

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003276.D
 Acq On : 14 Sep 2020 19:31
 Operator : CG/JU
 Sample : L3993-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B38-091120-0-10

Manual Integrations
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Quant Time: Sep 23 07:25:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	191045	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	758691	20.00	ng	-0.02
39) Acenaphthene-d10	14.28	164	457586	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	912172	20.00	ng	0.00
76) Chrysene-d12	21.13	240	725572	20.00	ng	-0.01
86) Perylene-d12	23.36	264	842353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	848951	78.57	ng	0.00
7) Phenol-d6	6.83	99	1024127	75.61	ng	0.00
23) Nitrobenzene-d5	8.79	82	635524	60.39	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	531067	85.81	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	1786921	57.19	ng	-0.01
79) Terphenyl-d14	19.62	244	2080704	63.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	224440	6.432	ng	99
71) Phenanthrene	17.08	178	649054	13.132	ng	100
72) Anthracene	17.17	178	192041	4.060	ng	100
75) Fluoranthene	19.06	202	1214058	21.252	ng	99
78) Pyrene	19.41	202	1128638	23.967	ng	100
81) Benzo(a)anthracene	21.12	228	561466	12.354	ng	99
83) Chrysene	21.17	228	492807	11.325	ng	97
87) Indeno(1,2,3-cd)pyrene	25.63	276	440344	7.010	ng	95
88) Benzo(b)fluoranthene	22.70	252	773628m	14.777	ng	
89) Benzo(k)fluoranthene	22.73	252	203125m	4.061	ng	
90) Benzo(a)pyrene	23.27	252	617170	12.706	ng	98
91) Dibenzo(a,h)anthracene	25.64	278	107808m	2.089	ng	
92) Benzo(a,h,i)perylene	26.33	276	441187	8.519	ng	98

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

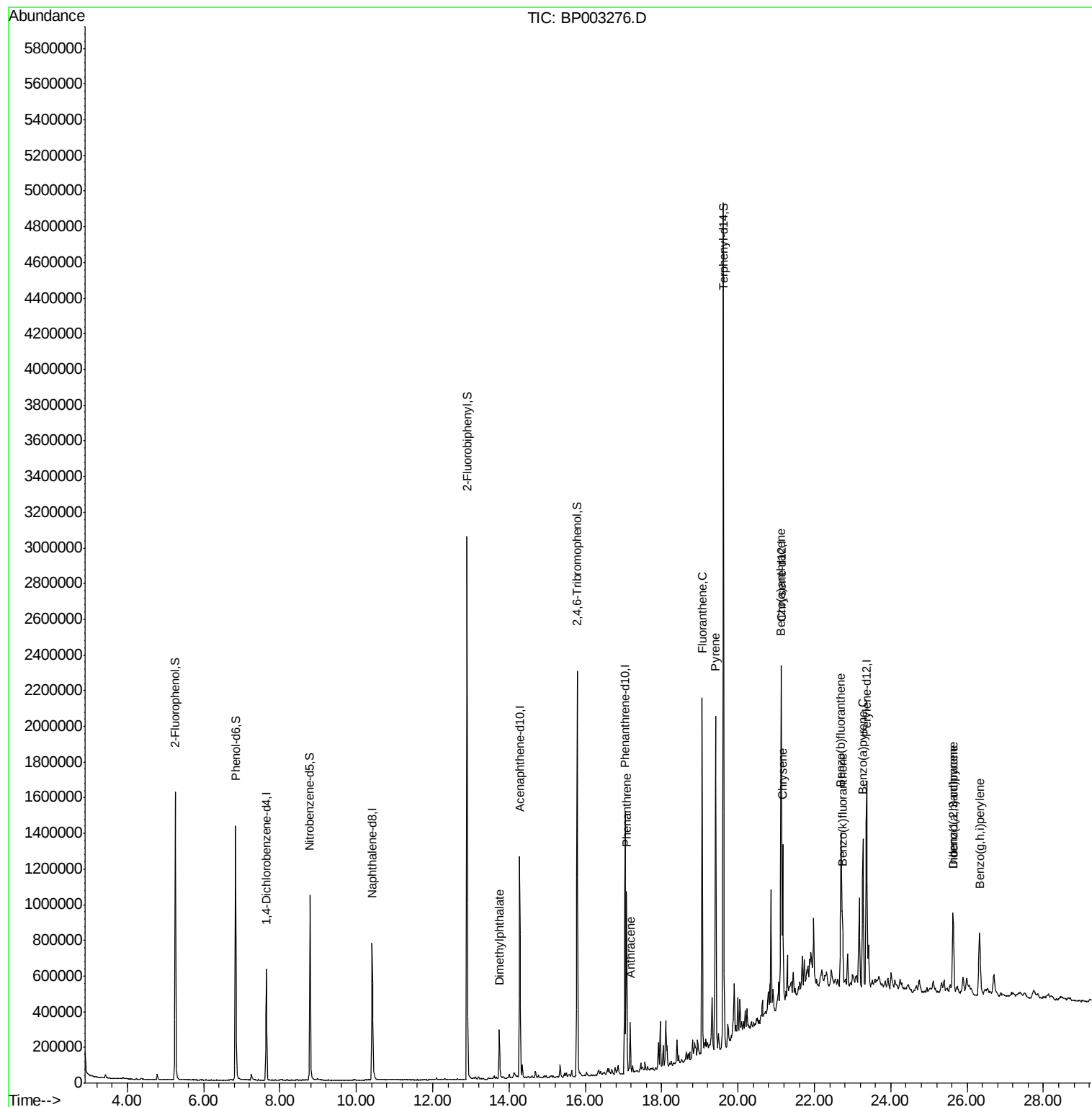
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003276.D
Acq On : 14 Sep 2020 19:31
Operator : CG/JU
Sample : L3993-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

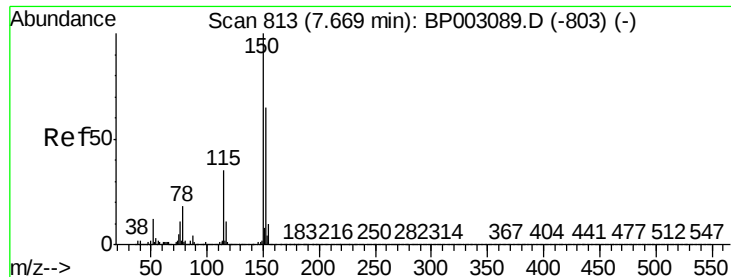
Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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#1

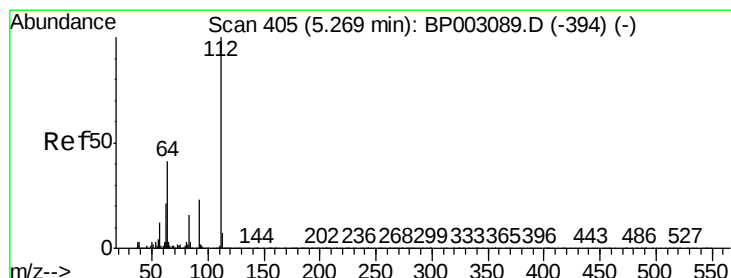
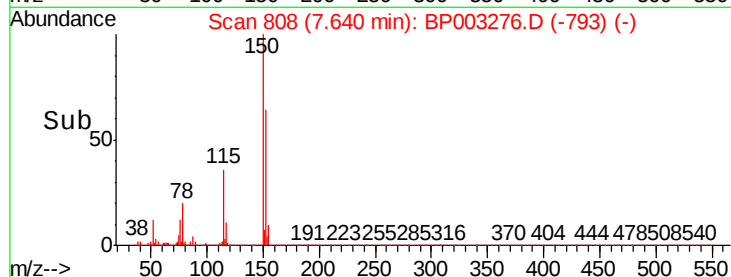
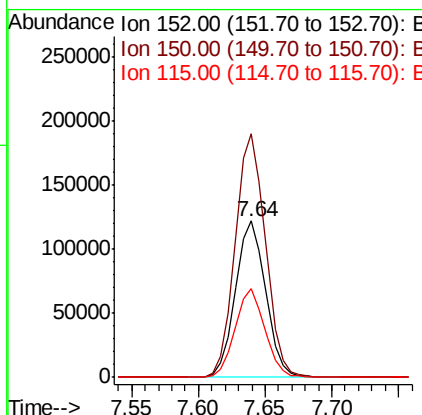
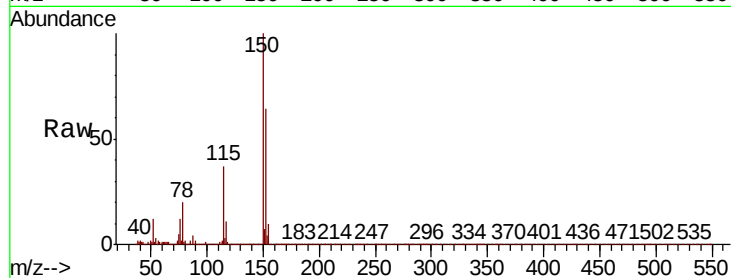
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	56.9	43.8	65.6

