

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
 Data File : BP005221.D
 Acq On : 07 Apr 2021 15:27
 Operator : CG/JU
 Sample : M1963-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-2

Manual Integrations
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mohammad
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Quant Time: Apr 07 16:04:12 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	18544	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	69085	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	40401	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	89738	20.00	ng	0.00
76) Chrysene-d12	21.210	240	100006	20.00	ng	0.00
86) Perylene-d12	23.486	264	107883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	130930	108.66	ng	0.00
7) Phenol-d6	6.875	99	169703	98.32	ng	0.00
23) Nitrobenzene-d5	8.851	82	107832	66.97	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	53935	102.46	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	200519	67.14	ng	0.00
79) Terphenyl-d14	19.680	244	306942	55.87	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.069	152	29550	7.58	ng	98
71) Phenanthrene	17.151	178	67835	13.04	ng	98
72) Anthracene	17.239	178	18170	3.57	ng	98
75) Fluoranthene	19.133	202	218940	35.77	ng	99
78) Pyrene	19.486	202	204210	29.72	ng	99
81) Benzo(a)anthracene	21.192	228	120697	17.76	ng	96
83) Chrysene	21.245	228	127782	19.16	ng	95
87) Indeno(1,2,3-cd)pyrene	25.821	276	103563	12.80	ng	95
88) Benzo(b)fluoranthene	22.798	252	196299	25.62	ng	98
89) Benzo(k)fluoranthene	22.839	252	66150m	9.01	ng	
90) Benzo(a)pyrene	23.386	252	132496	19.29	ng	99
91) Dibenzo(a,h)anthracene	25.821	278	26740m	3.82	ng	
92) Benzo(g,h,i)perylene	26.533	276	94116	13.94	ng	98

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

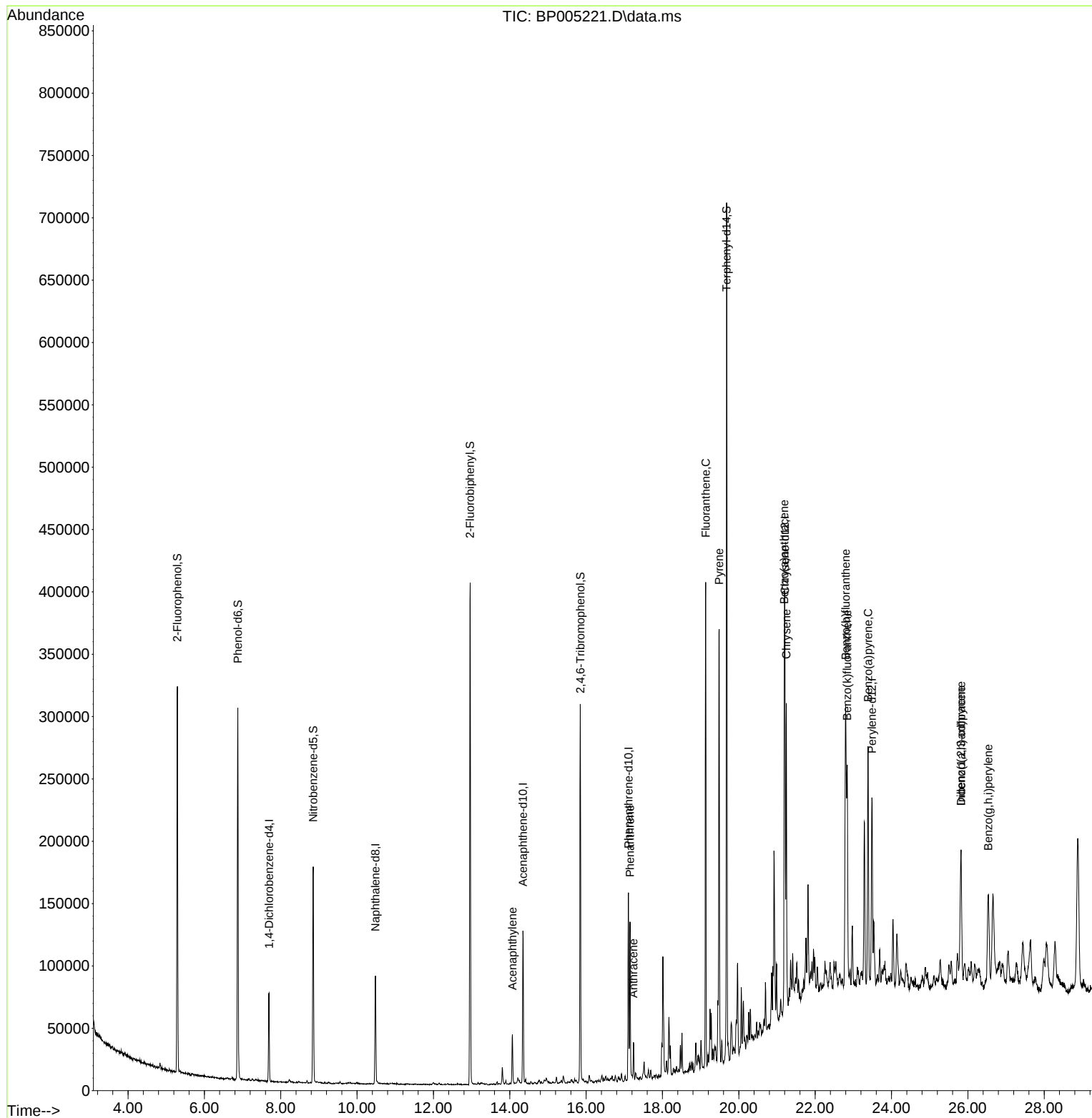
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

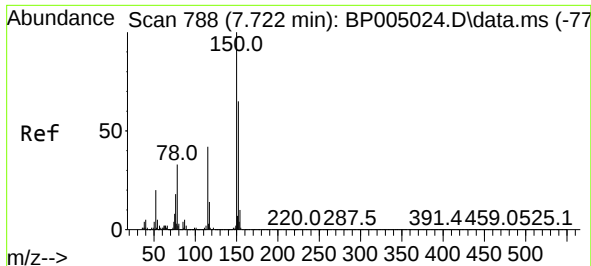
Instrument :
BNA_P
ClientSampled :
S-2

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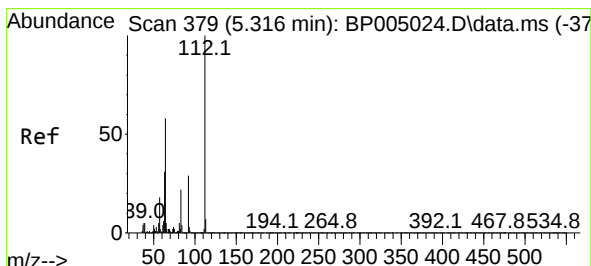
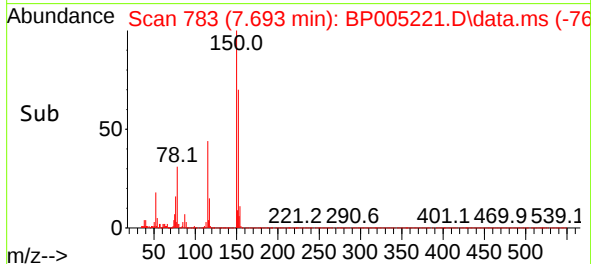
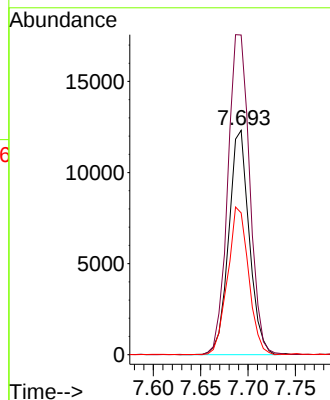
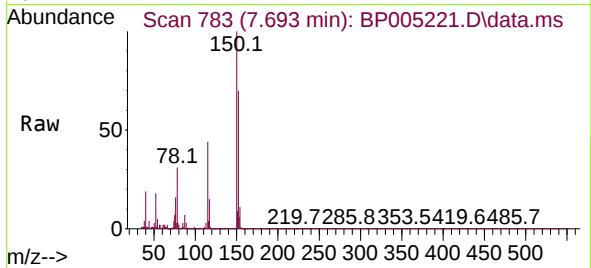
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.5	123.8	185.6
115	63.2	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
S-2

