

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003326.D
 Acq On : 18 Sep 2020 17:41
 Operator : CG/JU
 Sample : L4059-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B33-091720-0-10

Manual Integrations
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Quant Time: Sep 18 18:59:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 14:13:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	197069	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	802607	20.00	ng	# 0.00
39) Acenaphthene-d10	14.246	164	484717	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	1008664	20.00	ng	0.00
76) Chrysene-d12	21.104	240	767452	20.00	ng	0.00
86) Perylene-d12	23.321	264	739576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.217	112	1241426	110.00	ng	0.00
7) Phenol-d6	6.799	99	1607855	106.88	ng	0.00
23) Nitrobenzene-d5	8.752	82	1055913	77.29	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	753626	101.94	ng	0.00
45) 2-Fluorobiphenyl	12.869	172	2488029	75.07	ng	0.00
79) Terphenyl-d14	19.586	244	2944543	79.94	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.710	163	532280	13.75	ng	99
71) Phenanthrene	17.045	178	295733	5.39	ng	99
75) Fluoranthene	19.028	202	285943	4.14	ng	99
78) Pyrene	19.381	202	276790	5.78	ng	100
81) Benzo(a)anthracene	21.086	228	113791	2.29	ng	97
83) Chrysene	21.139	228	98493m	2.07	ng	
88) Benzo(b)fluoranthene	22.657	252	118273m	2.53	ng	
90) Benzo(a)pyrene	23.221	252	100031	2.27	ng	# 92

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

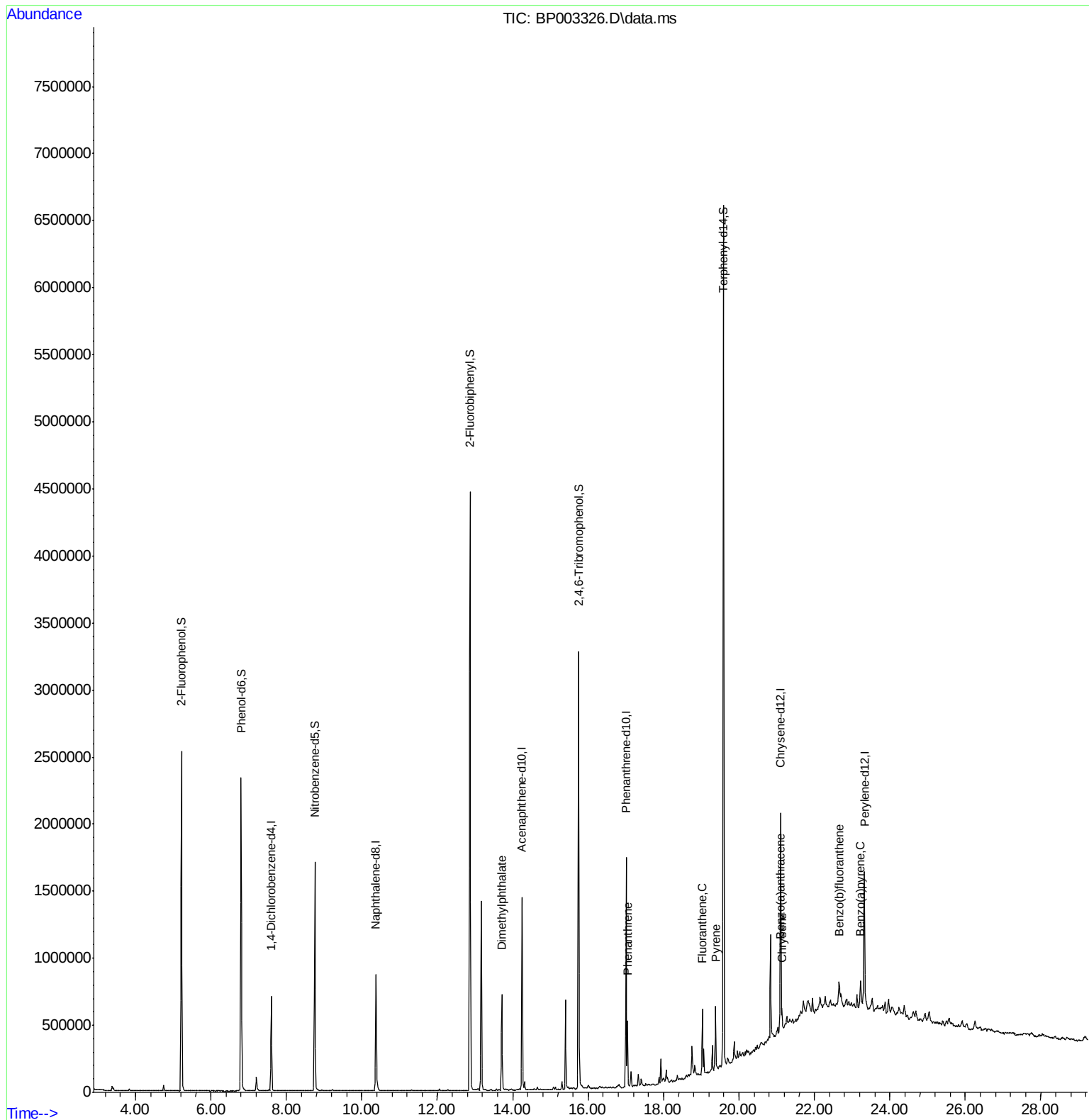
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Data File : BP003326.D
Acq On : 18 Sep 2020 17:41
Operator : CG/JU
Sample : L4059-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

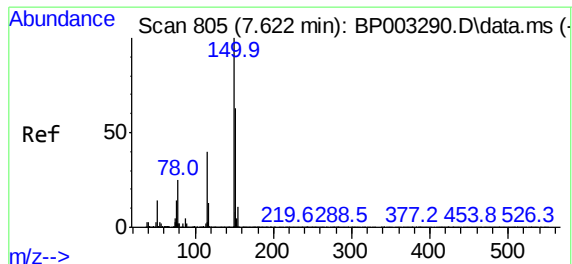
Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10

