

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007188.D
 Acq On : 25 Sep 2021 16:09
 Operator : CG/JU
 Sample : M3775-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-5

Manual Integrations
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Quant Time: Sep 26 02:14:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	221585	20.00	ng	-0.01
21) Naphthalene-d8	10.681	136	868302	20.00	ng	#-0.01
39) Acenaphthene-d10	14.516	164	574432	20.00	ng	-0.01
64) Phenanthrene-d10	17.263	188	1223486	20.00	ng	#-0.01
76) Chrysene-d12	21.345	240	1211708	20.00	ng	#-0.01
86) Perylene-d12	23.757	264	1337432	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1192794	90.11	ng	0.00
7) Phenol-d6	7.052	99	1501758	83.01	ng	-0.01
23) Nitrobenzene-d5	9.046	82	884071	59.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.004	330	779172	104.63	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	2271105	56.64	ng	-0.01
79) Terphenyl-d14	19.822	244	3460841	54.73	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	342194	5.22	ng	99
75) Fluoranthene	19.275	202	466792	6.18	ng	97
78) Pyrene	19.622	202	351437	4.42	ng	99
81) Benzo(a)anthracene	21.333	228	235415	2.99	ng	96
83) Chrysene	21.386	228	195973m	2.61	ng	
88) Benzo(b)fluoranthene	23.021	252	255385	3.20	ng	# 91
90) Benzo(a)pyrene	23.645	252	181172	2.67	ng	# 91

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

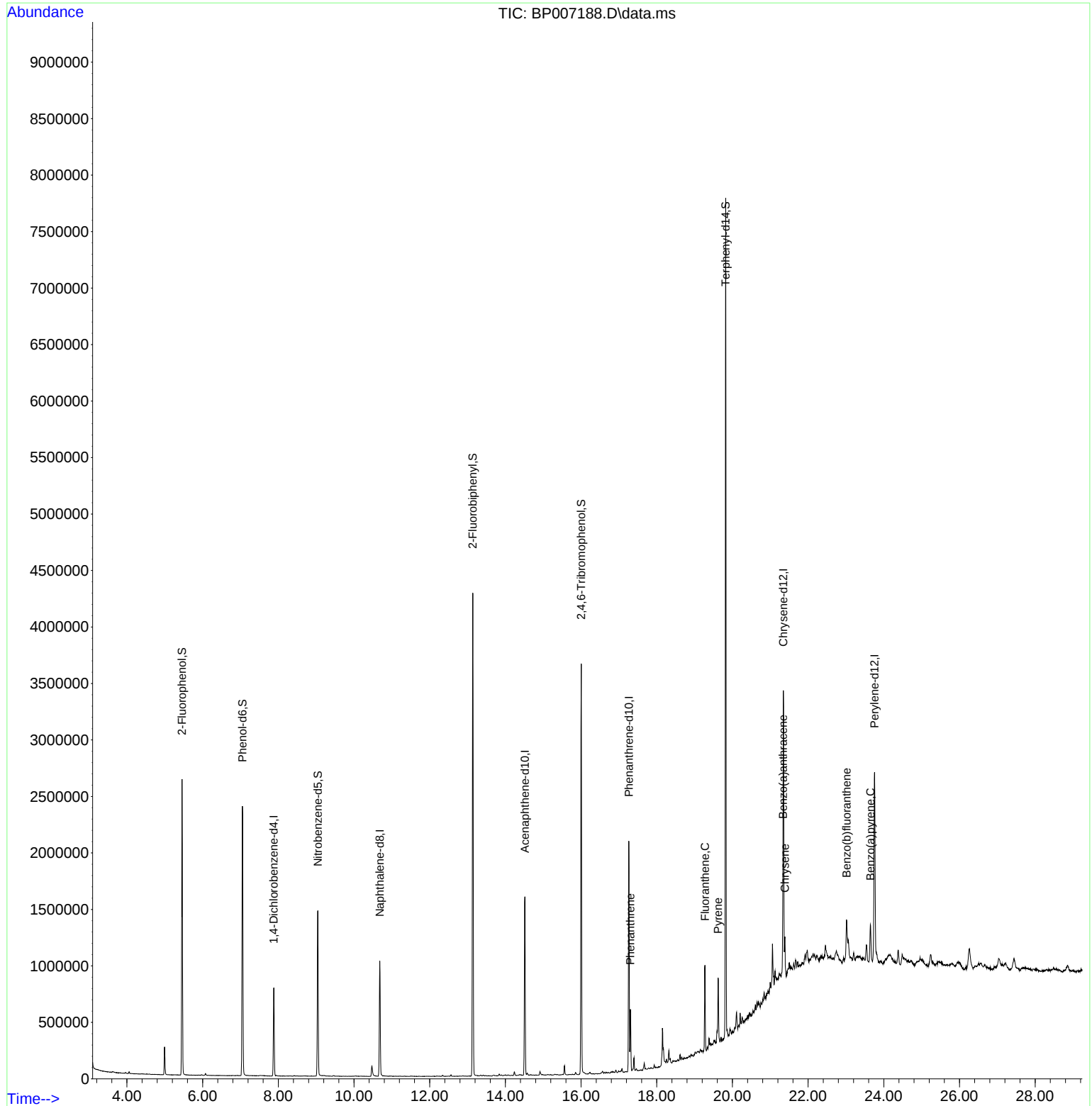
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Data File : BP007188.D
Acq On : 25 Sep 2021 16:09
Operator : CG/JU
Sample : M3775-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

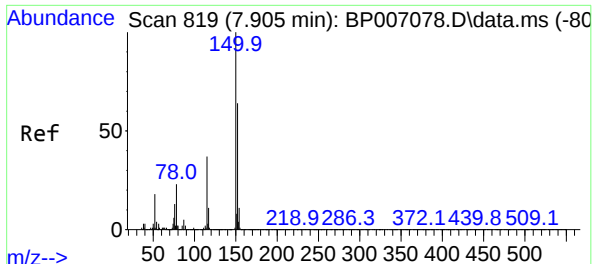
Instrument :
BNA_P
ClientSampleId :
PE-5

