

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005277.D
 Acq On : 12 Apr 2021 21:23
 Operator : CG/JU
 Sample : M1996-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 26878

Manual Integrations
 APPROVED

mohammad
 4/14/2021 11:49:41 AM

Quant Time: Apr 13 00:28:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	42951	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	145877	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	93086	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	206292	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	203765	20.00	ng	0.00
86) Perylene-d12	23.480	264	208833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	70023	17.11	ng	0.00
7) Phenol-d6	6.863	99	75314	16.13	ng	0.00
23) Nitrobenzene-d5	8.840	82	49267	10.65	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	18935	16.11	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	72476	10.51	ng	0.00
79) Terphenyl-d14	19.686	244	116162	11.20	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.151	178	62917	5.40	ng	# 88
75) Fluoranthene	19.133	202	84094	5.88	ng	94
78) Pyrene	19.486	202	77071	6.09	ng	# 95
81) Benzo(a)anthracene	21.192	228	43419	3.23	ng	93
83) Chrysene	21.245	228	40249m	3.08	ng	
87) Indeno(1,2,3-cd)pyrene	25.804	276	32798	2.05	ng	# 83
88) Benzo(b)fluoranthene	22.792	252	56589m	4.14	ng	
90) Benzo(a)pyrene	23.380	252	42160	3.33	ng	# 94
92) Benzo(g,h,i)perylene	26.521	276	34282	2.55	ng	# 92

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

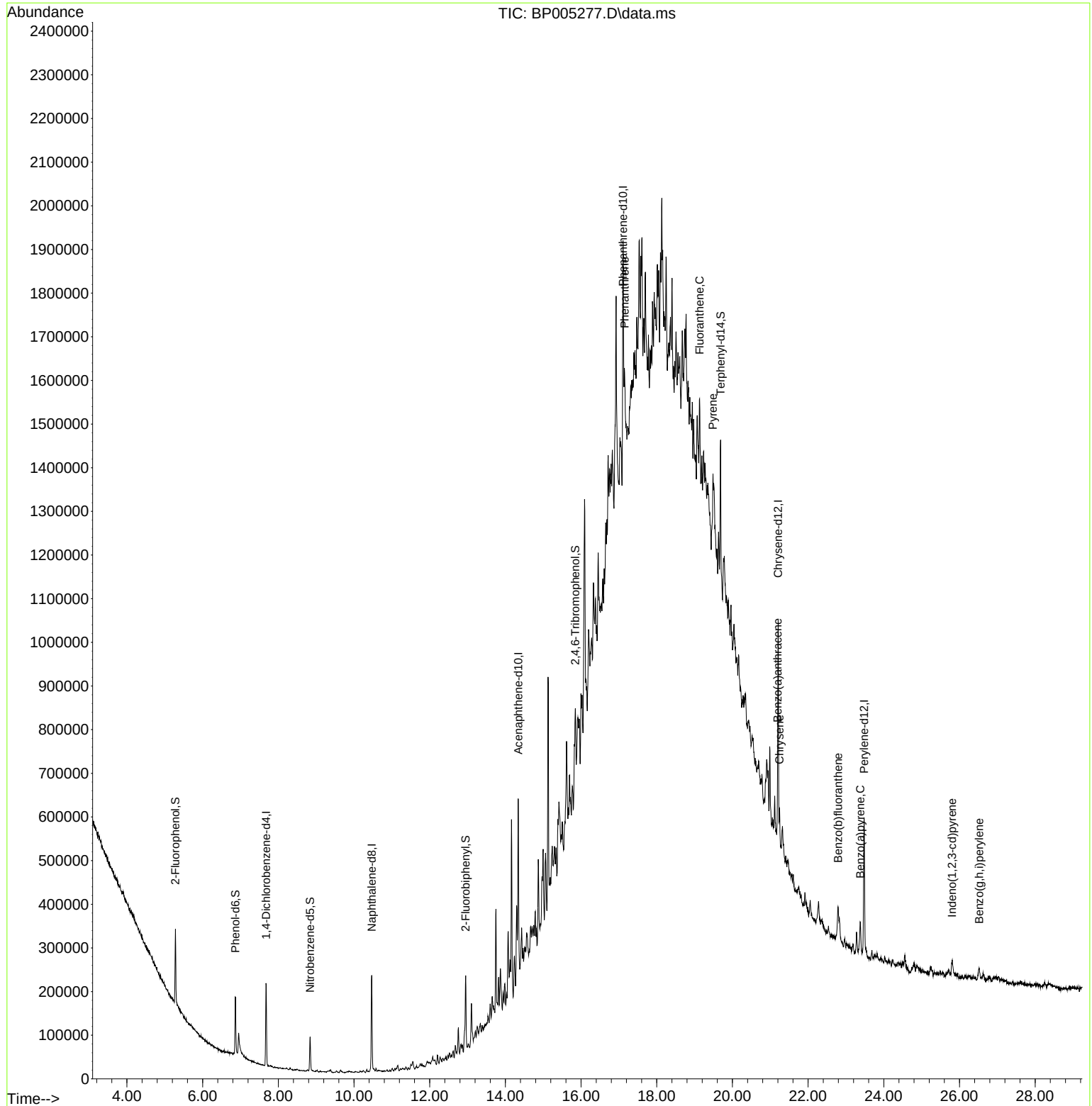
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
Data File : BP005277.D
Acq On : 12 Apr 2021 21:23
Operator : CG/JU
Sample : M1996-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

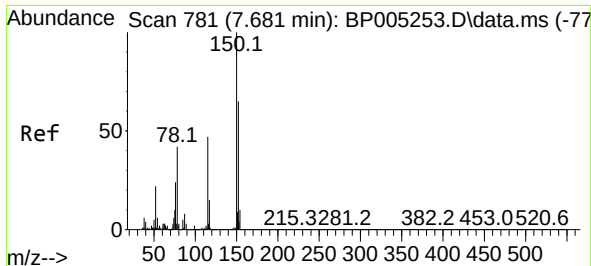
Instrument :
BNA_P
ClientSampleId :
26878