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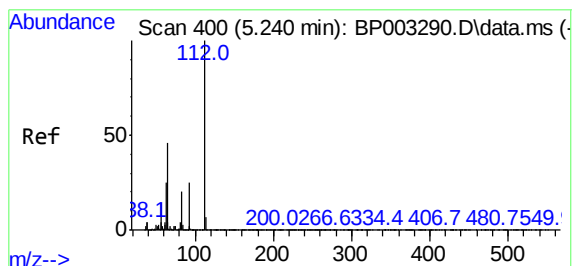
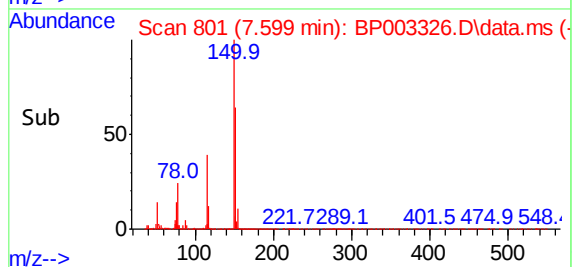
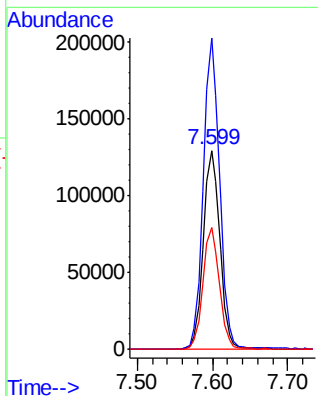
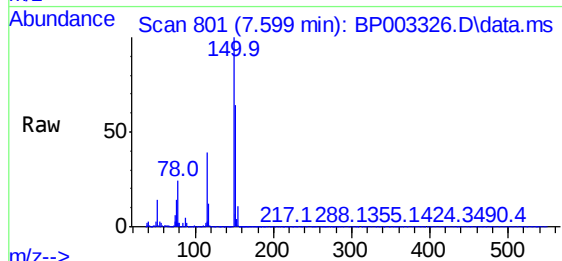
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.599 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP003326.D
 Acq: 18 Sep 2020 17:41

Tgt Ion:152 Resp: 197069
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.8 185.6
 115 61.1 43.8 65.6

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B33-091720-0-10

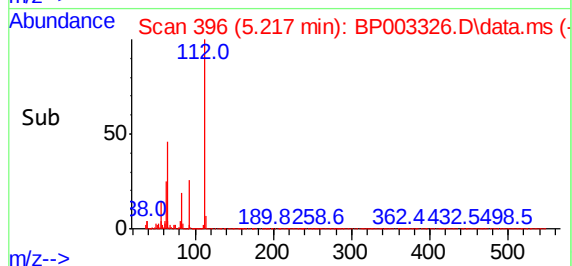
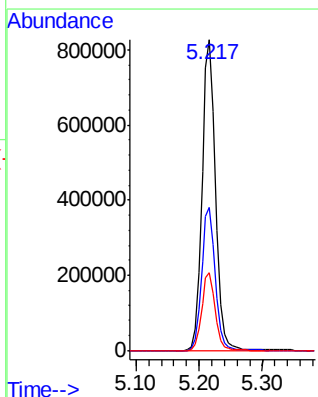
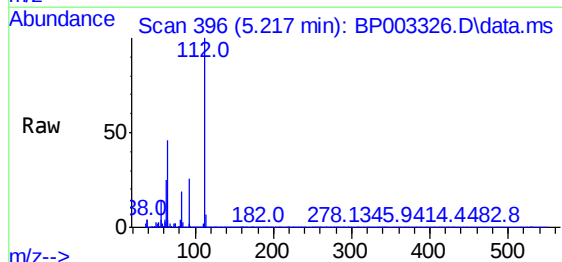
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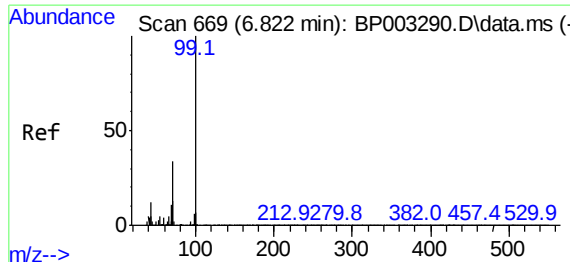
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#5
 2-Fluorophenol
 Concen: 110.00 ng
 RT: 5.217 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: BP003326.D
 Acq: 18 Sep 2020 17:41

Tgt Ion:112 Resp: 1241426
 Ion Ratio Lower Upper
 112 100
 64 45.9 32.8 49.2
 63 24.9 17.0 25.4



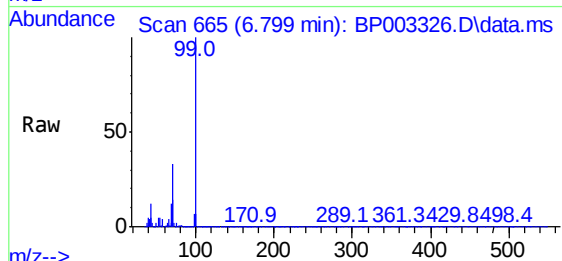


#7
Phenol-d6
Concen: 106.88 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

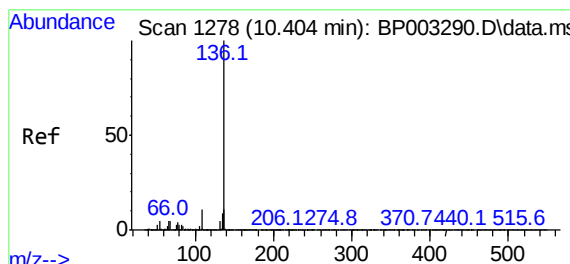
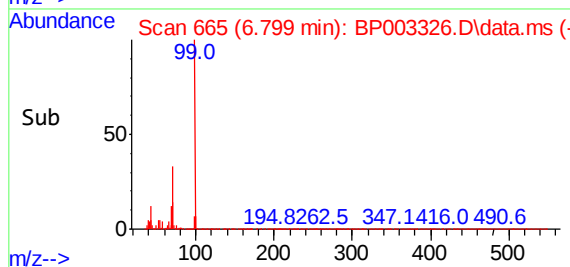
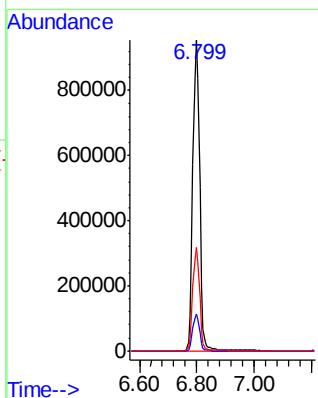
Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10