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Quant Time: Sep 26 02:14:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration





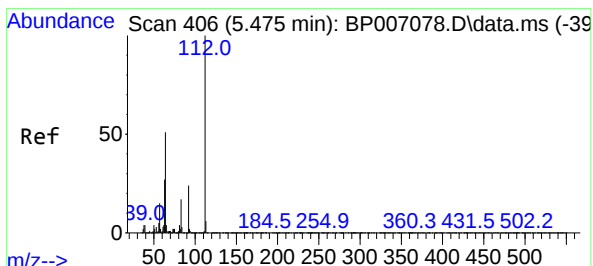
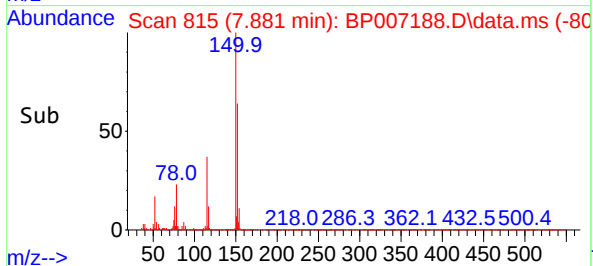
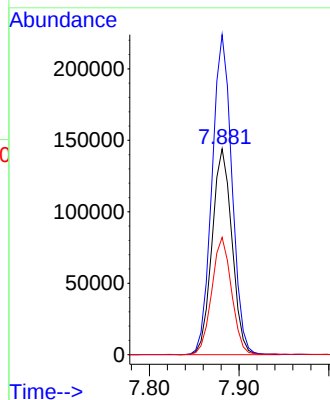
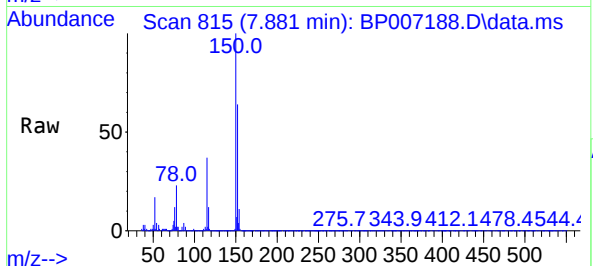
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:152 Resp: 221585
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 56.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
PE-5

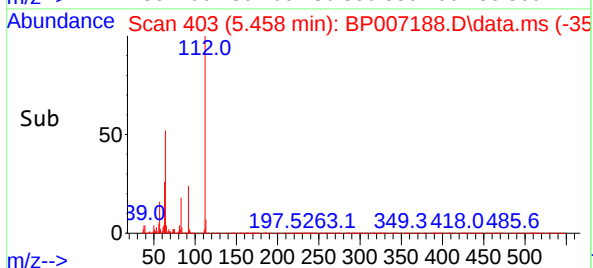
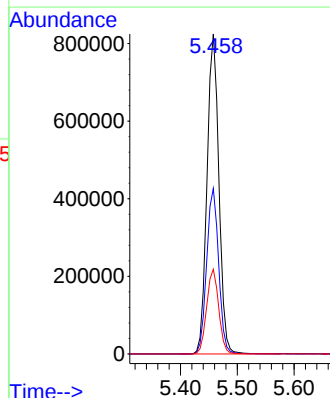
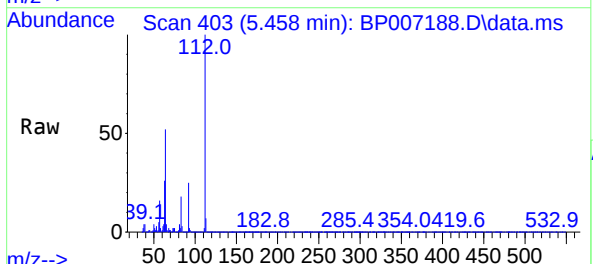
Manual Integrations
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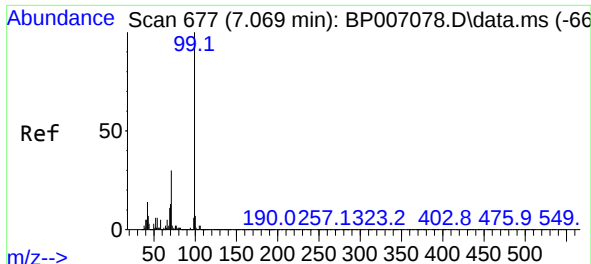
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#5
2-Fluorophenol
Concen: 90.11 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

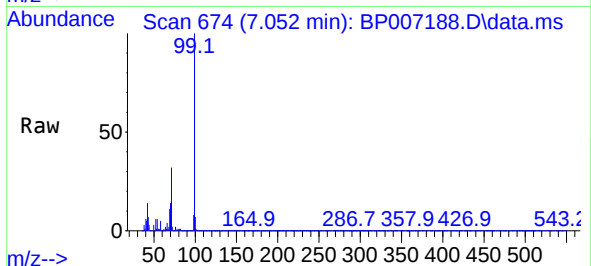
Tgt Ion:112 Resp: 1192794
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.5 23.8 35.8





#7
Phenol-d6
Concen: 83.01 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

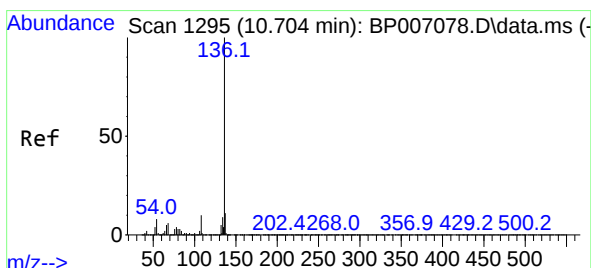
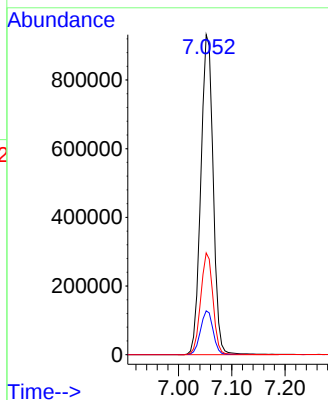
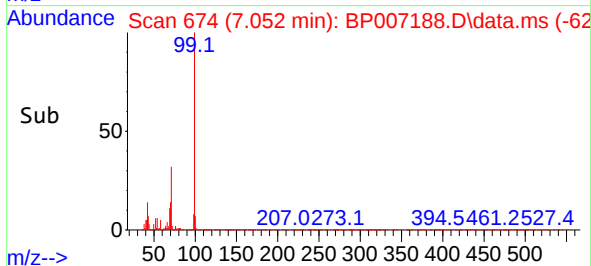
Instrument :
BNA_P
ClientSampled :
PE-5



