

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005727.D
 Acq On : 04 Jun 2021 23:58
 Operator : CG/JU
 Sample : M2589-15 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B11(2-4)

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:25:47 PM

Quant Time: Jun 05 03:26:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	150544	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	588523	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	366091	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	760467	20.000	ng	# 0.00
76) Chrysene-d12	21.422	240	764492	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	880434	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	89820	9.276	ng	0.00
7) Phenol-d6	7.152	99	114705	8.690	ng	0.00
23) Nitrobenzene-d5	9.146	82	74893	7.077	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	39801	8.478	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	187150	6.765	ng	0.00
79) Terphenyl-d14	19.892	244	297432	7.300	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.398	178	486393	10.266	ng	100
72) Anthracene	17.487	178	124248	2.656	ng	98
75) Fluoranthene	19.357	202	555630	9.770	ng	97
78) Pyrene	19.704	202	476190	8.828	ng	98
80) Butylbenzylphthalate	20.563	149	54656	6.420	ng	94
81) Benzo(a)anthracene	21.410	228	225678	4.022	ng	94
83) Chrysene	21.463	228	210422m	3.873	ng	
84) Bis(2-ethylhexyl)phtha...	21.322	149	172870	5.673	ng	99
88) Benzo(b)fluoranthene	23.122	252	259264m	4.059	ng	
90) Benzo(a)pyrene	23.763	252	202324	3.481	ng	# 84
92) Benzo(g,h,i)perylene	27.245	276	134623	2.147	ng	# 84

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

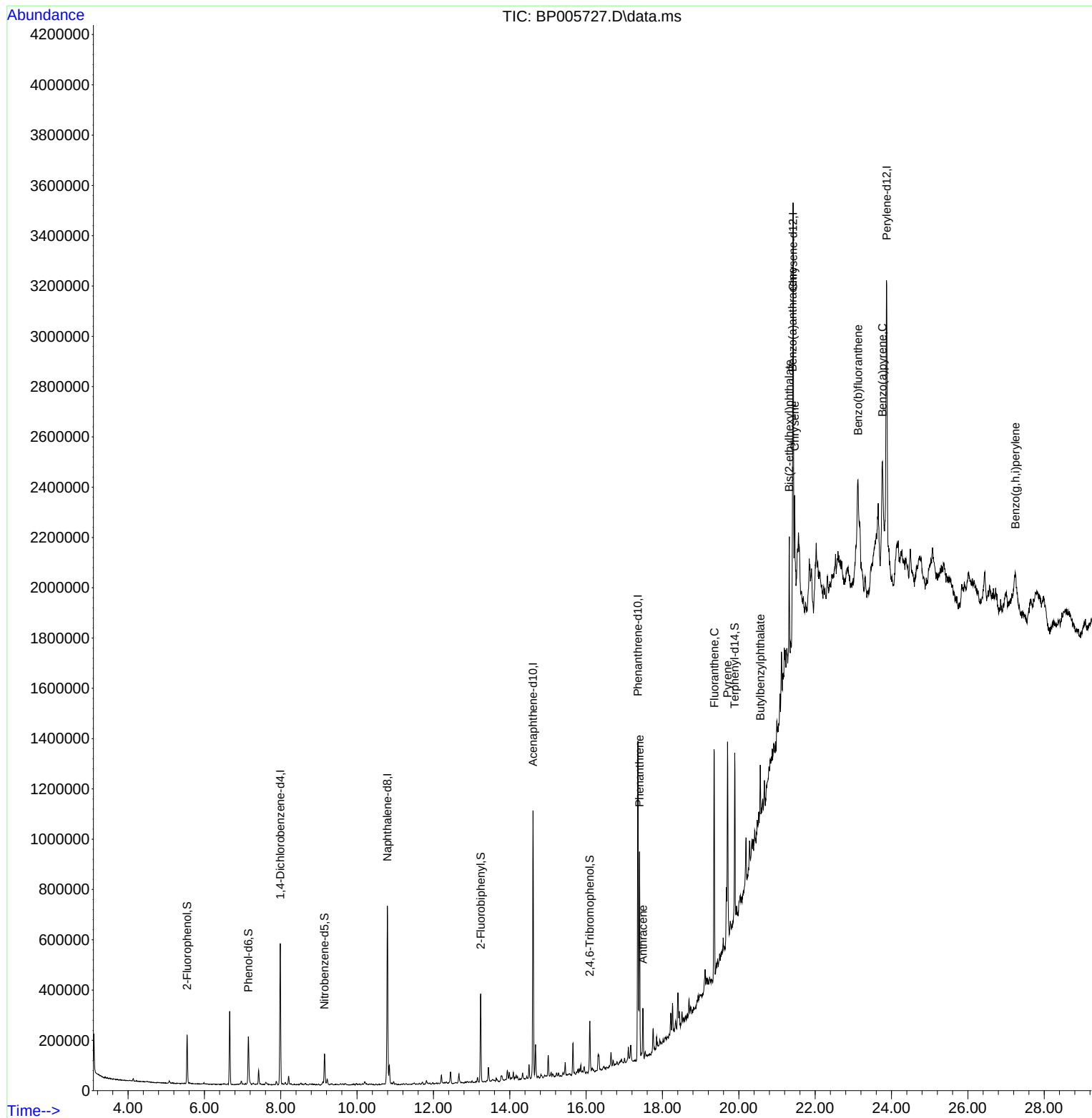
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005727.D
Acq On : 04 Jun 2021 23:58
Operator : CG/JU
Sample : M2589-15 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

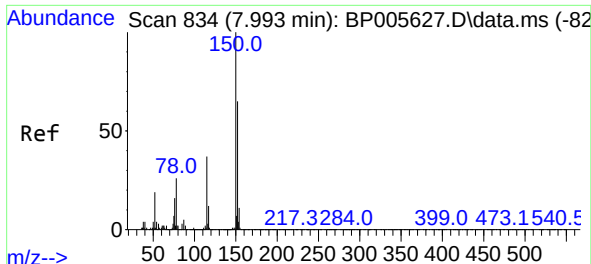
Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)

Manual Integrations
APPROVED

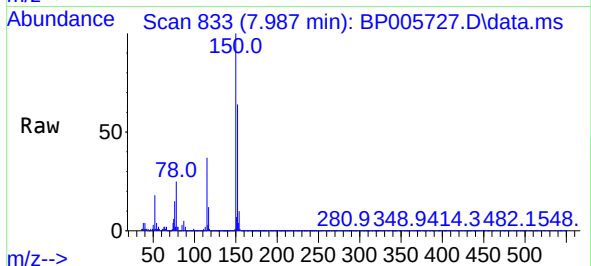
mohammad
6/7/2021 12:25:47 PM

Quant Time: Jun 05 03:26:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

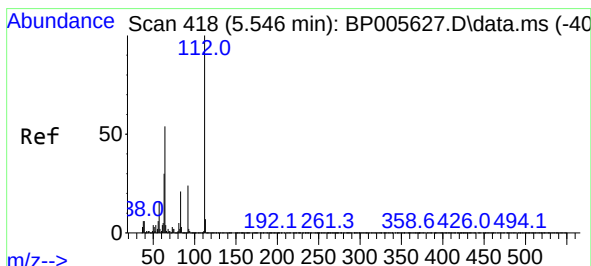
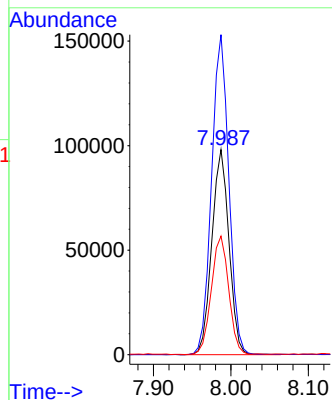
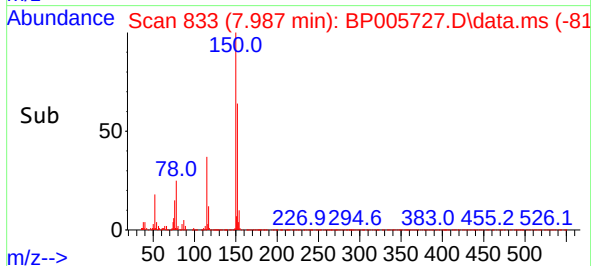