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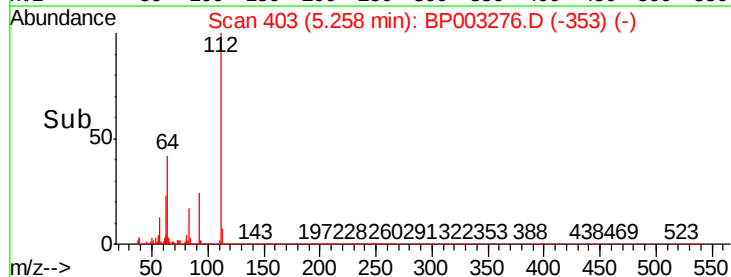
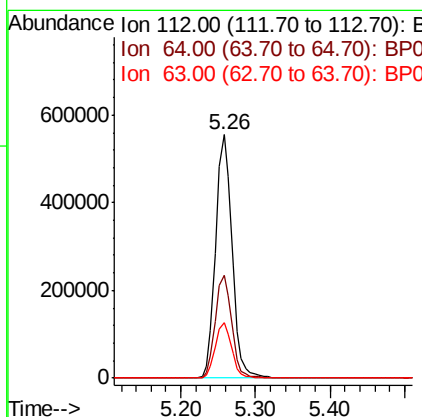
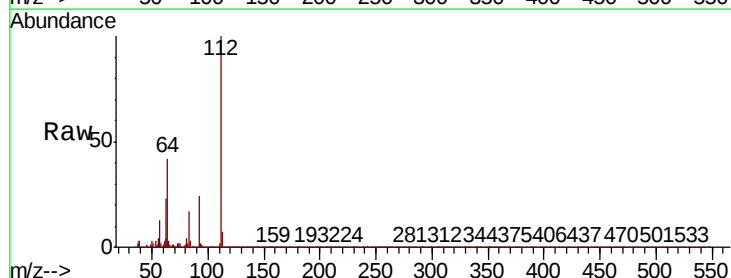
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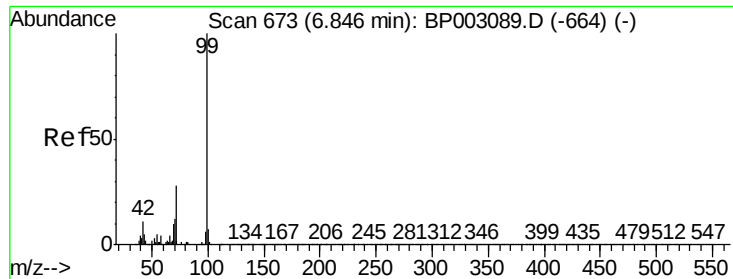


#5

2-Fluorophenol
Concen: 78.566 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	32.8	49.2
63	22.6	17.0	25.4





#7

Phenol-d6

Concen: 75.606 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003276.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_P

ClientSampleId :

PAV-B38-091120-0-10

Tot Ion: 99 Resp: 1024127

Ion Ratio Lower Upper

99 100

42 11.5 8.6 13.0

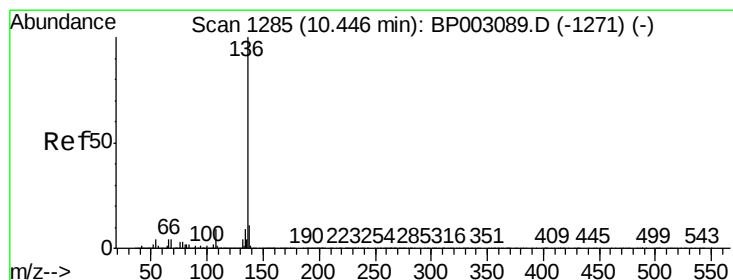
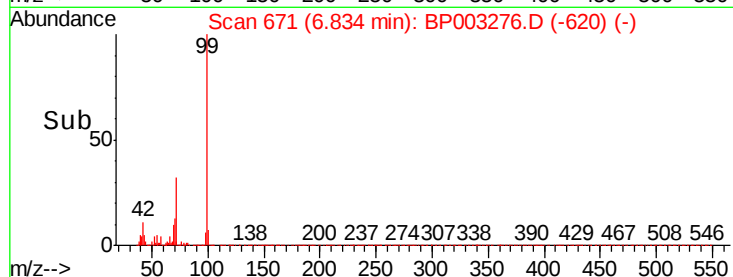
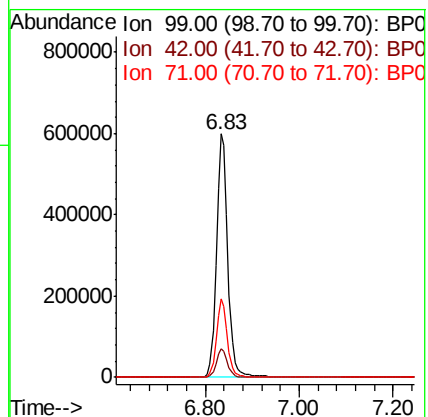
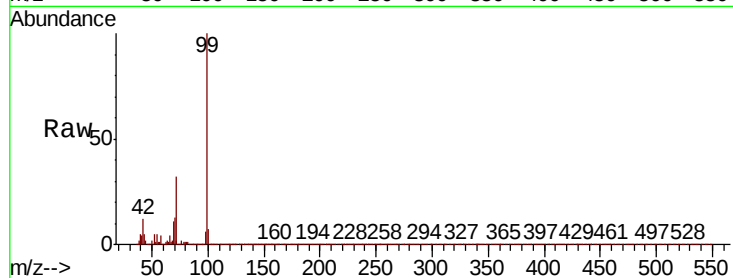
71 32.1 23.4 35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BP003276.D

Acq: 14 Sep 2020 19:31

Tgt Ion: 136 Resp: 758691

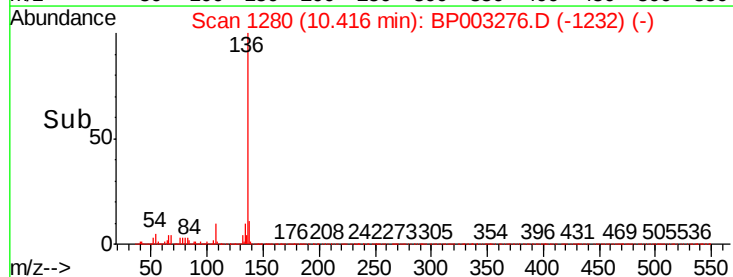
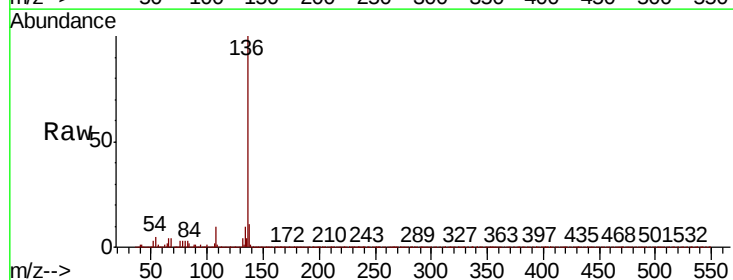
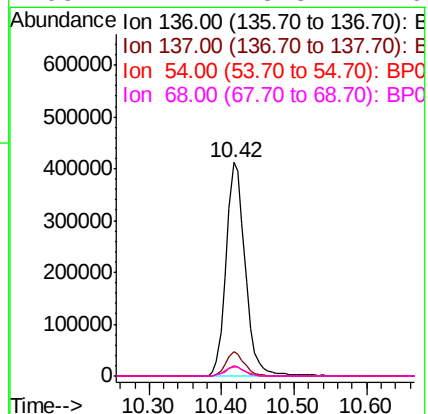
Ion Ratio Lower Upper