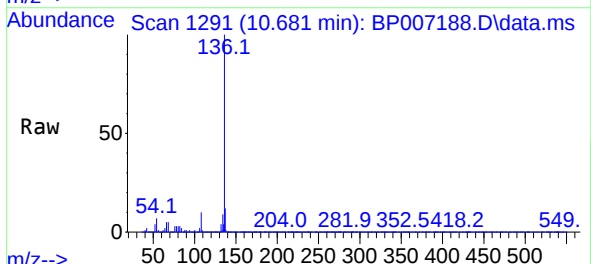
Tgt Ion: 99 Resp: 1501758
Ion Ratio Lower Upper
99 100
42 13.7 13.4 20.0
71 31.8 30.6 46.0

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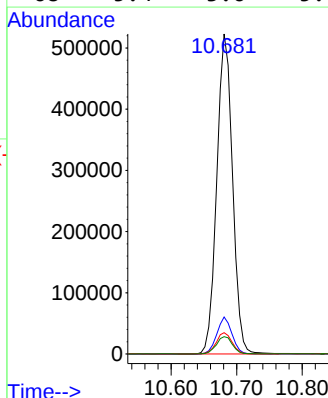
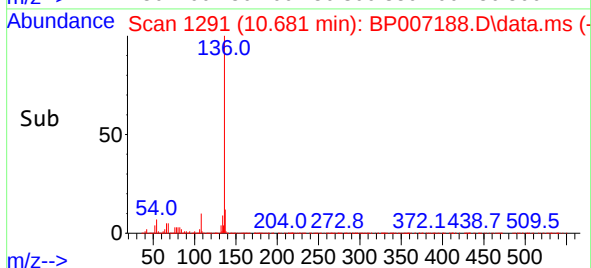
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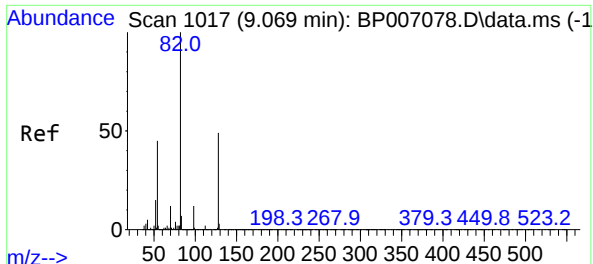


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09



Tgt Ion: 136 Resp: 868302
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 6.7 4.6 6.8
68 5.4 3.6 5.4





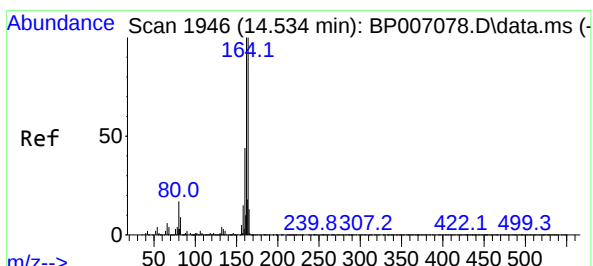
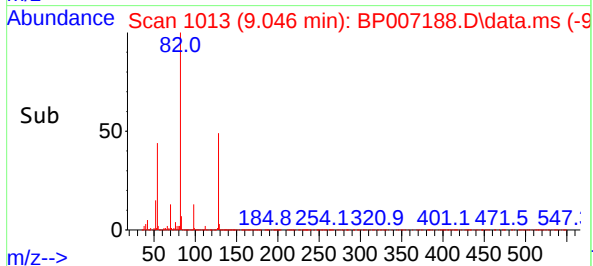
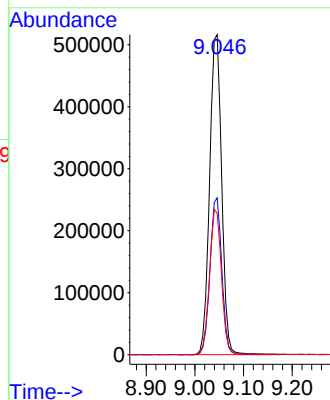
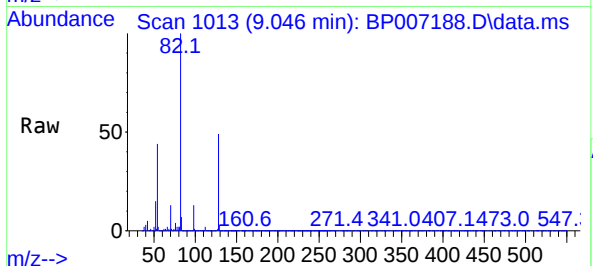
#23
Nitrobenzene-d5
Concen: 59.29 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion: 82 Resp: 884071
Ion Ratio Lower Upper
82 100
128 49.0 35.7 53.5
54 44.2 35.0 52.4