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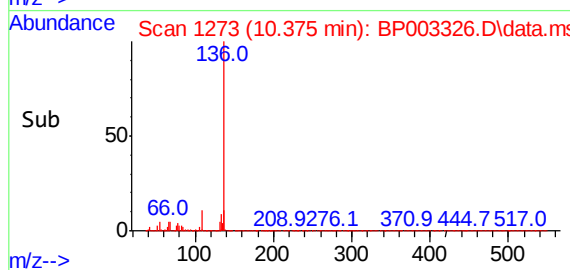
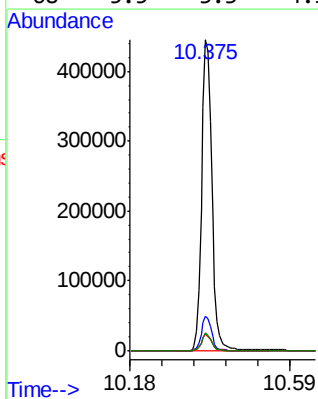
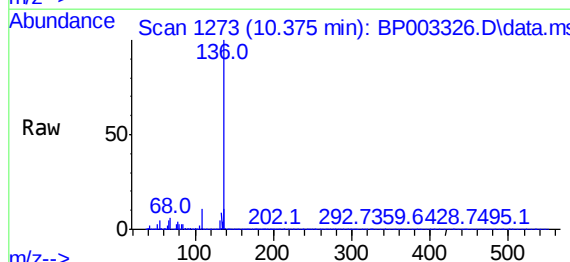


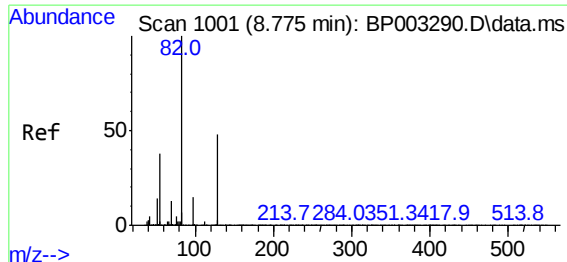
Tgt Ion: 99 Resp: 1607855
Ion Ratio Lower Upper
99 100
42 11.7 8.6 13.0
71 33.2 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion: 136 Resp: 802607
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 5.1 3.6 5.4
68 5.5 3.3 4.9#





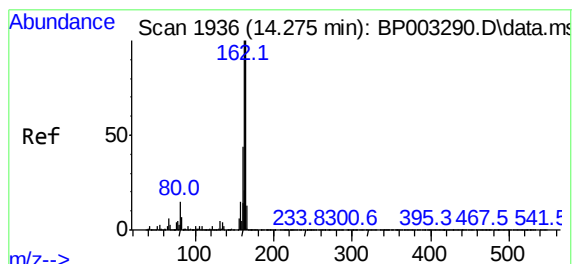
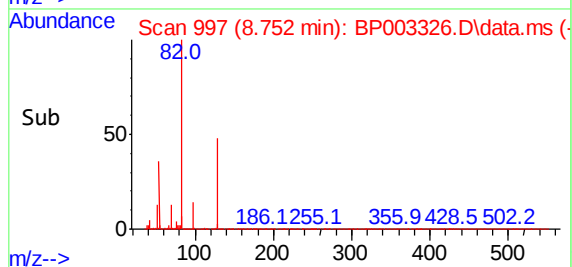
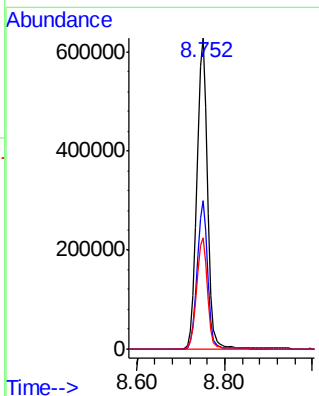
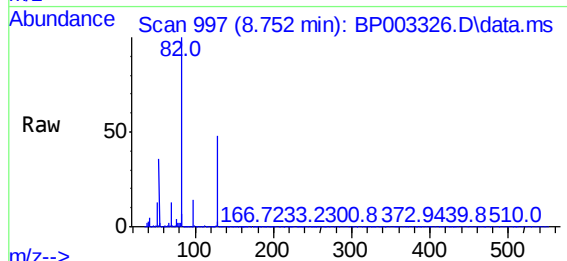
#23
Nitrobenzene-d5
Concen: 77.29 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10

Tgt Ion: 82 Resp: 1055913
Ion Ratio Lower Upper
82 100
128 47.7 45.6 68.4
54 35.9 30.1 45.1