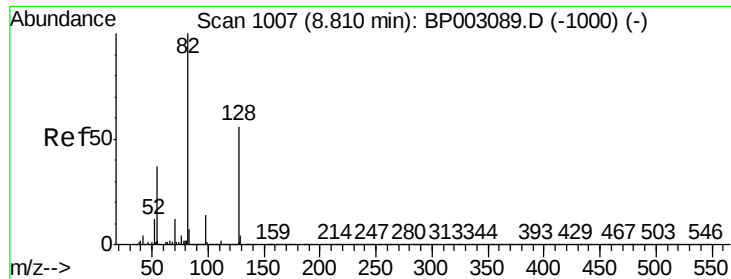
136 100

137 11.3 8.6 13.0

54 4.8 3.6 5.4

68 4.4 3.3 4.9





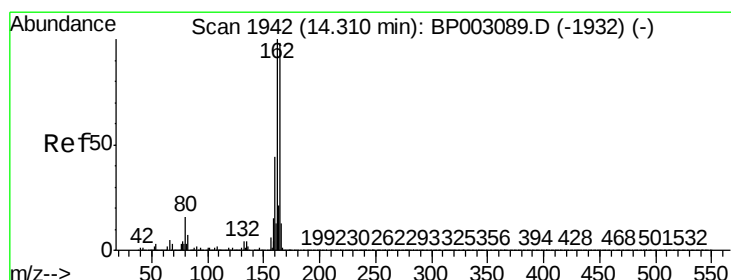
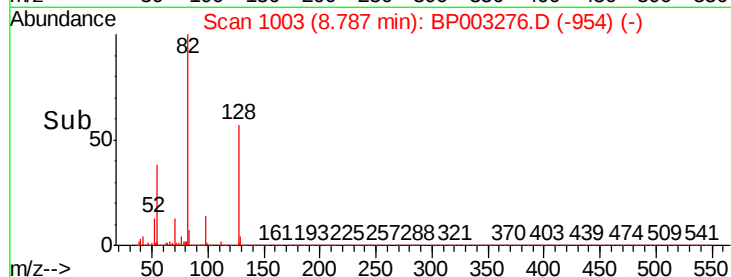
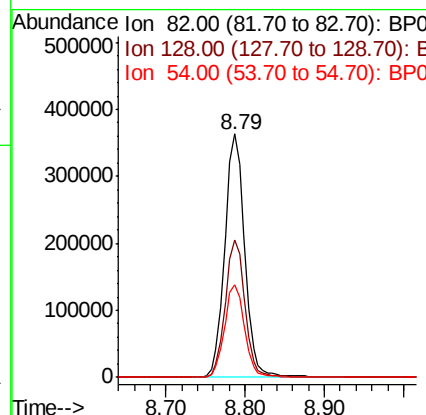
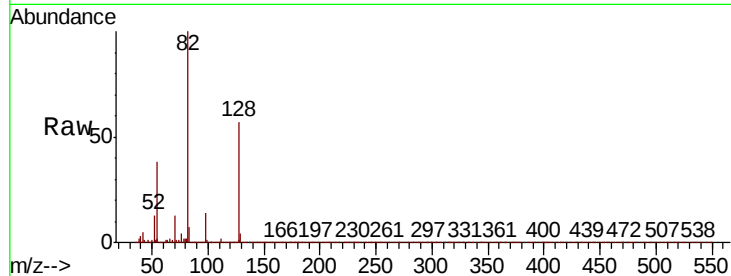
#23
 Nitrobenzene-d5
 Concen: 60.387 ng
 RT: 8.79 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BP003276.D
 Acq: 14 Sep 2020 19:31

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.6	45.6	68.4
54	38.2	30.1	45.1

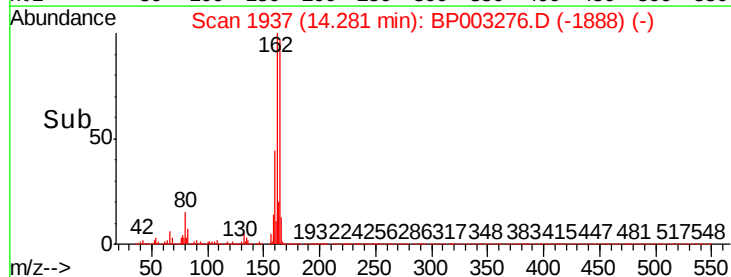
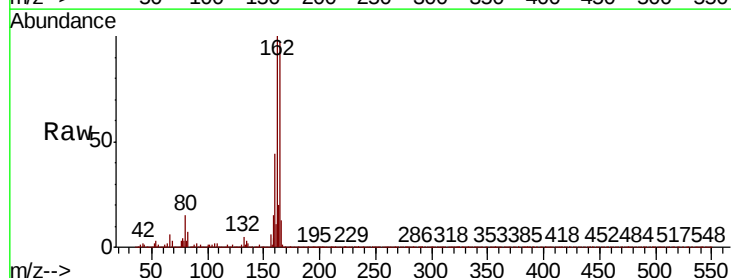
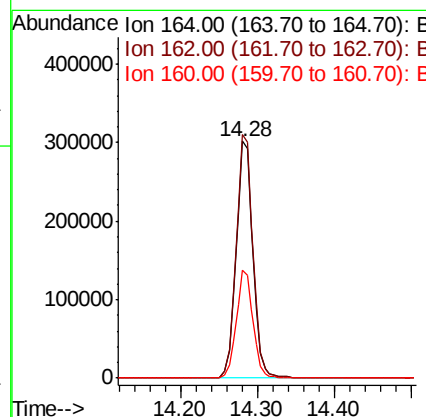
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BP003276.D
 Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.4	119.2
160	45.6	36.1	54.1





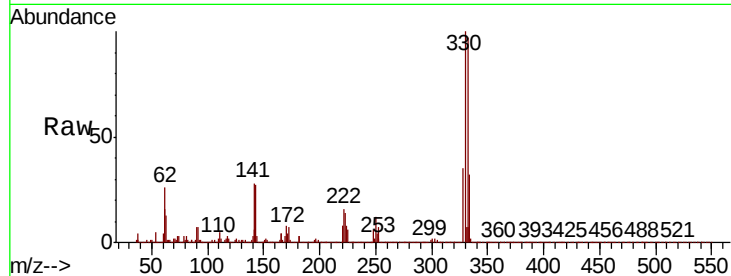
#42
 2,4,6-Tribromophenol
 Concen: 85.812 ng
 RT: 15.78 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BP003276.D
 Acq: 14 Sep 2020 19:31

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B38-091120-0-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	531067		
332	96.8	77.1	115.7	
141	28.1	23.4	35.2	

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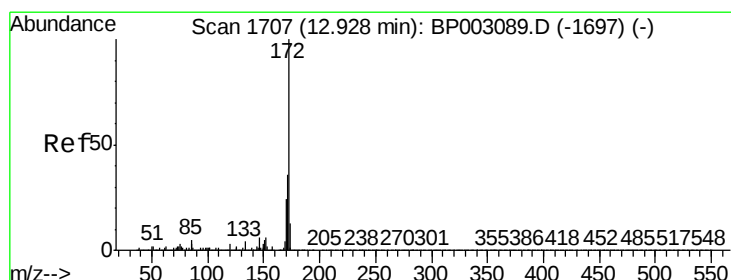
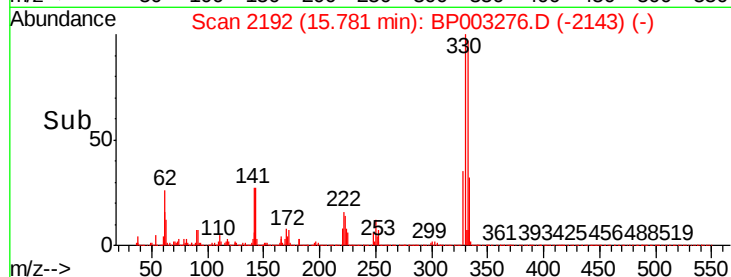
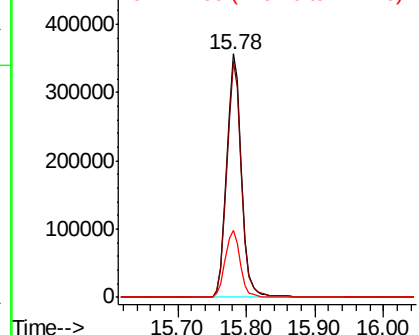


Abundance

Ion 329.80 (329.50 to 330.50): E

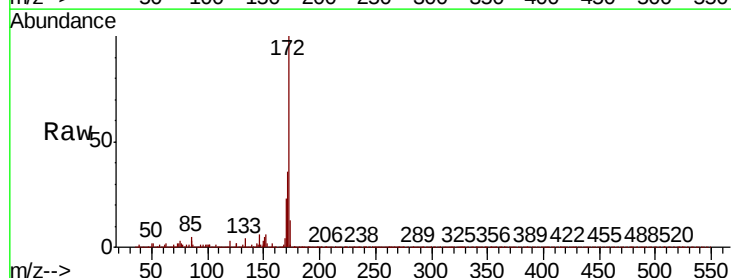
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 57.188 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BP003276.D
 Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1786921		
171	35.8	28.5	42.7	
170	23.2	19.2	28.8	

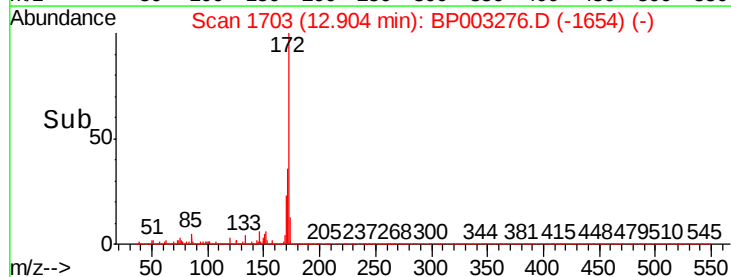
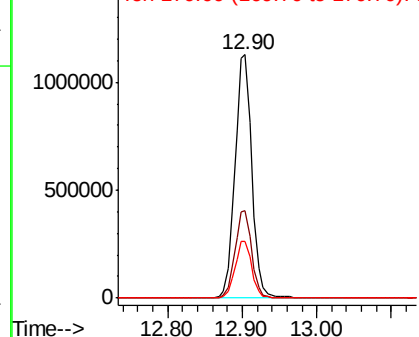