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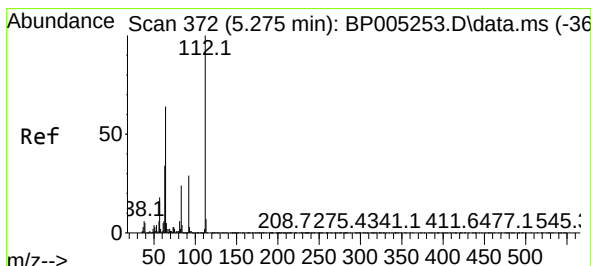
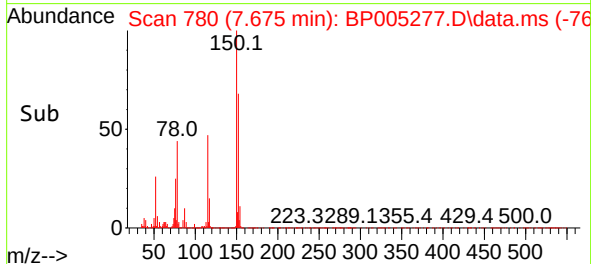
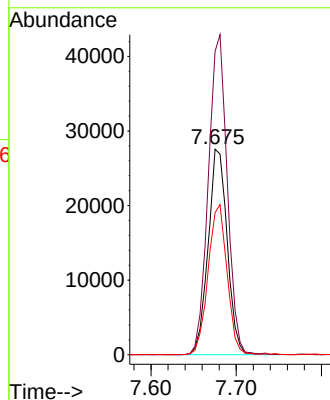
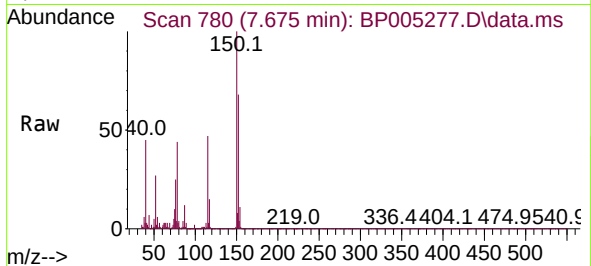
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.6	123.8	185.6
115	69.1	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
26878

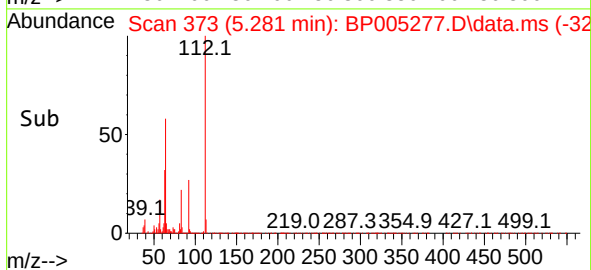
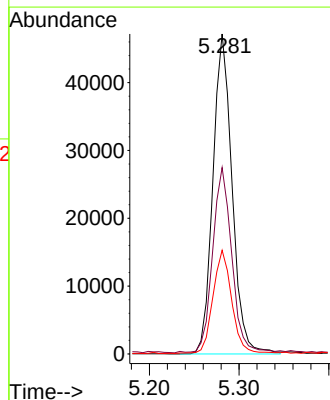
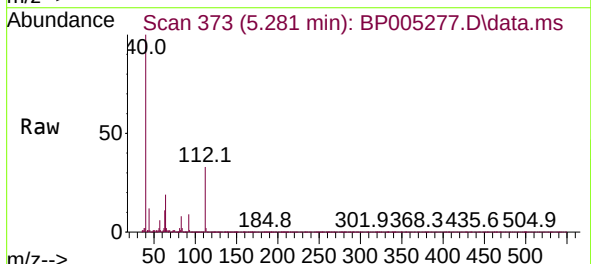
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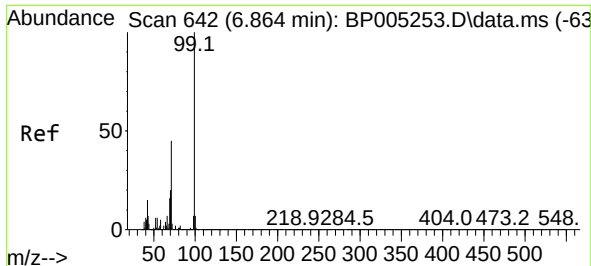
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#5
2-Fluorophenol
Concen: 17.11 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

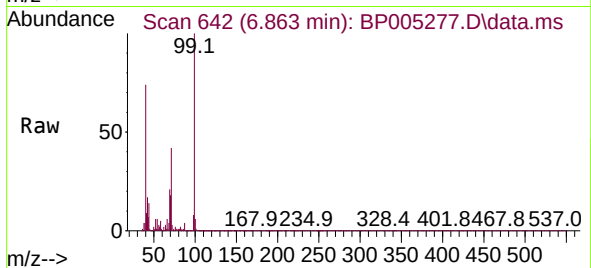
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	32.8	49.2
63	32.4	17.0	25.4





#7
Phenol-d6
Concen: 16.13 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

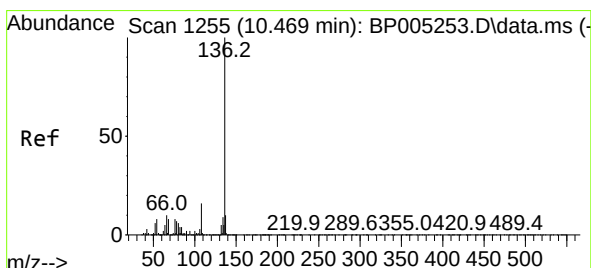
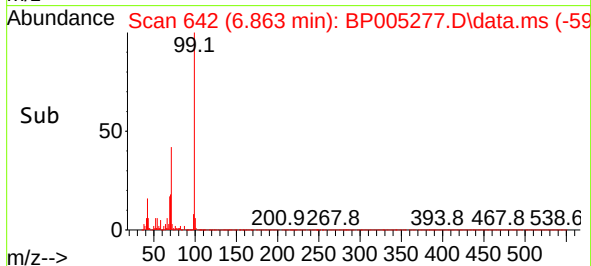
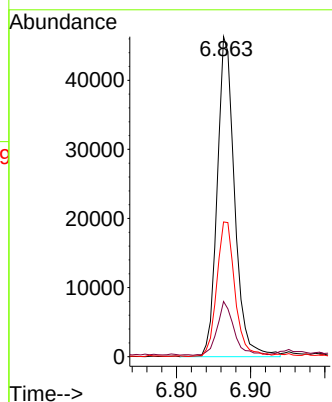
Instrument :
BNA_P
ClientSampled :
26878



Tgt Ion: 99 Resp: 75314
Ion Ratio Lower Upper
99 100
42 17.2 8.6 13.0#
71 42.1 23.4 35.2#