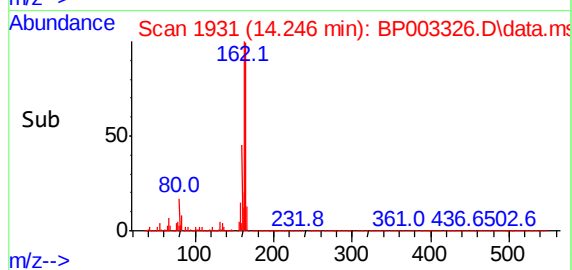
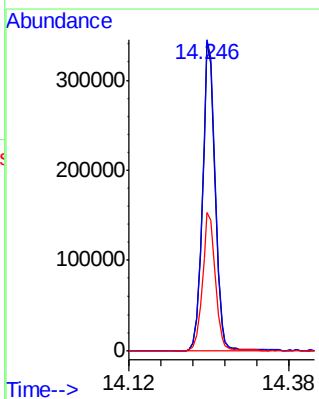
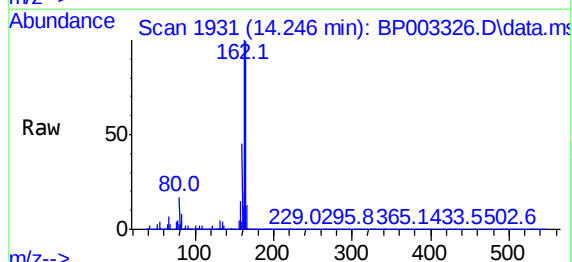
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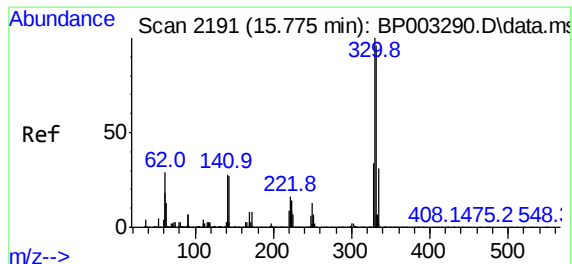
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.246 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion: 164 Resp: 484717
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 45.0 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 101.94 ng
RT: 15.745 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

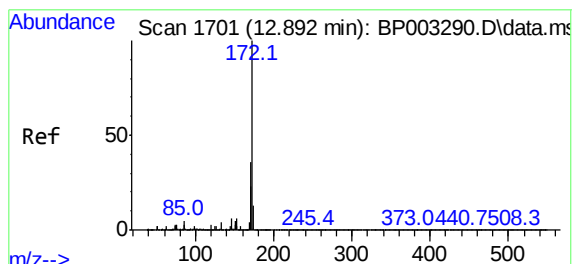
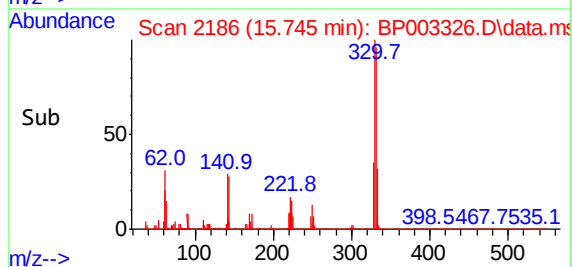
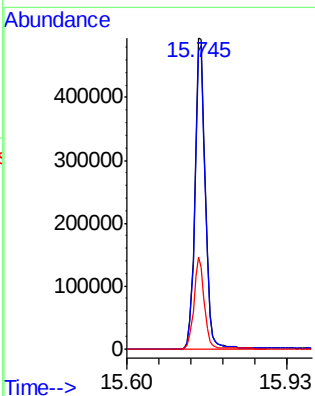
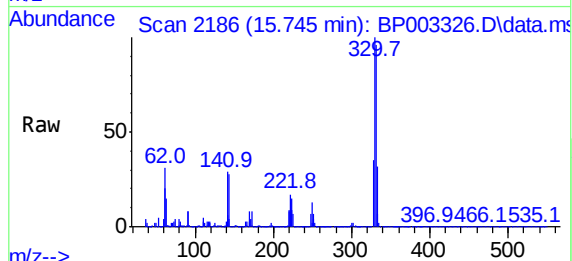
Tgt Ion: 330 Resp: 753626

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.1	23.4	35.2

Instrument :
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ClientSampleId :
PAV-B33-091720-0-10

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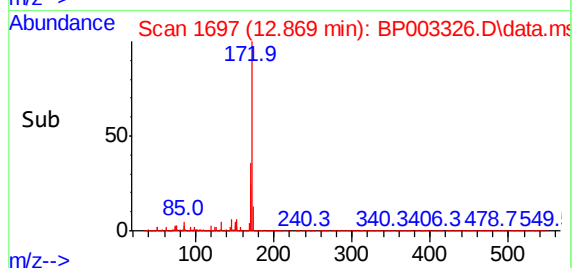
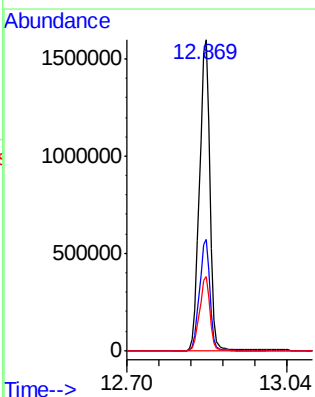
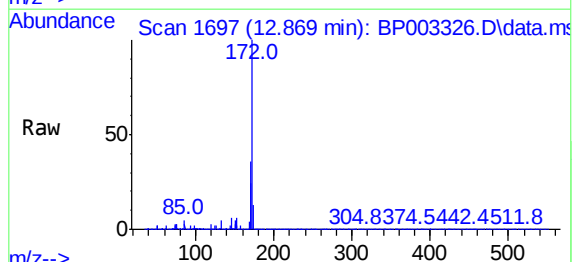
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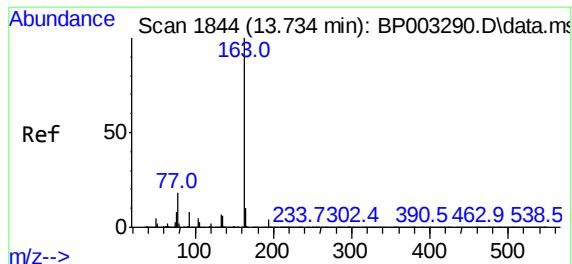


#45
2-Fluorobiphenyl
Concen: 75.07 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion: 172 Resp: 2488029

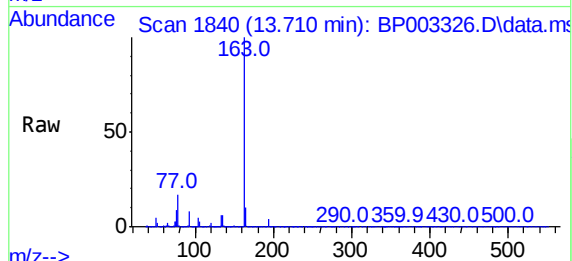
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.8	19.2	28.8