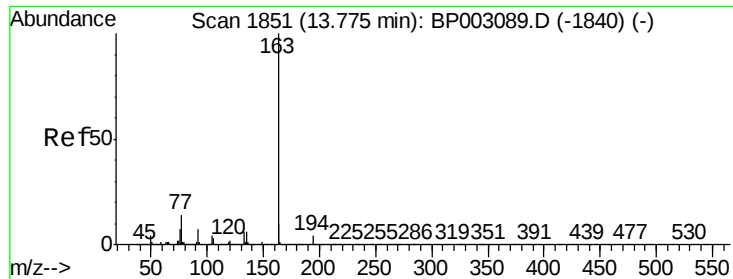
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





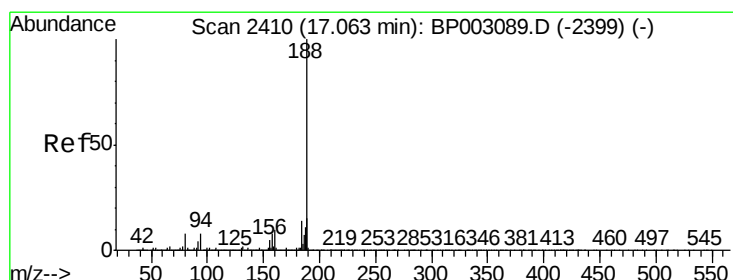
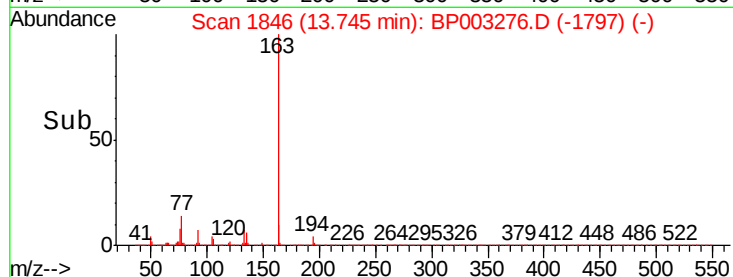
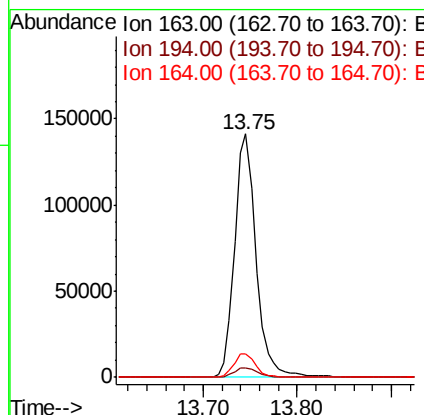
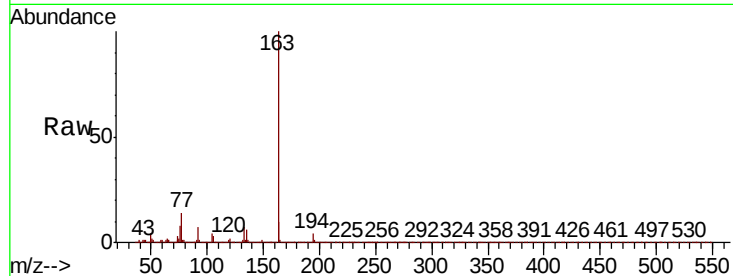
#50
Dimethylphthalate
Concen: 6.432 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.2	12.2

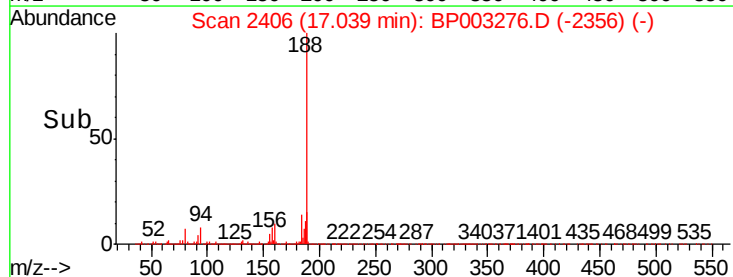
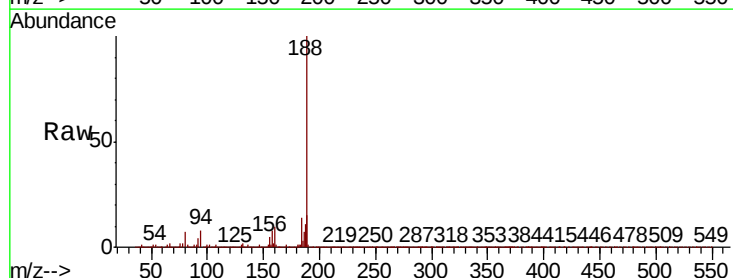
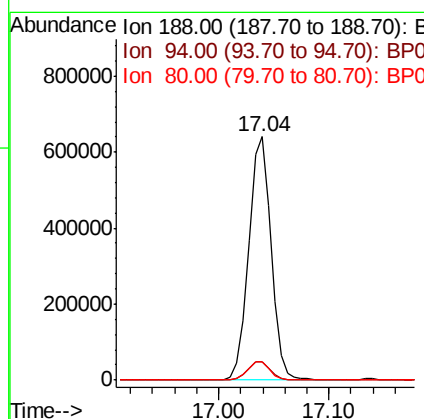
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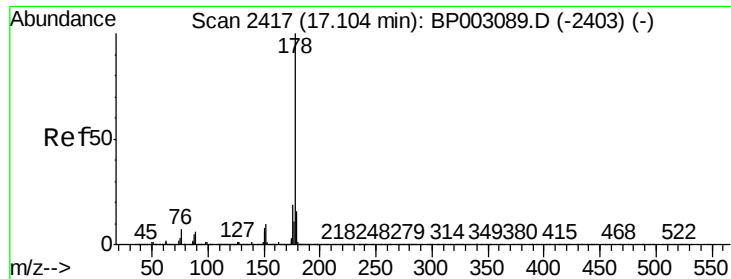
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.2
80	7.3	6.2	9.2





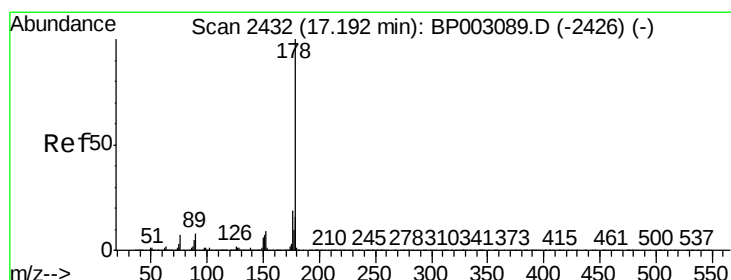
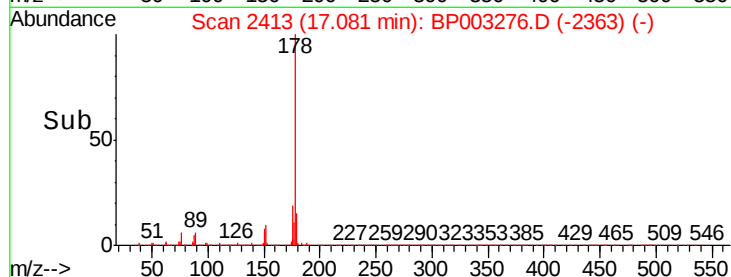
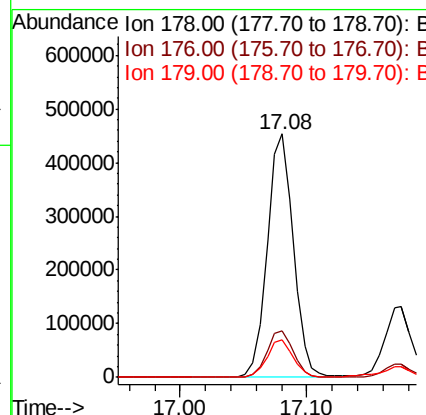
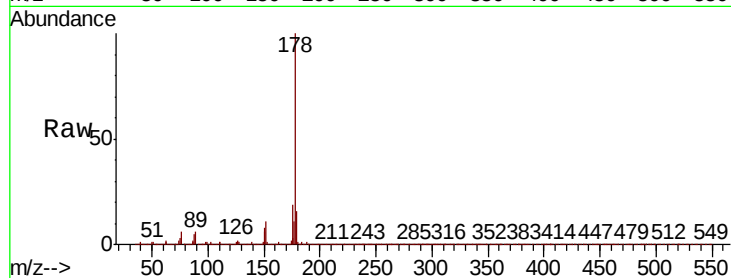
#71
Phenanthrene
Concen: 13.132 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.5	18.7

