

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003908.D
 Acq On : 10 Nov 2020 18:26
 Operator : CG/JU
 Sample : L4680-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B7-110520-0-10

Manual Integrations
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mohammad
 11/11/2020 10:32:40 AM

Quant Time: Nov 11 00:12:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	174323	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	563365	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	325572	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	591334	20.00	ng	0.00
76) Chrysene-d12	21.657	240	591455	20.00	ng	0.00
86) Perylene-d12	24.133	264	630937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	795423	76.15	ng	0.00
7) Phenol-d6	7.446	99	1082017	72.17	ng	0.00
23) Nitrobenzene-d5	9.440	82	629092	54.69	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	328018	80.55	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1230114	52.82	ng	0.00
79) Terphenyl-d14	20.128	244	1401462	45.78	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.322	163	207978	8.17	ng	100
71) Phenanthrene	17.669	178	375865	11.33	ng	99
72) Anthracene	17.757	178	88775	2.77	ng	99
75) Fluoranthene	19.604	202	601108	15.70	ng	99
78) Pyrene	19.951	202	793662	19.77	ng	98
81) Benzo(a)anthracene	21.639	228	427548	10.96	ng	98
83) Chrysene	21.698	228	393004	10.49	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	238801	5.25	ng	# 95
88) Benzo(b)fluoranthene	23.380	252	430085m	10.42	ng	
89) Benzo(k)fluoranthene	23.422	252	153828m	3.77	ng	
90) Benzo(a)pyrene	24.021	252	382247	10.00	ng	97
92) Benzo(g,h,i)perylene	27.468	276	268989	7.32	ng	97

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

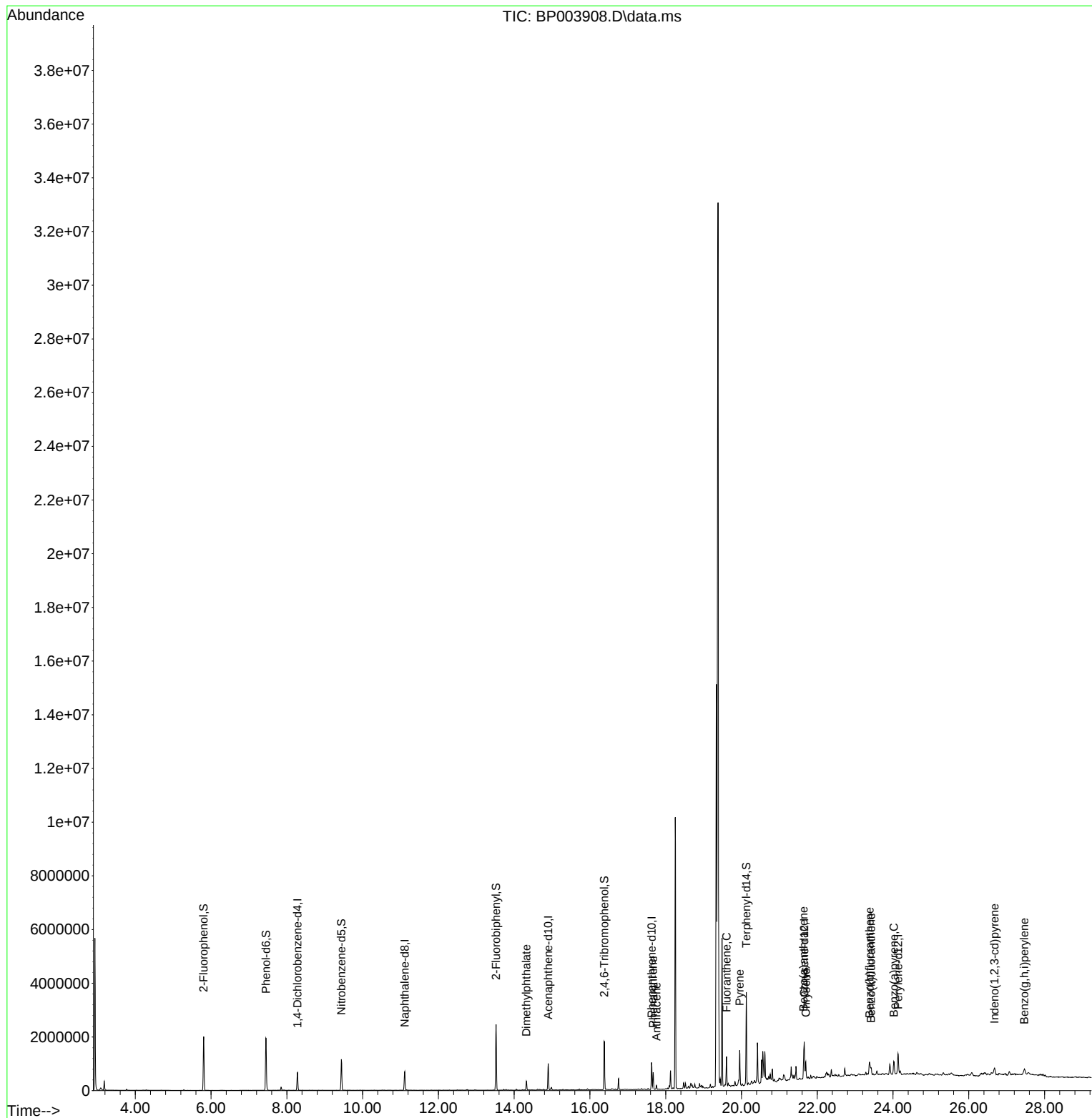
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Data File : BP003908.D
Acq On : 10 Nov 2020 18:26
Operator : CG/JU
Sample : L4680-01
Misc :
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Instrument :
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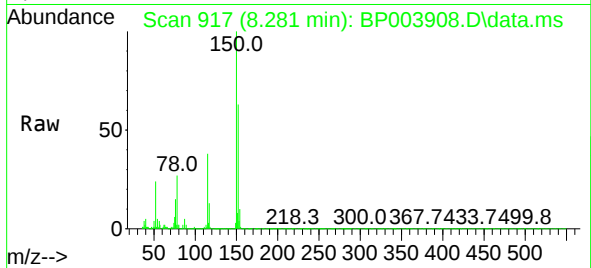
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Quant Time: Nov 11 00:12:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

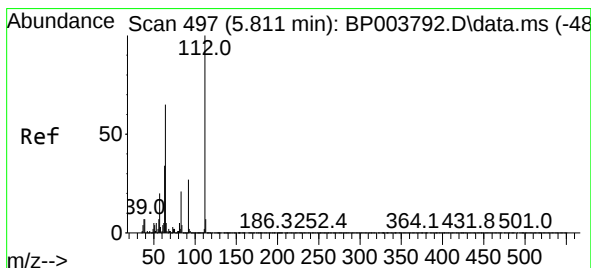
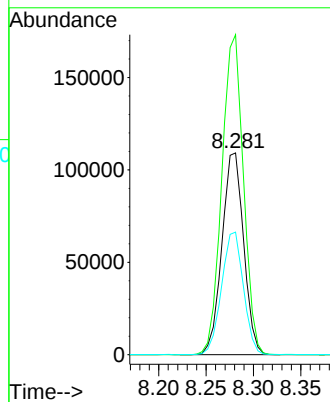
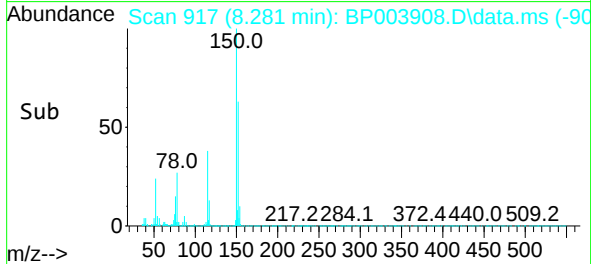