#50
Dimethylphthalate
Concen: 13.75 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

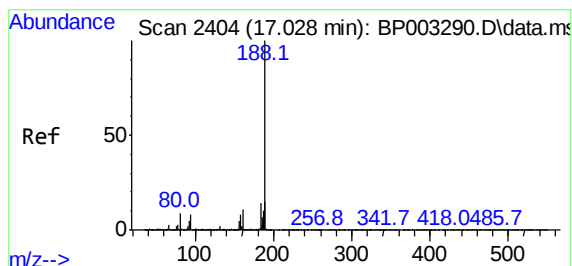
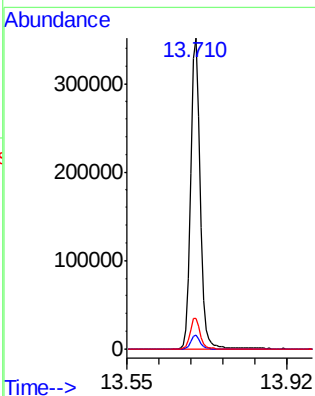
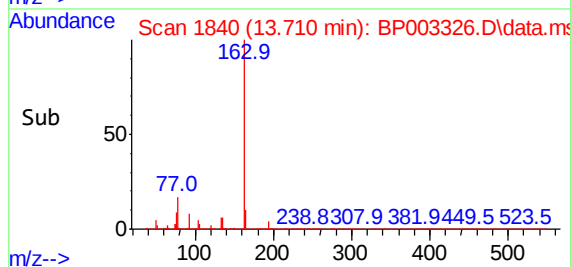
Instrument :
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ClientSampleId :
PAV-B33-091720-0-10



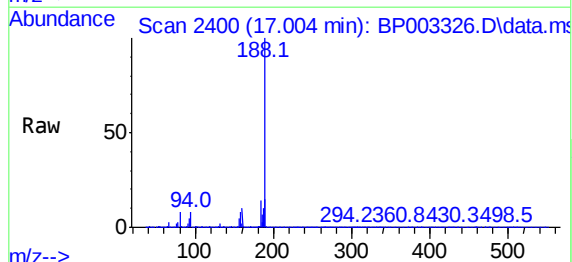
Tgt Ion:163 Resp: 532280
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.9 8.2 12.2

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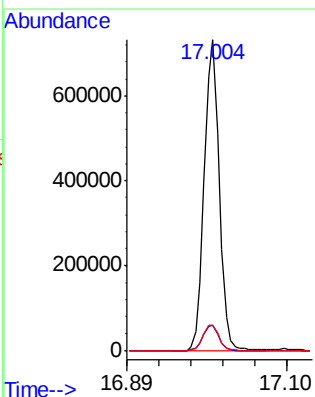
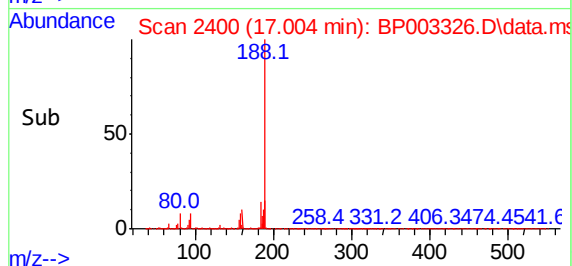
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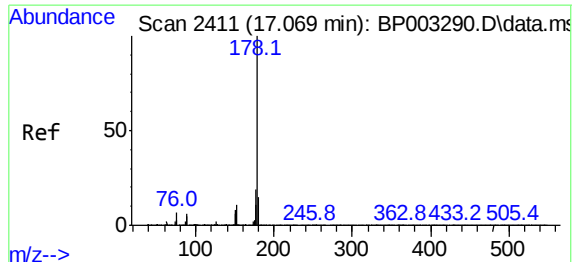


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41



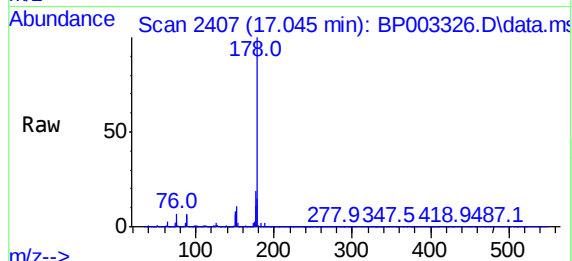
Tgt Ion:188 Resp: 1008664
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.3 6.2 9.2





#71
Phenanthrene
Concen: 5.39 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10

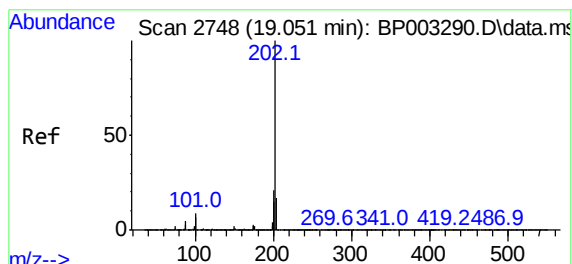
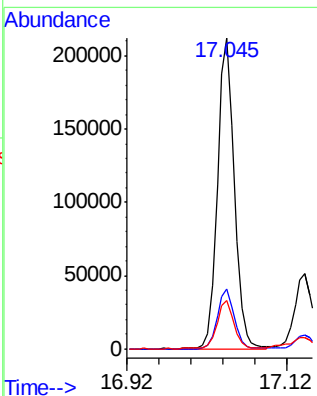
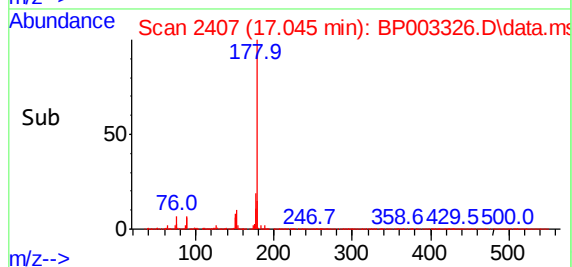


