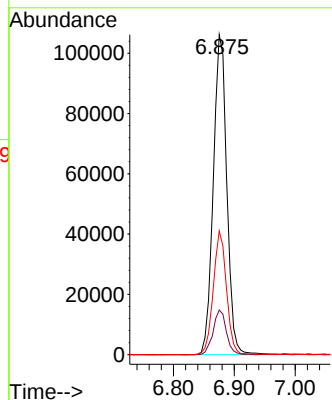
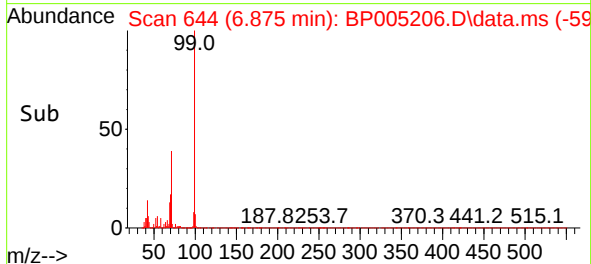
Instrument :
BNA_P
ClientSampleId :
NB-07-040221



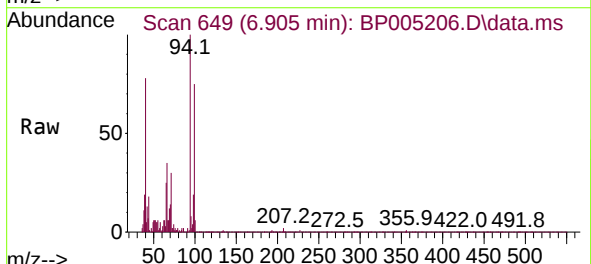
Tgt Ion: 99 Resp: 163835
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 38.7 23.4 35.2#

Manual Integrations
APPROVED

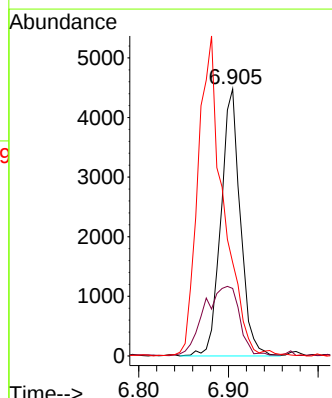
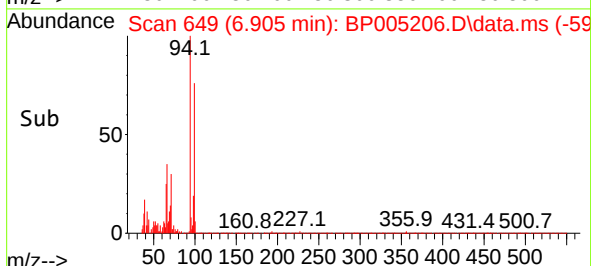
mohammad
4/8/2021 8:07:12 AM

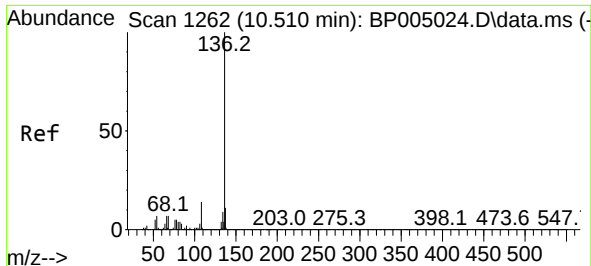


#10
Phenol
Concen: 3.10 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33



Tgt Ion: 94 Resp: 6718
Ion Ratio Lower Upper
94 100
65 25.3 2.3 42.3
66 35.0 10.9 50.9





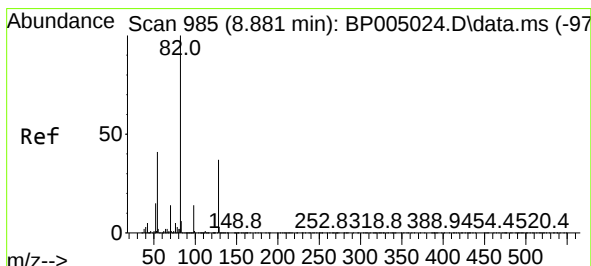
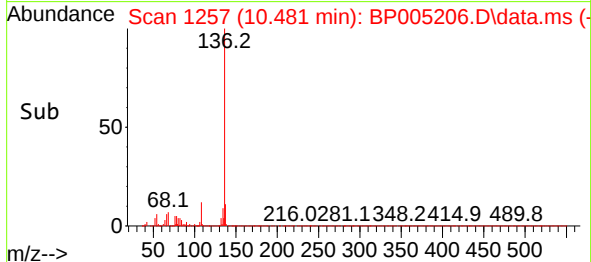
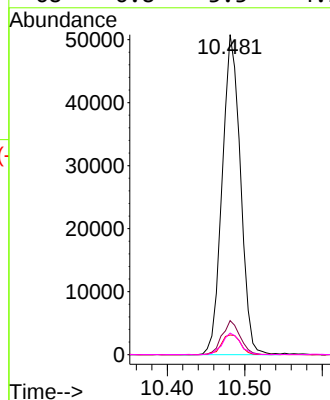
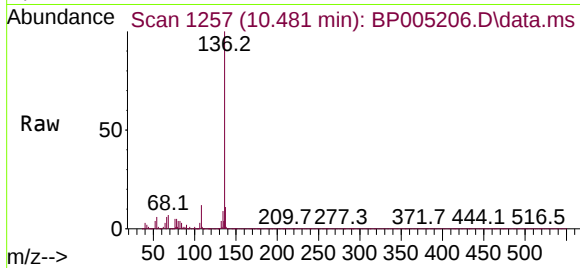
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:	136	Resp:	83269
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.2	3.6	5.4#
68	6.8	3.3	4.9#