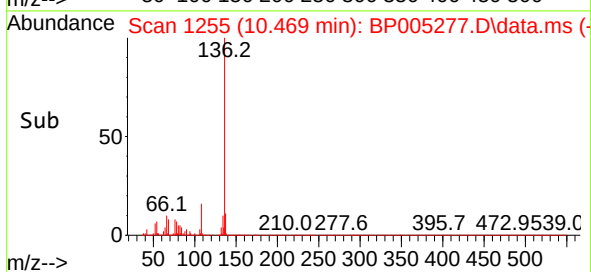
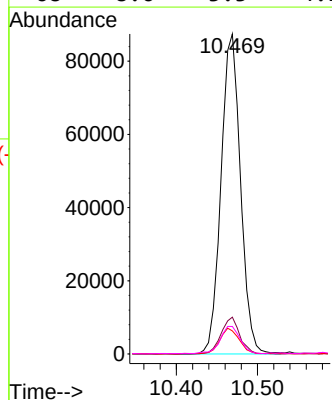
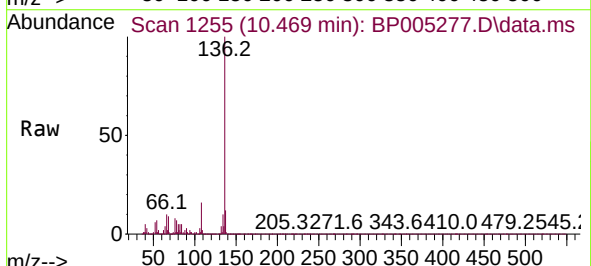
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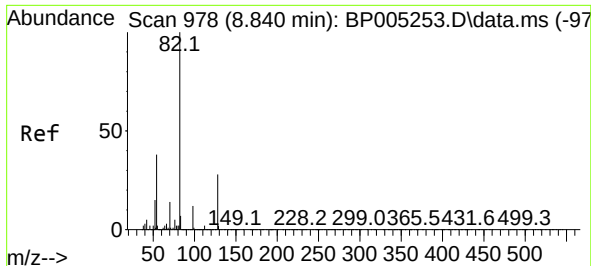
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

Tgt Ion: 136 Resp: 145877
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.2 3.6 5.4#
68 8.6 3.3 4.9#





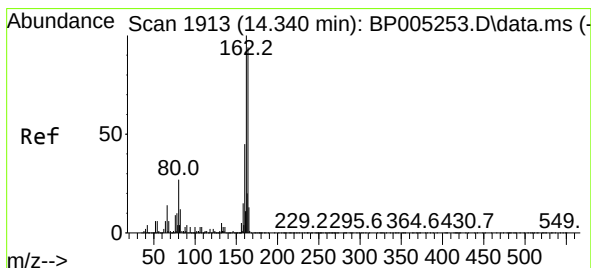
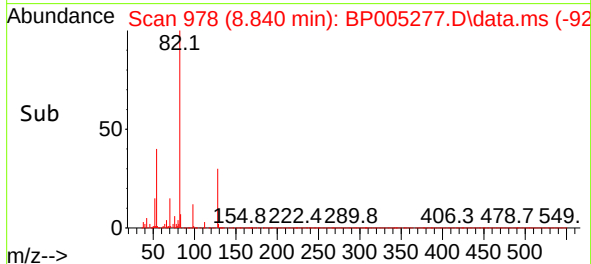
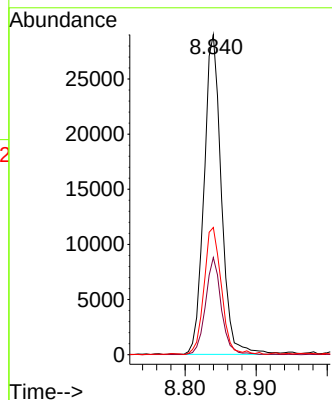
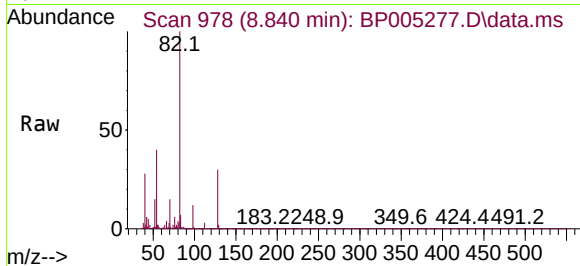
#23
Nitrobenzene-d5
Concen: 10.65 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.4	45.6	68.4#
54	39.8	30.1	45.1

Instrument :
BNA_P
ClientSampleId :
26878

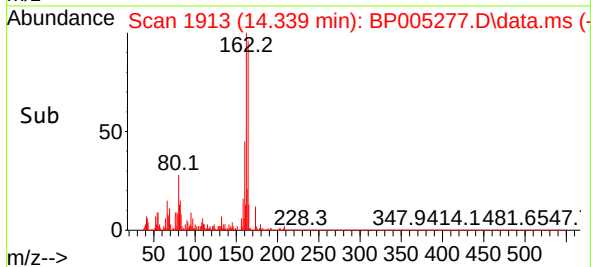
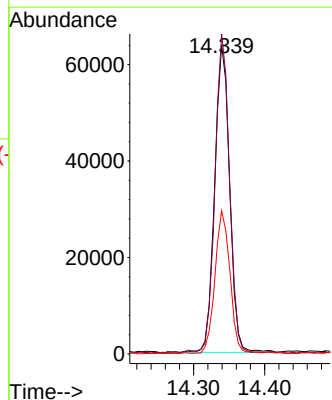
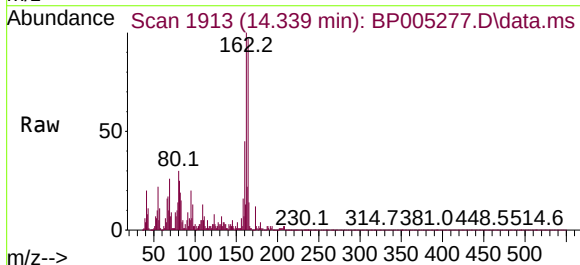
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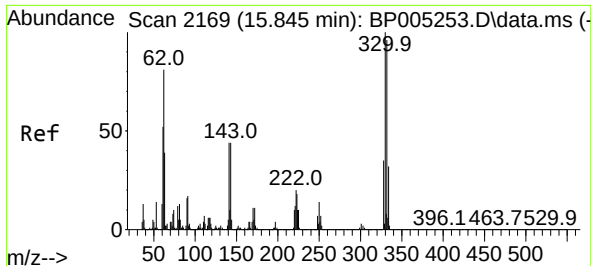
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.4	119.2
160	46.4	36.1	54.1