Instrument :
BNA_P
ClientSampled :
PE-5

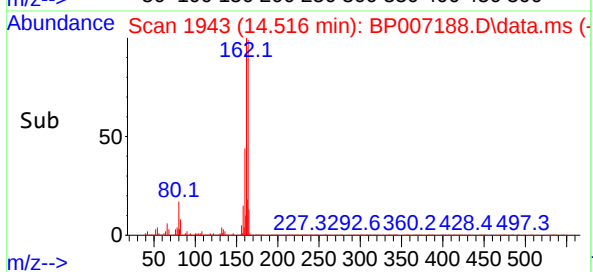
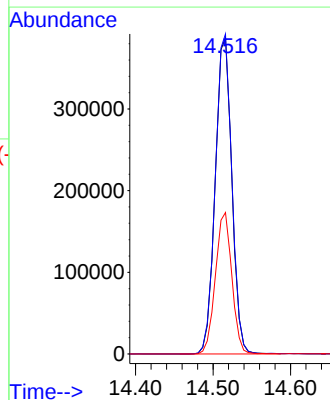
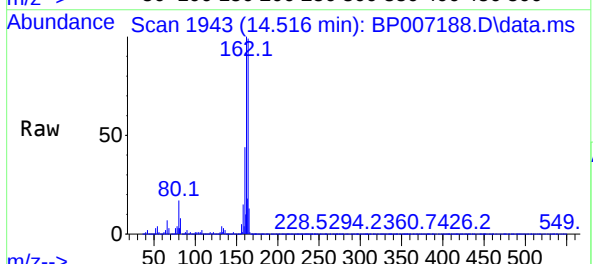
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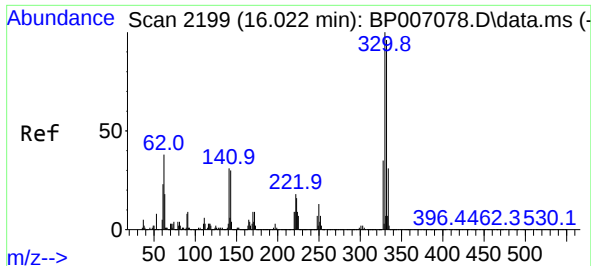
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

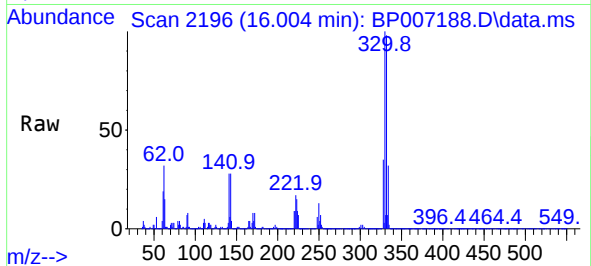
Tgt Ion: 164 Resp: 574432
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.7 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 104.63 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

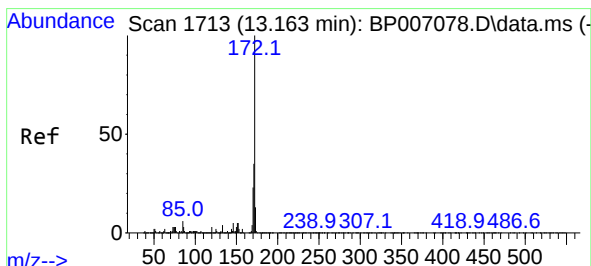
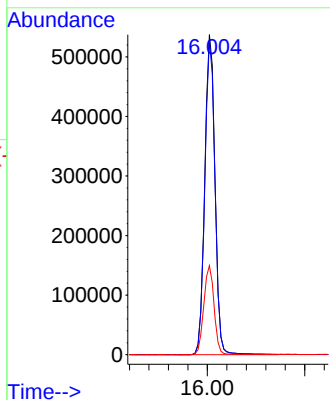
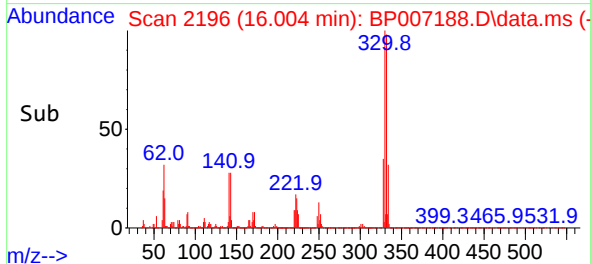
Instrument :
BNA_P
ClientSampled :
PE-5



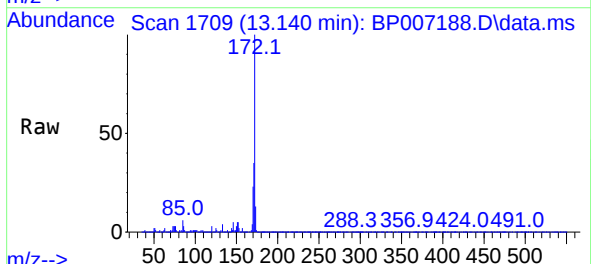
Tgt Ion:330 Resp: 779172
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 28.0 25.4 38.2

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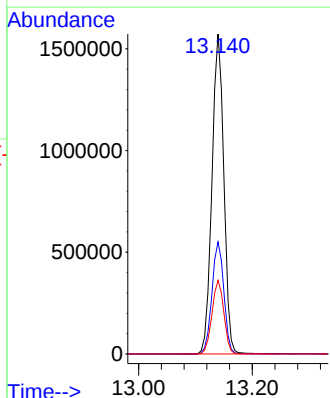
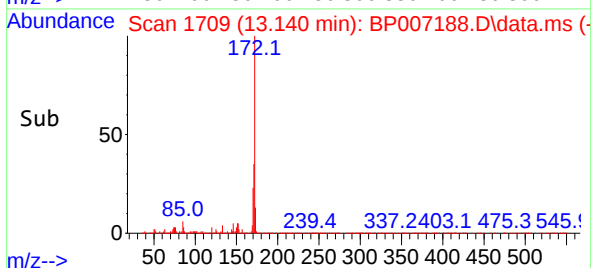
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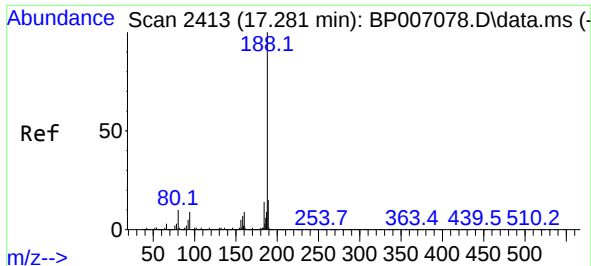