Instrument :
BNA_P
ClientSampleId :
NB-07-040221

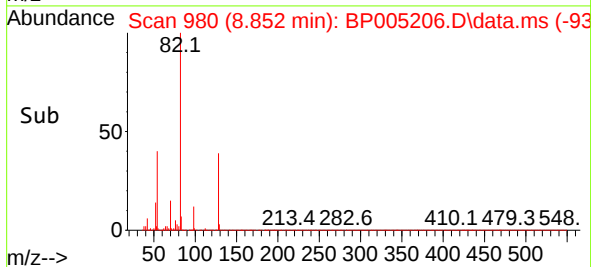
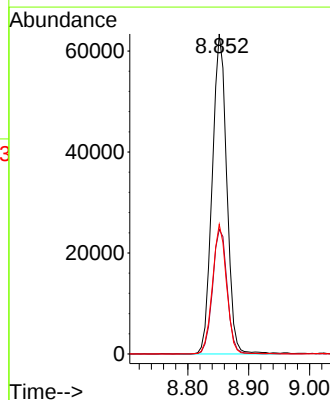
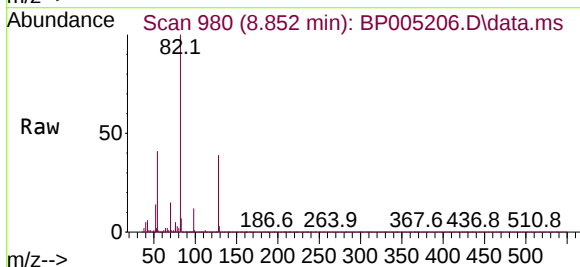
Manual Integrations
APPROVED

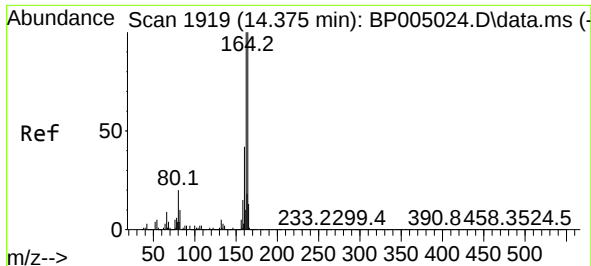
mohammad
4/8/2021 8:07:12 AM



#23
Nitrobenzene-d5
Concen: 54.10 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

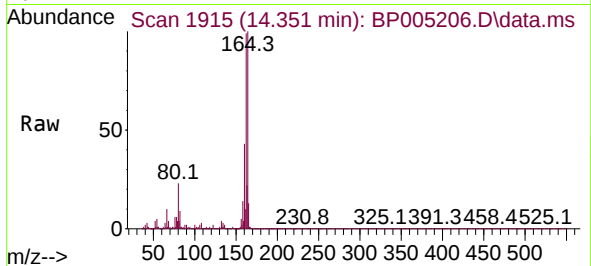
Tgt Ion:	82	Resp:	104993
Ion Ratio	Lower	Upper	
82	100		
128	38.9	45.6	68.4#
54	40.5	30.1	45.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

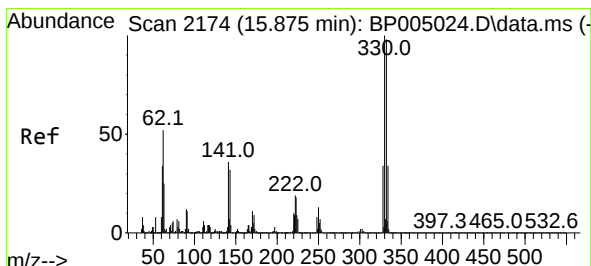
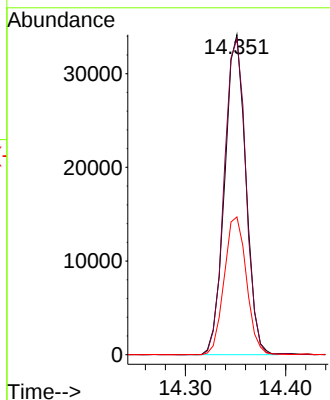
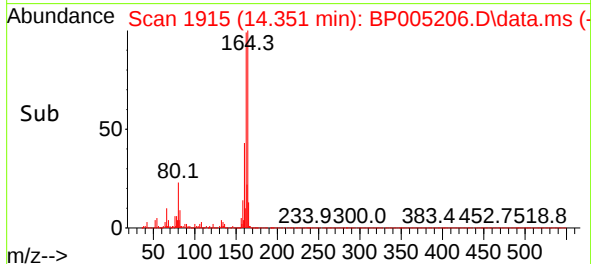
Instrument :
BNA_P
ClientSampleId :
NB-07-040221