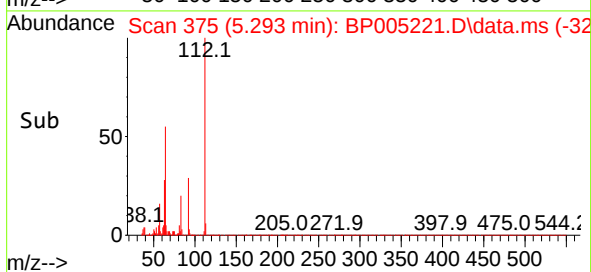
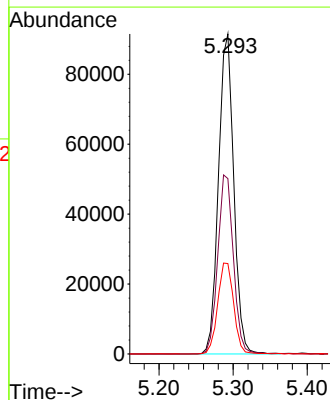
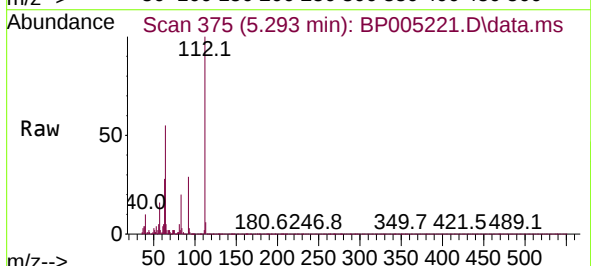
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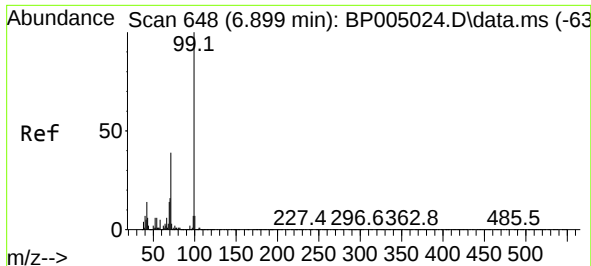
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#5
2-Fluorophenol
Concen: 108.66 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

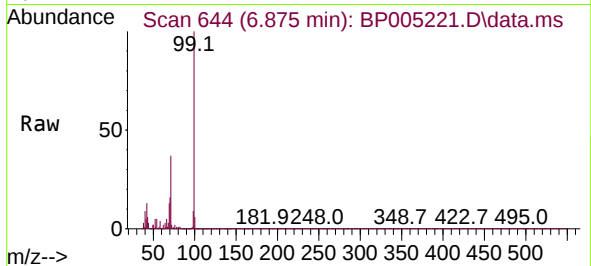
Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	32.8	49.2#
63	28.3	17.0	25.4#





#7
Phenol-d6
Concen: 98.32 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

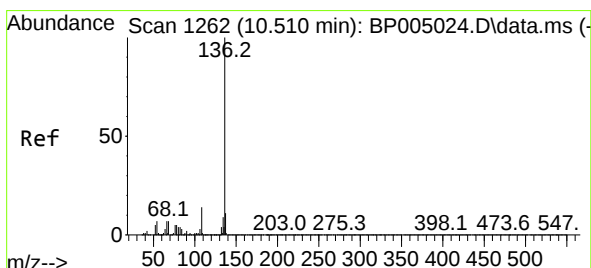
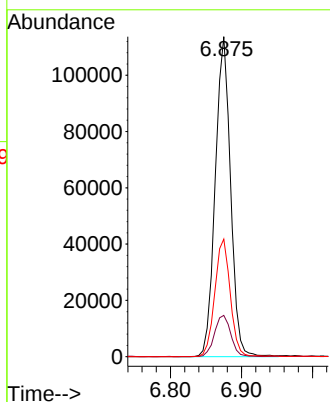
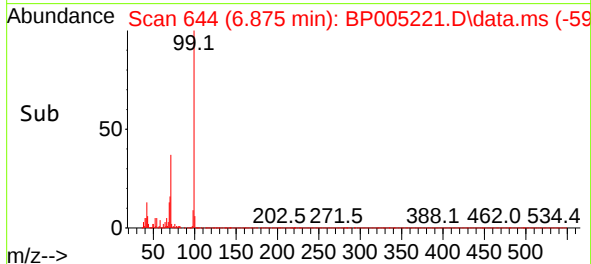
Instrument :
BNA_P
ClientSampled :
S-2



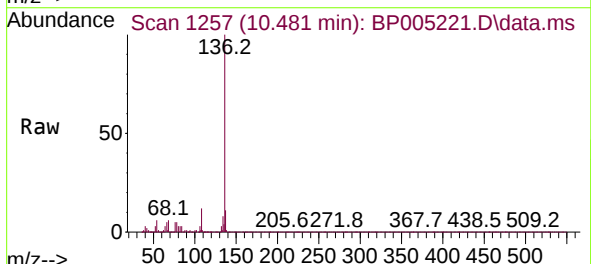
Tgt Ion: 99 Resp: 169703
Ion Ratio Lower Upper
99 100
42 12.9 8.6 13.0
71 36.8 23.4 35.2#

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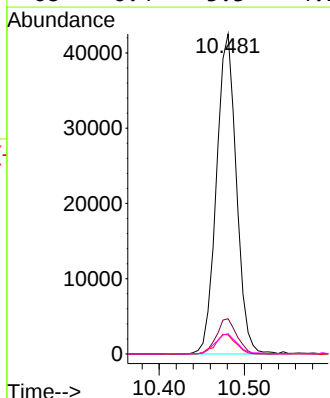
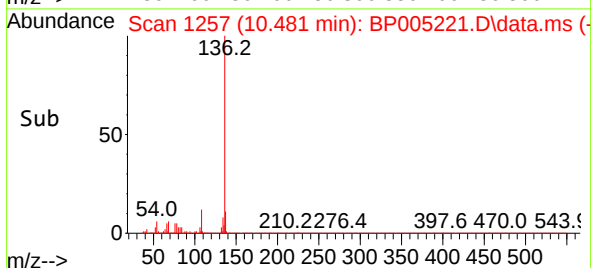
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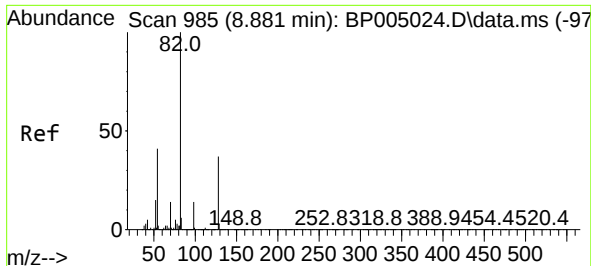


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27



Tgt Ion: 136 Resp: 69085
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.9 3.6 5.4#
68 6.4 3.3 4.9#