#45
2-Fluorobiphenyl
Concen: 56.64 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09



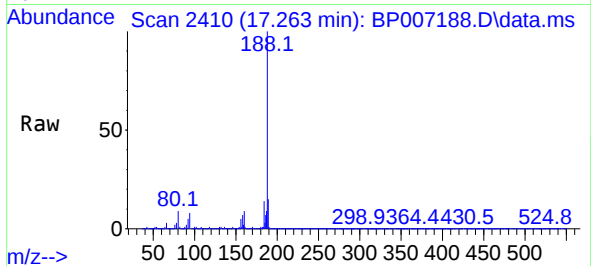
Tgt Ion:172 Resp: 2271105
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

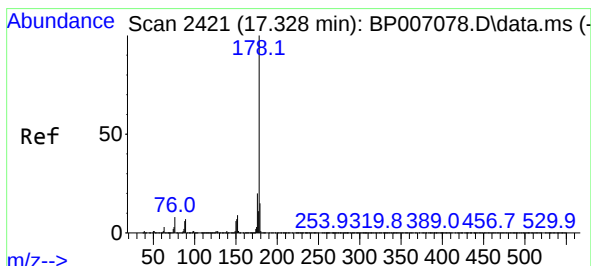
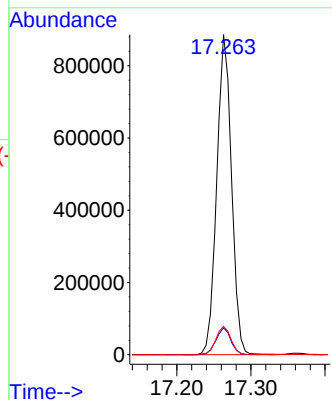
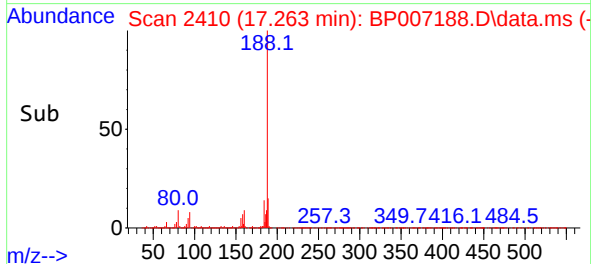
Instrument :
BNA_P
ClientSampled :
PE-5



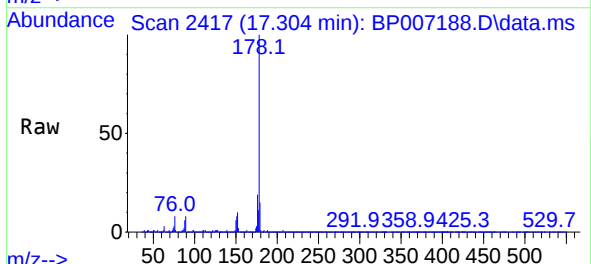
Tgt Ion:188 Resp: 1223486
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4#
80 8.8 6.3 9.5

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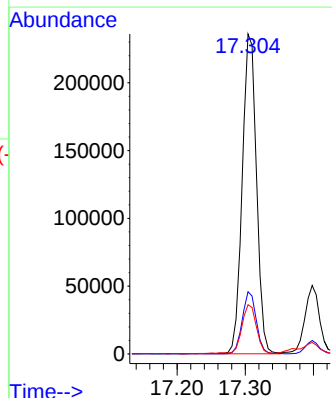
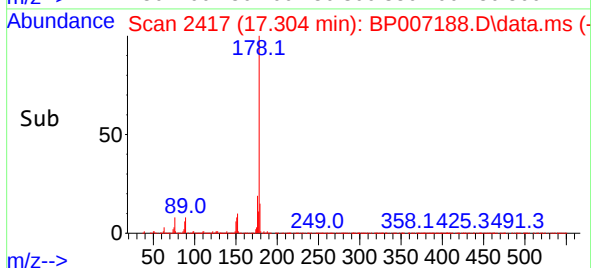
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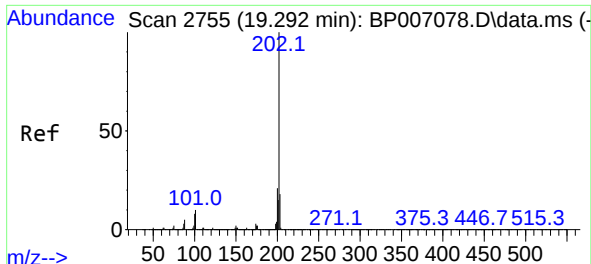


#71
Phenanthrene
Concen: 5.22 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09



Tgt Ion:178 Resp: 342194
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.4 12.4 18.6





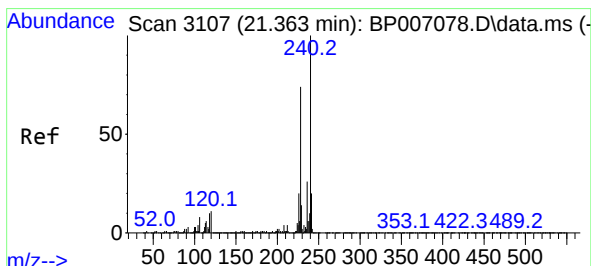
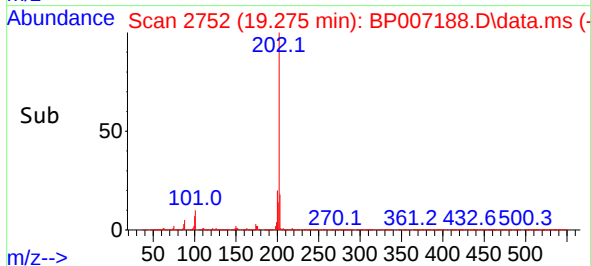
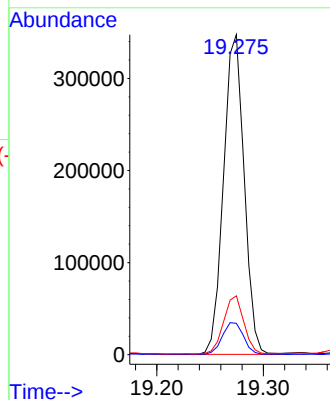
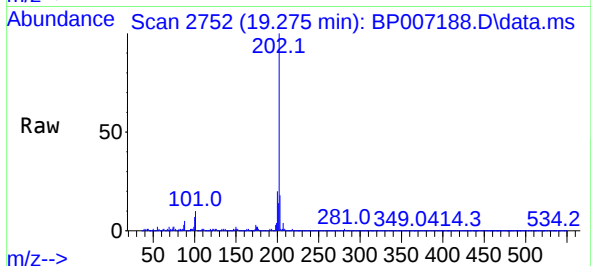
#75
Fluoranthene
Concen: 6.18 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion: 202 Resp: 466792
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.6
203 18.4 0.0 37.8