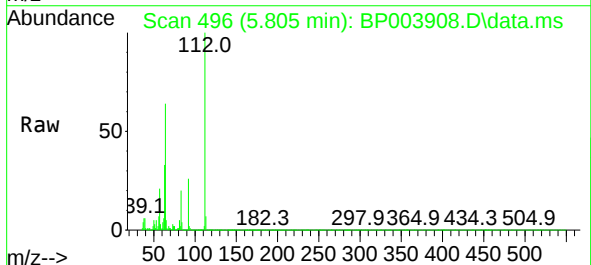
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003908.D
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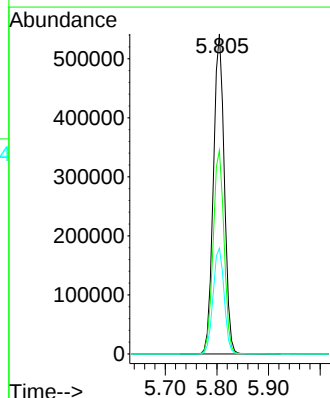
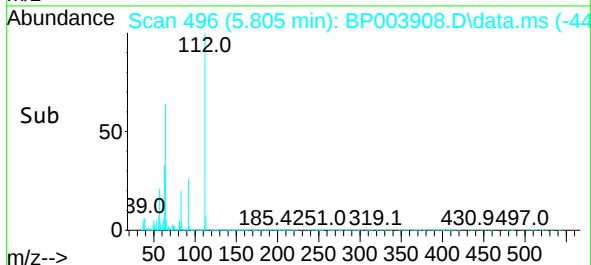
Tgt Ion:152 Resp: 174323
Ion Ratio Lower Upper
152 100
150 158.6 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 76.15 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003908.D
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Tgt Ion:112 Resp: 795423
Ion Ratio Lower Upper
112 100
64 63.7 32.8 49.2#
63 33.1 17.0 25.4#



Instrument :
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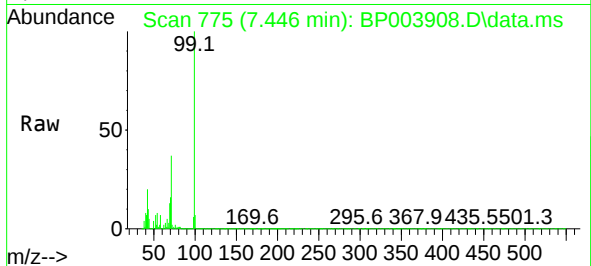
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#7
Phenol-d6
Concen: 72.17 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

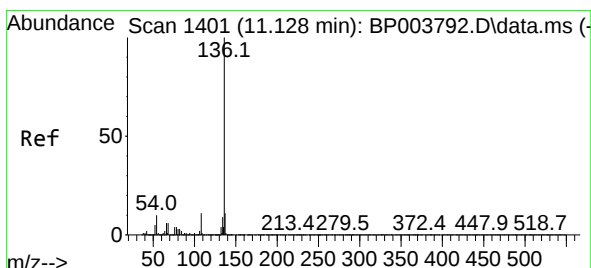
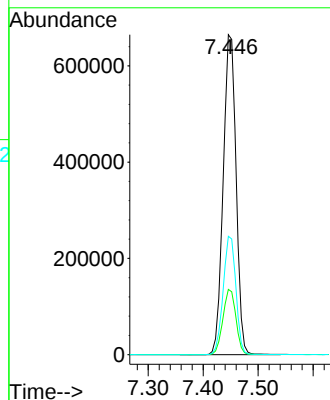
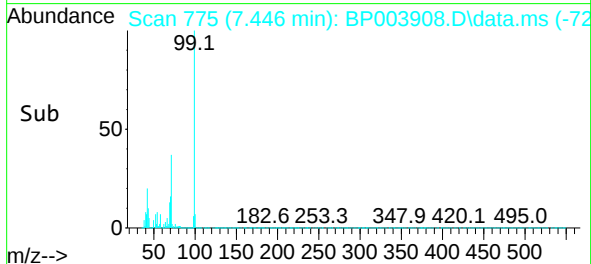
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ClientSampleId :
PAV-B7-110520-0-10



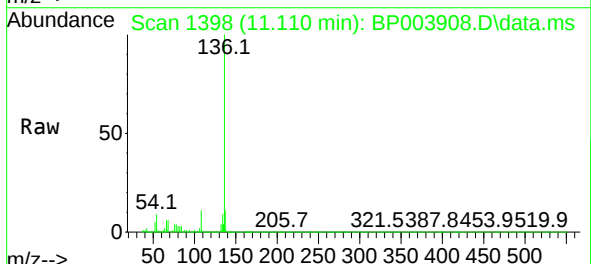
Tgt Ion: 99 Resp: 1082017
Ion Ratio Lower Upper
99 100
42 20.4 8.6 13.0#
71 37.0 23.4 35.2#

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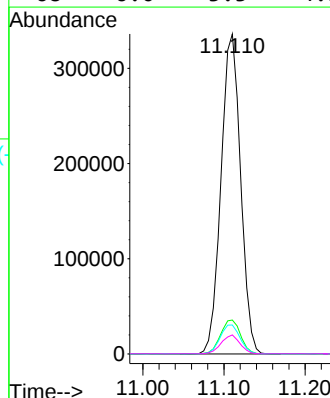
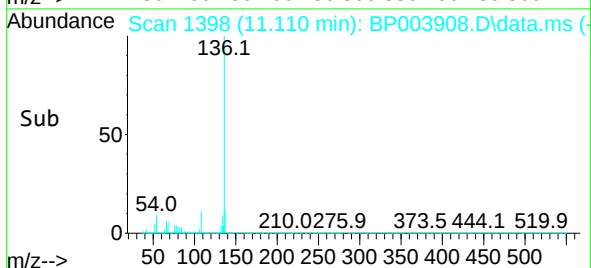
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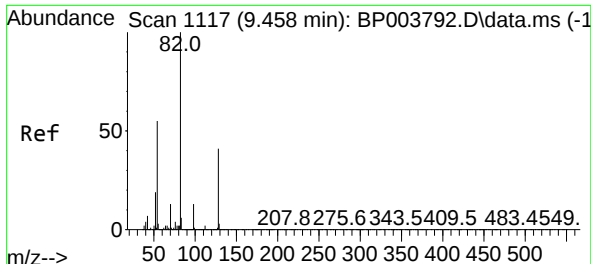