Tgt Ion:178 Resp: 295733

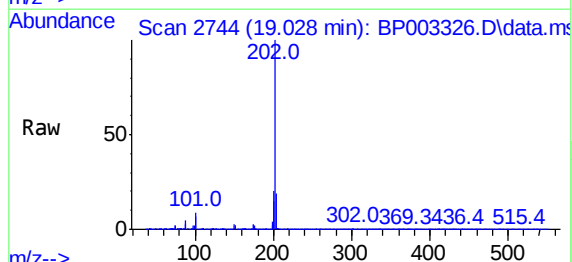
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.5	18.7

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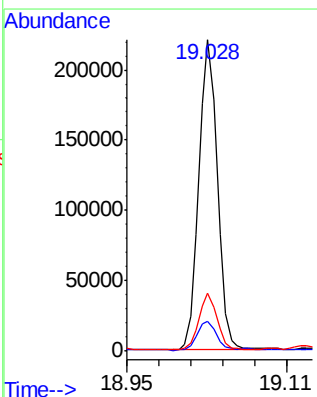
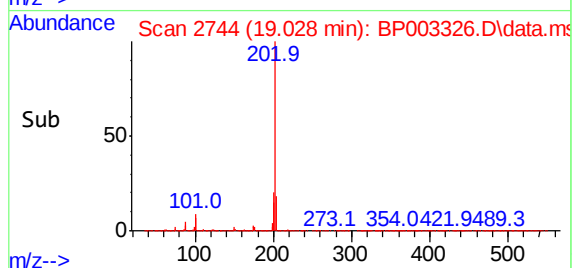


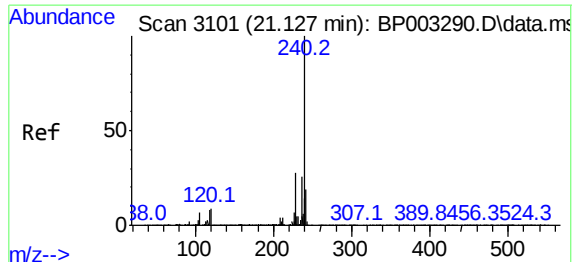
#75
Fluoranthene
Concen: 4.14 ng
RT: 19.028 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41



Tgt Ion:202 Resp: 285943

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	18.5	0.0	37.8





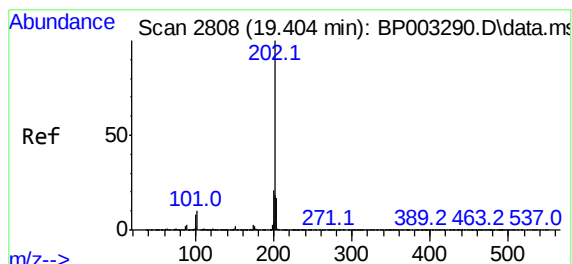
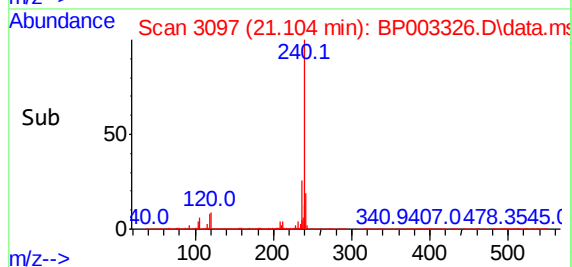
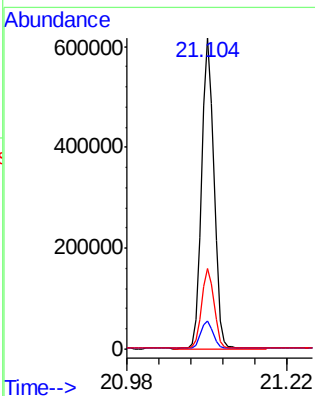
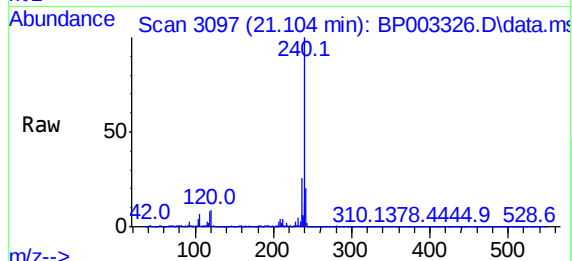
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion:	240	Resp:	767452
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.8	11.6
236	25.9	20.8	31.2

Instrument :
BNA_P
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PAV-B33-091720-0-10

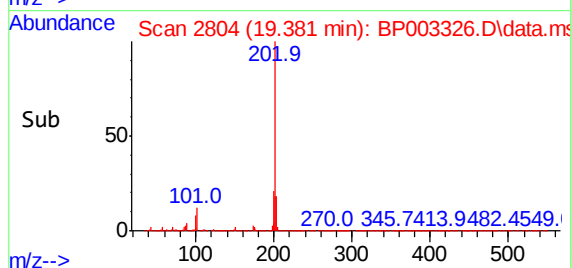
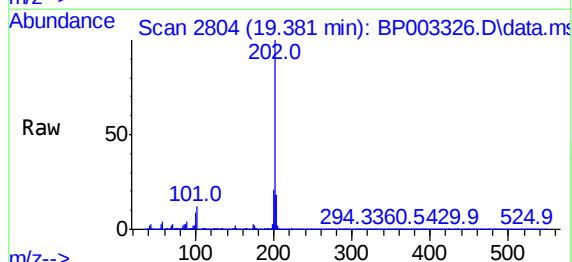
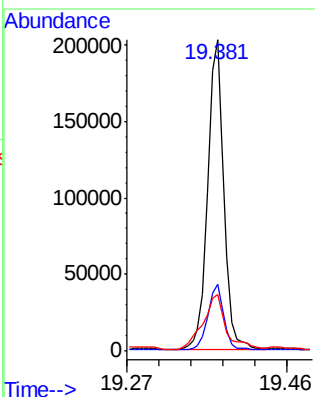
Manual Integrations
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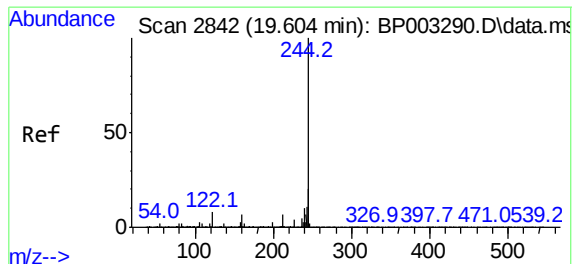
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#78
Pyrene
Concen: 5.78 ng
RT: 19.381 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