Instrument :
BNA_P
ClientSampled :
PE-5

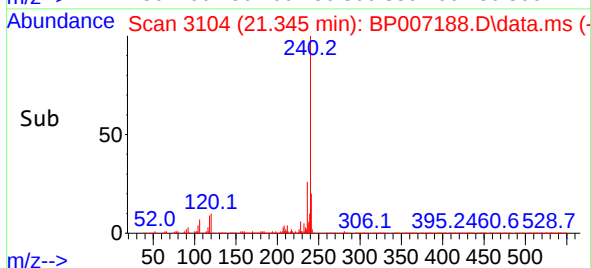
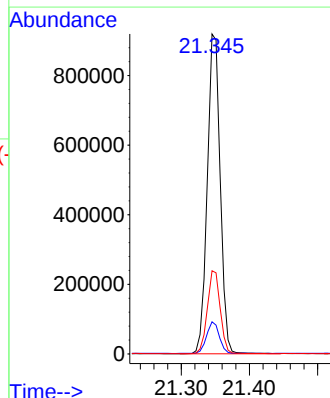
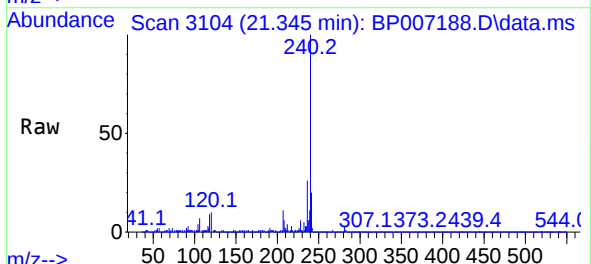
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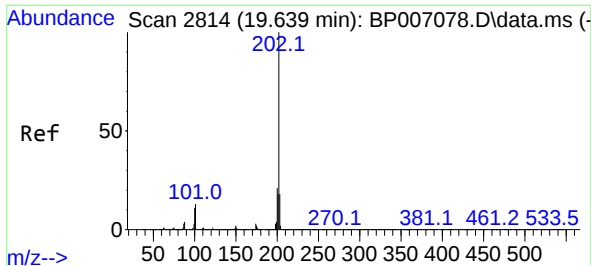
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

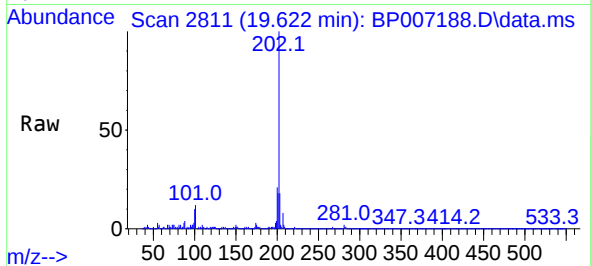
Tgt Ion: 240 Resp: 1211708
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.0 20.6 31.0





#78
 Pyrene
 Concen: 4.42 ng
 RT: 19.622 min Scan# 2811
 Delta R.T. -0.012 min
 Lab File: BP007188.D
 Acq: 25 Sep 2021 16:09

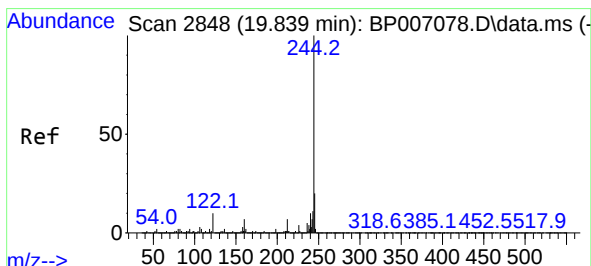
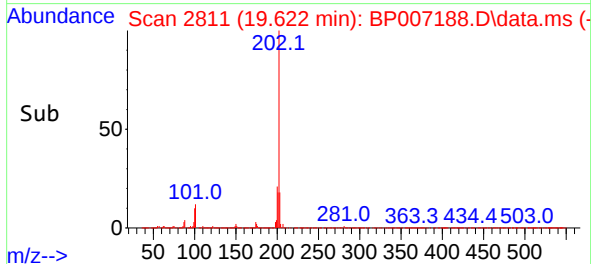
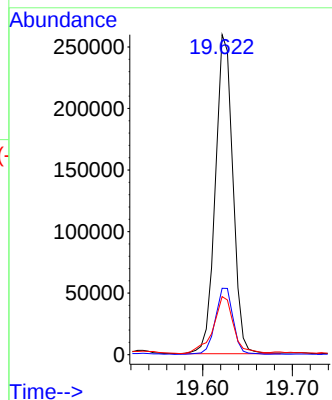
Instrument :
 BNA_P
 ClientSampled :
 PE-5



Tgt Ion:202 Resp: 351437
 Ion Ratio Lower Upper
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 200 20.7 16.3 24.5
 203 18.1 14.2 21.2