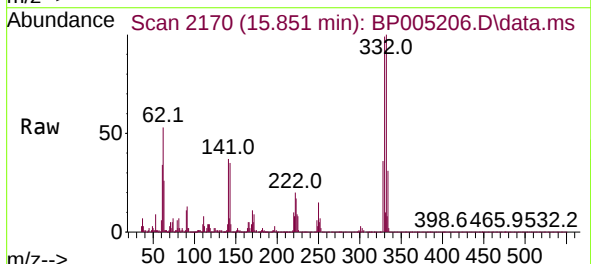
Tgt Ion:164 Resp: 50074
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 43.0 36.1 54.1

Manual Integrations
APPROVED

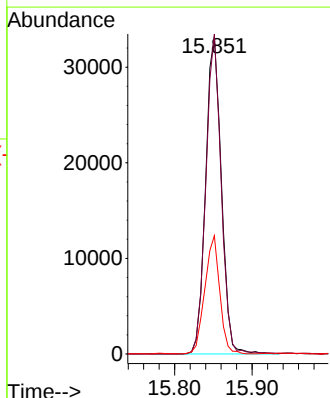
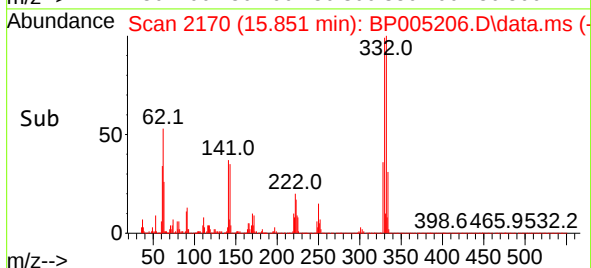
mohammad
4/8/2021 8:07:12 AM

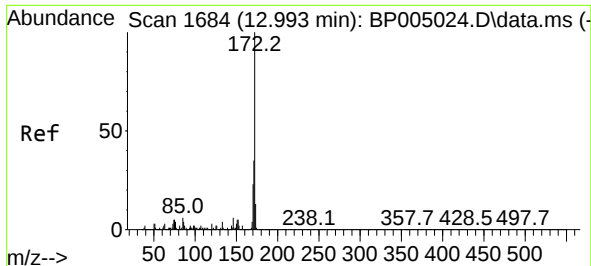


#42
2,4,6-Tribromophenol
Concen: 71.63 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33



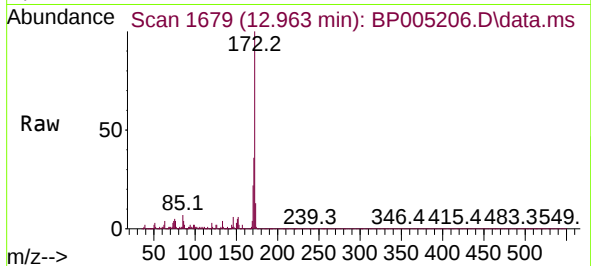
Tgt Ion:330 Resp: 46731
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 35.3 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 54.19 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

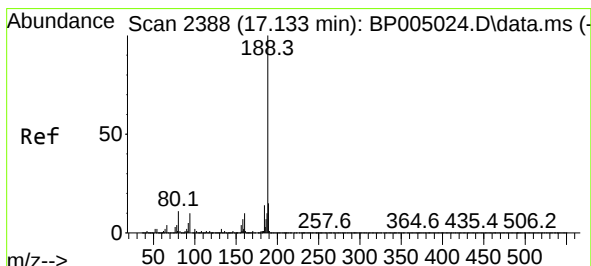
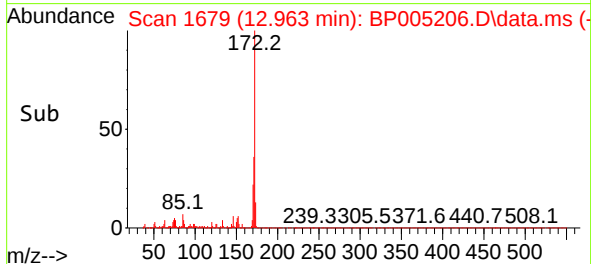
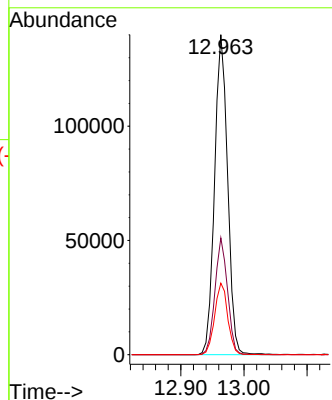
Instrument :
BNA_P
ClientSampleId :
NB-07-040221



Tgt Ion:172 Resp: 200605
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 22.3 19.2 28.8