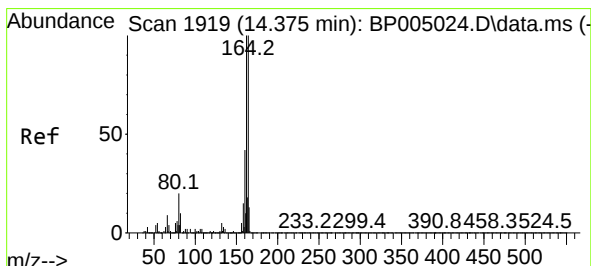
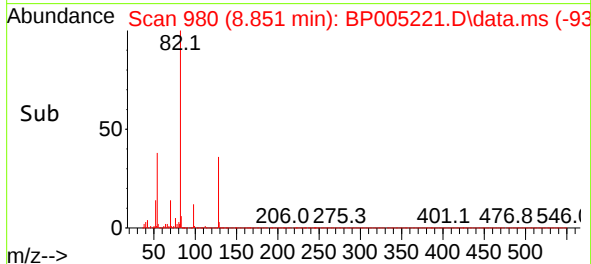
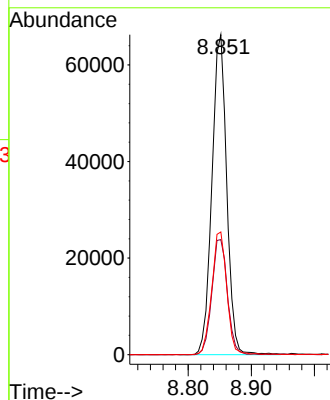
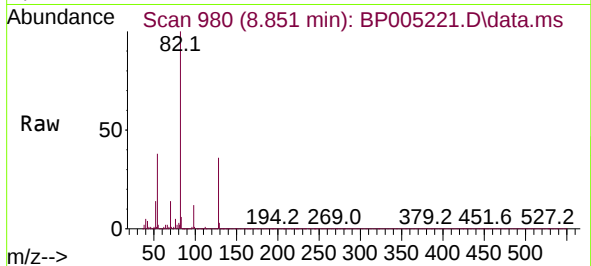
#23
Nitrobenzene-d5
Concen: 66.97 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion: 82 Resp: 107832
Ion Ratio Lower Upper
82 100
128 35.9 45.6 68.4#
54 38.4 30.1 45.1

Instrument :
BNA_P
ClientSampleId :
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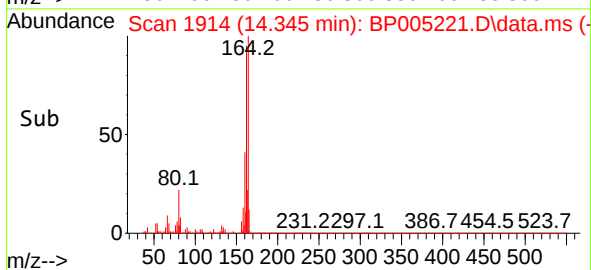
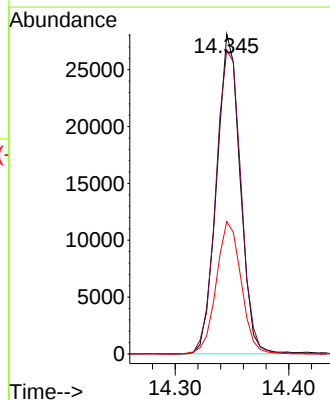
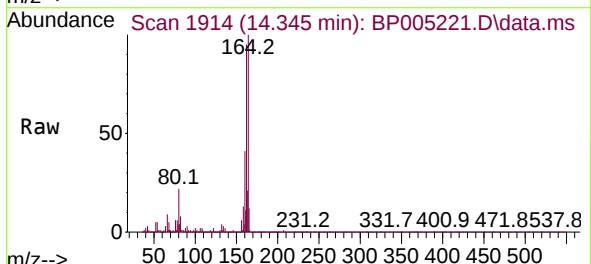
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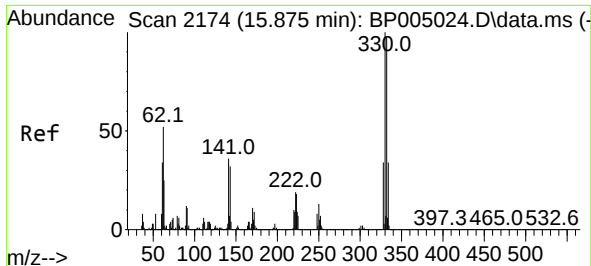
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

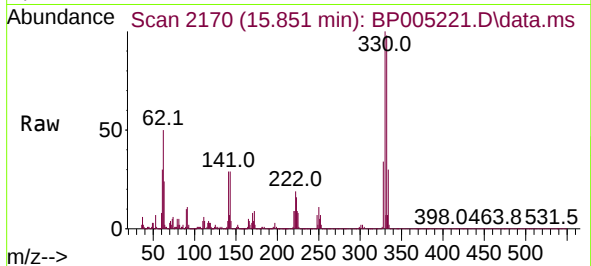
Tgt Ion: 164 Resp: 40401
Ion Ratio Lower Upper
164 100
162 95.0 79.4 119.2
160 41.4 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 102.46 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

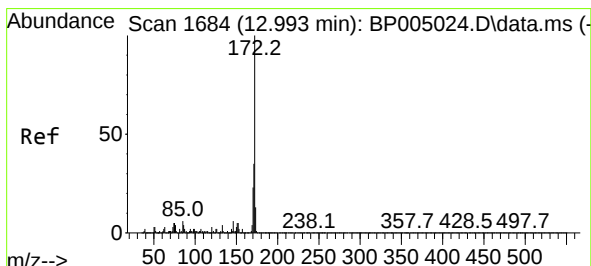
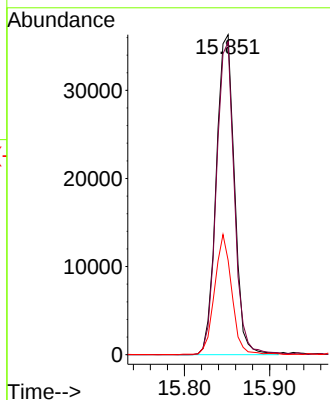
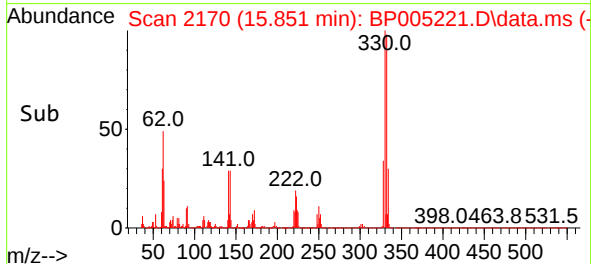
Instrument :
BNA_P
ClientSampled :
S-2



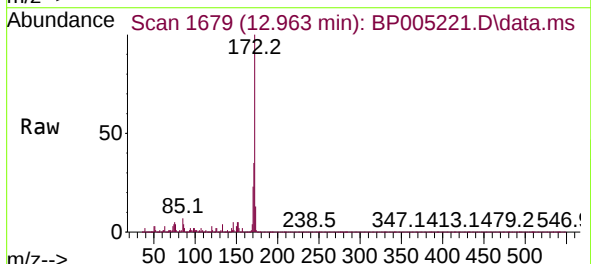
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	35.5	23.4	35.2#