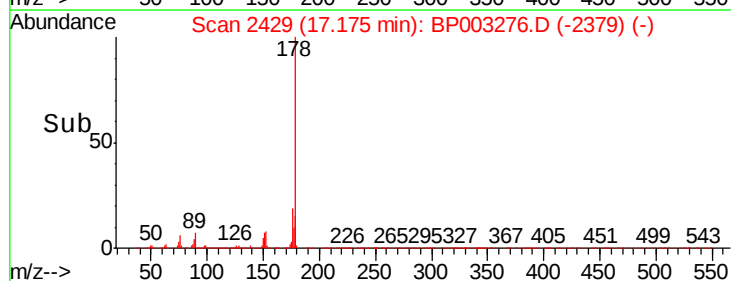
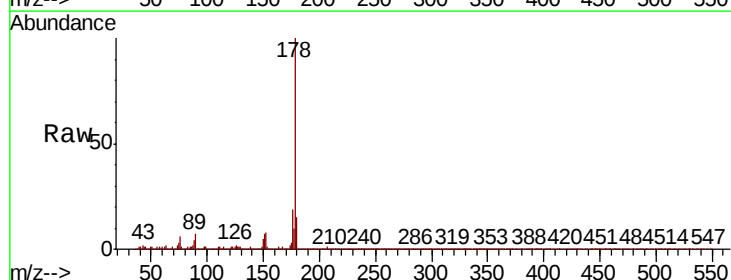
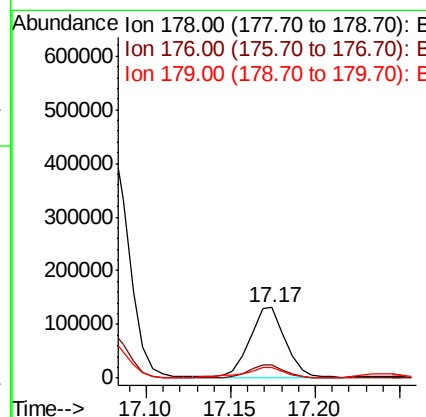
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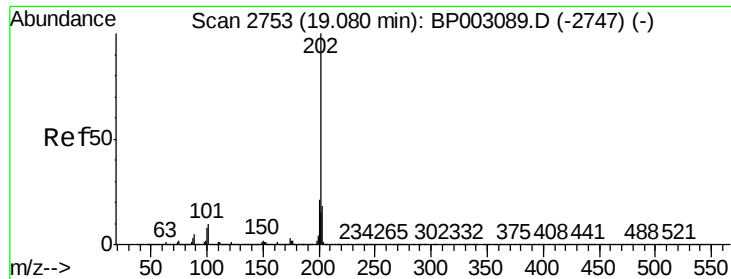
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#72
Anthracene
Concen: 4.060 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.5	18.7





#75

Fluoranthene

Concen: 21.252 ng

RT: 19.06 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BP003276.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_P

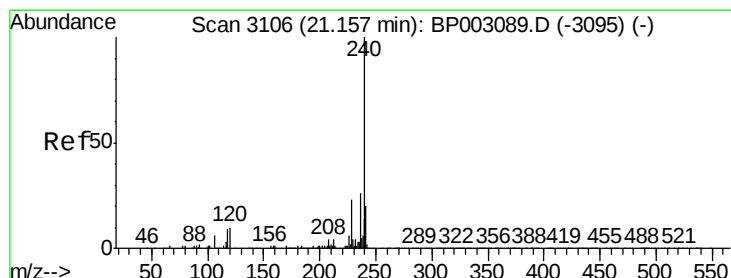
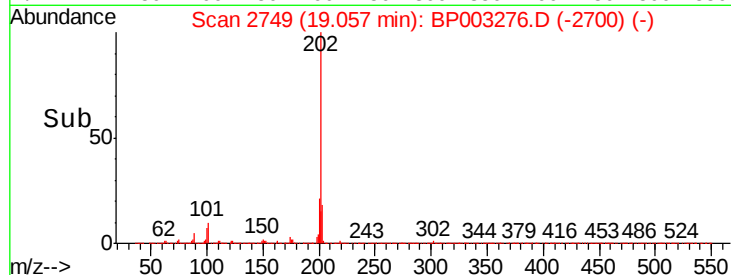
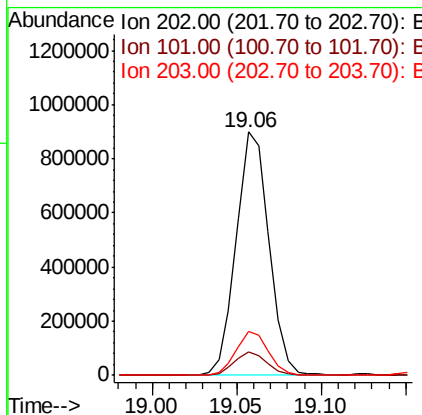
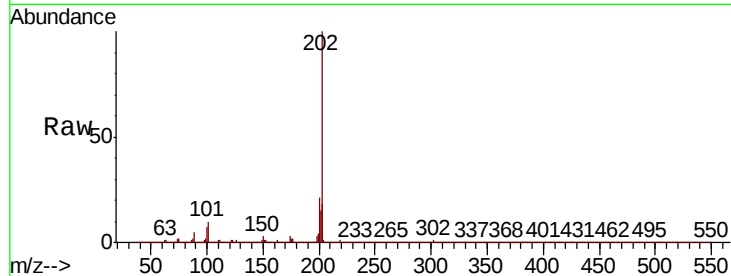
ClientSampleId :

PAV-B38-091120-0-10

Tot Ion:	202	Resp:	1214058
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.4
203	17.9	0.0	37.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

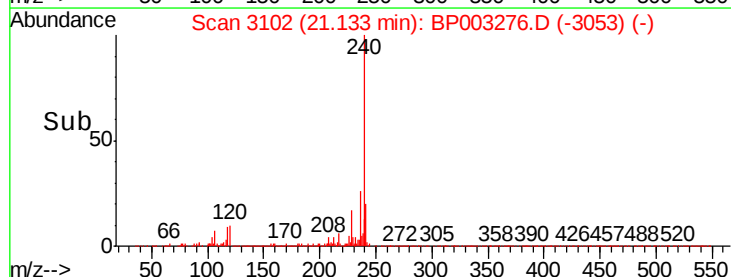
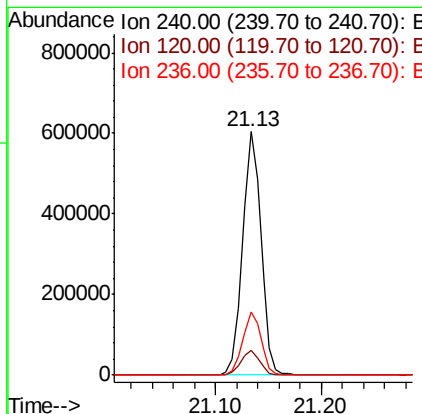
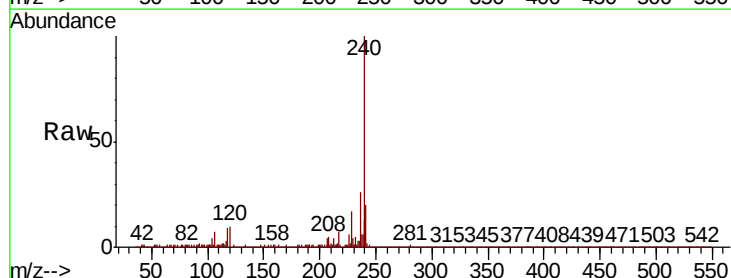
RT: 21.13 min Scan# 3102

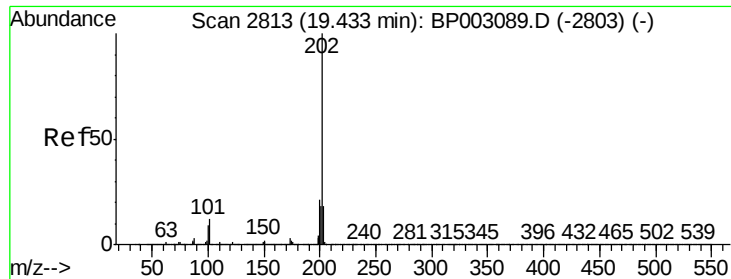
Delta R.T. -0.01 min

Lab File: BP003276.D

Acq: 14 Sep 2020 19:31

Tgt Ion:	240	Resp:	725572
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	26.0	20.8	31.2