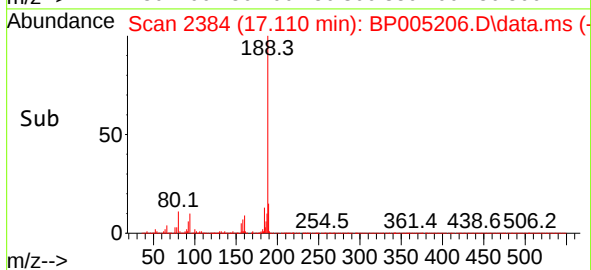
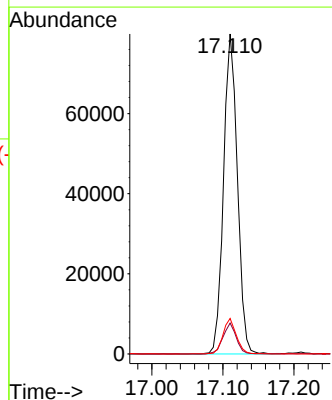
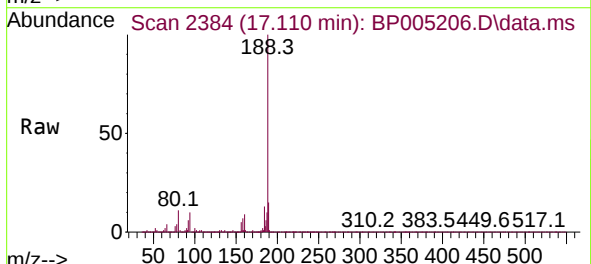
Manual Integrations
APPROVED

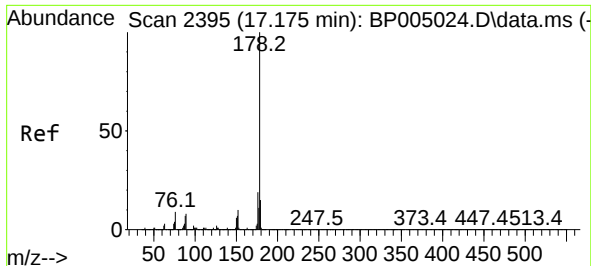
mohammad
4/8/2021 8:07:12 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:188 Resp: 107601
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 11.1 6.2 9.2#





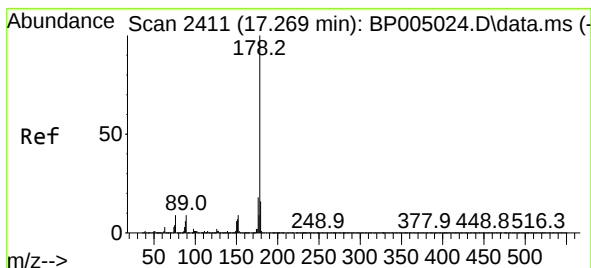
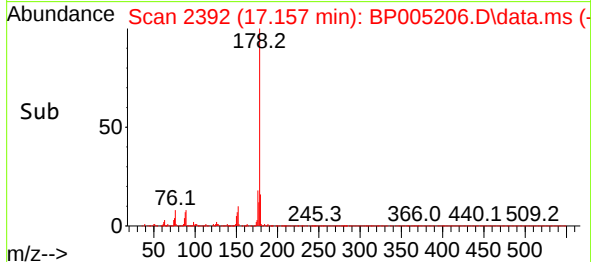
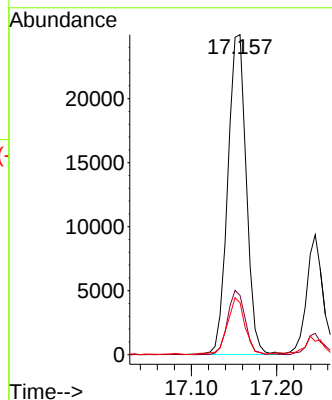
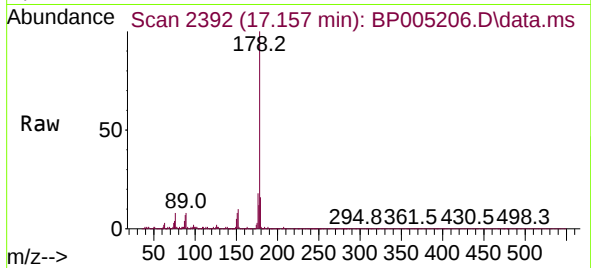
#71
Phenanthrene
Concen: 6.03 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	16.2	12.5	18.7

Instrument :
BNA_P
ClientSampleId :
NB-07-040221

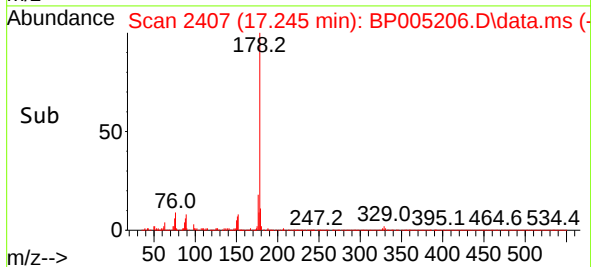
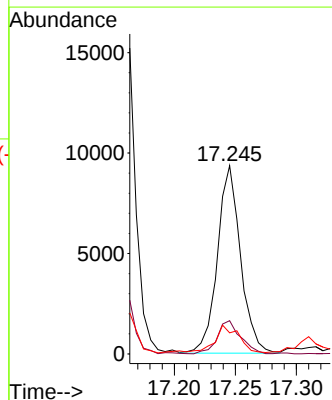
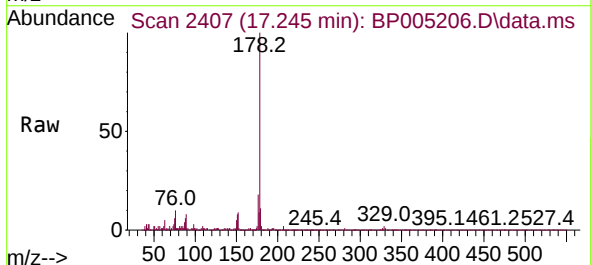
Manual Integrations
APPROVED