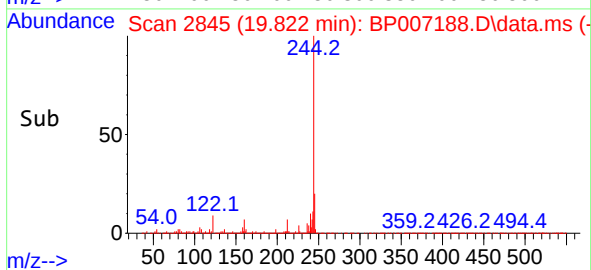
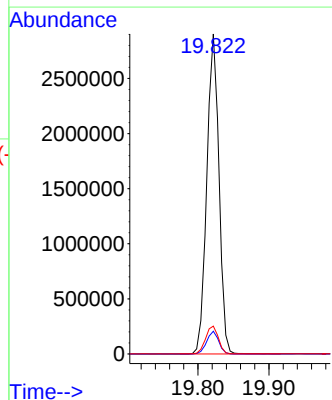
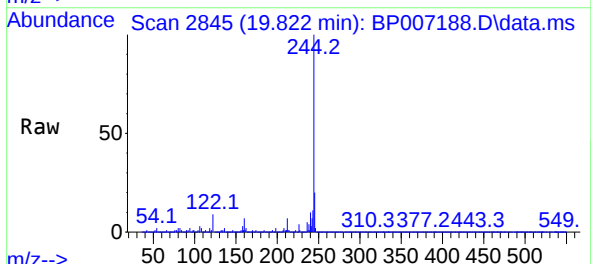
Manual Integrations
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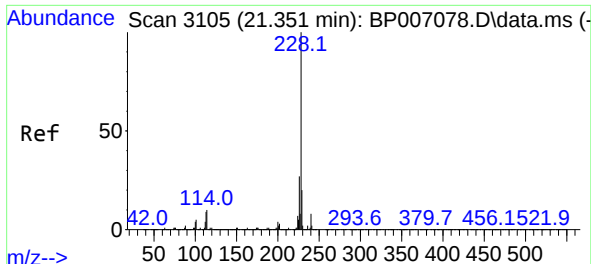
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#79
 Terphenyl-d14
 Concen: 54.73 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. -0.012 min
 Lab File: BP007188.D
 Acq: 25 Sep 2021 16:09

Tgt Ion:244 Resp: 3460841
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.7 7.1 10.7





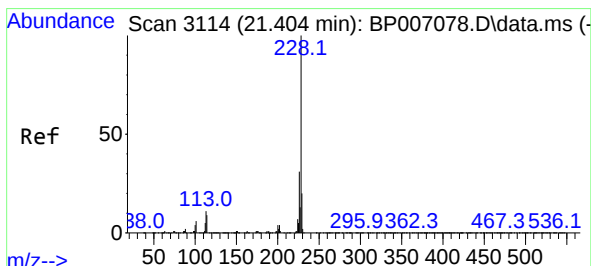
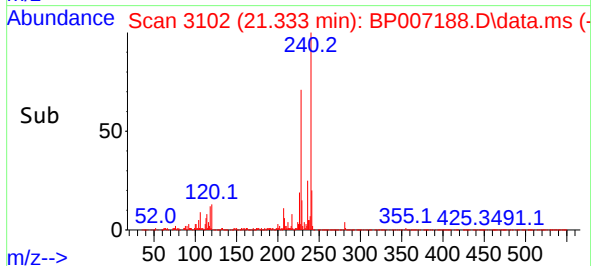
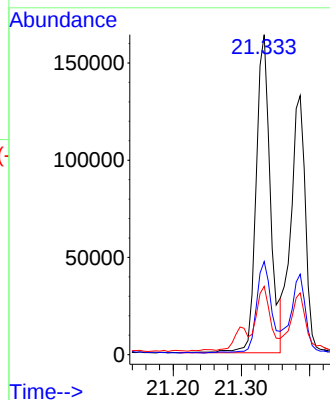
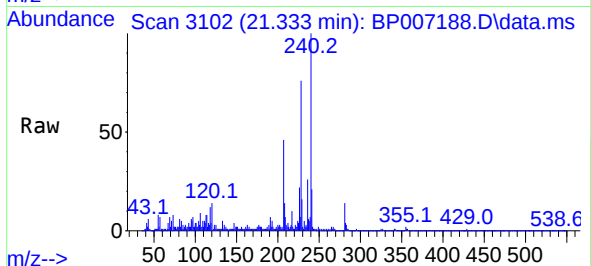
#81
Benzo(a)anthracene
Concen: 2.99 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:228 Resp: 235415
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 21.3 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
PE-5

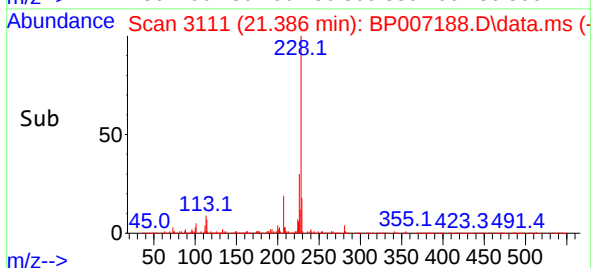
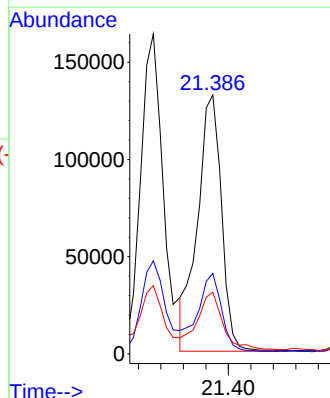
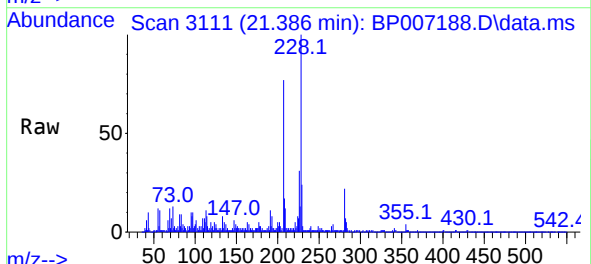
Manual Integrations
APPROVED