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26



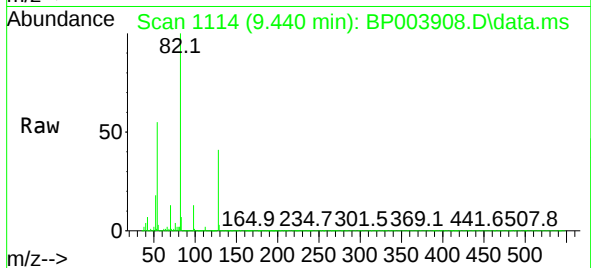
Tgt Ion: 136 Resp: 563365
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 3.6 5.4#
68 6.0 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 54.69 ng
RT: 9.440 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

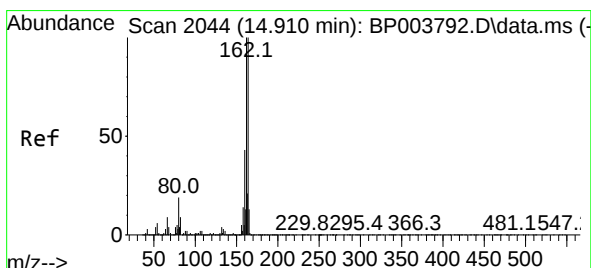
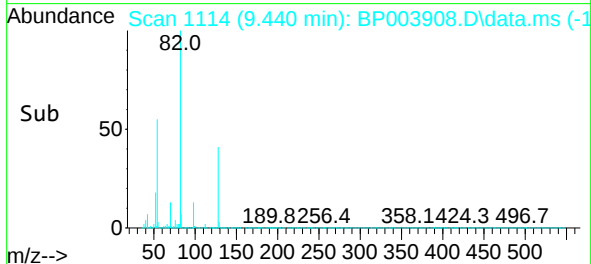
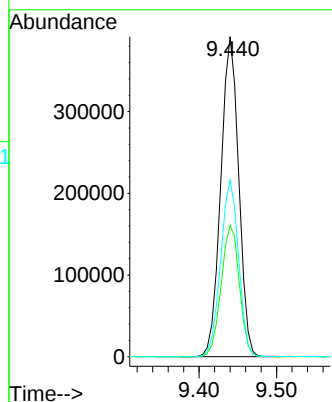
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 629092
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 55.1 30.1 45.1#

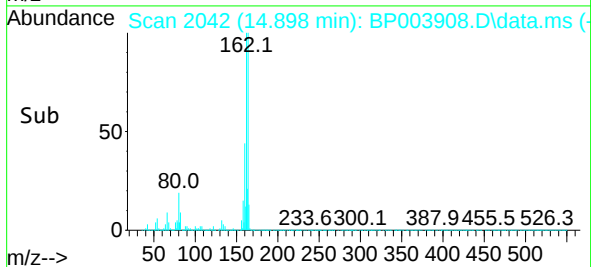
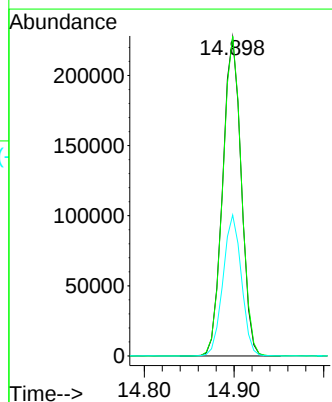
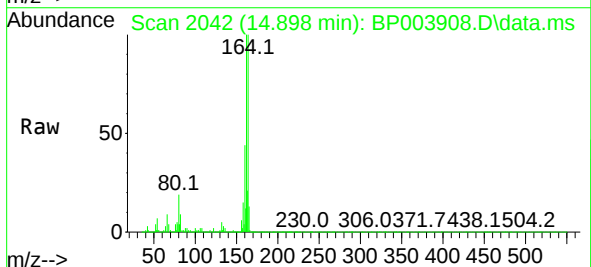
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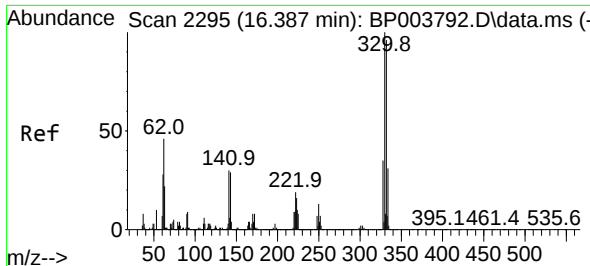
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion: 164 Resp: 325572
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 44.2 36.1 54.1





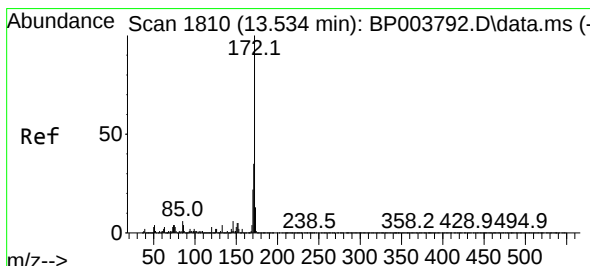
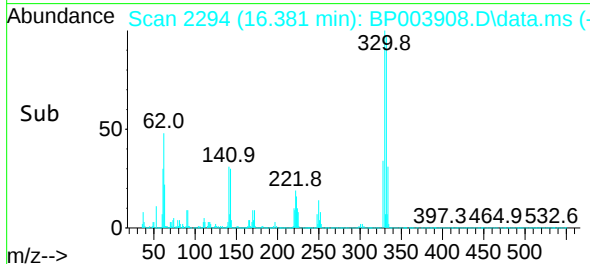
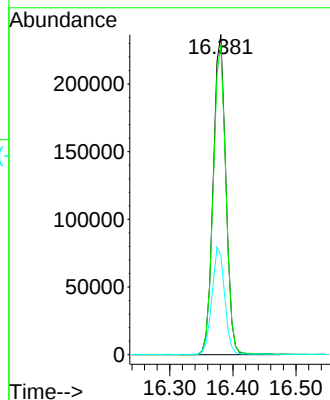
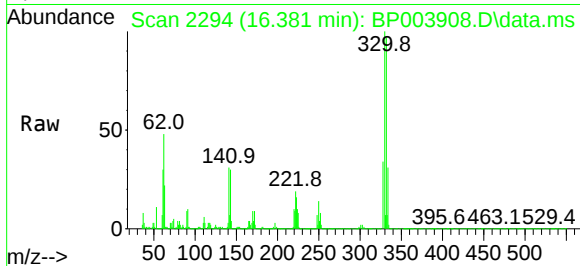
#42
2,4,6-Tribromophenol
Concen: 80.55 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion: 330 Resp: 328018
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 33.8 23.4 35.2

Instrument :
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ClientSampleId :
PAV-B7-110520-0-10