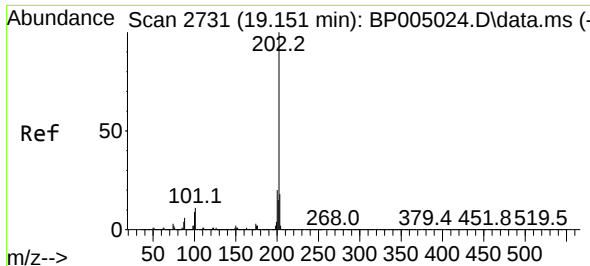
mohammad
4/8/2021 8:07:12 AM



#72
Anthracene
Concen: 2.03 ng m
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	11.2	12.5	18.7





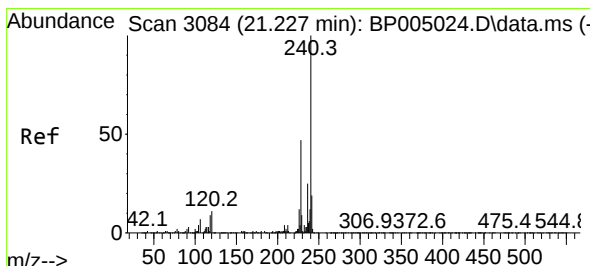
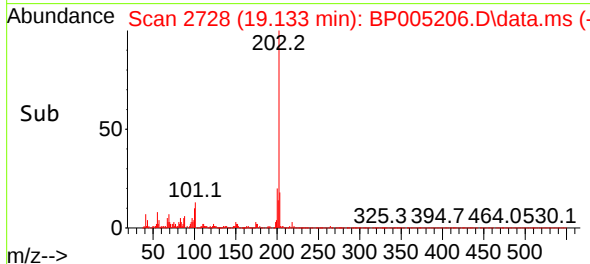
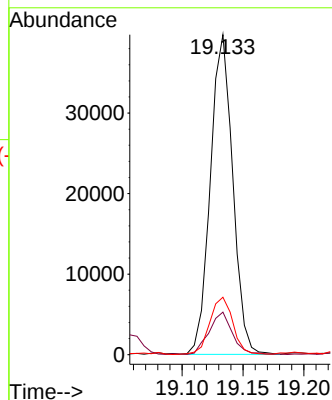
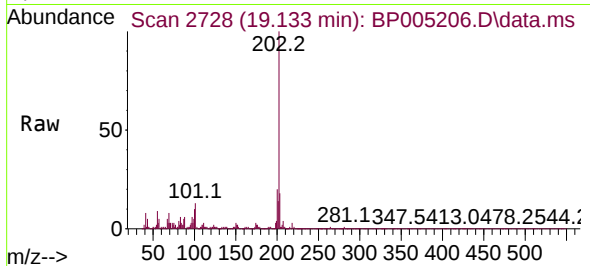
#75
Fluoranthene
Concen: 6.92 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	29.4
203	18.0	0.0	37.8

Instrument :
BNA_P
ClientSampleId :
NB-07-040221

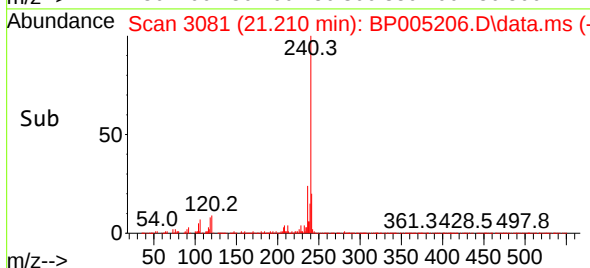
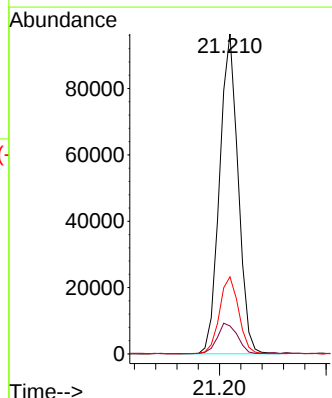
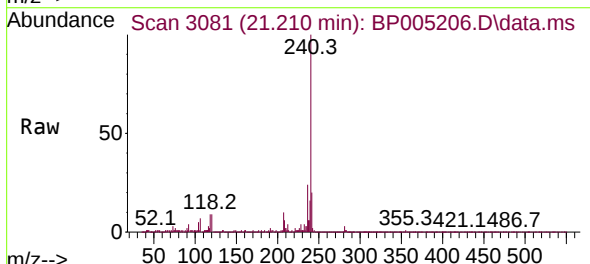
Manual Integrations
APPROVED