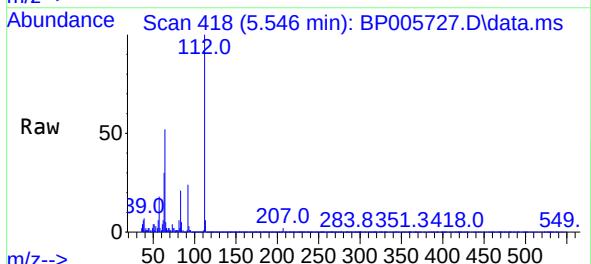
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58



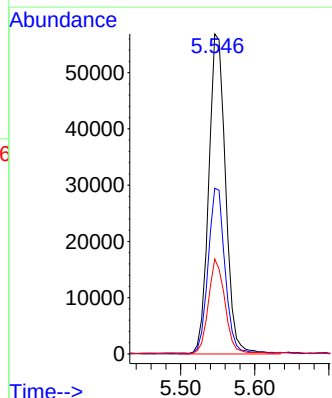
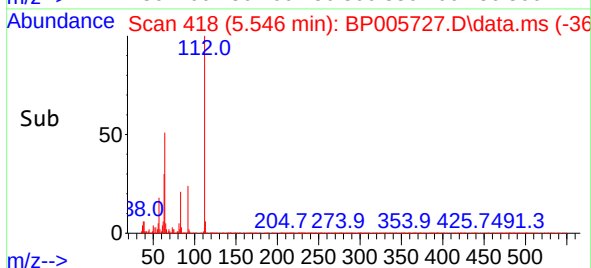
Tgt Ion:152 Resp: 150544
Ion Ratio Lower Upper
152 100
150 156.0 119.8 179.8
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 9.276 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58



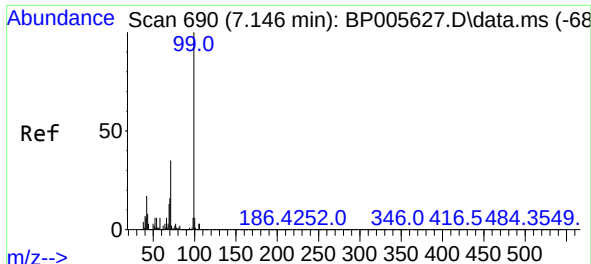
Tgt Ion:112 Resp: 89820
Ion Ratio Lower Upper
112 100
64 51.8 33.6 50.4#
63 29.6 18.6 27.8#



Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)

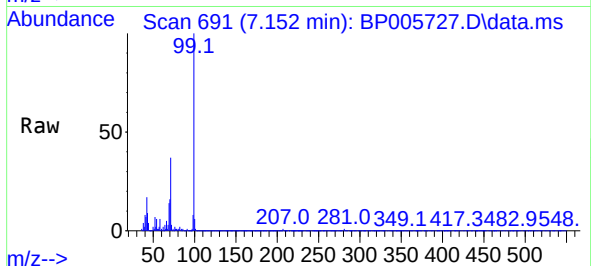
Manual Integrations
APPROVED

mohammad
6/7/2021 12:25:47 PM



#7
Phenol-d6
Concen: 8.690 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

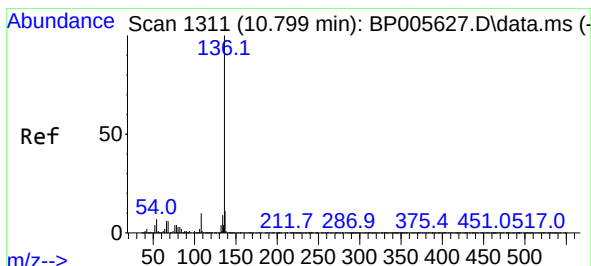
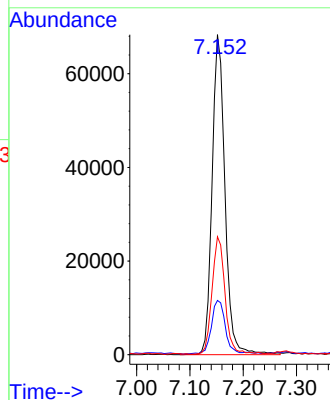
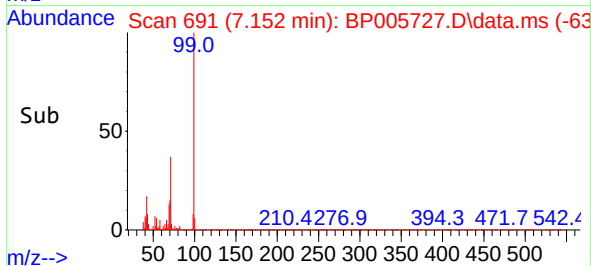
Instrument :
BNA_P
ClientSampled :
18-B11(2-4)



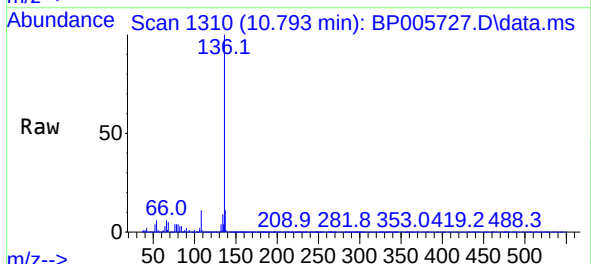
Tgt Ion: 99 Resp: 114705
Ion Ratio Lower Upper
99 100
42 16.9 12.9 19.3
71 36.9 26.7 40.1

Manual Integrations
APPROVED

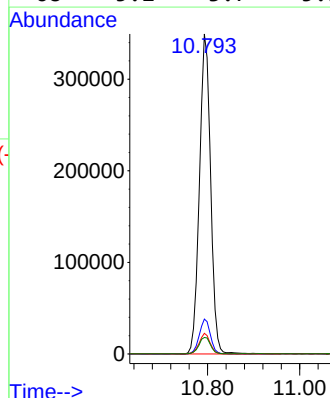
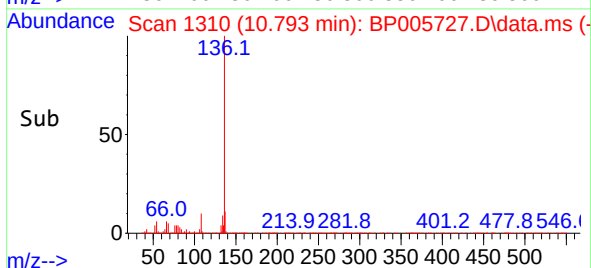
mohammad
6/7/2021 12:25:47 PM