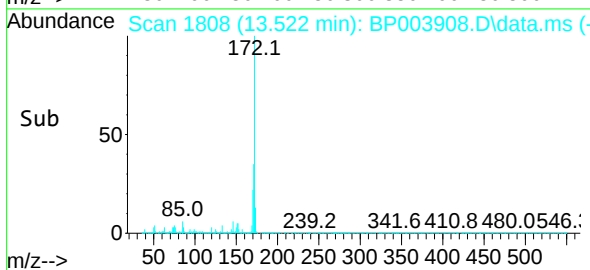
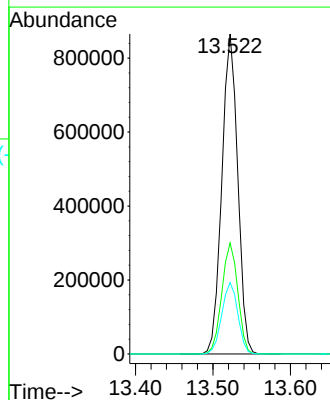
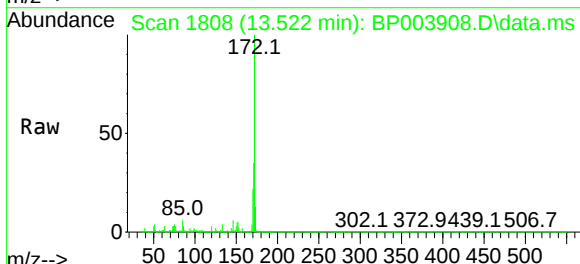
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#45
2-Fluorobiphenyl
Concen: 52.82 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

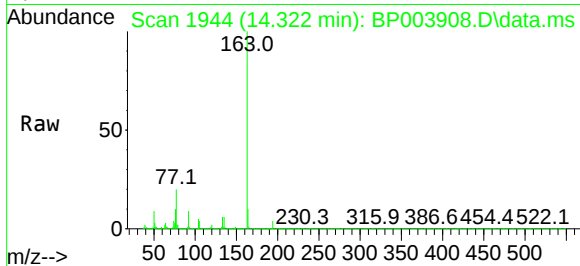
Tgt Ion: 172 Resp: 1230114
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.3 19.2 28.8





#50
Dimethylphthalate
Concen: 8.17 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

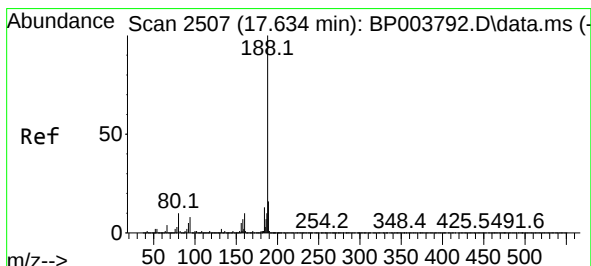
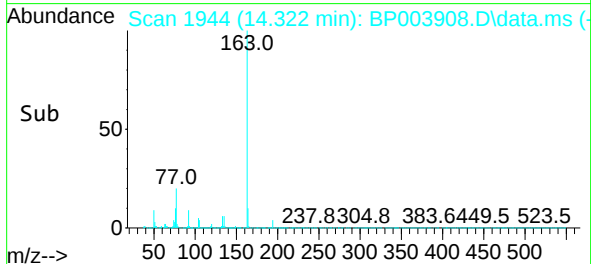
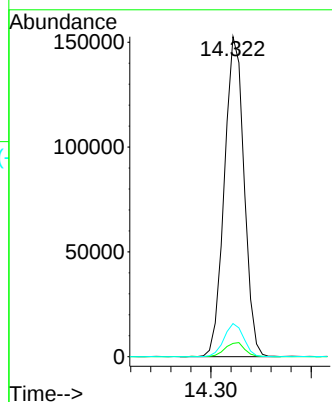
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:163 Resp: 207978
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2

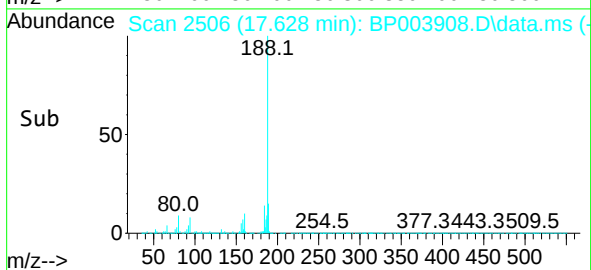
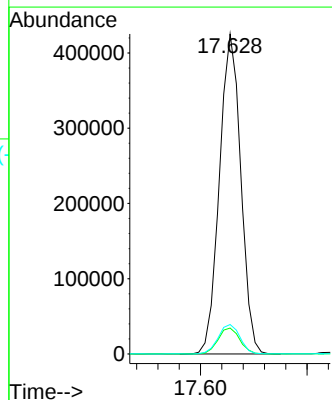
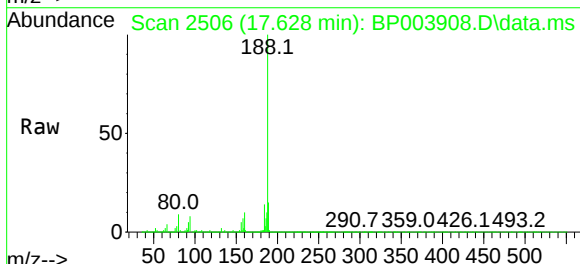
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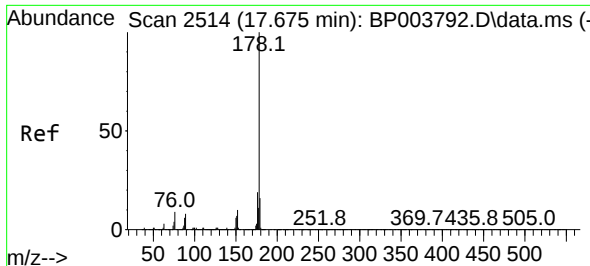
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

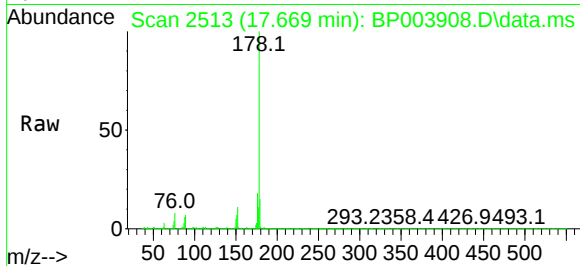
Tgt Ion:188 Resp: 591334
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.2 6.2 9.2





#71
Phenanthrene
Concen: 11.33 ng
RT: 17.669 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