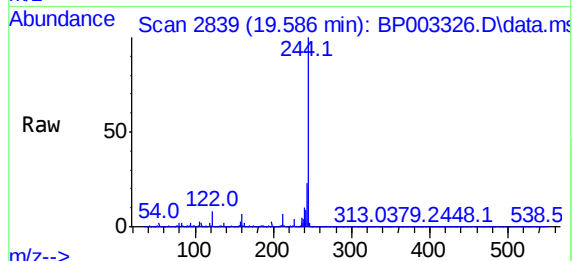
Tgt Ion:	202	Resp:	276790
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.1	25.7
203	18.1	14.2	21.2





#79
Terphenyl-d14
Concen: 79.94 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

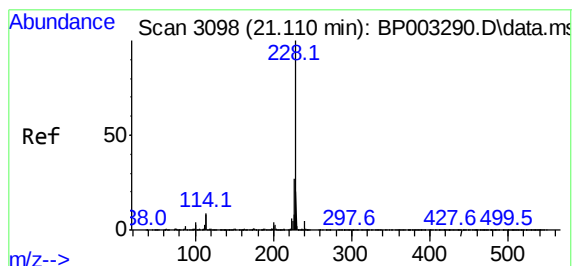
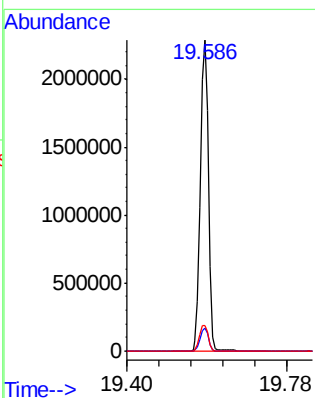
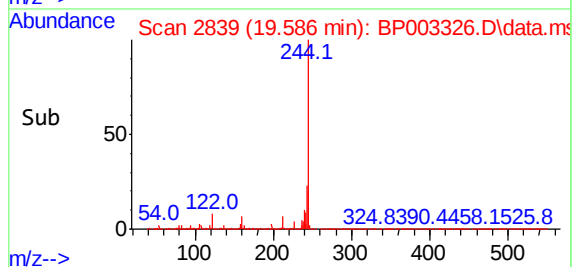
Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10



Tgt Ion:244 Resp: 2944543
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.0 7.8 11.8

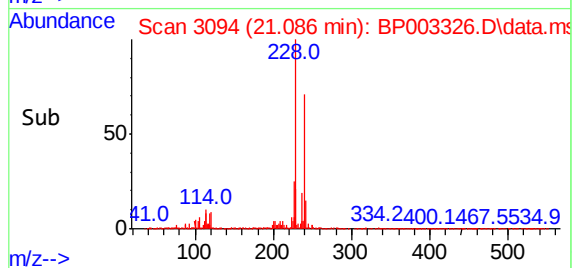
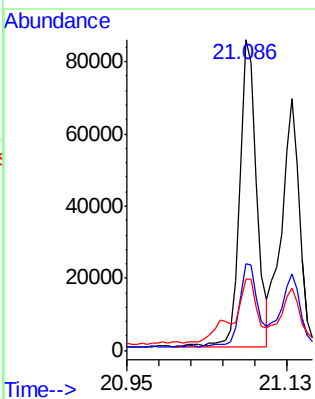
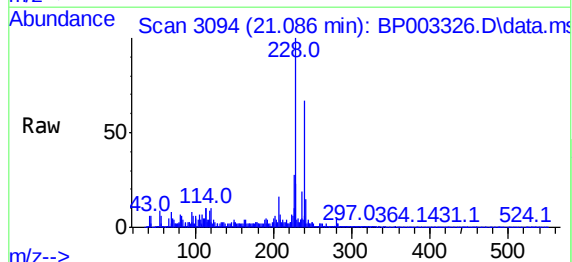
Manual Integrations
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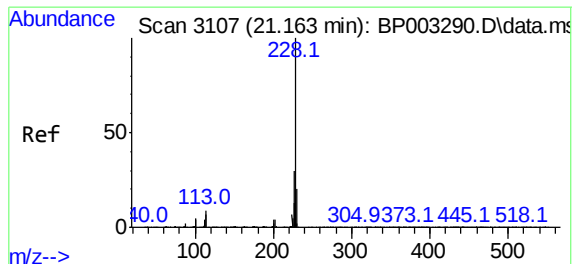
mohammad
9/21/2020 10:35:50 AM



#81
Benzo(a)anthracene
Concen: 2.29 ng
RT: 21.086 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion:228 Resp: 113791
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 23.0 15.9 23.9