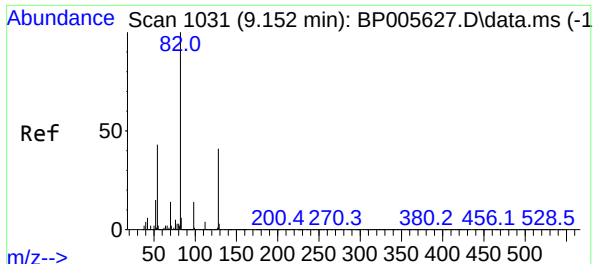


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58



Tgt Ion: 136 Resp: 588523
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 5.0 7.4
68 5.2 3.7 5.5





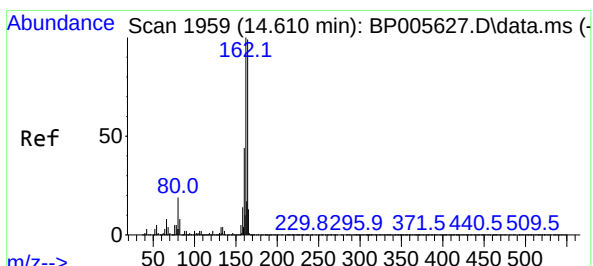
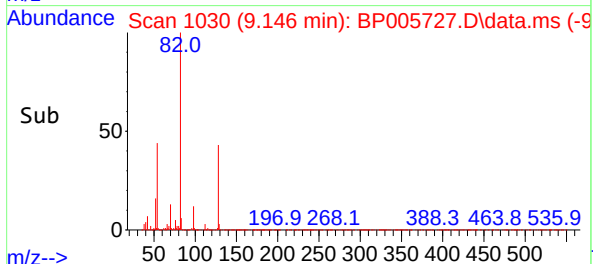
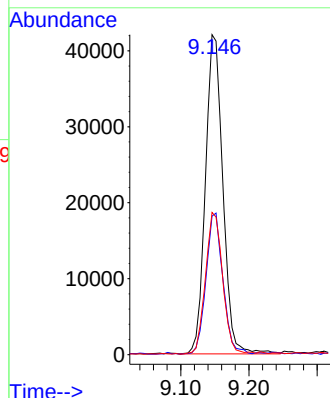
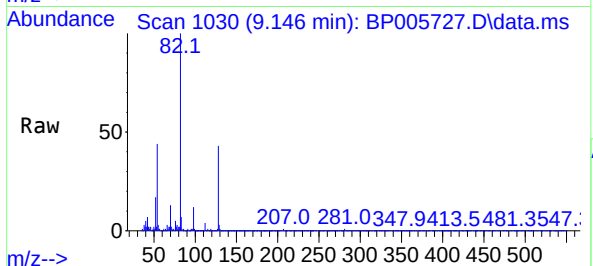
#23
Nitrobenzene-d5
Concen: 7.077 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion: 82 Resp: 74893
Ion Ratio Lower Upper
82 100
128 43.3 30.5 45.7
54 44.4 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)

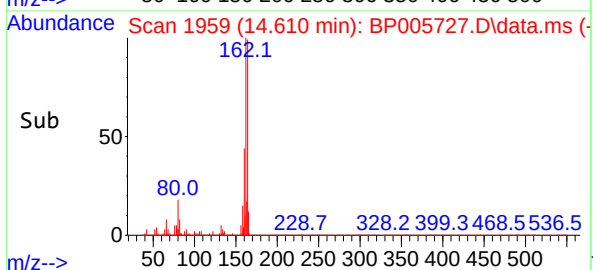
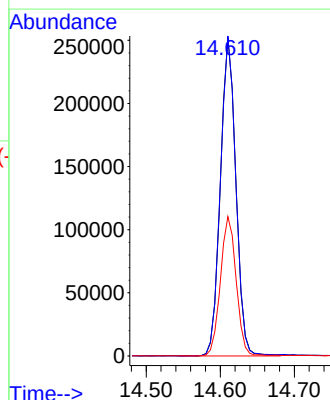
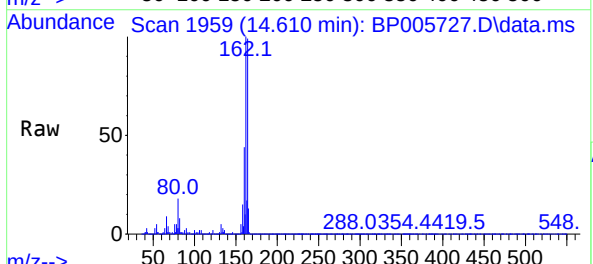
Manual Integrations
APPROVED

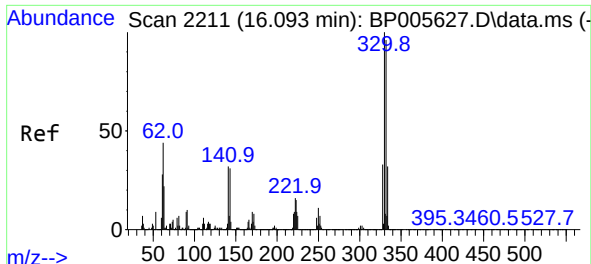
mohammad
6/7/2021 12:25:47 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

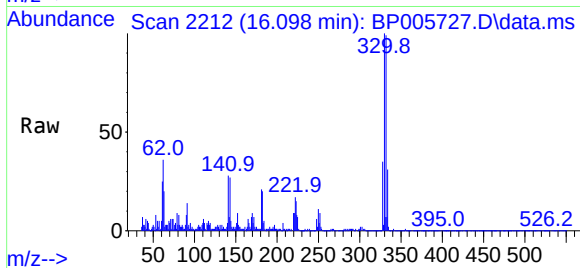
Tgt Ion: 164 Resp: 366091
Ion Ratio Lower Upper
164 100
162 100.5 73.5 110.3
160 43.8 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 8.478 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

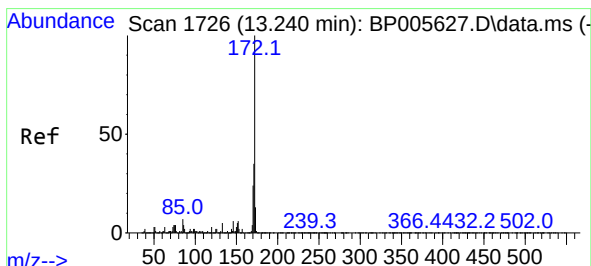
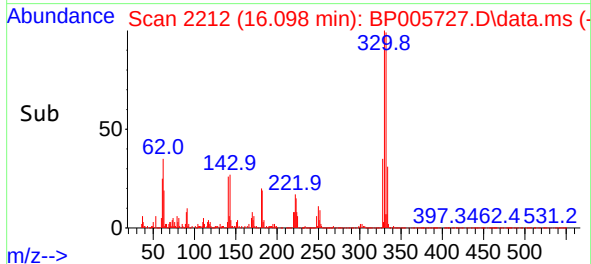
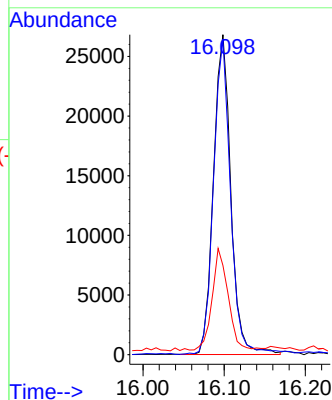
Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)