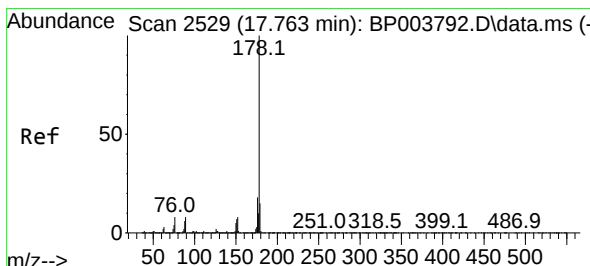
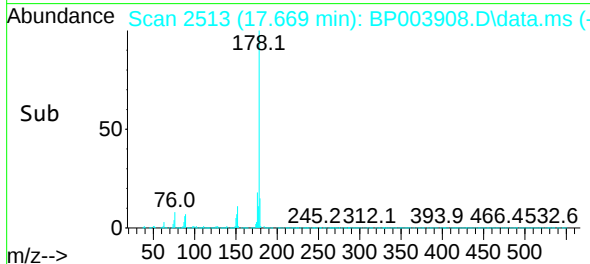
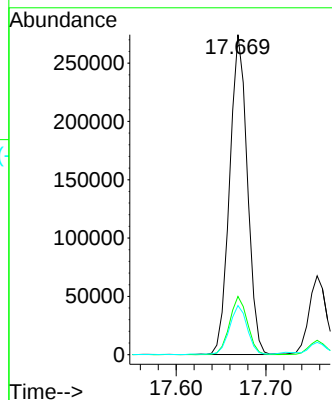
Instrument :
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Tgt Ion:178 Resp: 375865
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.4 12.5 18.7

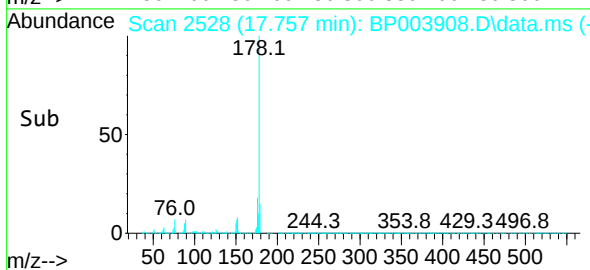
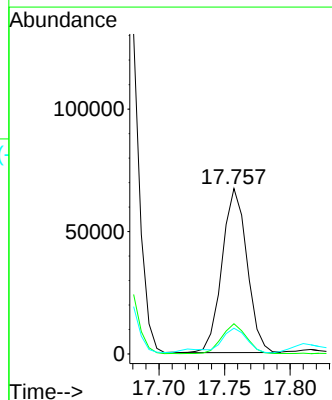
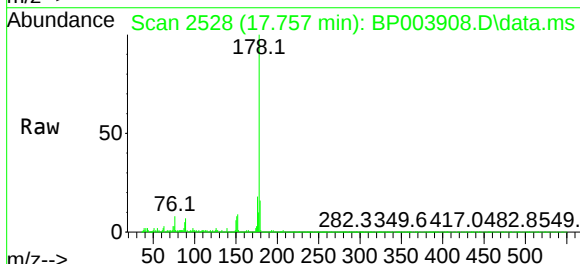
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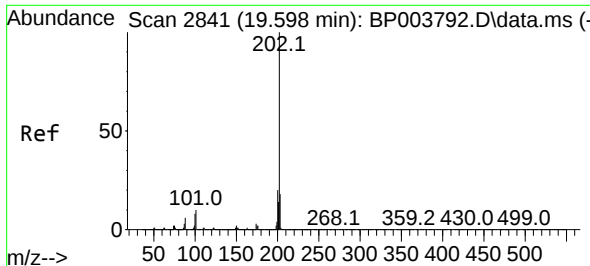
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#72
Anthracene
Concen: 2.77 ng
RT: 17.757 min Scan# 2528
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

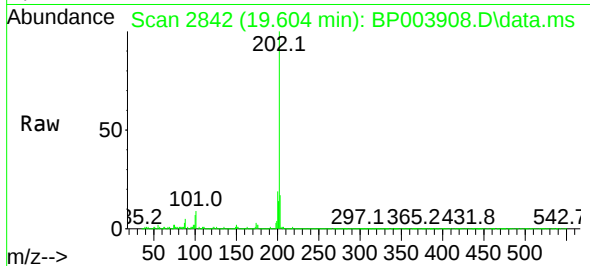
Tgt Ion:178 Resp: 88775
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.6 12.5 18.7





#75
Fluoranthene
Concen: 15.70 ng
RT: 19.604 min Scan# 2842
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

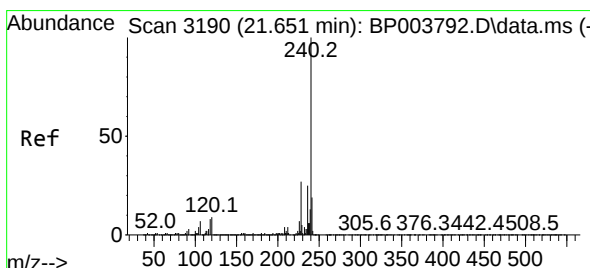
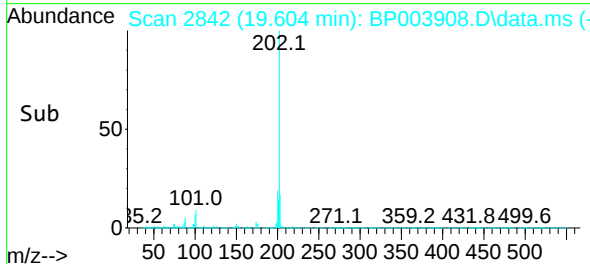
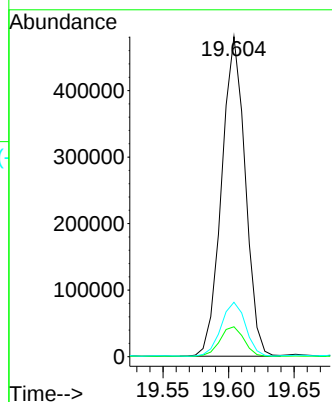
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:202 Resp: 601108
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 17.0 0.0 37.8

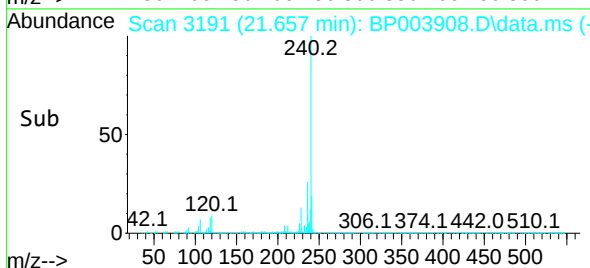
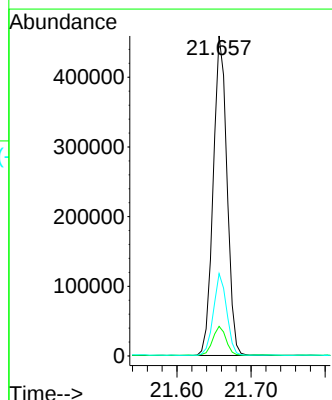
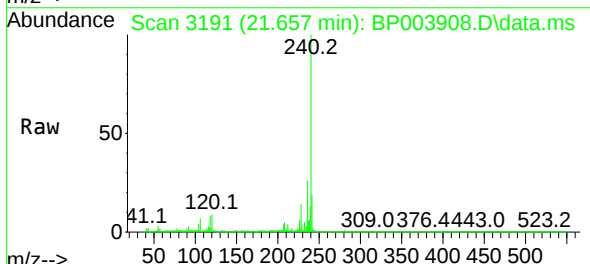
Manual Integrations
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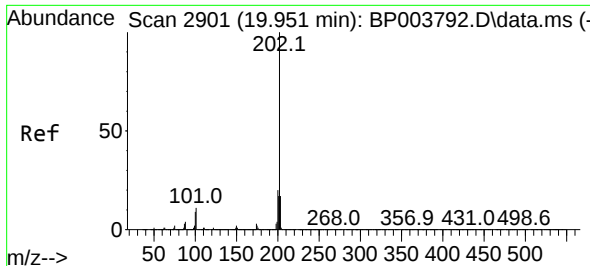
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