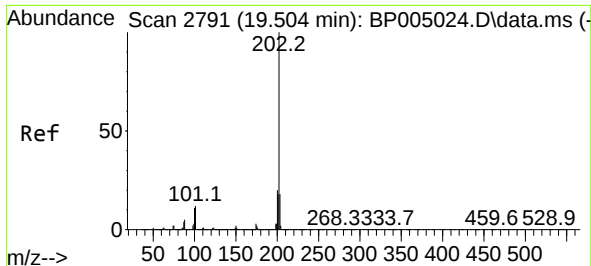
mohammad
4/8/2021 8:07:12 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

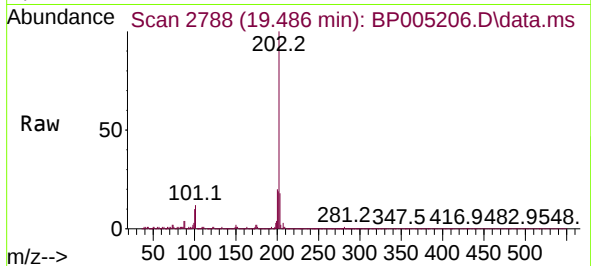
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	24.1	20.8	31.2





#78
 Pyrene
 Concen: 8.26 ng
 RT: 19.486 min Scan# 2788
 Delta R.T. 0.000 min
 Lab File: BP005206.D
 Acq: 06 Apr 2021 20:33

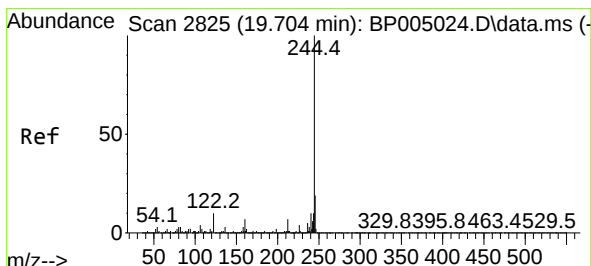
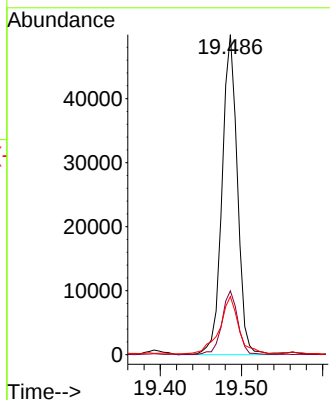
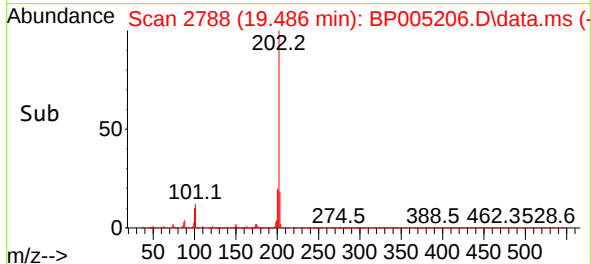
Instrument :
 BNA_P
 ClientSampleId :
 NB-07-040221



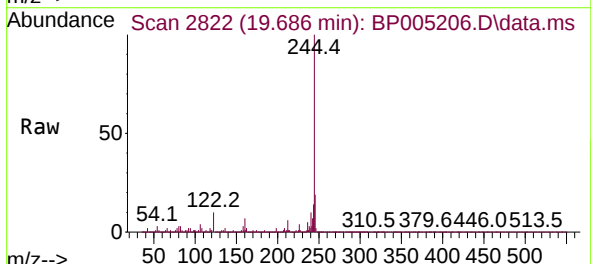
Tgt Ion:202 Resp: 65927
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.1 25.7
 203 18.1 14.2 21.2

Manual Integrations
 APPROVED

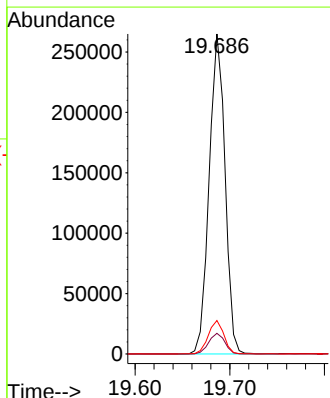
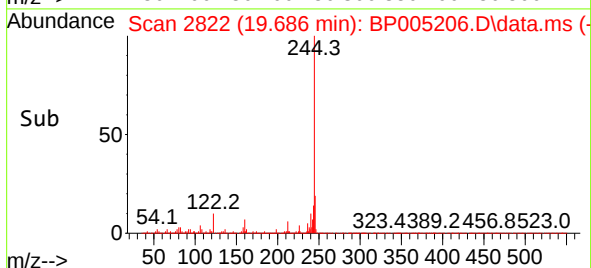
mohammad
 4/8/2021 8:07:12 AM