Tgt Ion:330 Resp: 39801
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 29.3 22.8 34.2

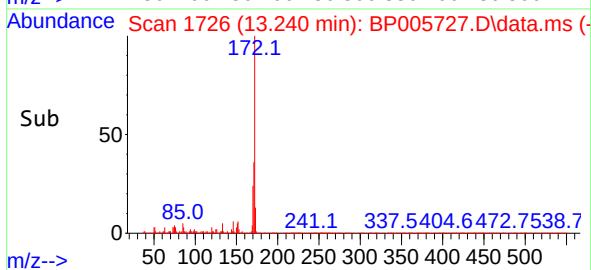
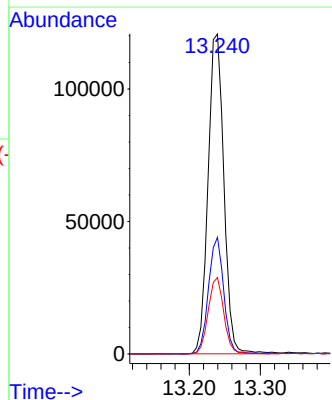
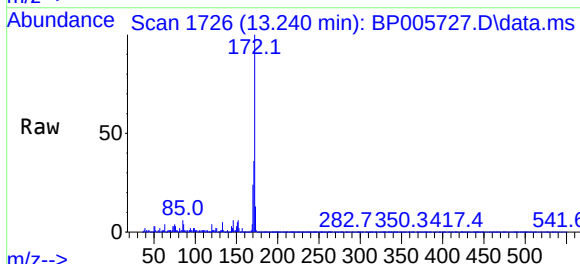
Manual Integrations
APPROVED

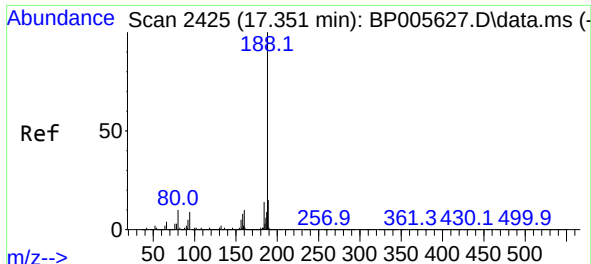
mohammad
6/7/2021 12:25:47 PM



#45
2-Fluorobiphenyl
Concen: 6.765 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion:172 Resp: 187150
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.9 19.6 29.4





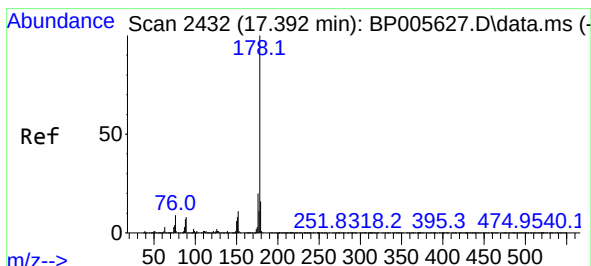
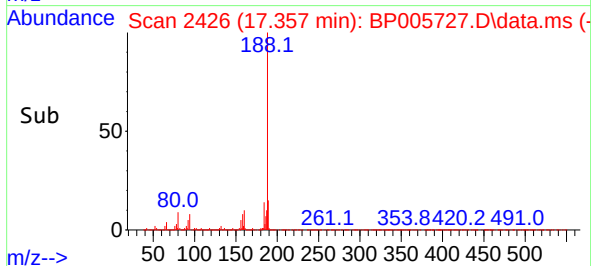
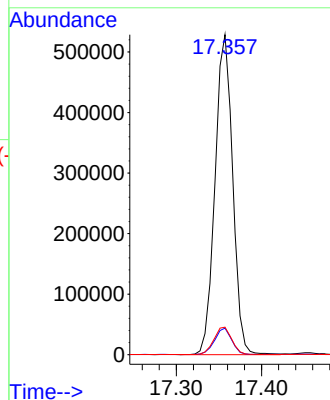
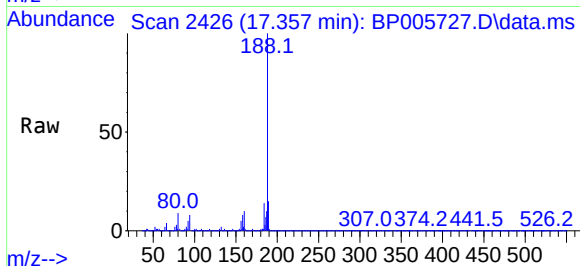
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion:188 Resp: 760467
Ion Ratio Lower Upper
188 100
94 8.3 5.0 7.6#
80 8.6 5.9 8.9

Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)

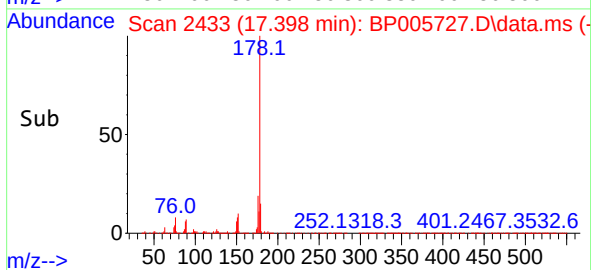
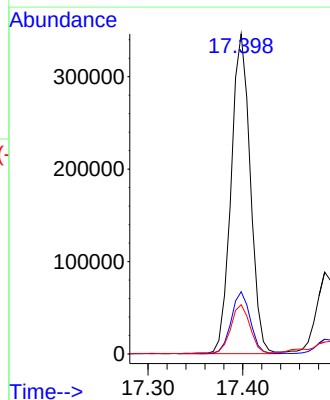
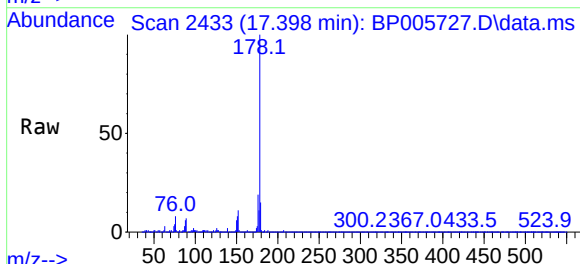
Manual Integrations
APPROVED

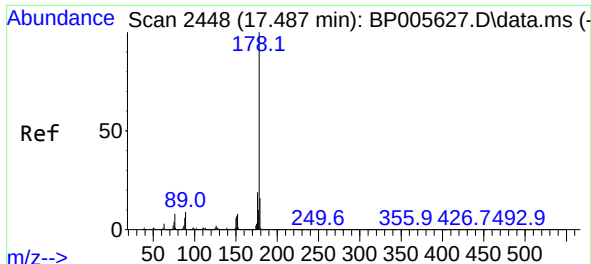
mohammad
6/7/2021 12:25:47 PM



#71
Phenanthrene
Concen: 10.266 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