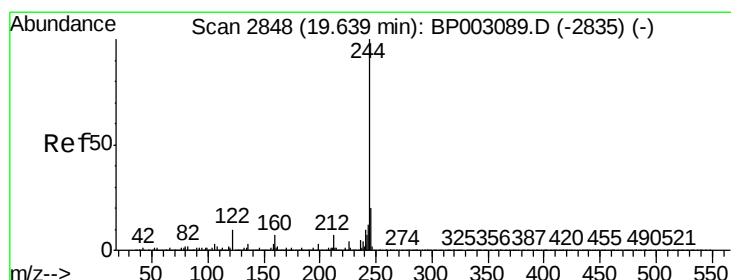
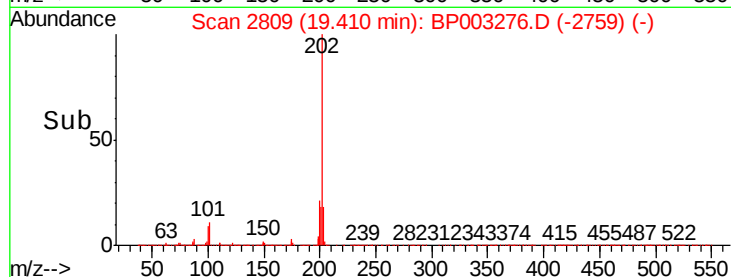
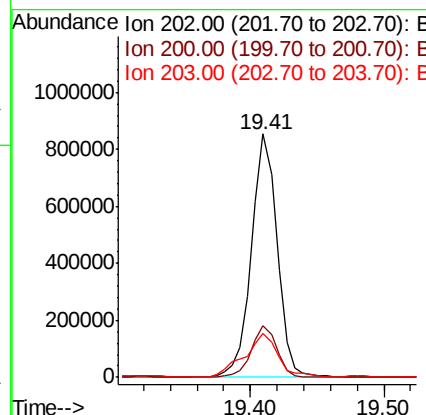
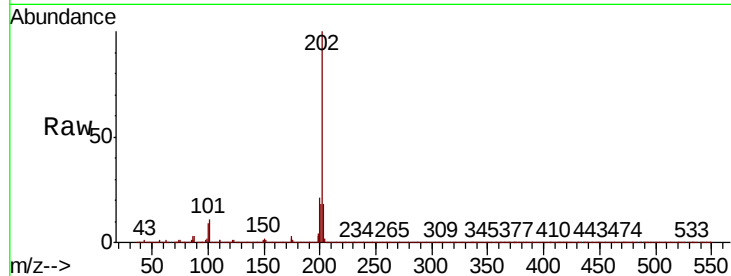
#78
Pvrene
Concen: 23.967 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.0	14.2	21.2

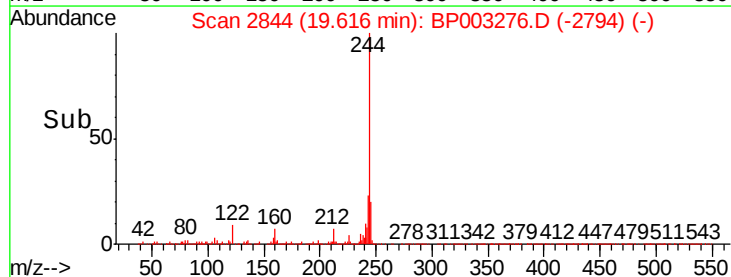
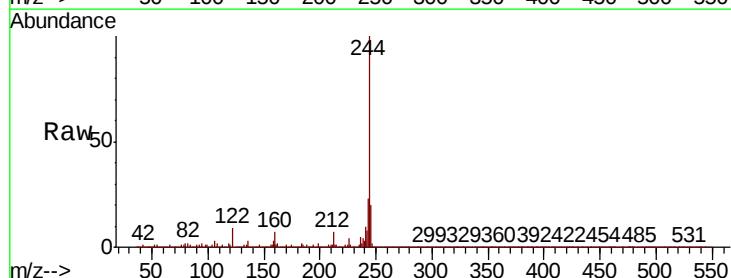
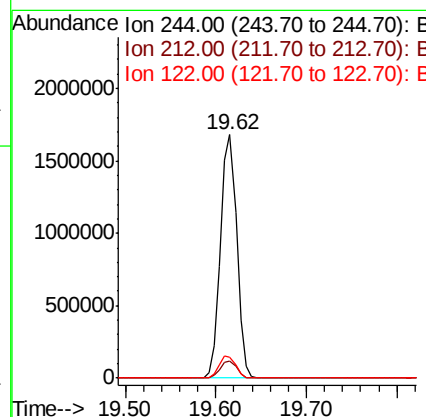
Manual Integrations
APPROVED

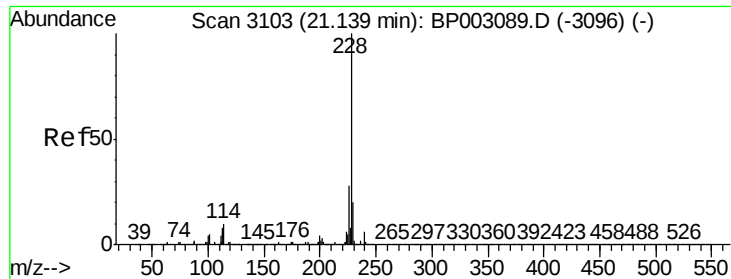
mohammad
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#79
Terphenyl-d14
Concen: 63.101 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.7	7.8	11.8





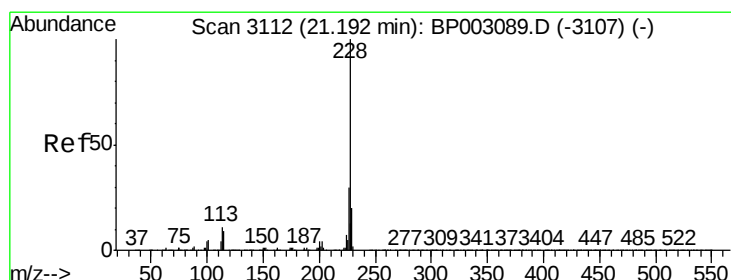
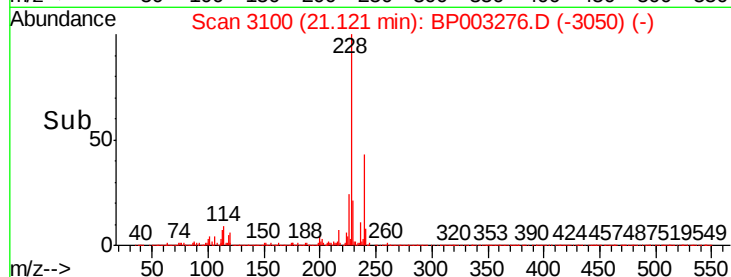
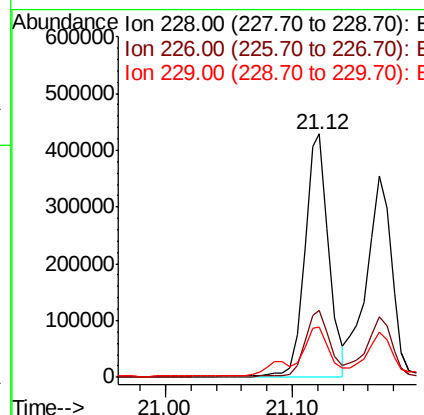
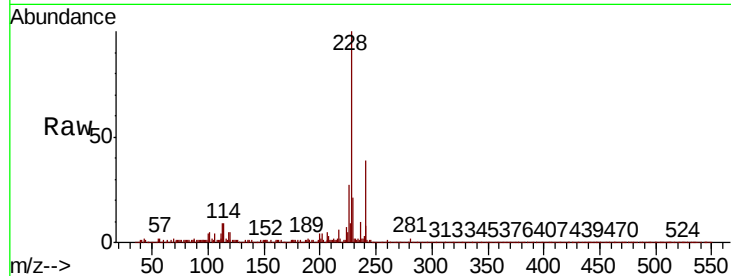
#81
Benzo(a)anthracene
Concen: 12.354 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.8	15.9	23.9

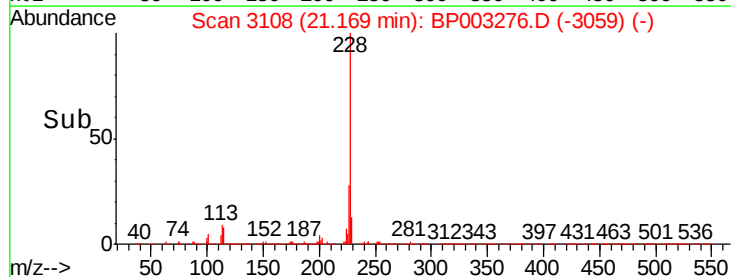
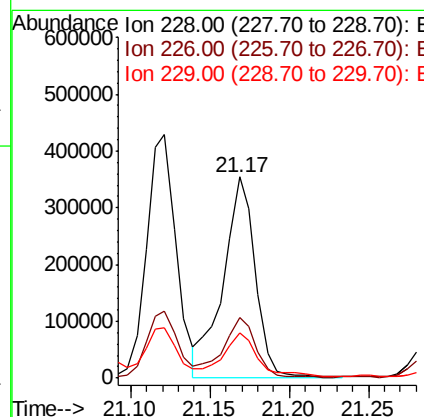
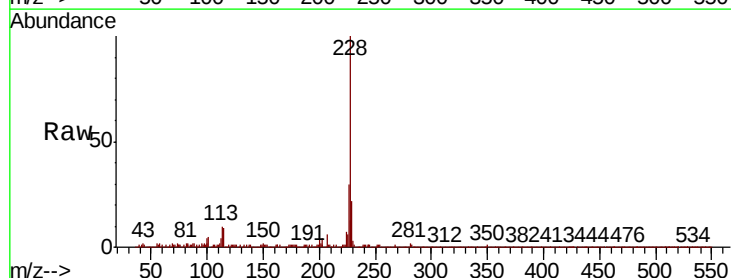
Manual Integrations
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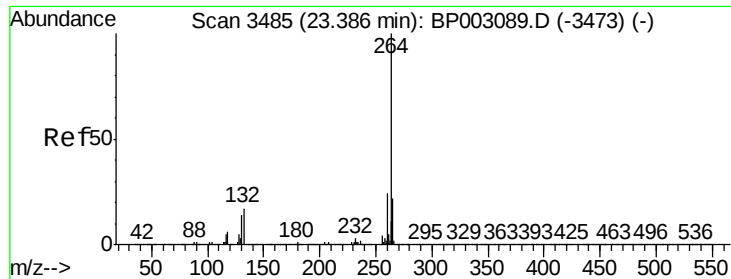
mohammad
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#83
Chrysene
Concen: 11.325 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	22.3	15.8	23.6