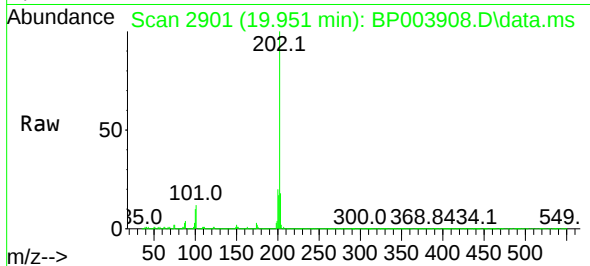
Tgt Ion:240 Resp: 591455
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.8 20.8 31.2





#78
Pyrene
Concen: 19.77 ng
RT: 19.951 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

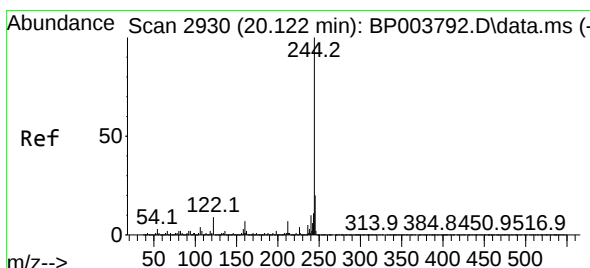
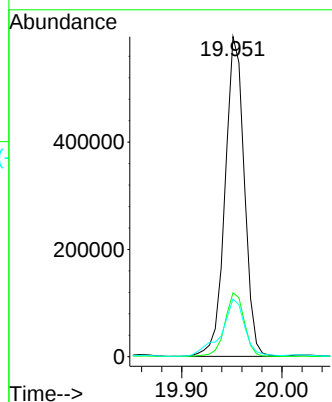
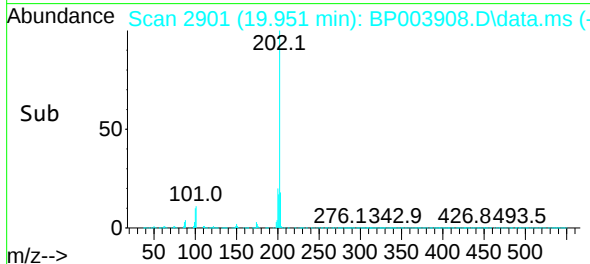
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



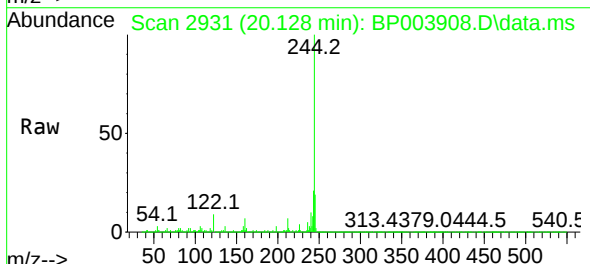
Tgt Ion:202 Resp: 793662
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 18.0 14.2 21.2

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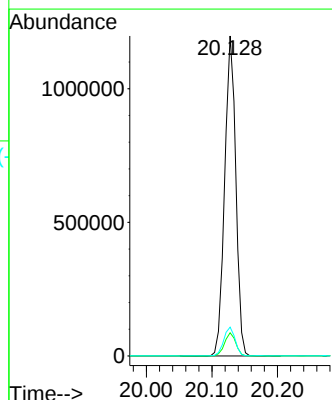
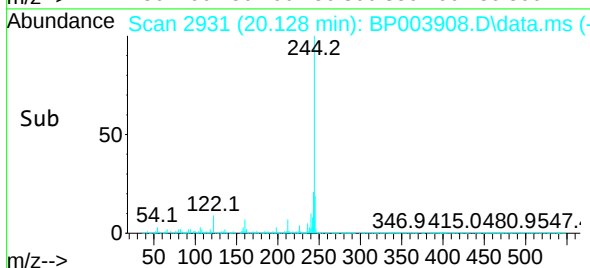
mohammad
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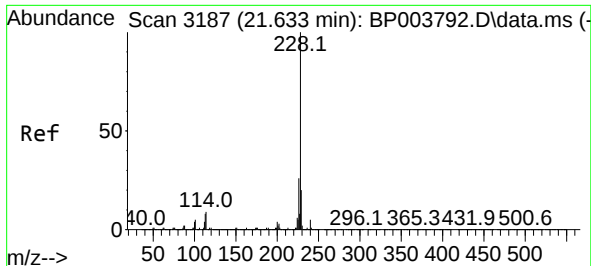


#79
Terphenyl-d14
Concen: 45.78 ng
RT: 20.128 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26



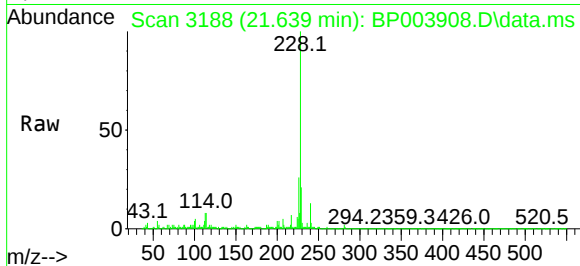
Tgt Ion:244 Resp: 1401462
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.0 7.8 11.8





#81
Benzo(a)anthracene
Concen: 10.96 ng
RT: 21.639 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

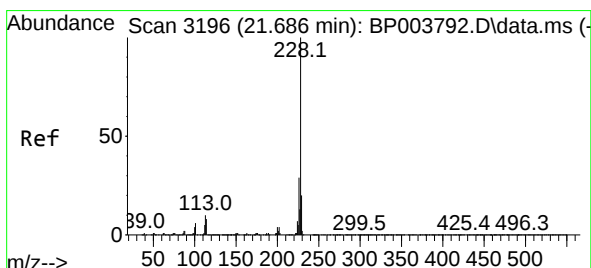
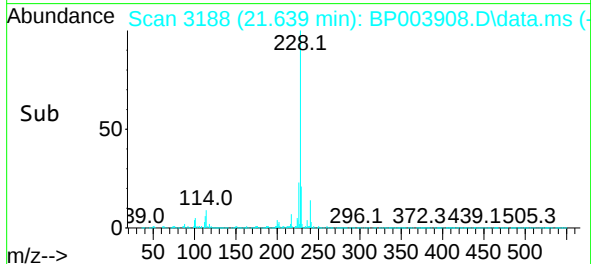
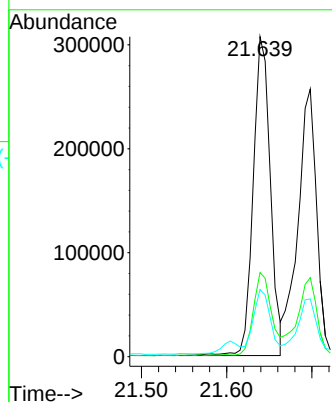
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:228 Resp: 427548
Ion Ratio Lower Upper
228 100
226 26.3 22.1 33.1
229 21.0 15.9 23.9