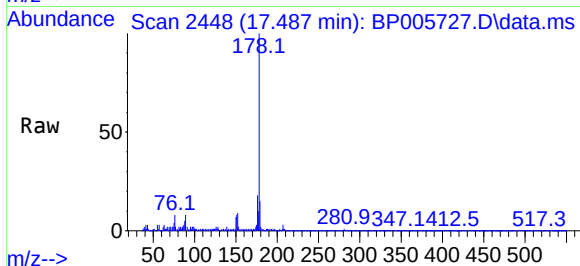
Tgt Ion:178 Resp: 486393
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.3 18.5





#72
 Anthracene
 Concen: 2.656 ng
 RT: 17.487 min Scan# 2448
 Delta R.T. -0.000 min
 Lab File: BP005727.D
 Acq: 04 Jun 2021 23:58

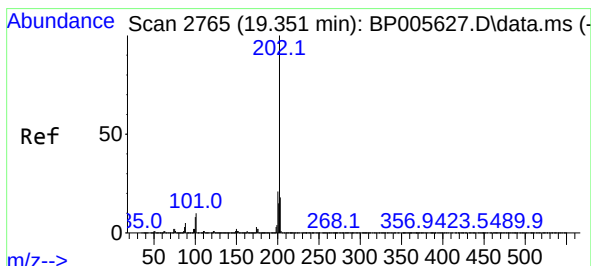
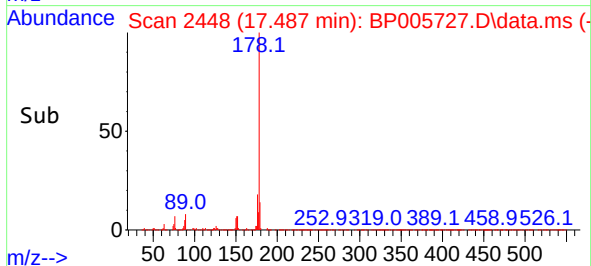
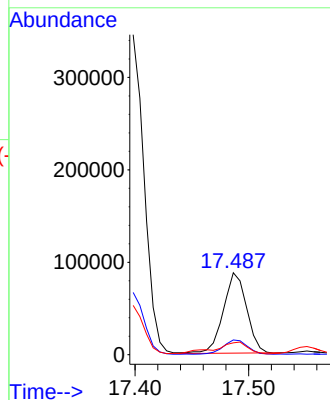
Instrument :
 BNA_P
 ClientSampled :
 18-B11(2-4)



Tgt Ion:178 Resp: 124248
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.2 22.8
 179 14.5 12.6 19.0

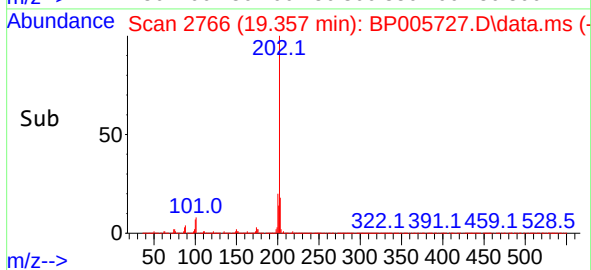
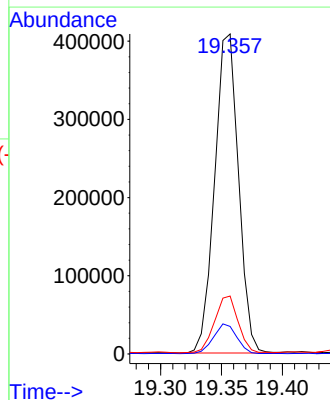
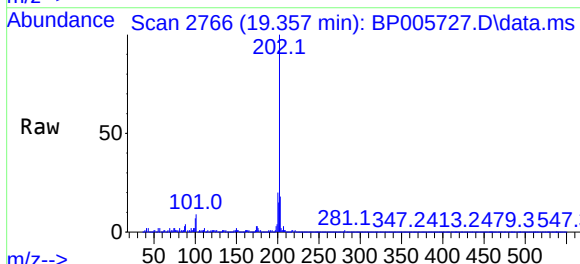
Manual Integrations
 APPROVED

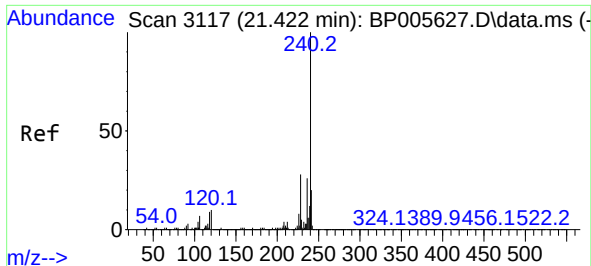
mohammad
 6/7/2021 12:25:47 PM



#75
 Fluoranthene
 Concen: 9.770 ng
 RT: 19.357 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP005727.D
 Acq: 04 Jun 2021 23:58

Tgt Ion:202 Resp: 555630
 Ion Ratio Lower Upper
 202 100
 101 8.6 0.0 26.1
 203 18.1 0.0 37.2





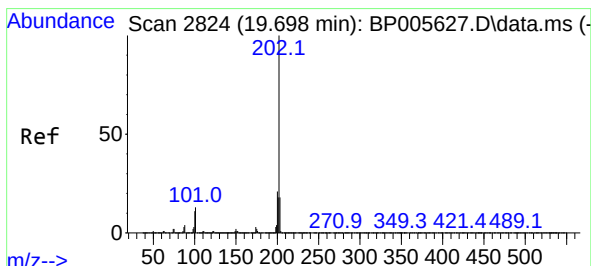
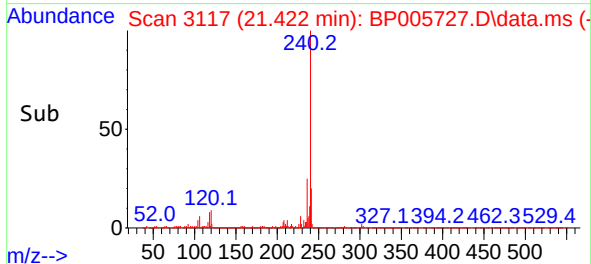
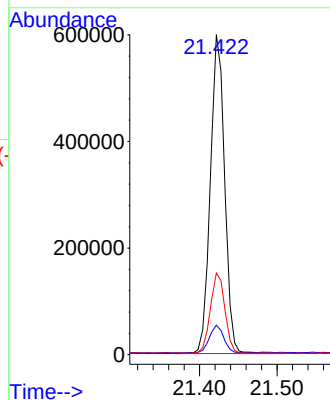
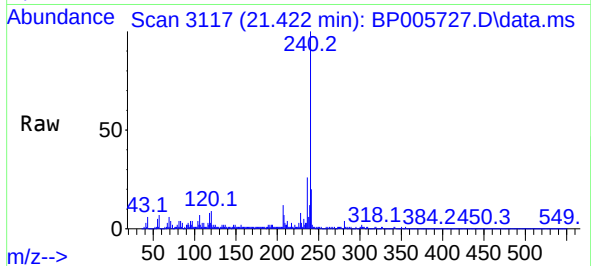
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion:240 Resp: 764492
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.5 20.2 30.2

Instrument :
BNA_P
ClientSampled :
18-B11(2-4)