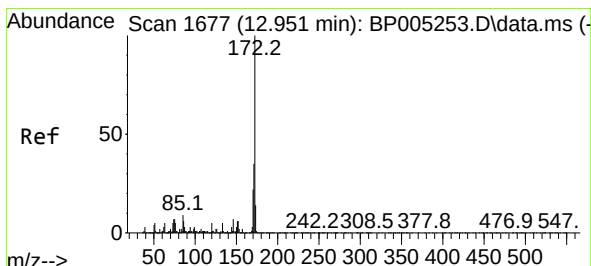
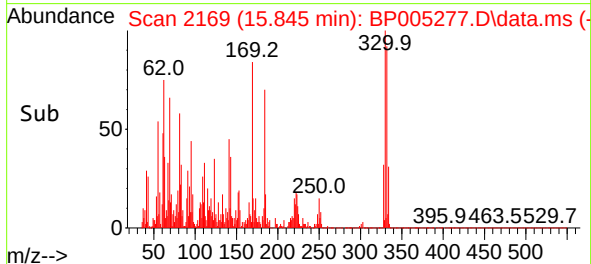
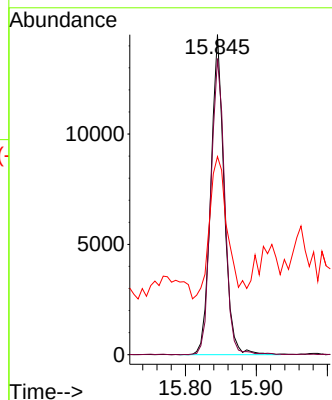
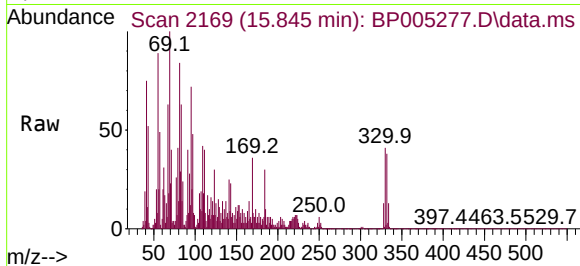
#42
2,4,6-Tribromophenol
Concen: 16.11 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

Tgt Ion: 330 Resp: 18935
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 60.1 23.4 35.2#

Instrument :
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ClientSampleId :
26878

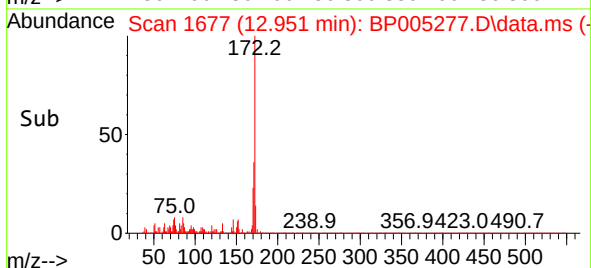
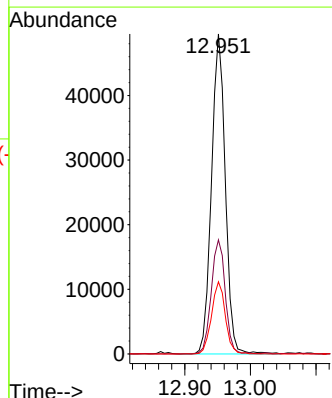
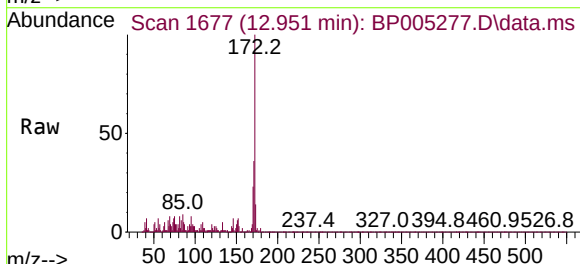
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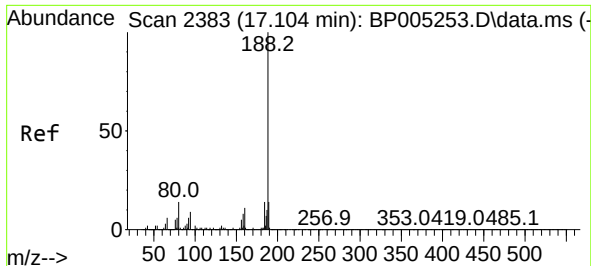
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#45
2-Fluorobiphenyl
Concen: 10.51 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

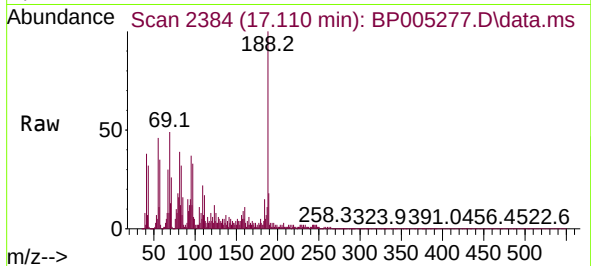
Tgt Ion: 172 Resp: 72476
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.6 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

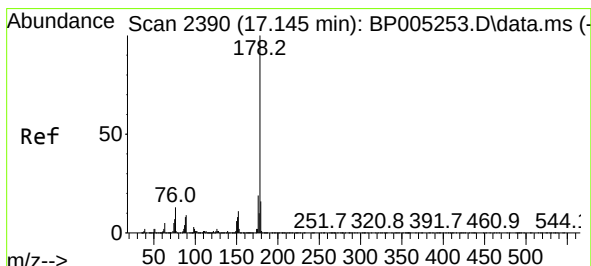
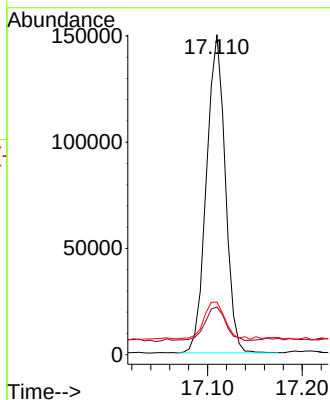
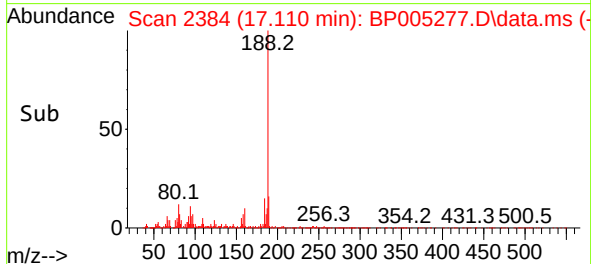
Instrument :
BNA_P
ClientSampleId :
26878