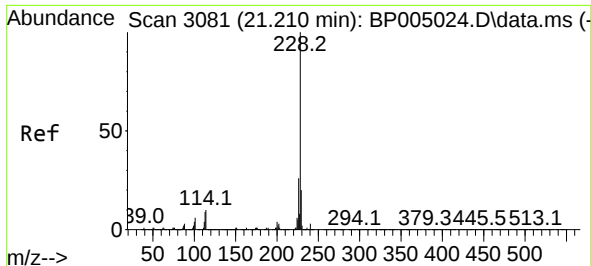


#79
 Terphenyl-d14
 Concen: 48.25 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BP005206.D
 Acq: 06 Apr 2021 20:33



Tgt Ion:244 Resp: 307806
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 10.5 7.8 11.8





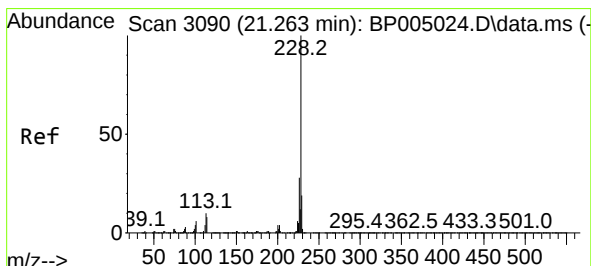
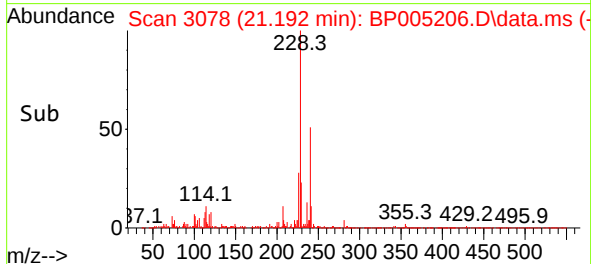
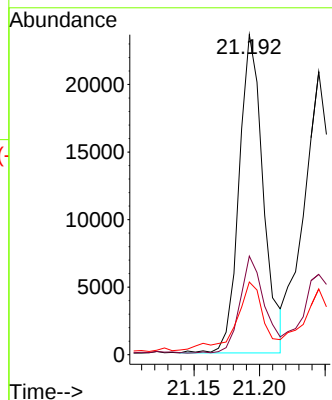
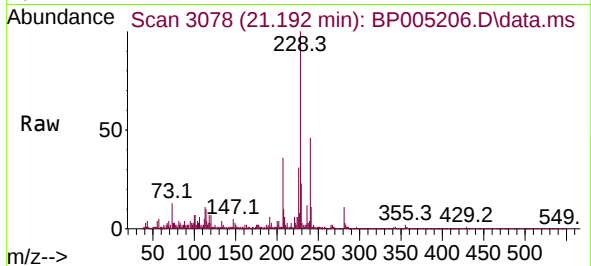
#81
Benzo(a)anthracene
Concen: 3.84 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:	228	Resp:	30295
Ion Ratio	Lower	Upper	
228	100		
226	30.8	22.1	33.1
229	22.7	15.9	23.9

Instrument :
BNA_P
ClientSampleId :
NB-07-040221

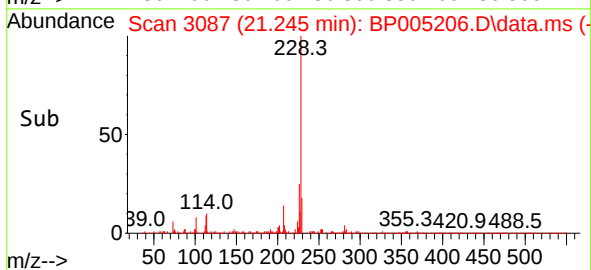
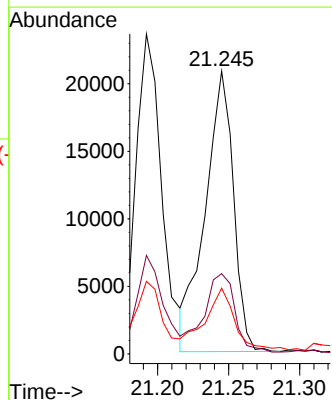
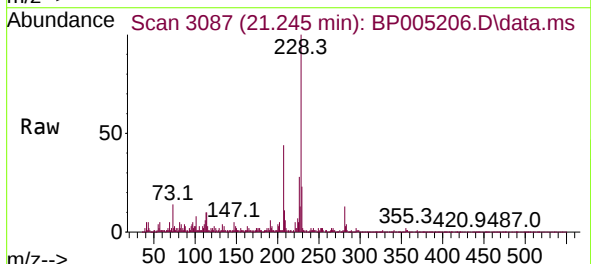
Manual Integrations
APPROVED