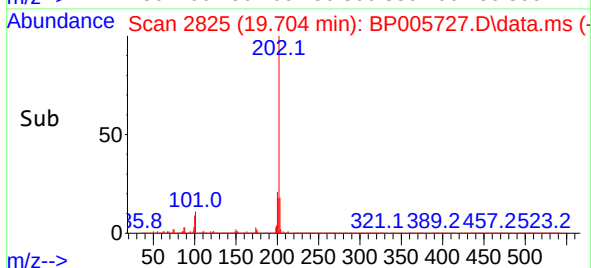
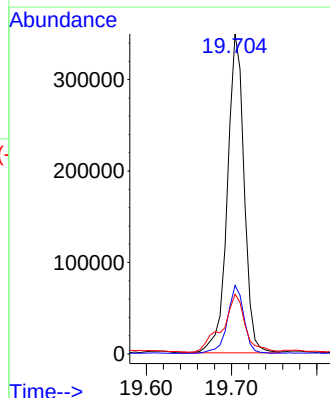
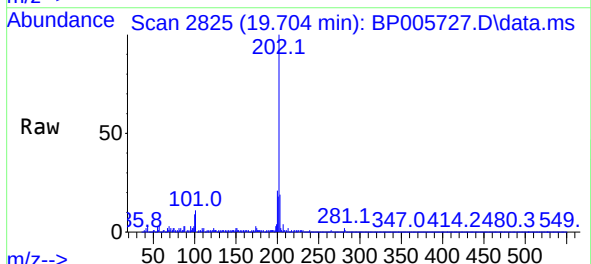
Manual Integrations
APPROVED

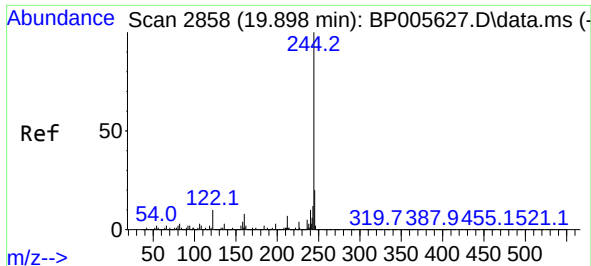
mohammad
6/7/2021 12:25:47 PM



#78
Pyrene
Concen: 8.828 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion:202 Resp: 476190
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.7 13.8 20.6





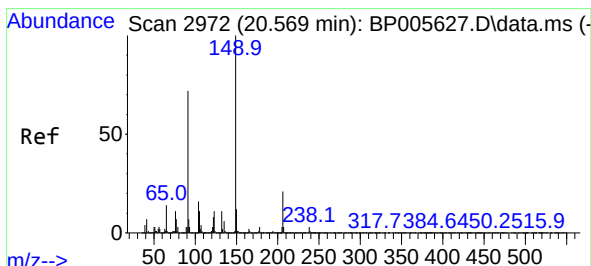
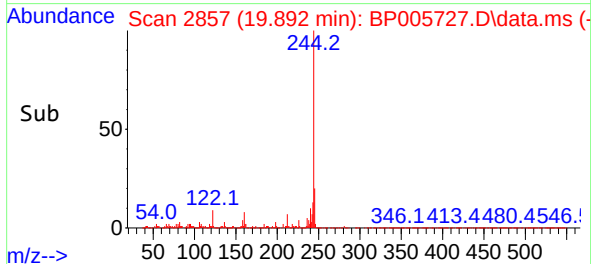
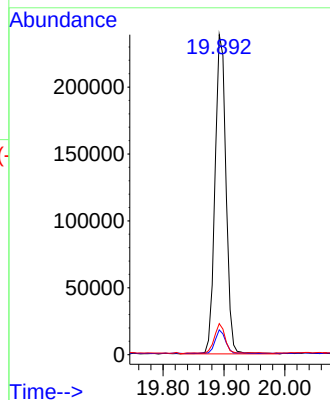
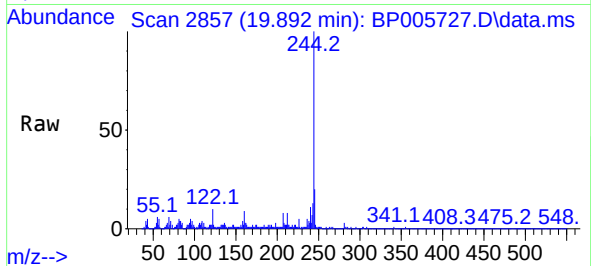
#79
Terphenyl-d14
Concen: 7.300 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion:244 Resp: 297432
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 9.7 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)

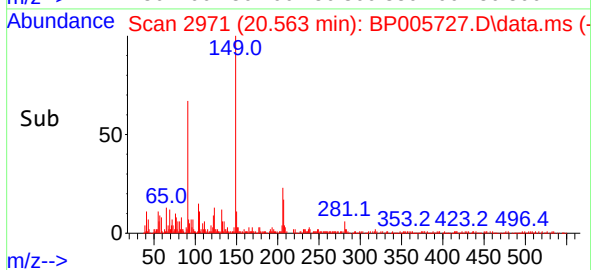
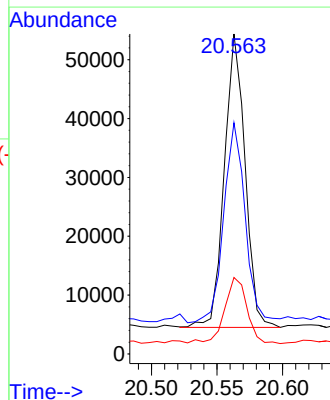
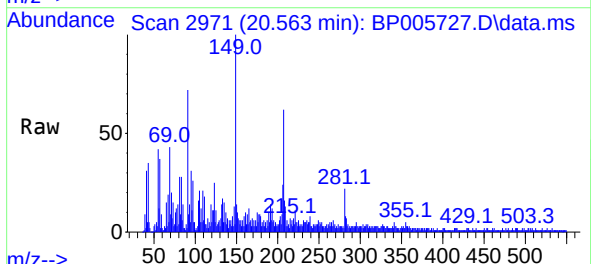
Manual Integrations
APPROVED

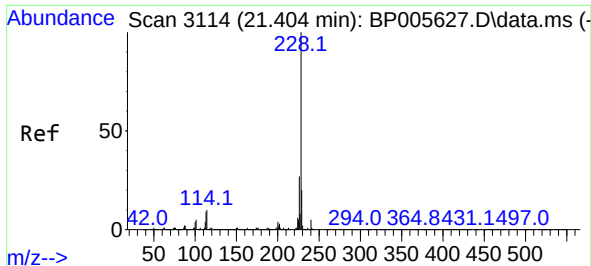
mohammad
6/7/2021 12:25:47 PM



#80
Butylbenzylphthalate
Concen: 6.420 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

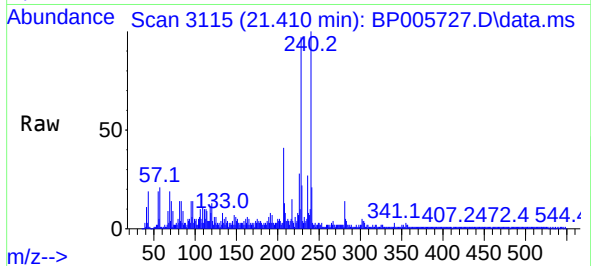
Tgt Ion:149 Resp: 54656
Ion Ratio Lower Upper
149 100
91 72.2 60.2 90.4
206 23.9 23.9 35.9