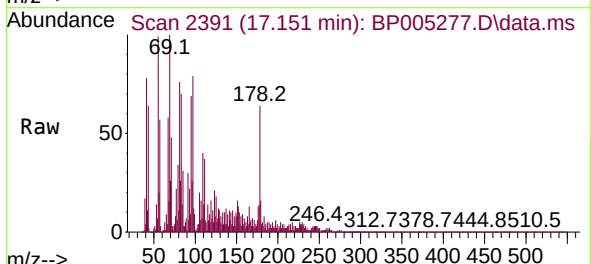
Tgt Ion:188 Resp: 206292
Ion Ratio Lower Upper
188 100
94 14.9 6.2 9.2#
80 16.5 6.2 9.2#

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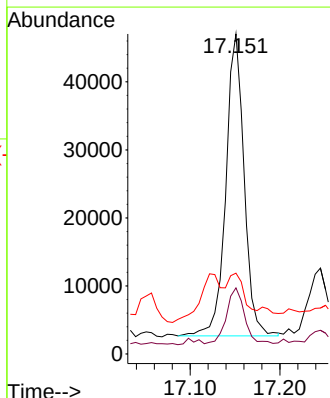
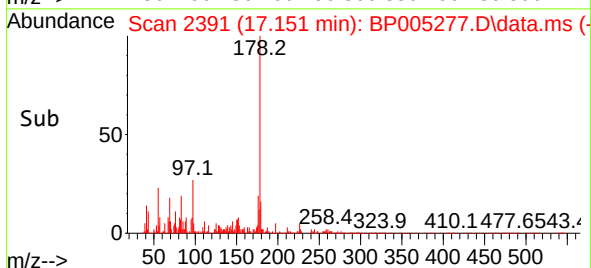
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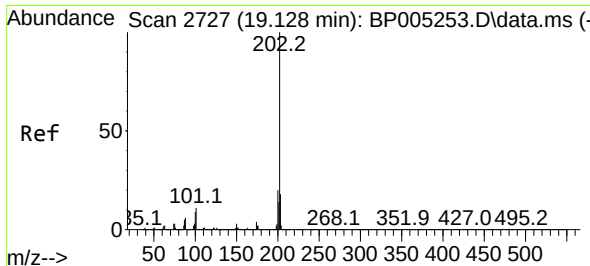


#71
Phenanthrene
Concen: 5.40 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23



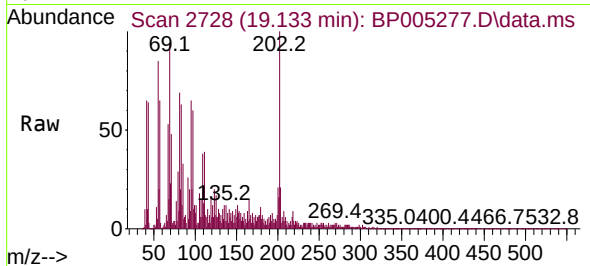
Tgt Ion:178 Resp: 62917
Ion Ratio Lower Upper
178 100
176 20.7 15.3 22.9
179 25.3 12.5 18.7#





#75
Fluoranthene
Concen: 5.88 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

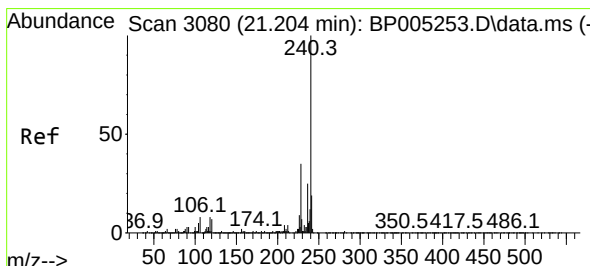
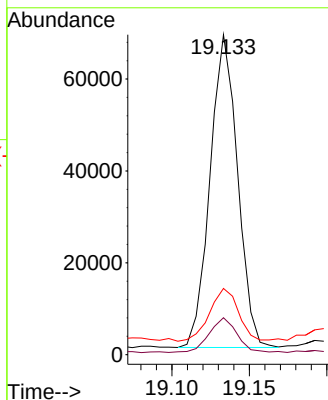
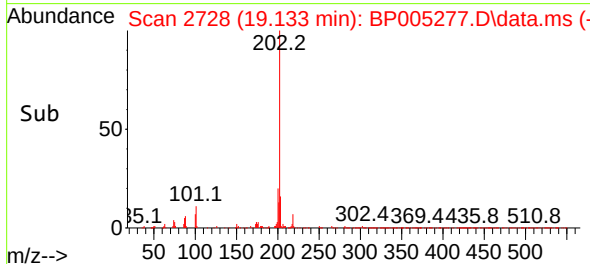
Instrument :
BNA_P
ClientSampled :
26878



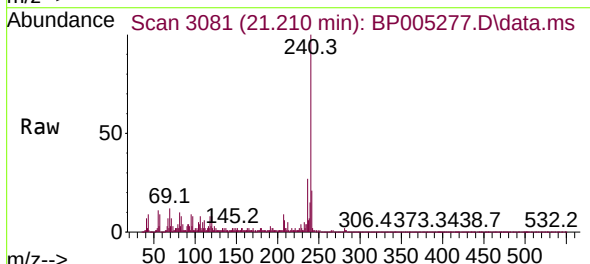
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	29.4
203	20.7	0.0	37.8

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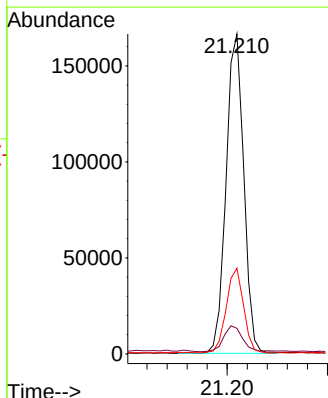
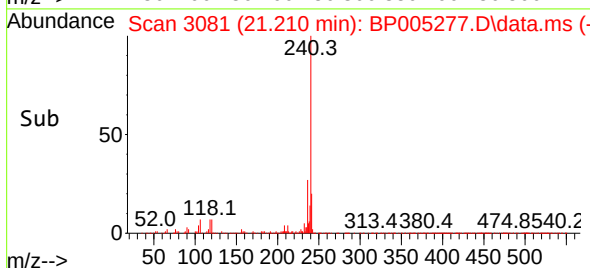
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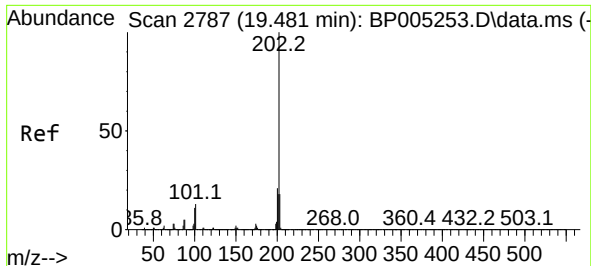