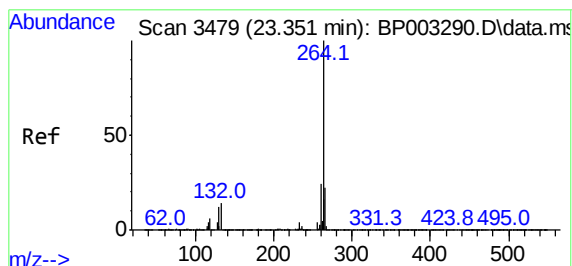
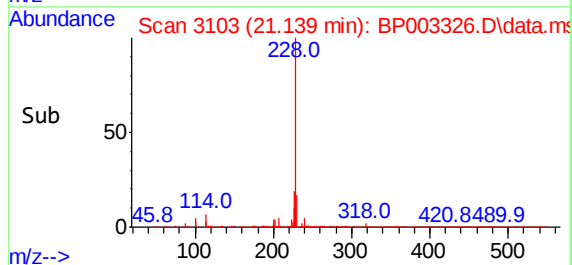
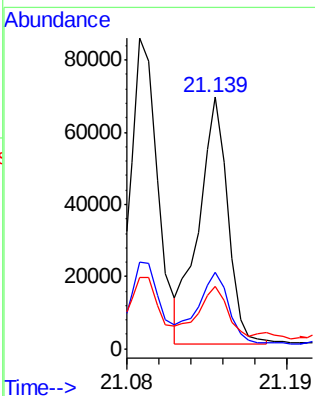
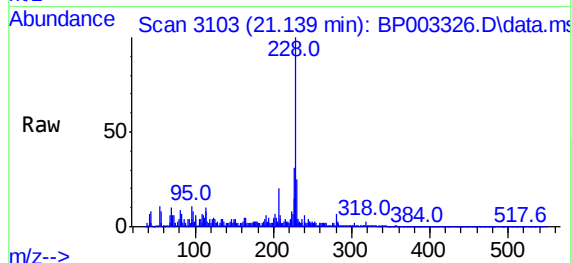
#83
Chrysene
Concen: 2.07 ng m
RT: 21.139 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion:	228	Resp:	98493
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	24.7	15.8	23.6#

Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10

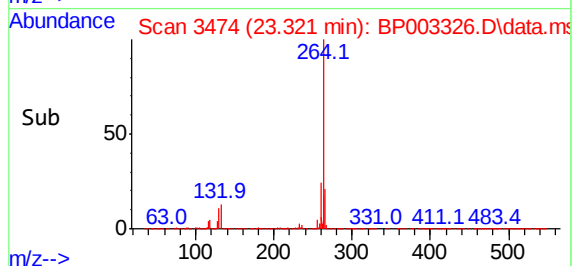
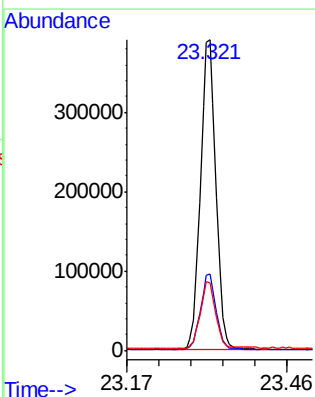
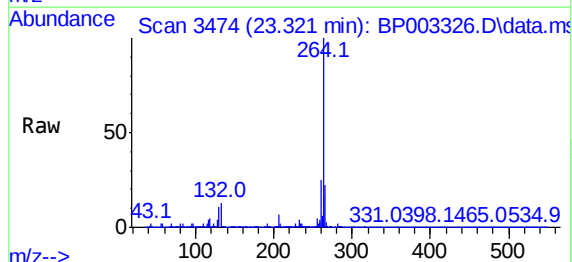
Manual Integrations
APPROVED

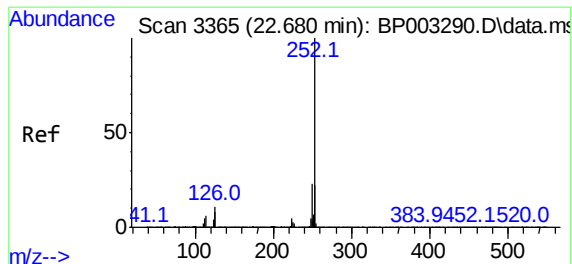
mohammad
9/21/2020 10:35:50 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion:	264	Resp:	739576
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.8	28.2
265	21.8	17.4	26.2





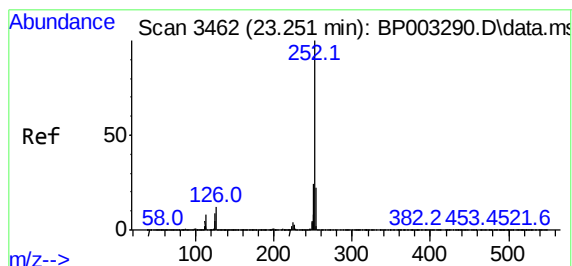
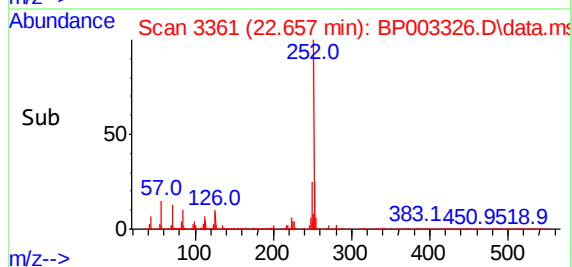
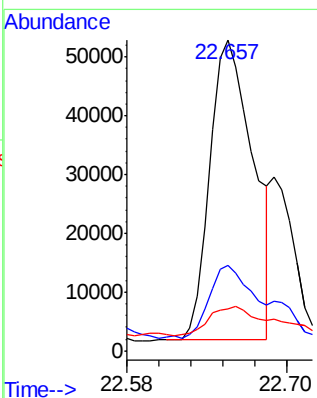
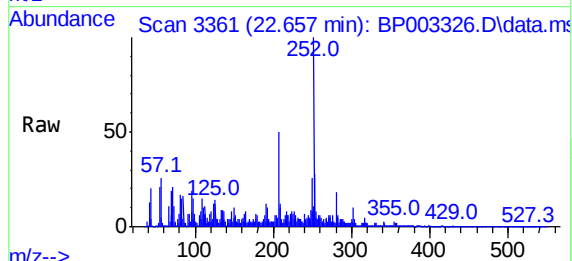
#88
Benzo(b)fluoranthene
Concen: 2.53 ng m
RT: 22.657 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion:252 Resp: 118273
Ion Ratio Lower Upper
252 100
253 27.5 17.6 26.4#
125 13.5 7.3 10.9#

Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-0-10

Manual Integrations
APPROVED

mohammad
9/21/2020 10:35:50 AM



#90
Benzo(a)pyrene
Concen: 2.27 ng
RT: 23.221 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BP003326.D
Acq: 18 Sep 2020 17:41

Tgt Ion:252 Resp: 100031
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 13.7 8.2 12.4#