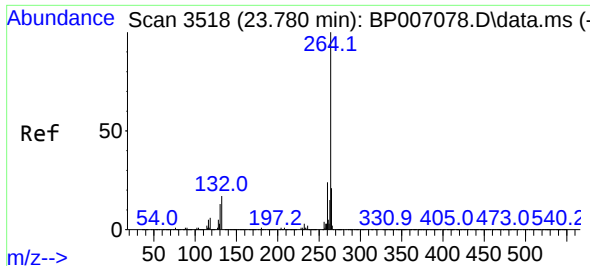
mohammad
9/27/2021 3:05:51 PM



#83
Chrysene
Concen: 2.61 ng m
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

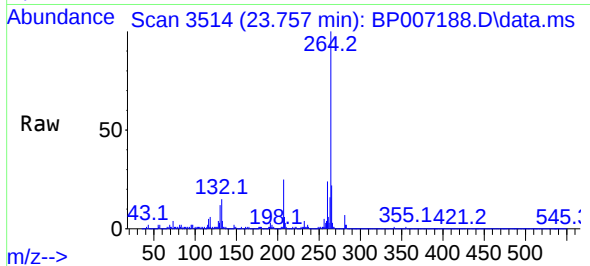
Tgt Ion:228 Resp: 195973
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.6
229 23.8 15.4 23.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

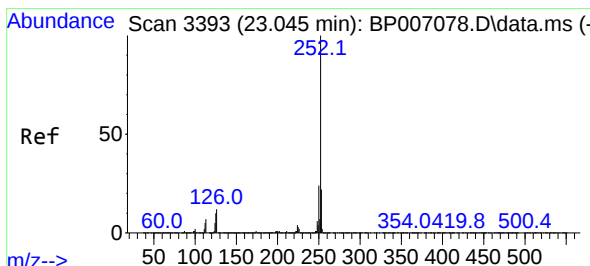
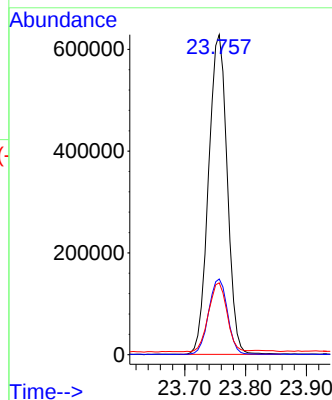
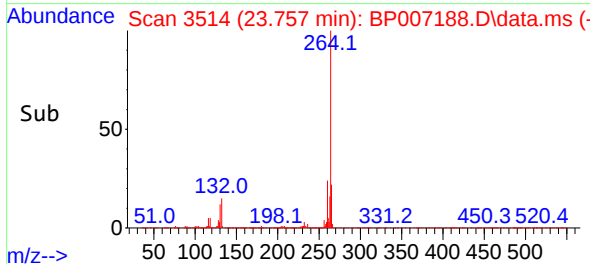
Instrument :
BNA_P
ClientSampled :
PE-5



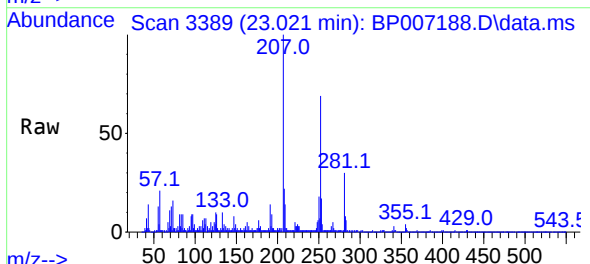
Tgt Ion:264 Resp: 1337432
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.4 17.6 26.4

Manual Integrations
APPROVED

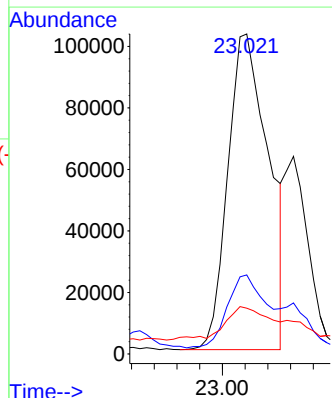
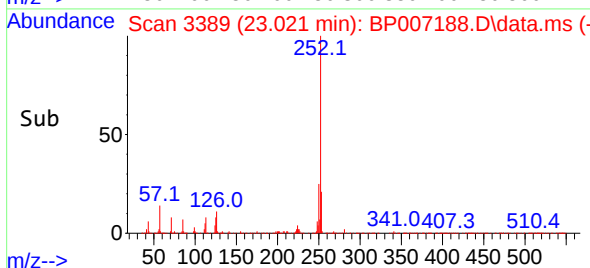
mohammad
9/27/2021 3:05:51 PM

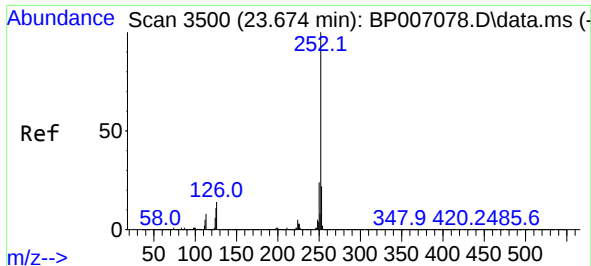


#88
Benzo(b)fluoranthene
Concen: 3.20 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09



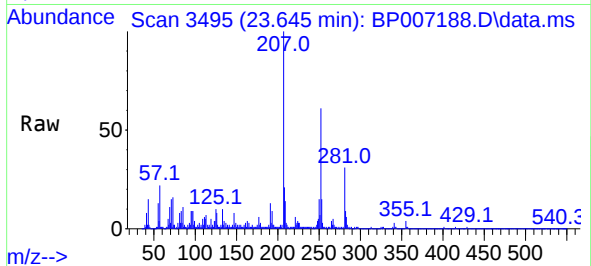
Tgt Ion:252 Resp: 255385
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 14.3 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.67 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.024 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Instrument :
BNA_P
ClientSampleId :
PE-5



Tgt Ion: 252 Resp: 181172
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 16.1 6.5 9.7#

Manual Integrations
APPROVED

mohammad
9/27/2021 3:05:51 PM