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23



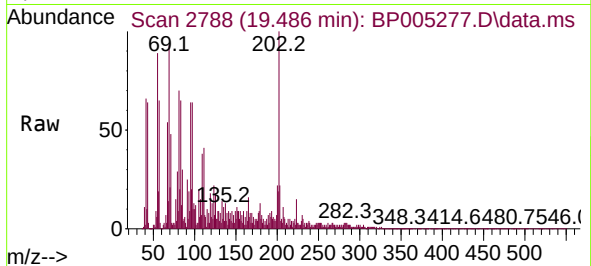
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.8	11.6
236	26.8	20.8	31.2





#78
Pyrene
Concen: 6.09 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

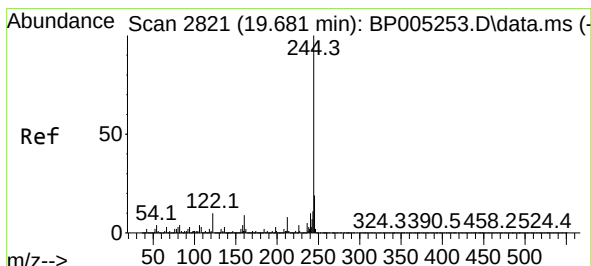
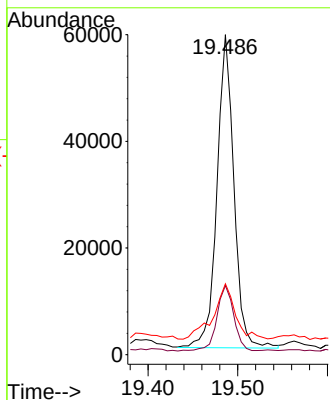
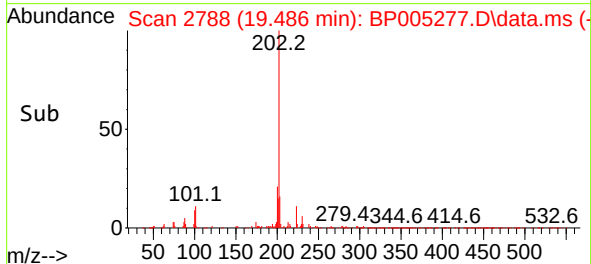
Instrument :
BNA_P
ClientSampled :
26878



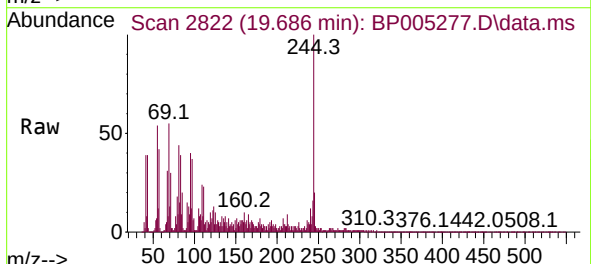
Tgt Ion:202 Resp: 77071
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 22.2 14.2 21.2#

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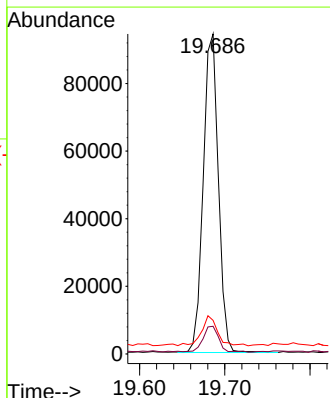
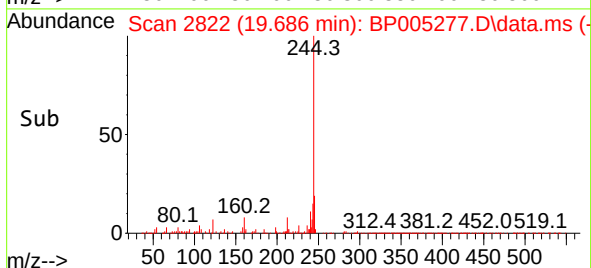
mohammad
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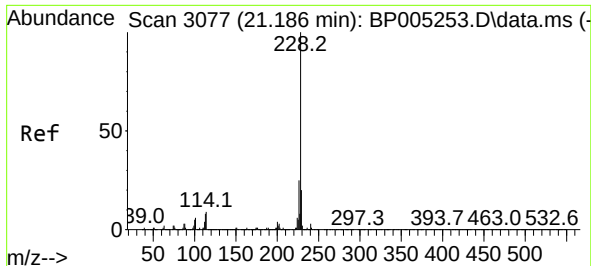


#79
Terphenyl-d14
Concen: 11.20 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23



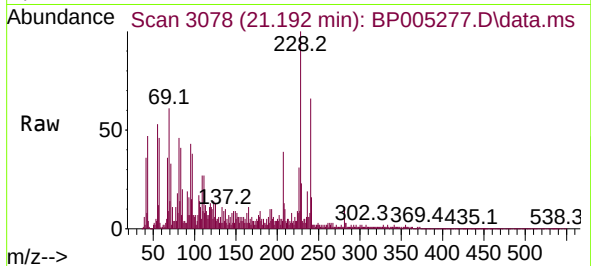
Tgt Ion:244 Resp: 116162
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.6#
122 10.5 7.8 11.8





#81
Benzo(a)anthracene
Concen: 3.23 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