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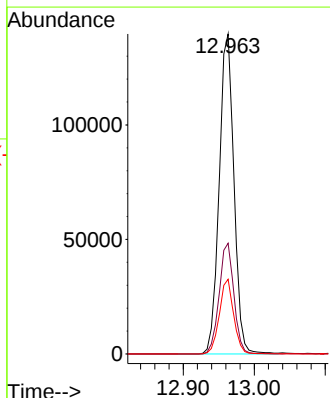
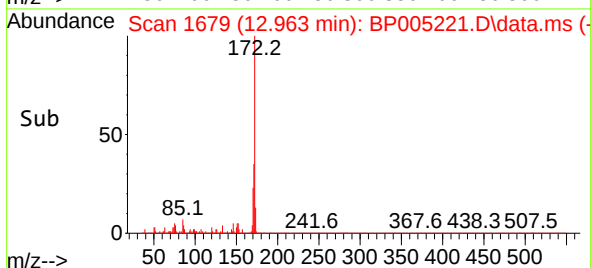
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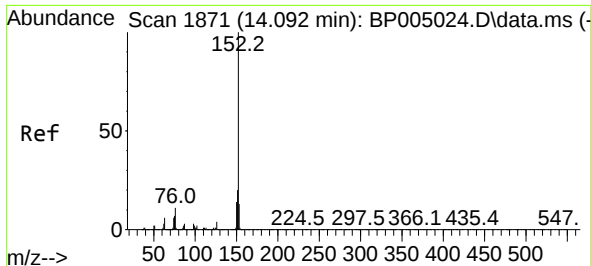


#45
2-Fluorobiphenyl
Concen: 67.14 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27



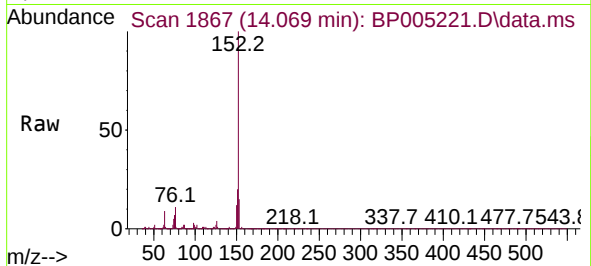
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.4	19.2	28.8





#49
Acenaphthylene
Concen: 7.58 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

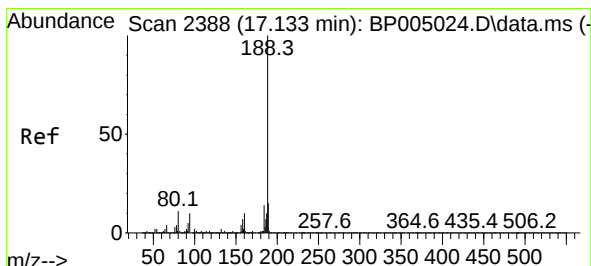
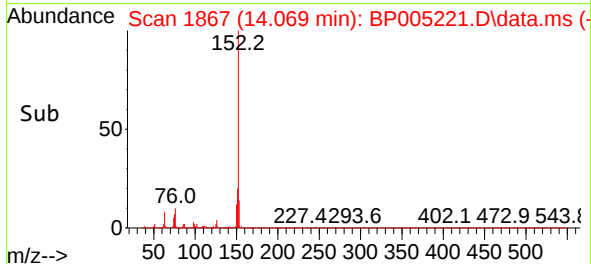
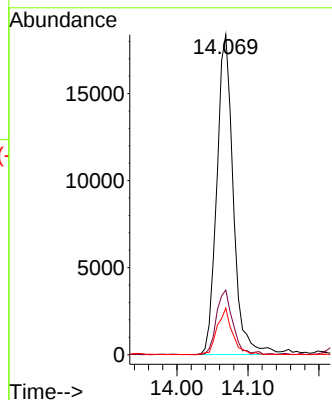
Instrument :
BNA_P
ClientSampleId :
S-2



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	14.5	10.5	15.7

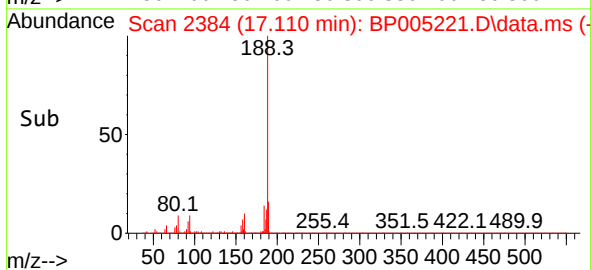
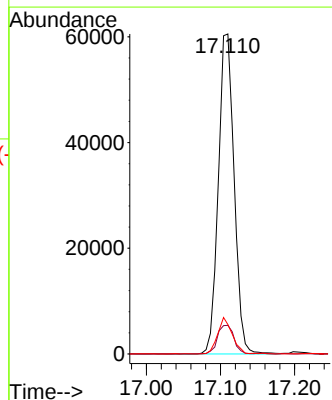
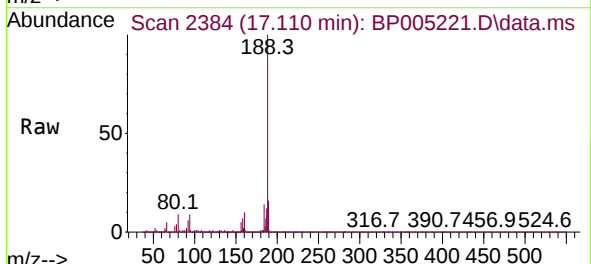
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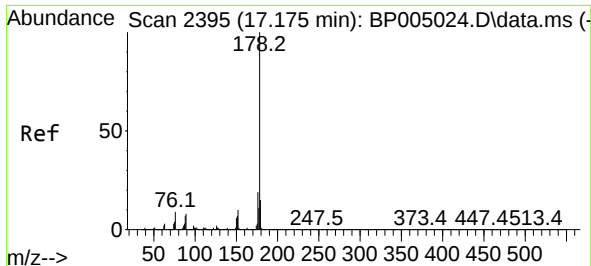
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.2	9.2
80	9.2	6.2	9.2





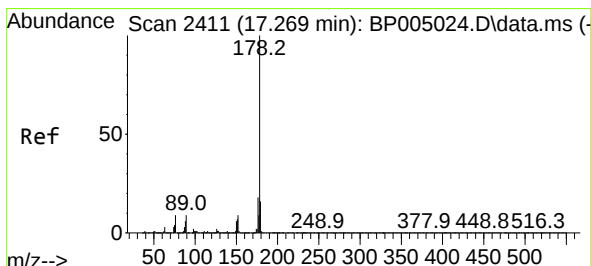
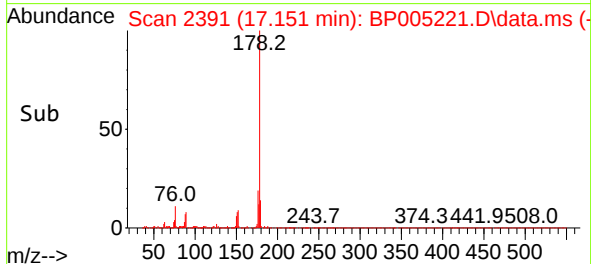
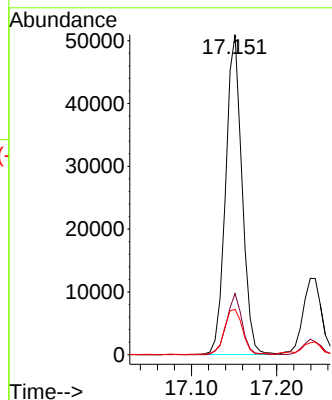
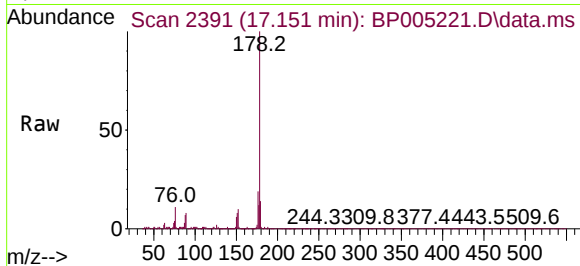
#71
Phenanthrene
Concen: 13.04 ng
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	14.2	12.5	18.7