#81
Benzo(a)anthracene
Concen: 4.022 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

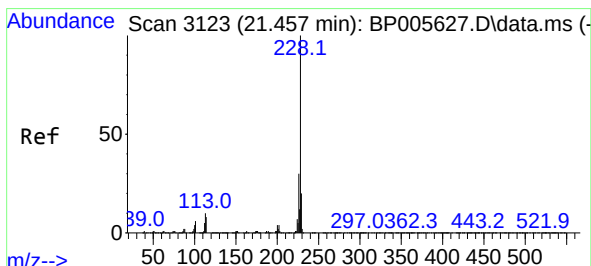
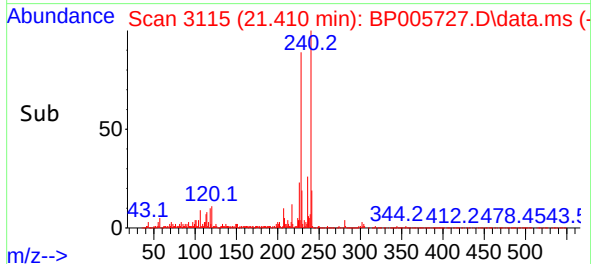
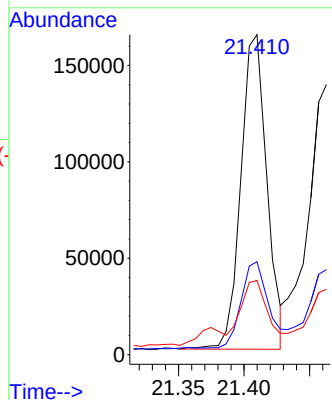
Instrument :
BNA_P
ClientSampled :
18-B11(2-4)



Tgt Ion:228 Resp: 225678
Ion Ratio Lower Upper
228 100
226 29.0 21.2 31.8
229 23.2 15.6 23.4

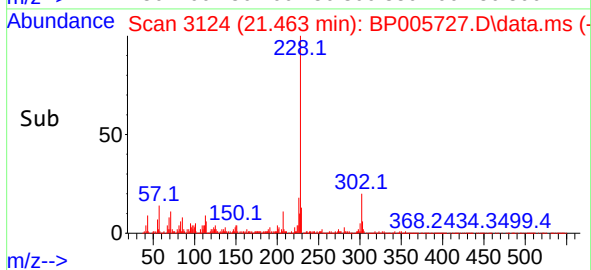
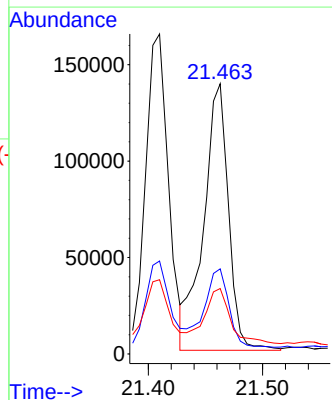
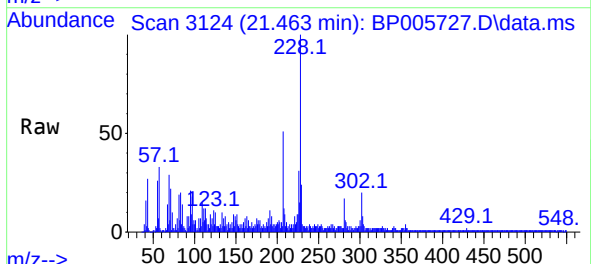
Manual Integrations
APPROVED

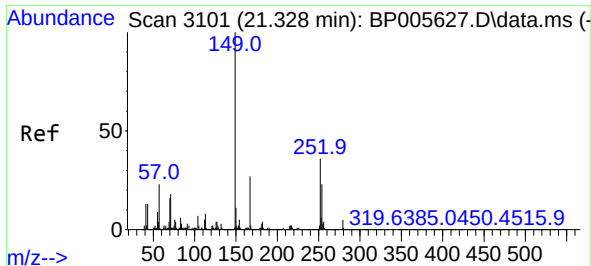
mohammad
6/7/2021 12:25:47 PM



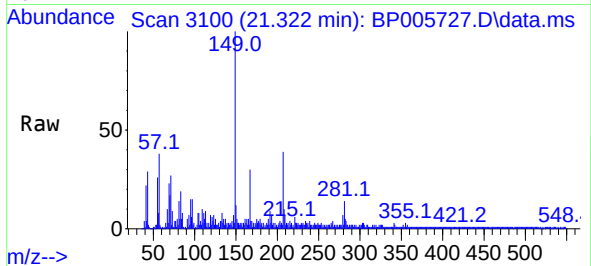
#83
Chrysene
Concen: 3.873 ng m
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Tgt Ion:228 Resp: 210422
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 24.2 15.4 23.0#

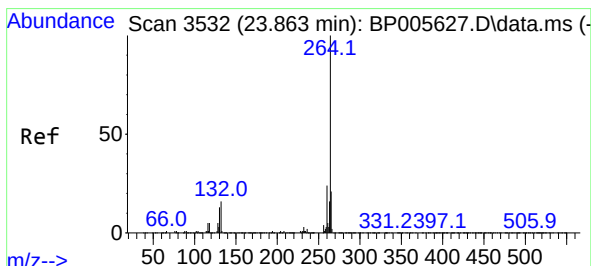
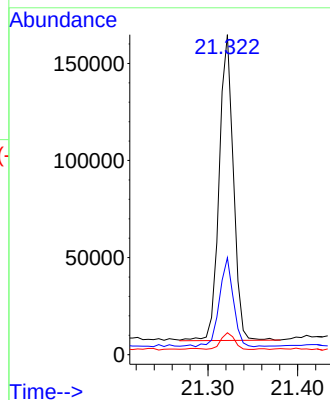
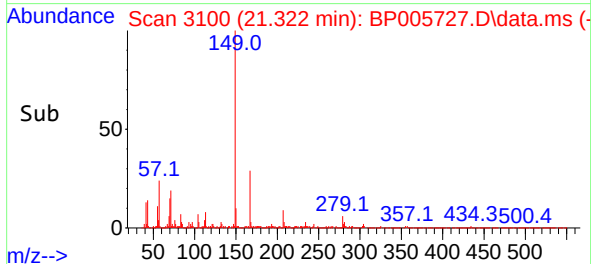




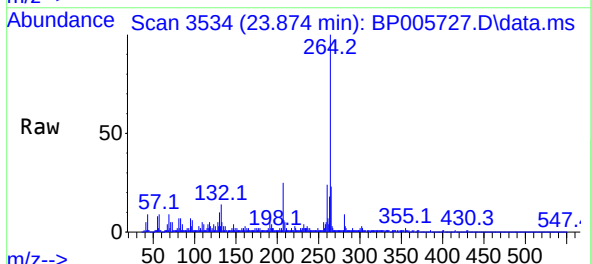
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.673 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58