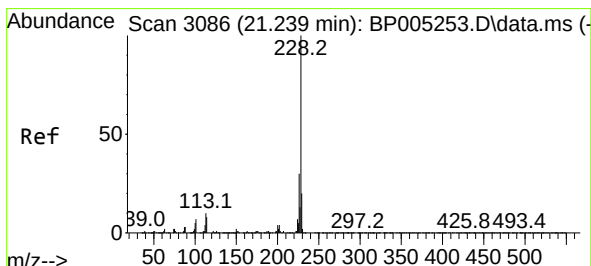
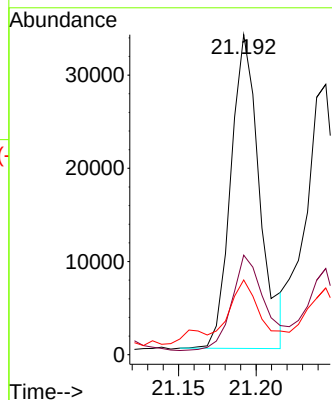
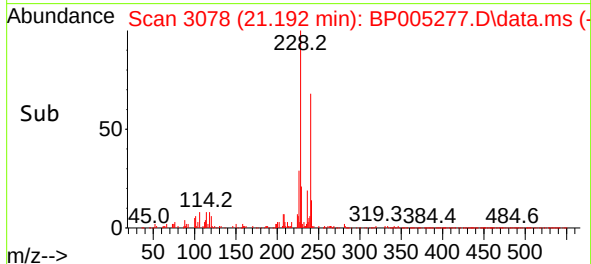
Instrument :
BNA_P
ClientSampled :
26878



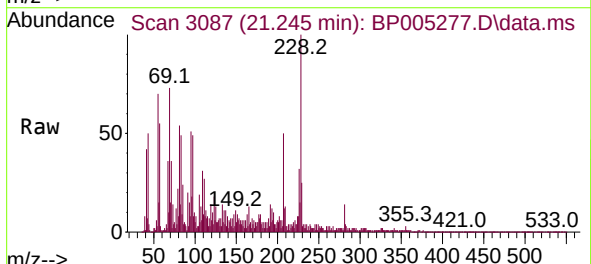
Tgt Ion:228 Resp: 43419
Ion Ratio Lower Upper
228 100
226 31.1 22.1 33.1
229 23.4 15.9 23.9

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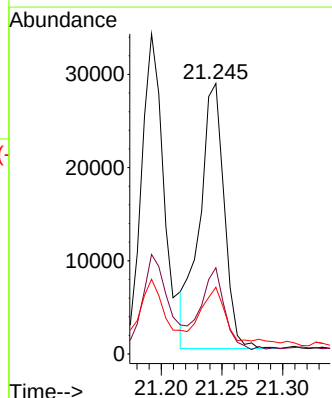
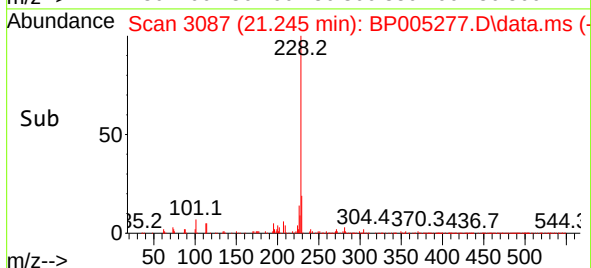
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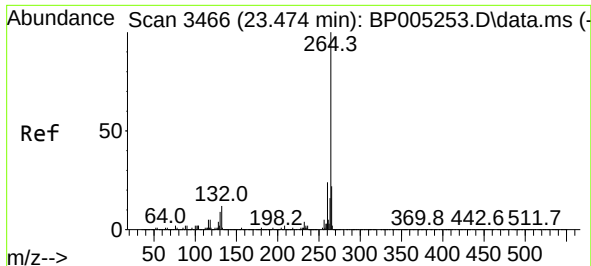


#83
Chrysene
Concen: 3.08 ng m
RT: 21.245 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23



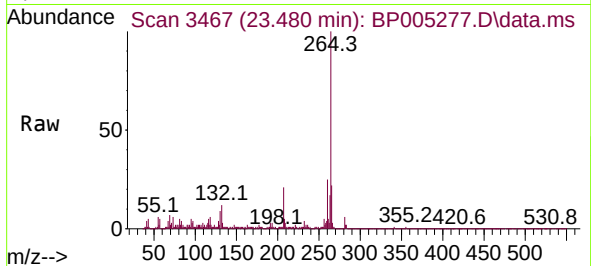
Tgt Ion:228 Resp: 40249
Ion Ratio Lower Upper
228 100
226 31.9 24.4 36.6
229 24.7 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.480 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

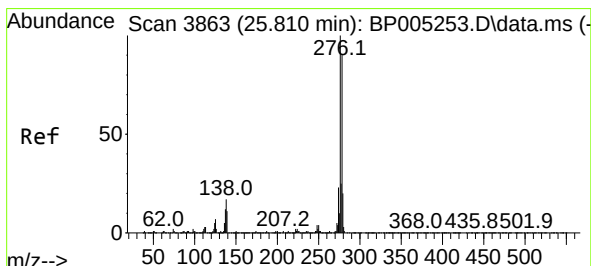
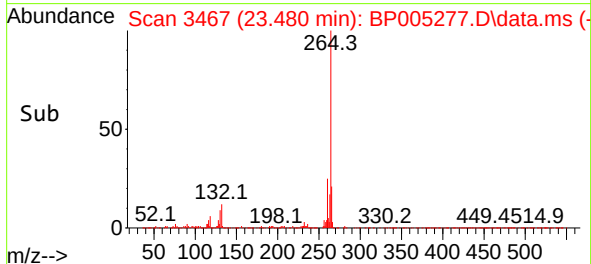
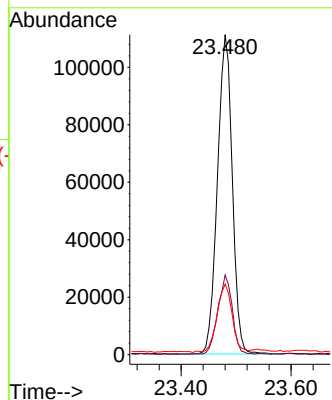
Instrument :
BNA_P
ClientSampled :
26878



Tgt Ion:264 Resp: 208833
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 22.1 17.4 26.2