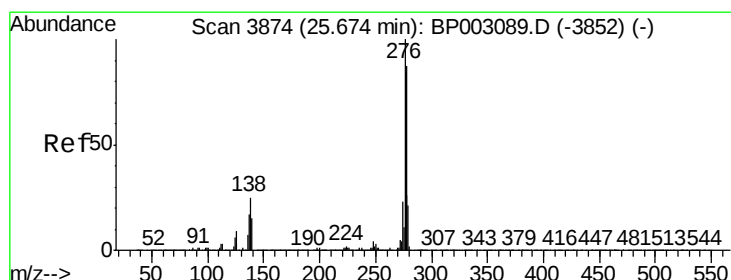
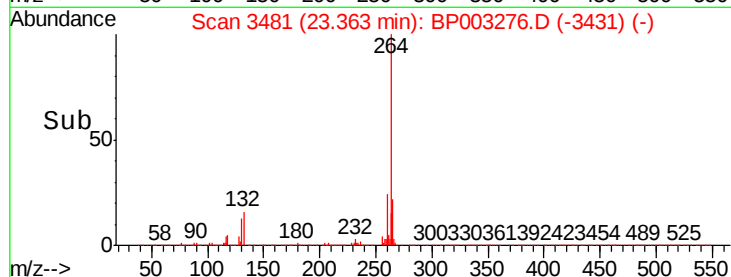
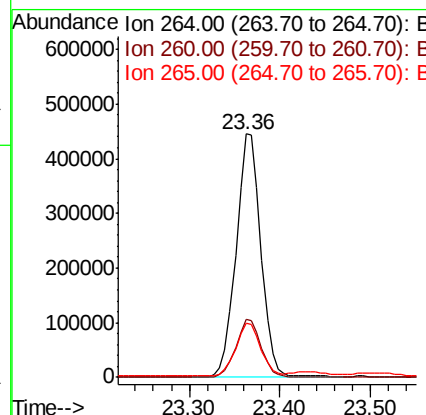
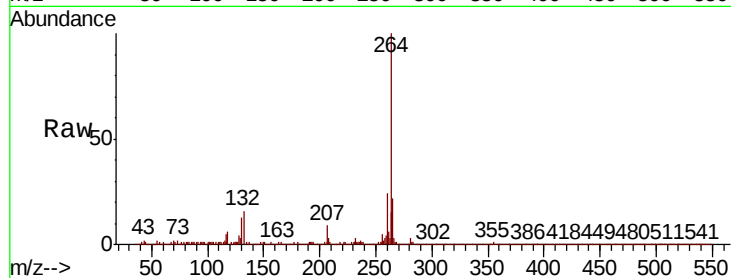
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.1	17.4	26.2

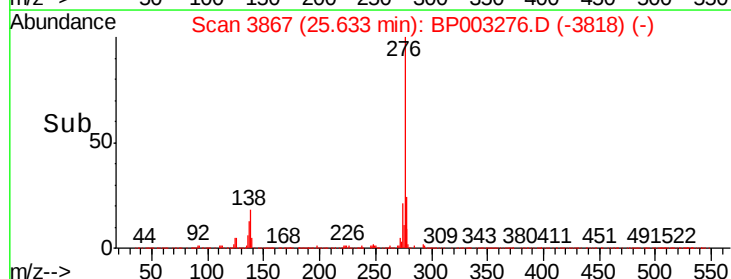
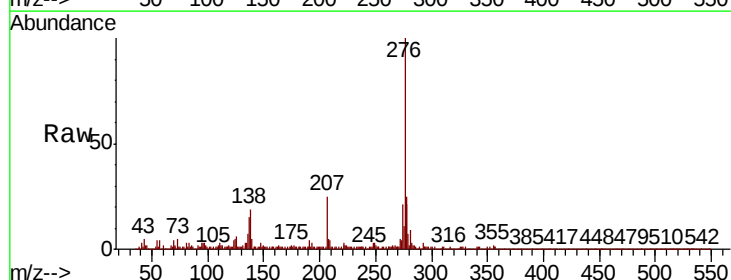
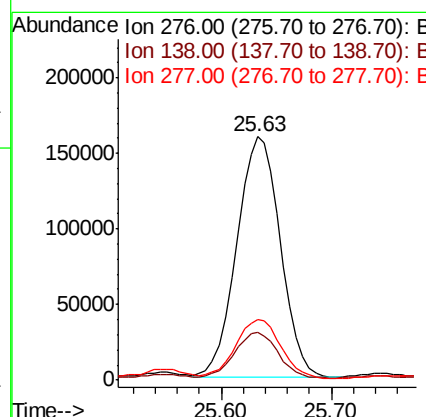
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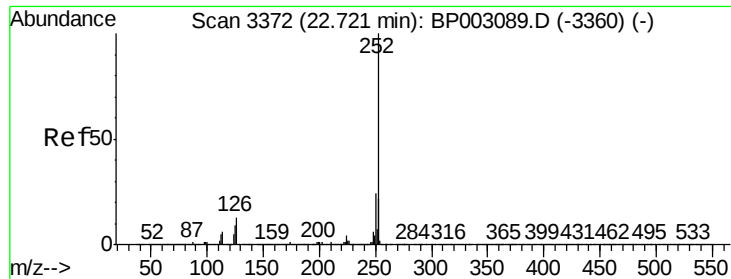
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.010 ng
RT: 25.63 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.7	28.1
277	25.2	20.4	30.6





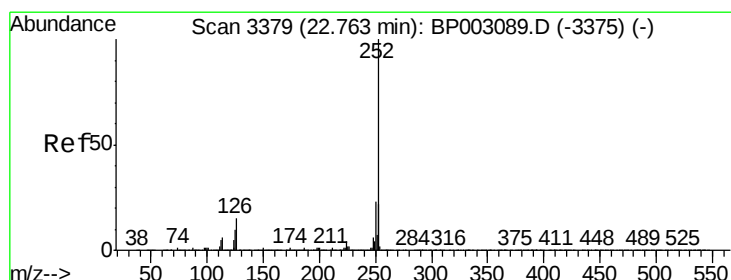
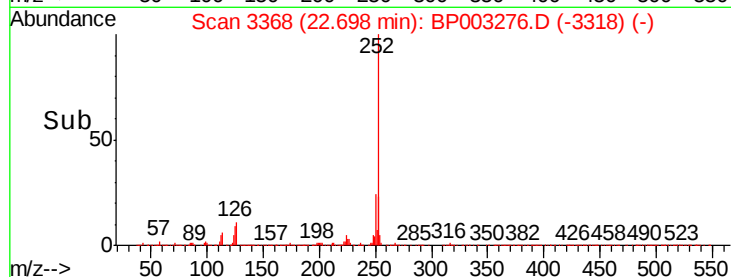
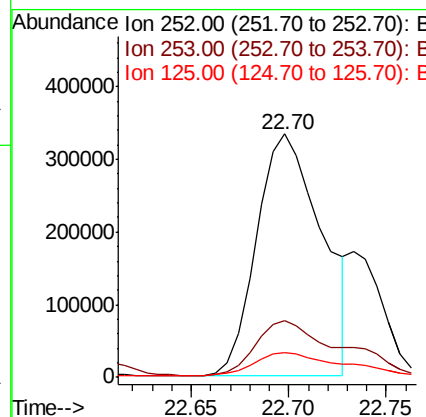
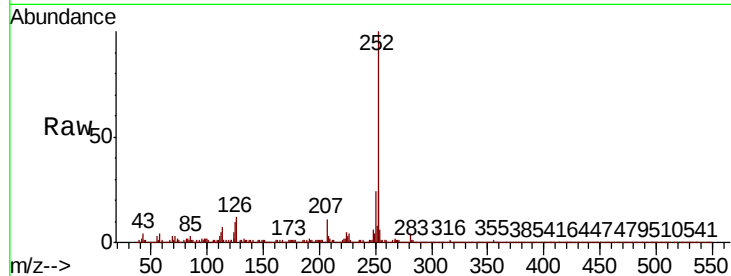
#88
Benzo(b)fluoranthene
Concen: 14.777 ng m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.0	7.3	10.9