Instrument :
BNA_P
ClientSampleId :
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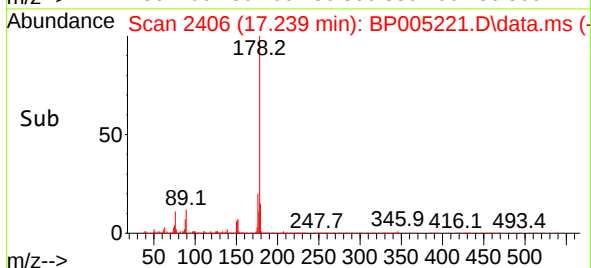
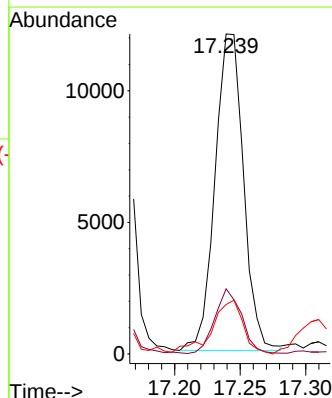
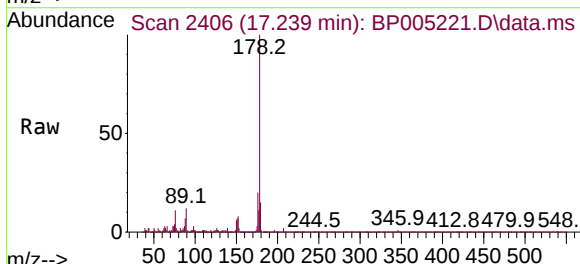
Manual Integrations
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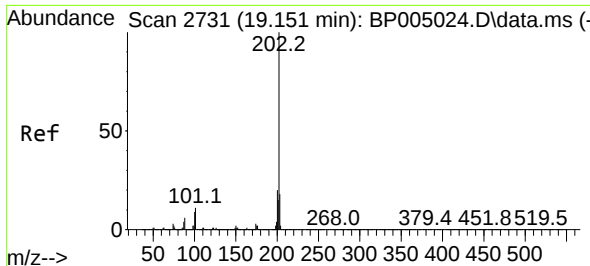
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#72
Anthracene
Concen: 3.57 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

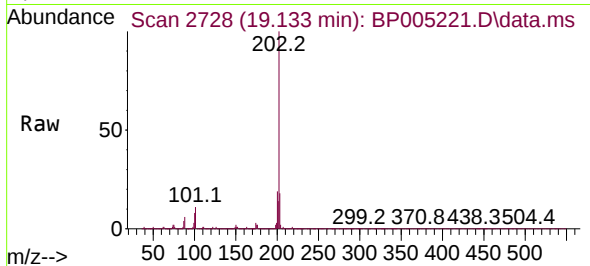
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.4
179	15.5	12.5	18.7





#75
Fluoranthene
Concen: 35.77 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

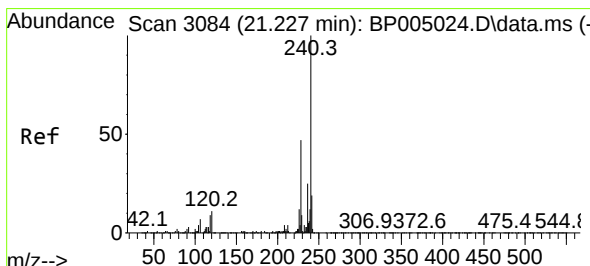
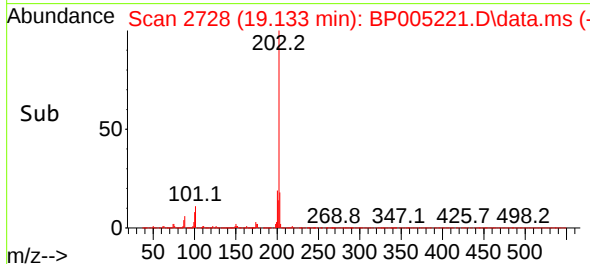
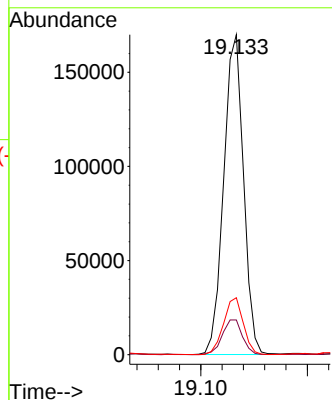
Instrument :
BNA_P
ClientSampled :
S-2



Tgt Ion: 202 Resp: 218940
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 17.8 0.0 37.8

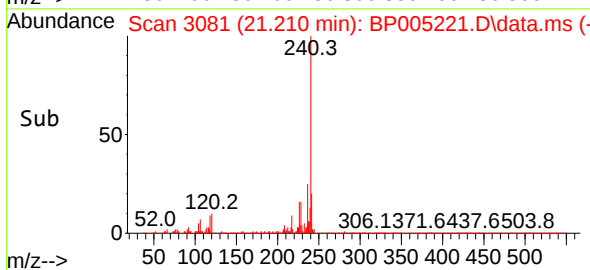
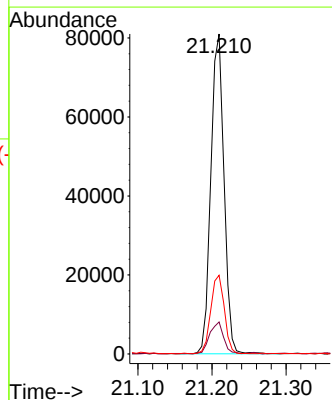
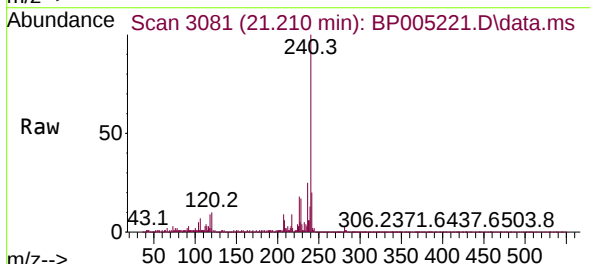
Manual Integrations
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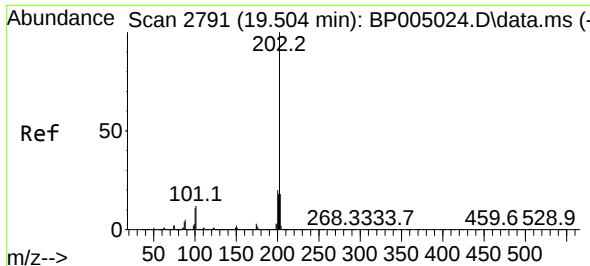
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

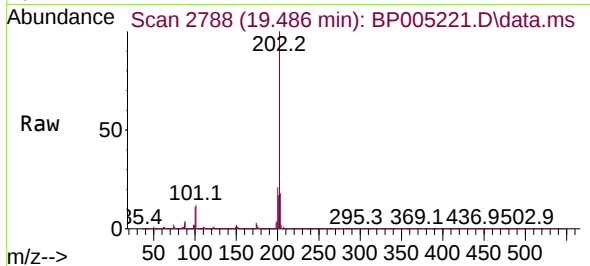
Tgt Ion: 240 Resp: 100006
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 24.6 20.8 31.2