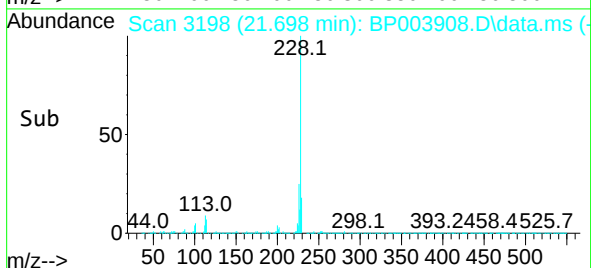
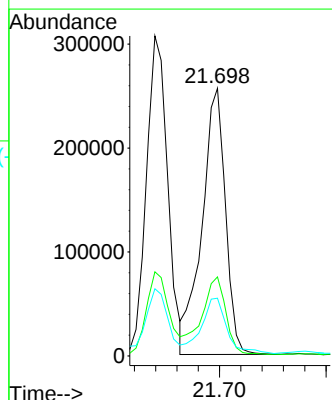
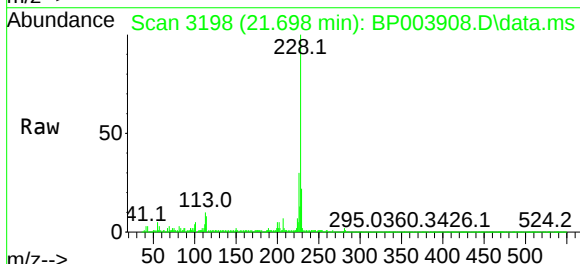
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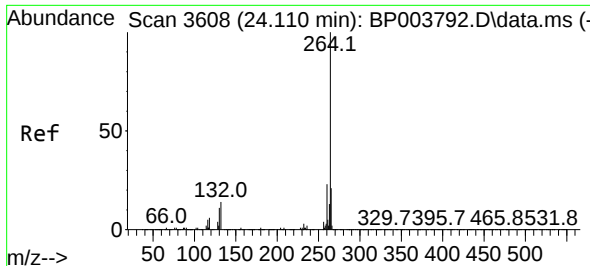
mohammad
11/11/2020 10:32:40 AM



#83
Chrysene
Concen: 10.49 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

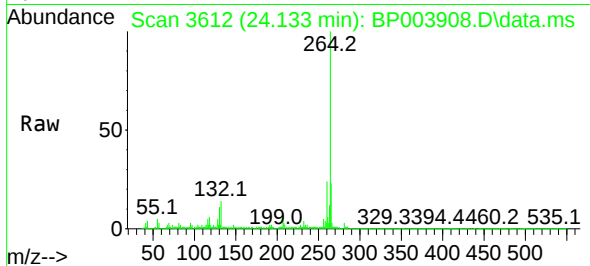
Tgt Ion:228 Resp: 393004
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 21.6 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

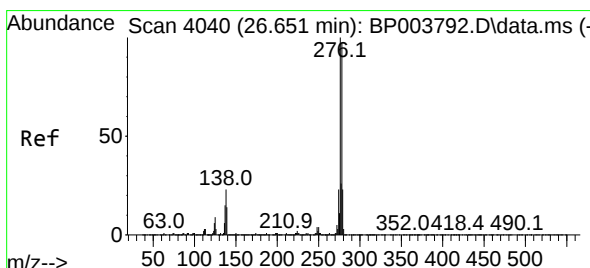
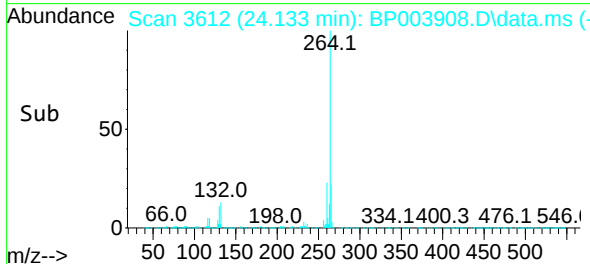
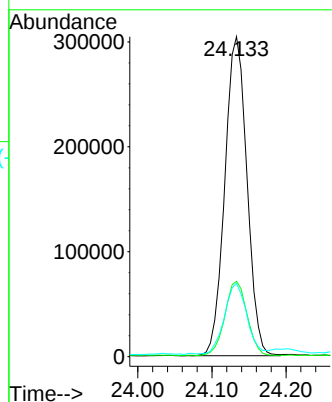
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:264 Resp: 630937
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.9 17.4 26.2

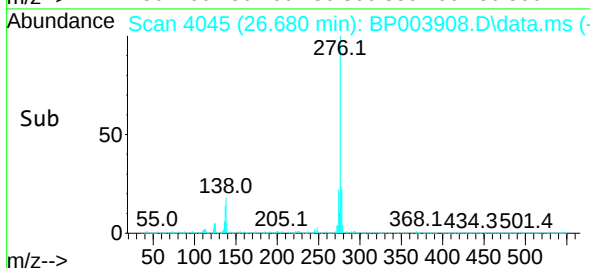
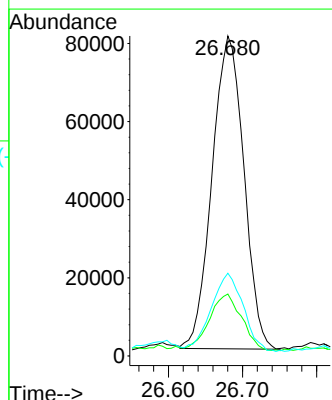
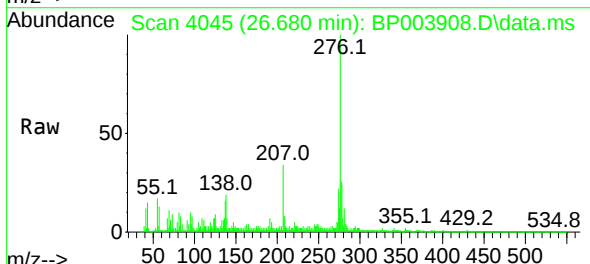
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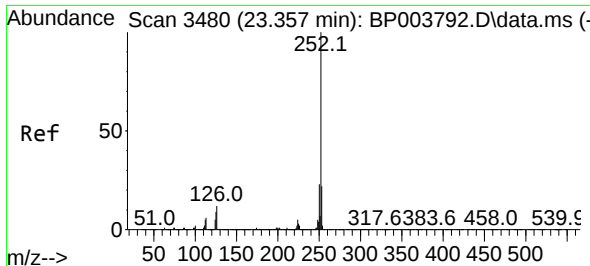
mohammad
11/11/2020 10:32:40 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.25 ng
RT: 26.680 min Scan# 4045
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