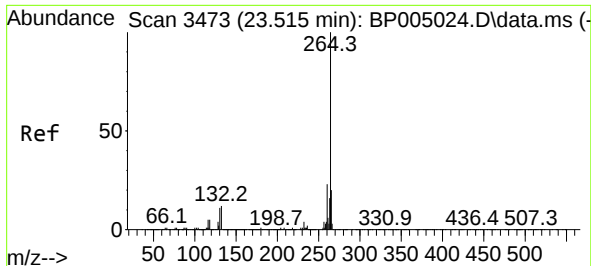
mohammad
4/8/2021 8:07:12 AM



#83
Chrysene
Concen: 3.71 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

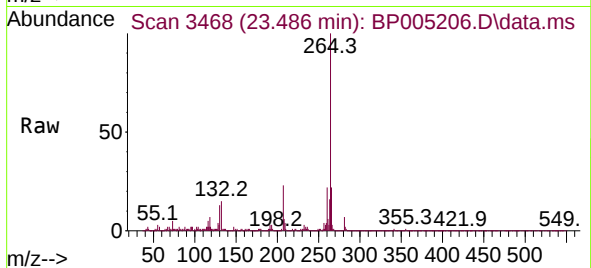
Tgt Ion:	228	Resp:	28744
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.4	36.6
229	23.2	15.8	23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

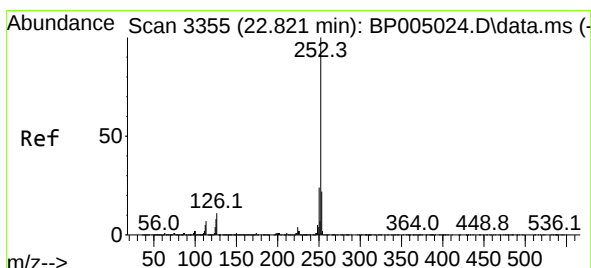
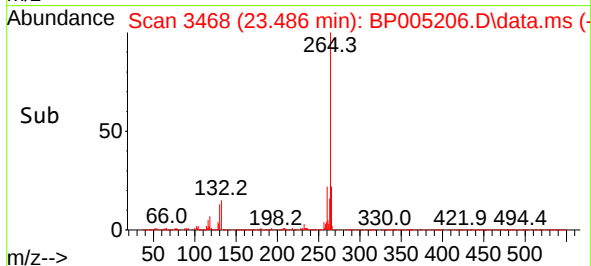
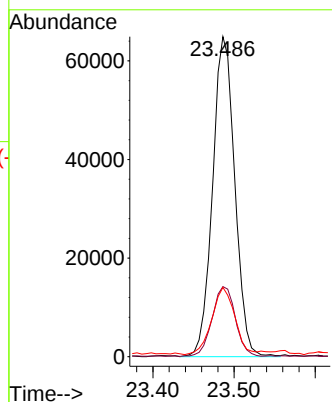
Instrument :
BNA_P
ClientSampleId :
NB-07-040221



Tgt Ion:264 Resp: 123531
Ion Ratio Lower Upper
264 100
260 21.9 18.8 28.2
265 21.7 17.4 26.2

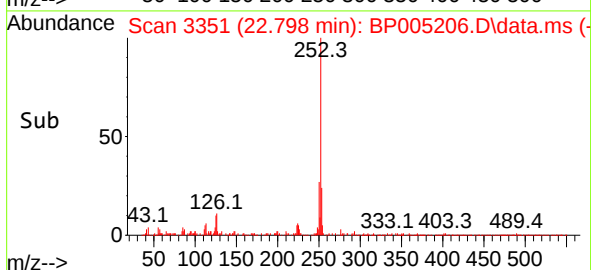
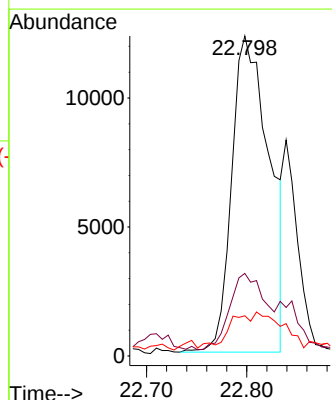
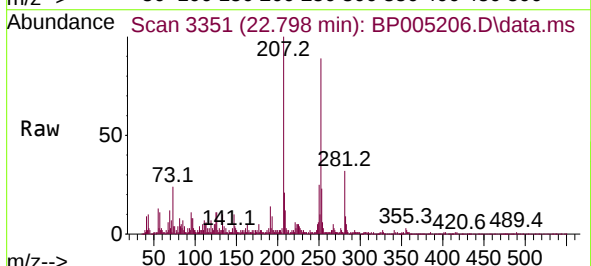
Manual Integrations
APPROVED

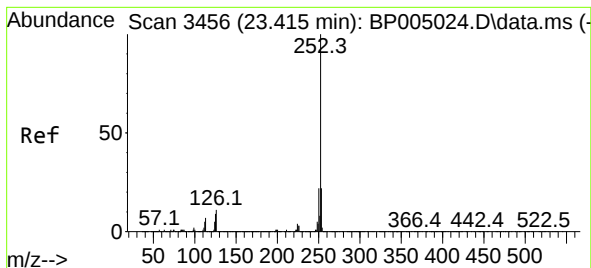
mohammad
4/8/2021 8:07:12 AM



#88
Benzo(b)fluoranthene
Concen: 3.63 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:252 Resp: 31868
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 12.6 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 3.37 ng

RT: 23.386 min Scan# 3451

Delta R.T. -0.006 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

Tgt Ion:	252	Resp:	26538
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.4	26.0
125	11.2	8.2	12.4

Instrument :

BNA_P

ClientSampleId :

NB-07-040221

Manual Integrations
APPROVED

mohammad
4/8/2021 8:07:12 AM