#78
Pyrene
Concen: 29.72 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

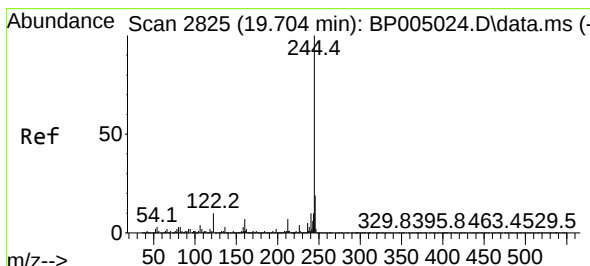
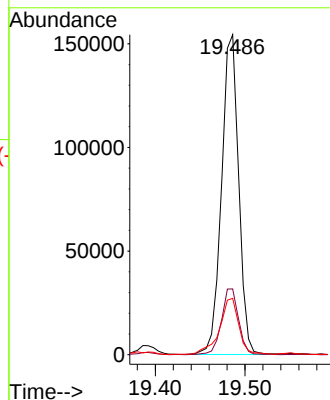
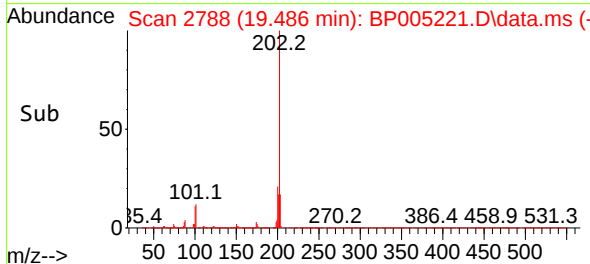
Instrument :
BNA_P
ClientSampled :
S-2



Tgt Ion:202 Resp: 204210
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.6 14.2 21.2

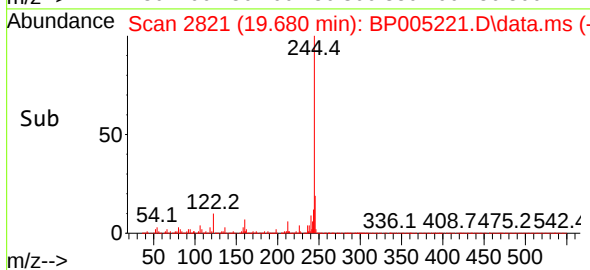
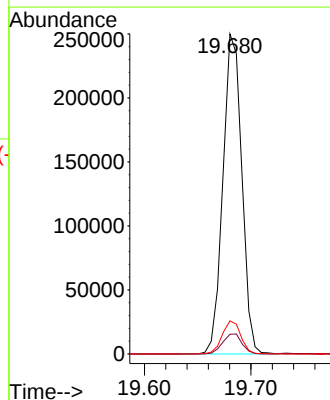
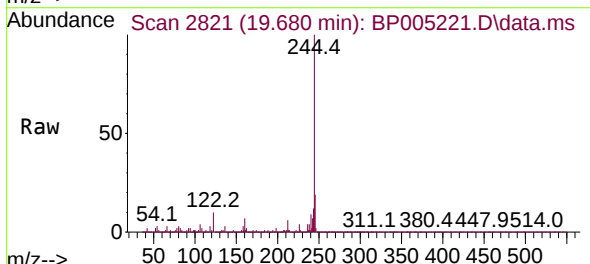
Manual Integrations
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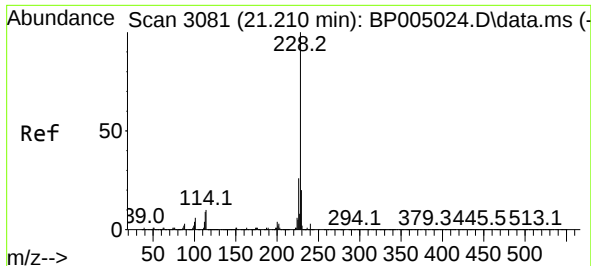
mohammad
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#79
Terphenyl-d14
Concen: 55.87 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion:244 Resp: 306942
Ion Ratio Lower Upper
244 100
212 6.2 5.8 8.6
122 10.3 7.8 11.8





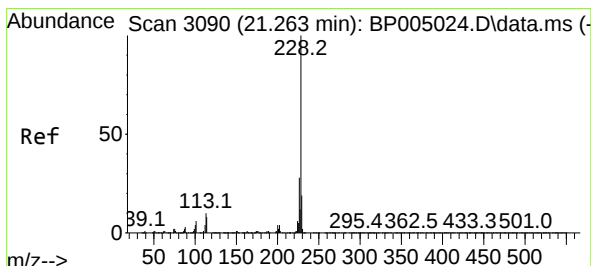
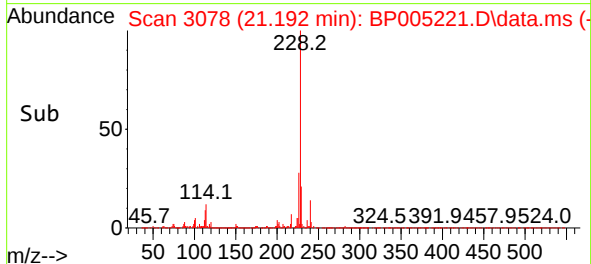
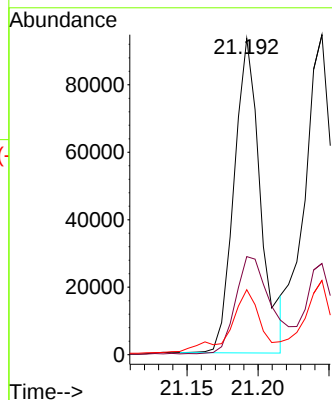
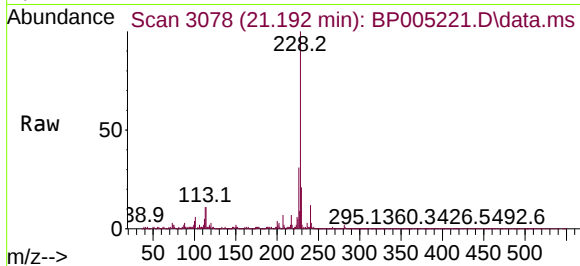
#81
Benzo(a)anthracene
Concen: 17.76 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion:228 Resp: 120697
Ion Ratio Lower Upper
228 100
226 31.0 22.1 33.1
229 20.5 15.9 23.9

Instrument :
BNA_P
ClientSampleId :
S-2

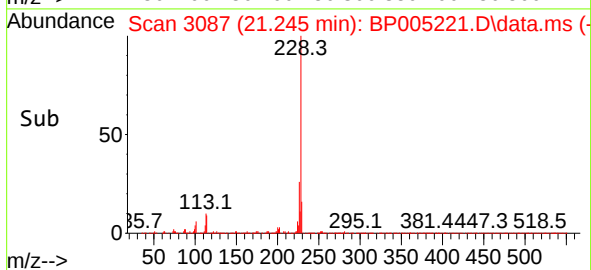
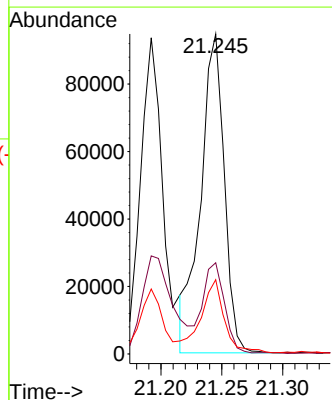
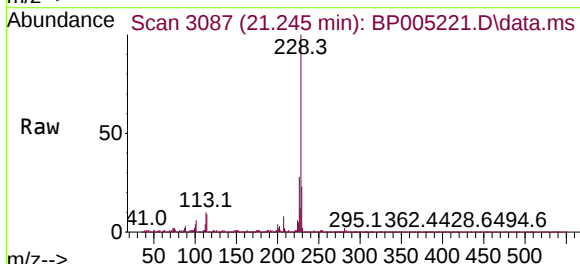
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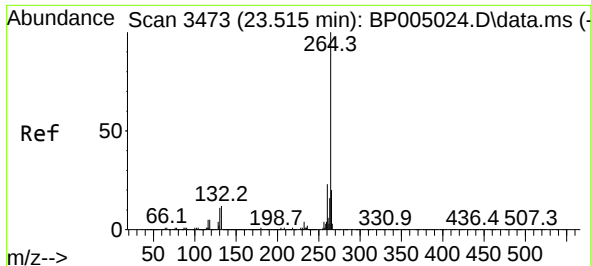
mohammad
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#83
Chrysene
Concen: 19.16 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