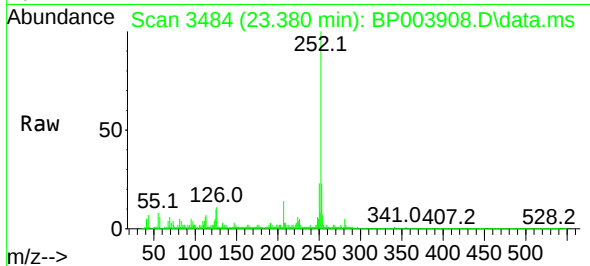
Tgt Ion:276 Resp: 238801
Ion Ratio Lower Upper
276 100
138 18.4 18.7 28.1#
277 25.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 10.42 ng m
RT: 23.380 min Scan# 3484
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

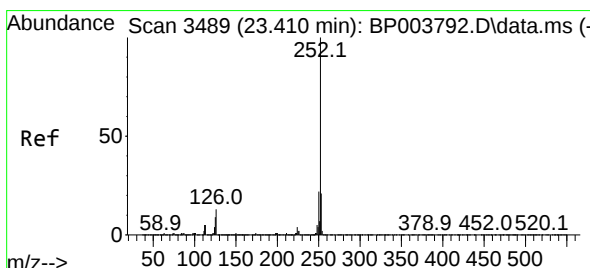
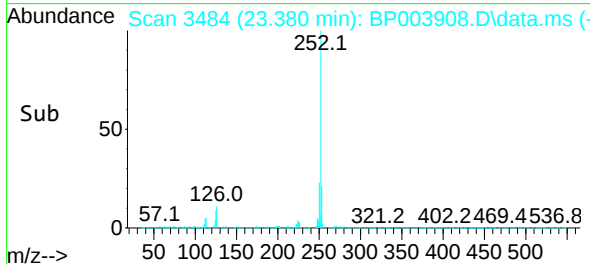
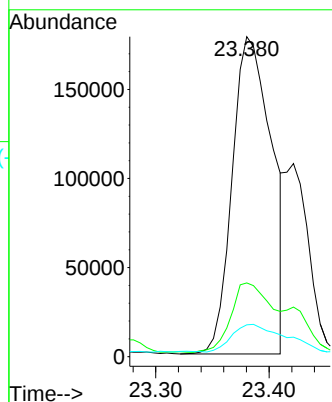
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:252 Resp: 430085
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.9 7.3 10.9

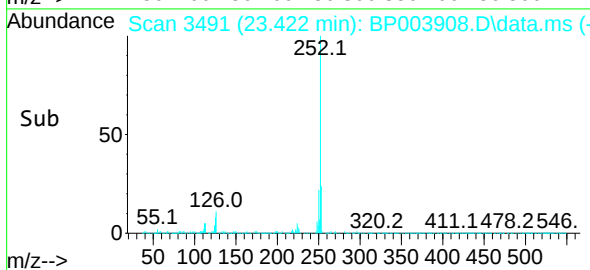
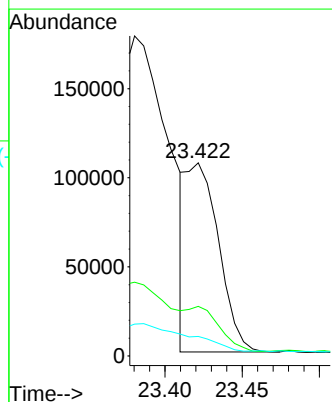
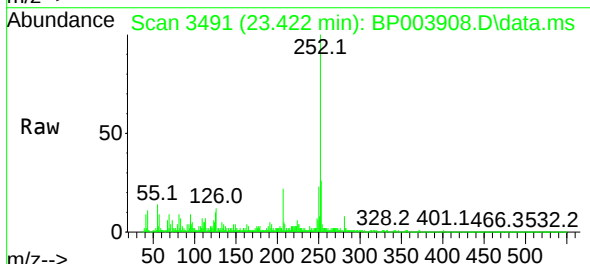
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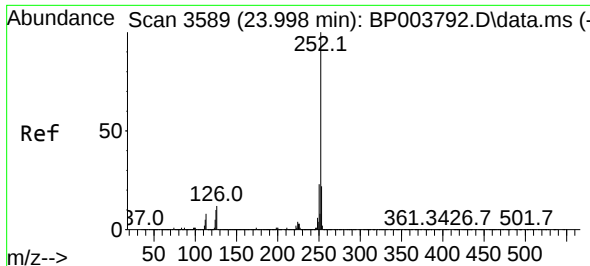
mohammad
11/11/2020 10:32:40 AM



#89
Benzo(k)fluoranthene
Concen: 3.77 ng m
RT: 23.422 min Scan# 3491
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

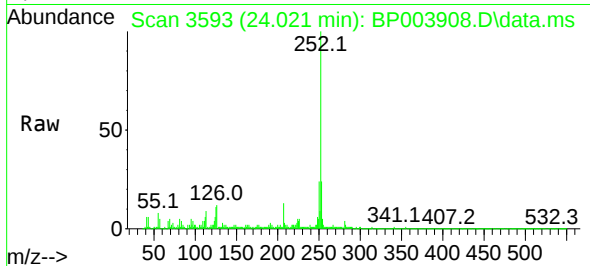
Tgt Ion:252 Resp: 153828
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 10.1 7.4 11.2





#90
Benzo(a)pyrene
Concen: 10.00 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

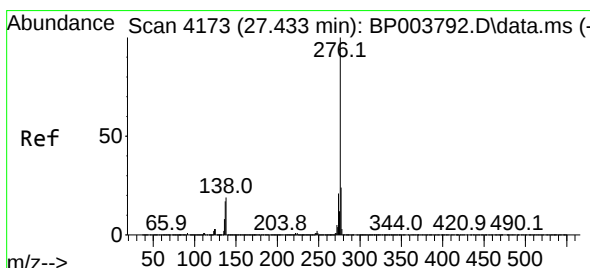
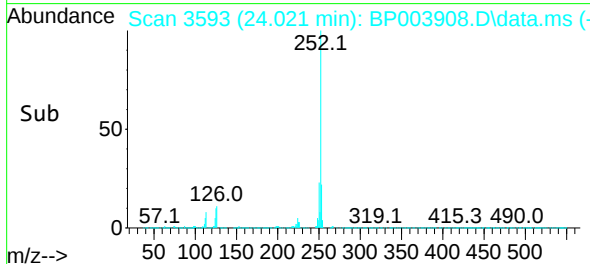
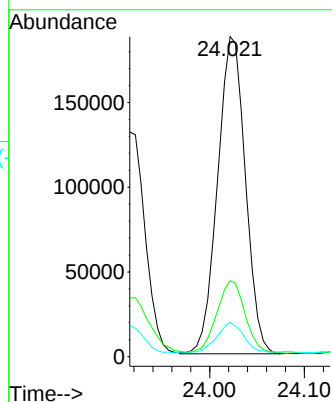
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:252 Resp: 382247
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.8 8.2 12.4

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#92
Benzo(g,h,i)perylene
Concen: 7.32 ng
RT: 27.468 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:276 Resp: 268989
Ion Ratio Lower Upper
276 100
277 26.6 19.0 28.6
138 20.9 16.6 24.8