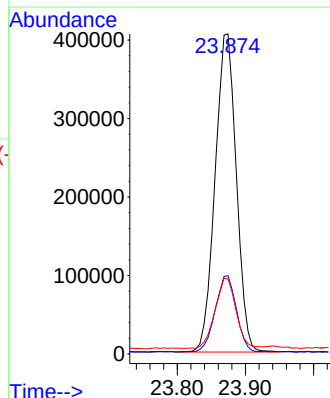
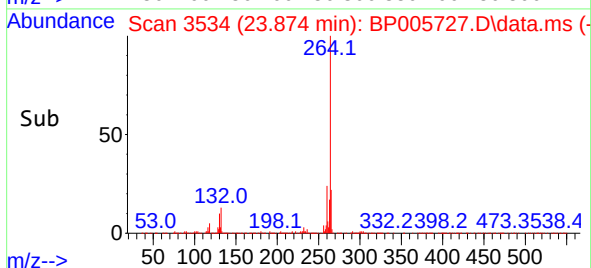
Tgt Ion:149 Resp: 172870
Ion Ratio Lower Upper
149 100
167 30.3 23.8 35.8
279 6.9 5.7 8.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58



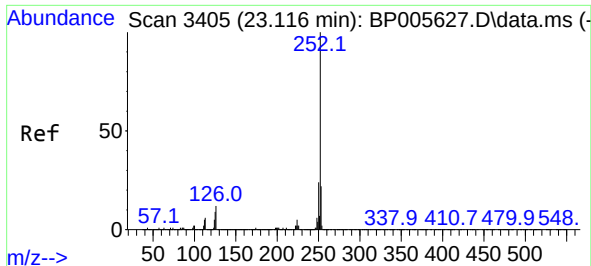
Tgt Ion:264 Resp: 880434
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 23.4 19.0 28.6



Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)

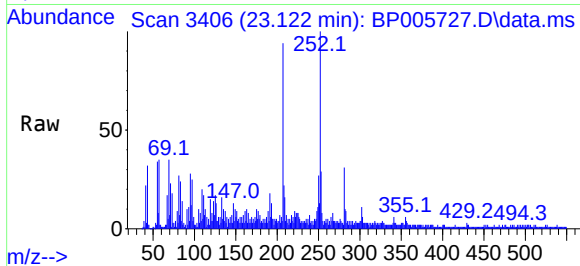
Manual Integrations
APPROVED

mohammad
6/7/2021 12:25:47 PM



#88
Benzo(b)fluoranthene
Concen: 4.059 ng m
RT: 23.122 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

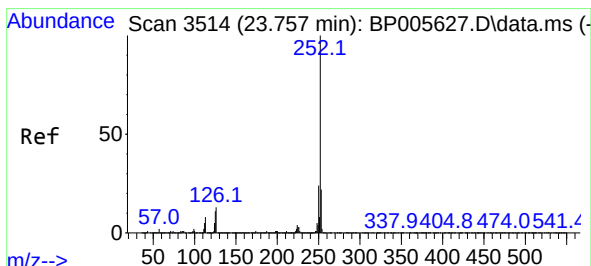
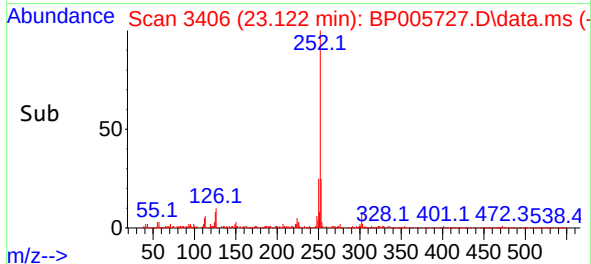
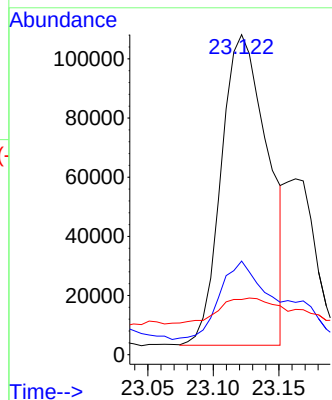
Instrument :
BNA_P
ClientSampled :
18-B11(2-4)



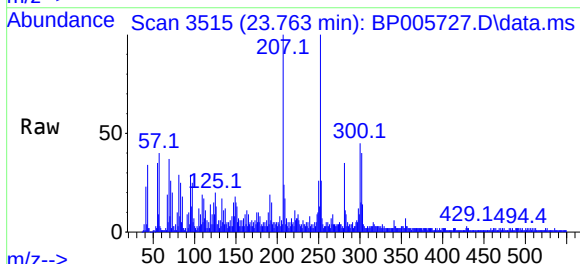
Tgt Ion:252 Resp: 259264
Ion Ratio Lower Upper
252 100
253 29.2 18.2 27.2#
125 17.3 3.4 5.0#

Manual Integrations
APPROVED

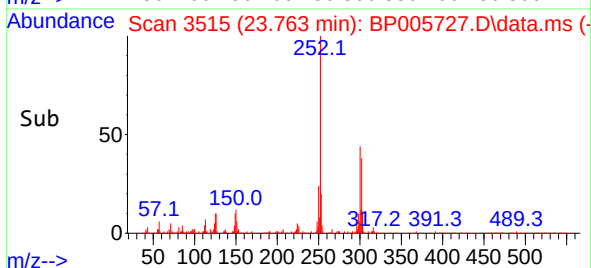
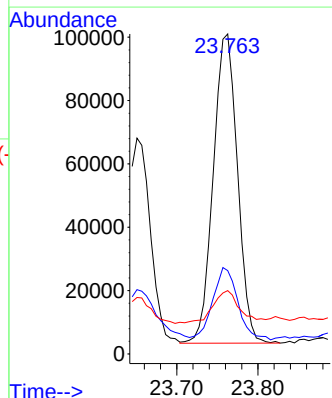
mohammad
6/7/2021 12:25:47 PM

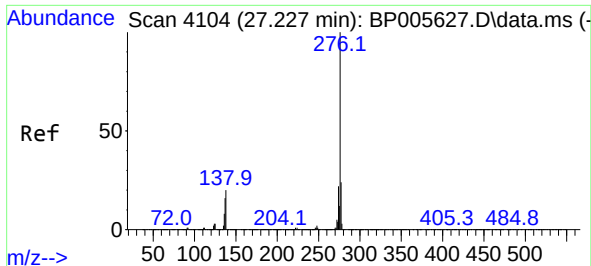


#90
Benzo(a)pyrene
Concen: 3.481 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58



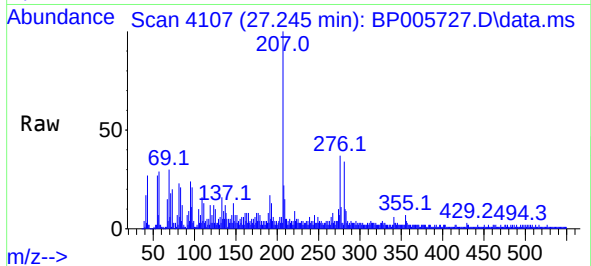
Tgt Ion:252 Resp: 202324
Ion Ratio Lower Upper
252 100
253 26.1 17.1 25.7#
125 19.8 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 2.147 ng
RT: 27.245 min Scan# 4107
Delta R.T. 0.018 min
Lab File: BP005727.D
Acq: 04 Jun 2021 23:58

Instrument :
BNA_P
ClientSampleId :
18-B11(2-4)



Tgt Ion: 276 Resp: 134623
Ion Ratio Lower Upper
276 100
277 29.4 19.8 29.8
138 21.3 7.7 11.5#

Manual Integrations
APPROVED

mohammad
6/7/2021 12:25:47 PM