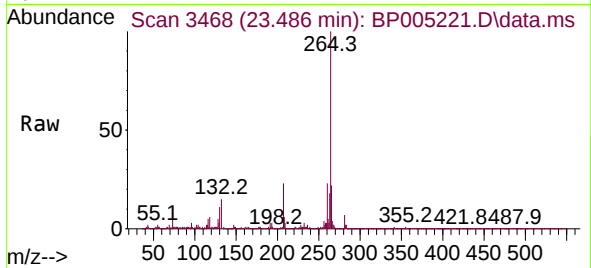
Tgt Ion:228 Resp: 127782
Ion Ratio Lower Upper
228 100
226 28.5 24.4 36.6
229 23.2 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

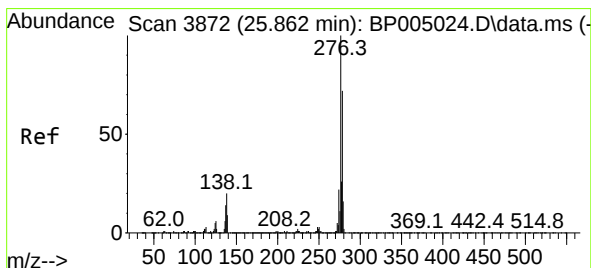
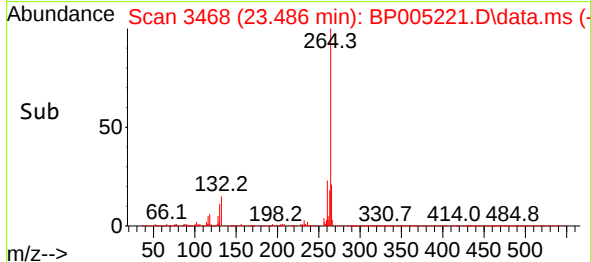
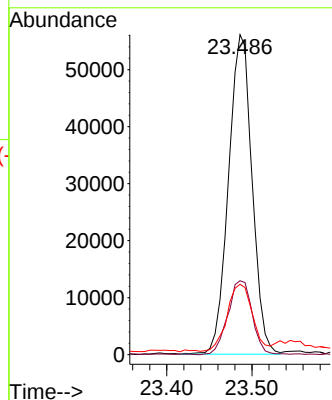
Instrument :
BNA_P
ClientSampled :
S-2



Tgt Ion:264 Resp: 107883
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 22.0 17.4 26.2

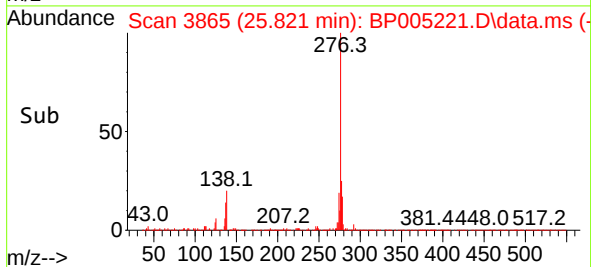
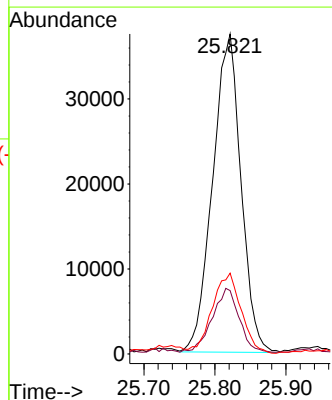
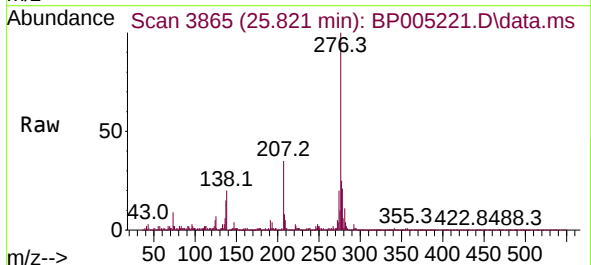
Manual Integrations
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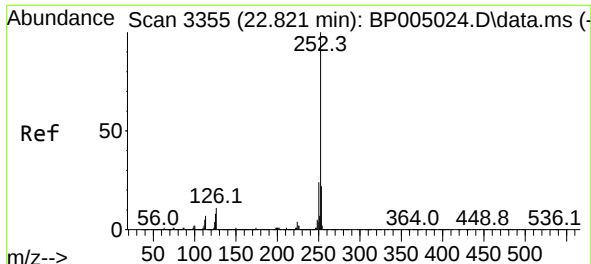
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 12.80 ng
RT: 25.821 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

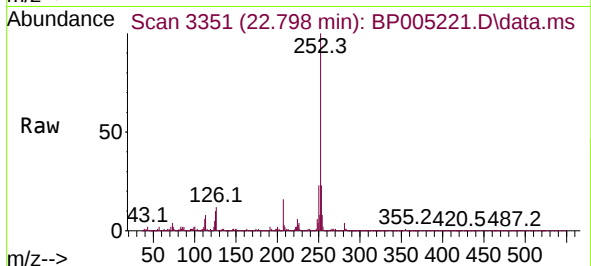
Tgt Ion:276 Resp: 103563
Ion Ratio Lower Upper
276 100
138 19.0 18.7 28.1
277 25.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 25.62 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

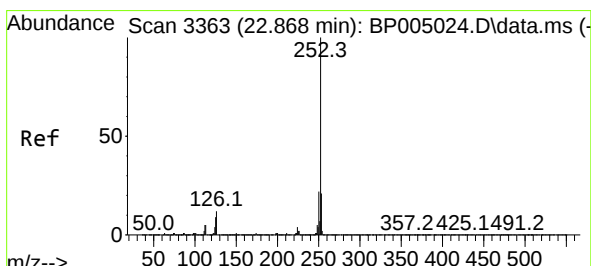
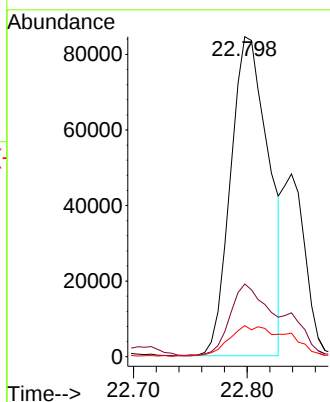
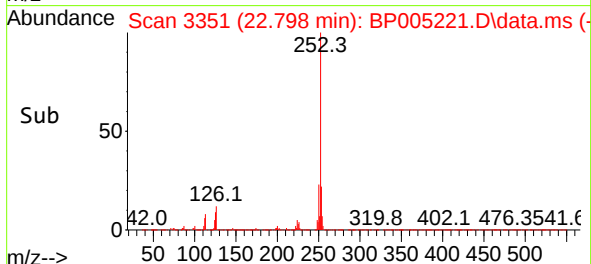
Instrument :
BNA_P
ClientSampled :
S-2