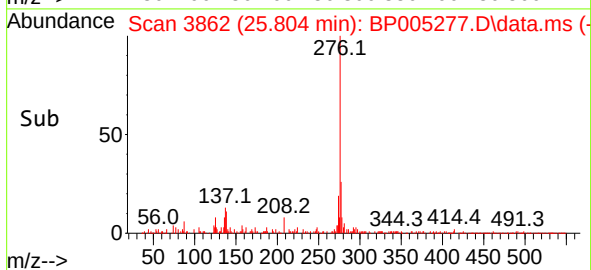
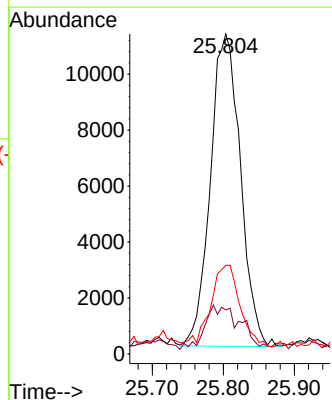
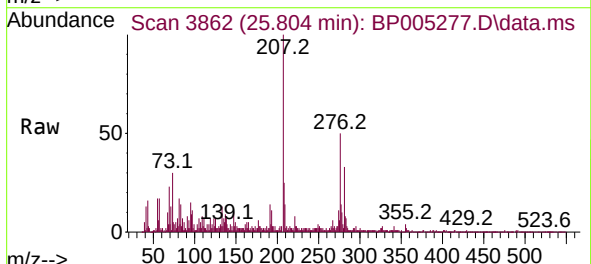
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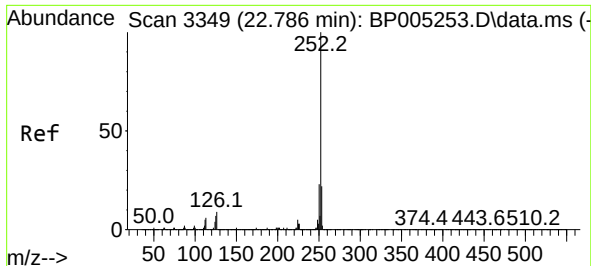
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 25.804 min Scan# 3862
Delta R.T. -0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

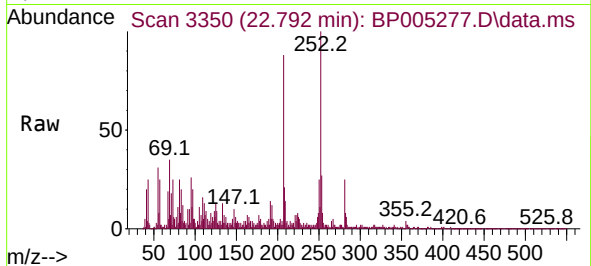
Tgt Ion:276 Resp: 32798
Ion Ratio Lower Upper
276 100
138 6.6 18.7 28.1#
277 26.1 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 4.14 ng m
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23

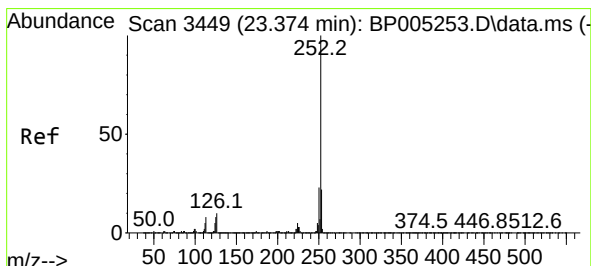
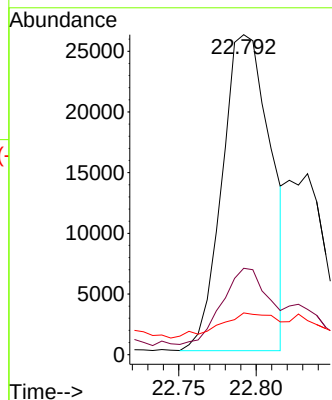
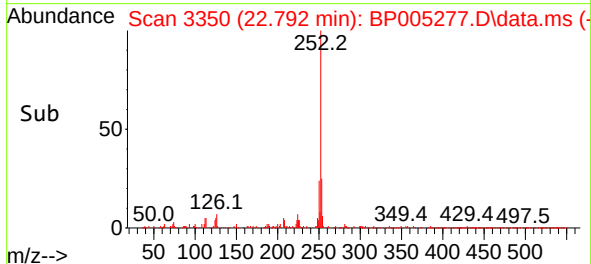
Instrument :
BNA_P
ClientSampled :
26878



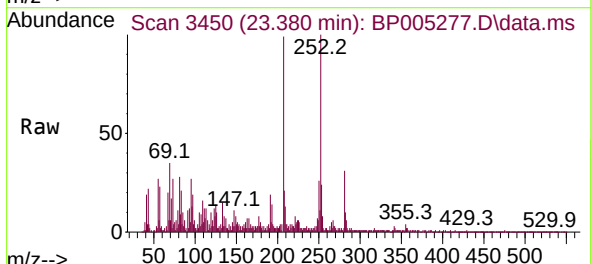
Tgt Ion:252 Resp: 56589
Ion Ratio Lower Upper
252 100
253 27.0 17.6 26.4#
125 13.1 7.3 10.9#

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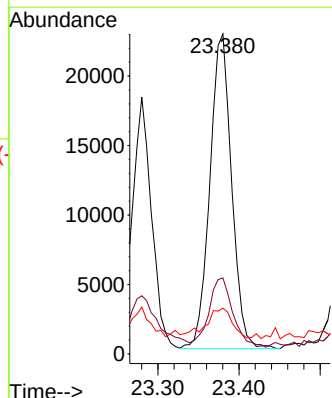
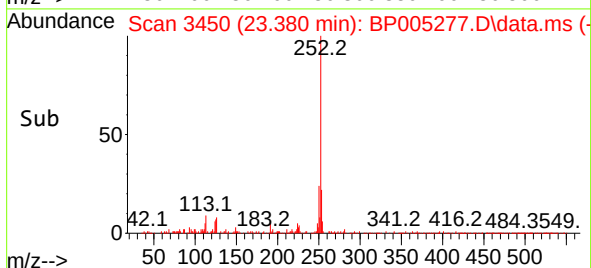
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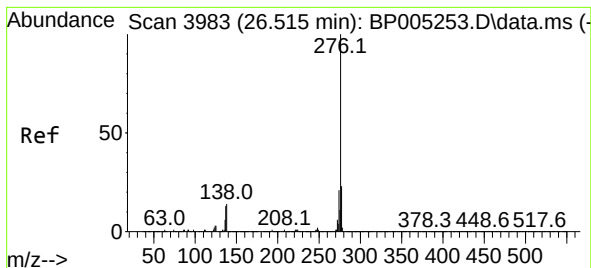


#90
Benzo(a)pyrene
Concen: 3.33 ng
RT: 23.380 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BP005277.D
Acq: 12 Apr 2021 21:23



Tgt Ion:252 Resp: 42160
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 14.3 8.2 12.4#





#92

Benzo(g,h,i)perylene

Concen: 2.55 ng

RT: 26.521 min Scan# 3984

Delta R.T. 0.006 min

Lab File: BP005277.D

Acq: 12 Apr 2021 21:23

Tgt Ion:	276	Resp:	34282
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.6
138	14.2	16.6	24.8#

Instrument :

BNA_P

ClientSampleId :

26878

Manual Integrations
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