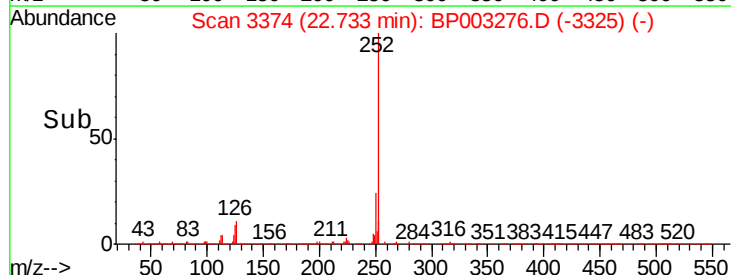
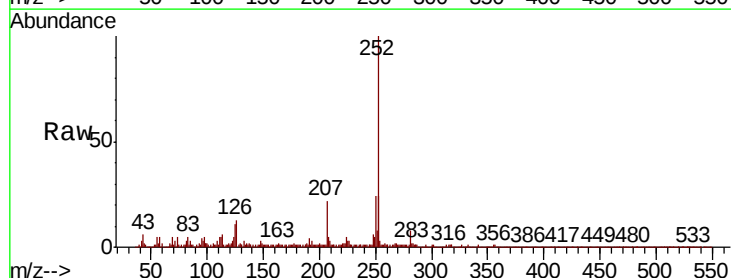
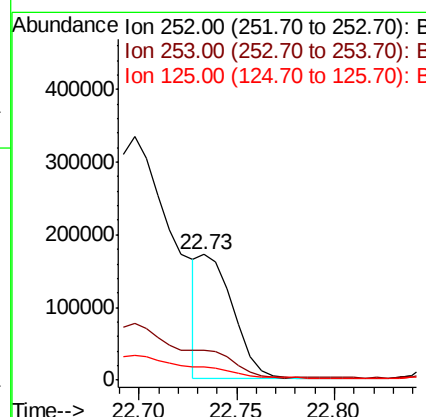
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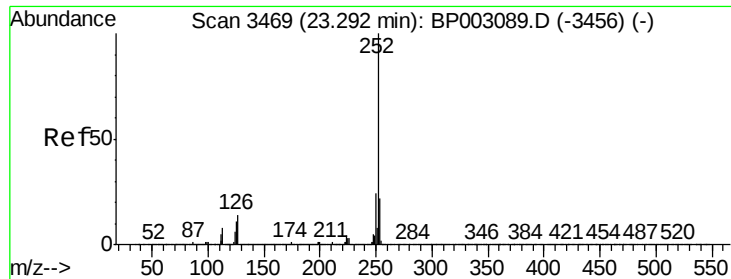
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.061 ng m
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	10.9	7.4	11.2





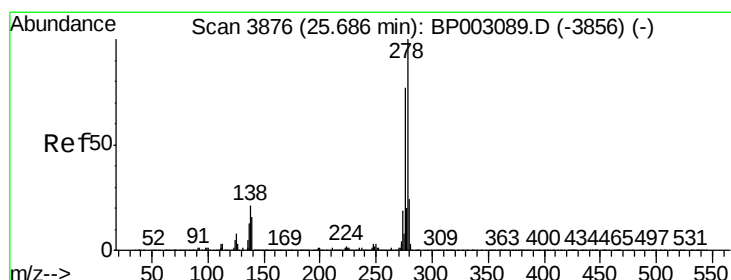
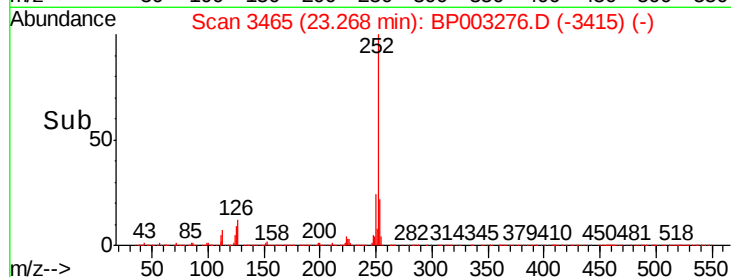
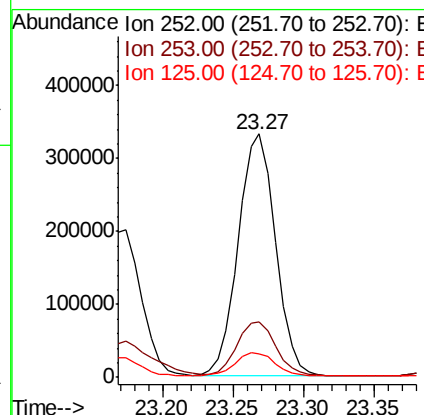
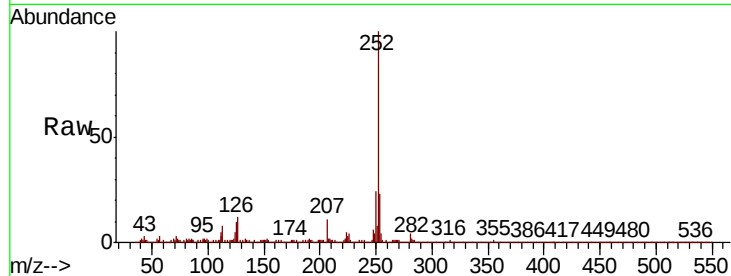
#90
Benzo(a)pyrene
Concen: 12.706 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	9.7	8.2	12.4

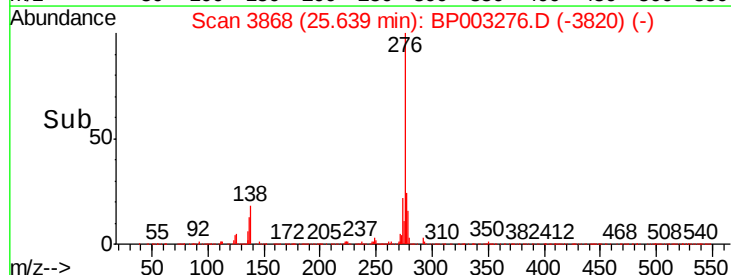
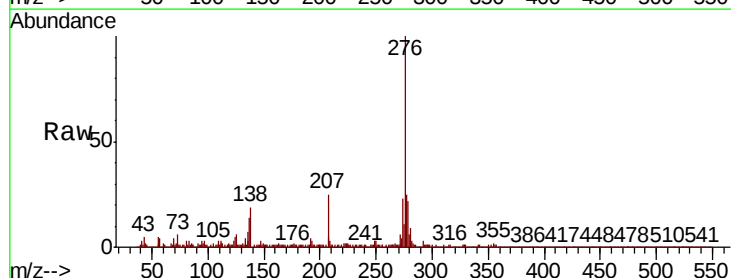
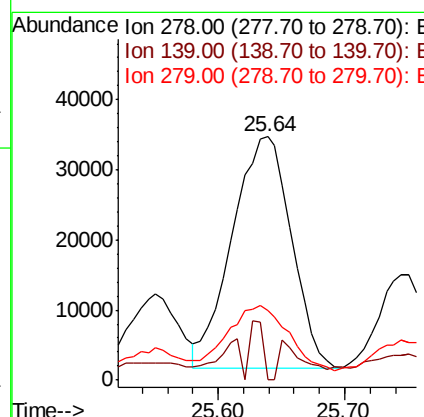
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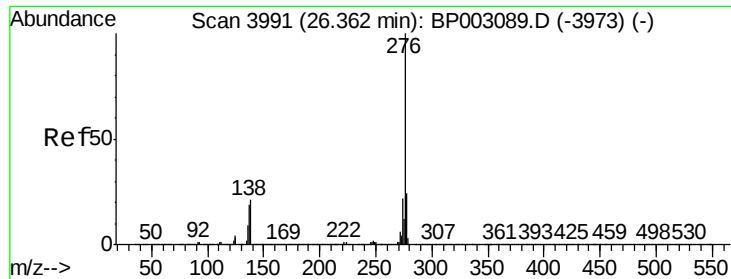
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.089 ng m
RT: 25.64 min Scan# 3868
Delta R.T. -0.02 min
Lab File: BP003276.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	28.7	19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 8.519 ng
 RT: 26.33 min Scan# 3985
 Delta R.T. -0.01 min
 Lab File: BP003276.D
 Acq: 14 Sep 2020 19:31

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B38-091120-0-10

Tot Ion:	276	Resp:	441187
Ion Ratio		Lower	Upper
276	100		
277	24.6	19.0	28.6
138	19.8	16.6	24.8

Manual Integrations
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