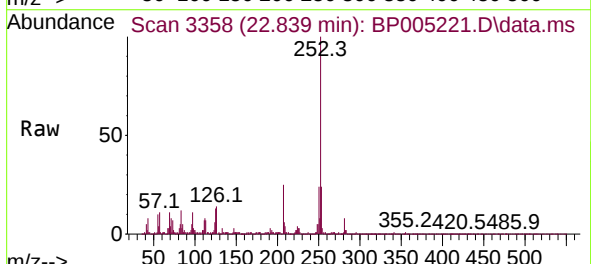
Tgt Ion:252 Resp: 196299
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 9.7 7.3 10.9

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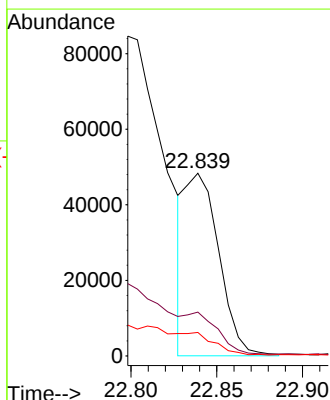
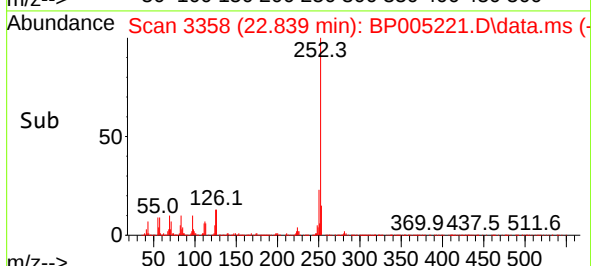
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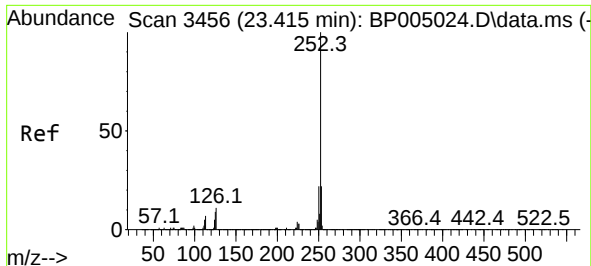


#89
Benzo(k)fluoranthene
Concen: 9.01 ng m
RT: 22.839 min Scan# 3358
Delta R.T. -0.012 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27



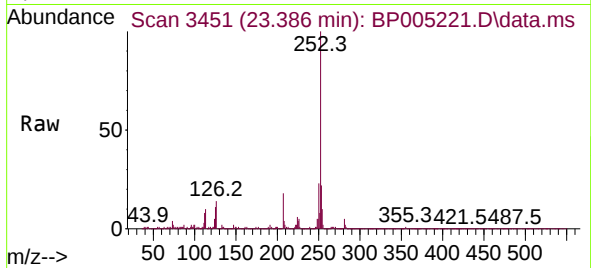
Tgt Ion:252 Resp: 66150
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 12.9 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 19.29 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

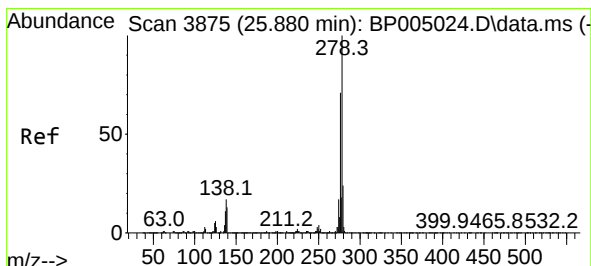
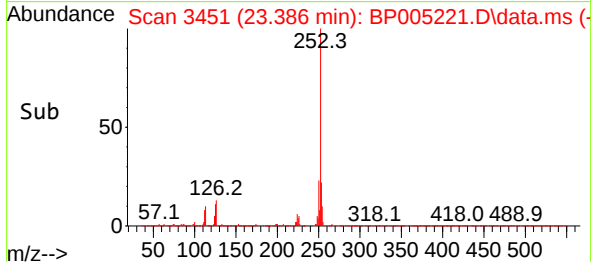
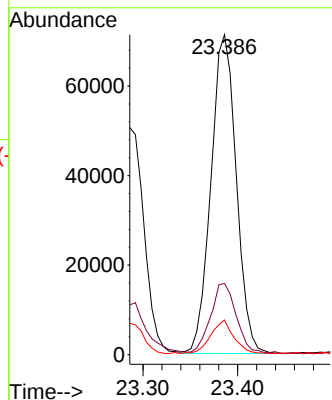
Instrument :
BNA_P
ClientSampled :
S-2



Tgt Ion:252 Resp: 132496
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.8 8.2 12.4

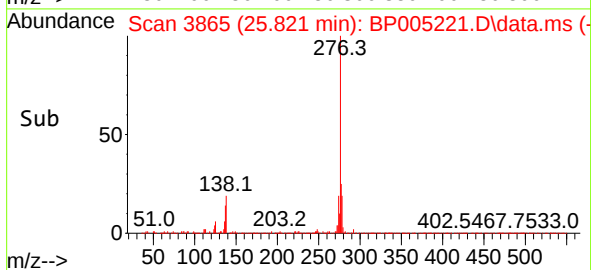
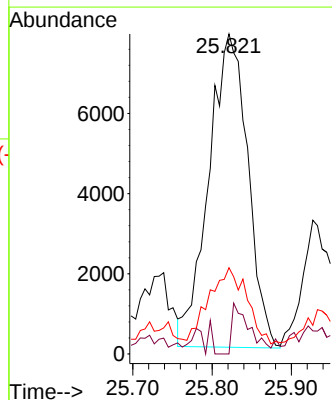
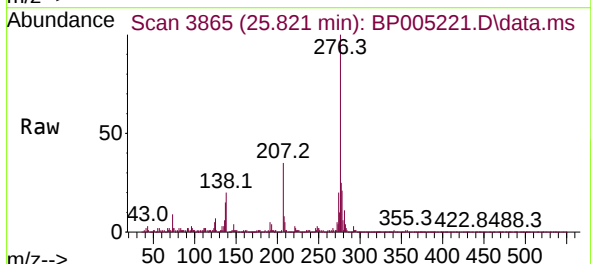
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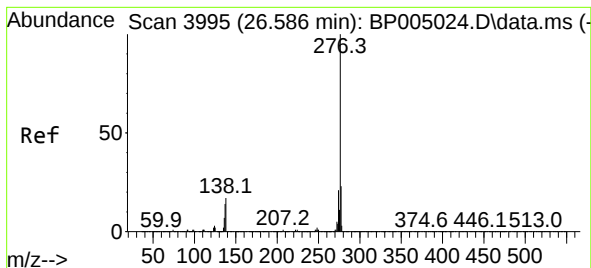
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#91
Dibenzo(a,h)anthracene
Concen: 3.82 ng m
RT: 25.821 min Scan# 3865
Delta R.T. -0.023 min
Lab File: BP005221.D
Acq: 07 Apr 2021 15:27

Tgt Ion:278 Resp: 26740
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 27.0 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 13.94 ng

RT: 26.533 min Scan# 3986

Delta R.T. -0.018 min

Lab File: BP005221.D

Acq: 07 Apr 2021 15:27

Tgt Ion:	276	Resp:	94116
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.0	28.6
138	21.5	16.6	24.8

Instrument :

BNA_P

ClientSampleId :

S-2

Manual Integrations
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