

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000177.D
 Acq On : 10 Sep 2019 20:13
 Operator : HP/JU
 Sample : K4634-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 F2D22

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:29:16 AM

Quant Time: Sep 11 02:51:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	396439	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1521052	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	891053	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1510776	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	954219	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1098283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	35018	3.13	ng/uL	0.00
5) Phenol-d5	6.50	99	690571	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	360142	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	562996	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	520705	20.53	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	265383	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	281991	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	536762	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	339816	11.51	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1495851	22.74	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1804651	22.19	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	234176	19.92	ng/ul	0.00
58) Fluorene-d10	10.47	176	1259874	22.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	150771	21.71	ng/ul	0.00
71) Anthracene-d10	11.50	188	1633412	22.33	ng/ul	0.00
79) Pyrene-d10	12.90	212	1518905	26.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1373624	24.13	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.52	94	143298	4.072	ng/ul 97
14) Acetophenone	7.29	105	100065	2.629	ng/ul 99
28) Naphthalene	8.20	128	98194	1.185	ng/ul 99
45) Dimethylphthalate	9.65	163	395118	5.951	ng/ul 99
50) Acenaphthene	9.98	153	450405	7.652	ng/ul 97
54) Dibenzofuran	10.15	168	223752	2.771	ng/ul 97
59) Fluorene	10.50	166	301481	4.826	ng/ul 99
70) Phenanthrene	11.48	178	5000844	55.973	ng/ul 97
72) Anthracene	11.53	178	1051282	11.958	ng/ul 99
75) Carbazole	11.67	167	875980	11.654	ng/ul 99
76) Di-n-butylphthalate	12.03	149	813047	8.931	ng/ul 99
77) Fluoranthene	12.69	202	6991752	77.589	ng/ul 100
80) Pyrene	12.93	202	5606940	77.883	ng/ul 94
83) Benzo(a)anthracene	14.14	228	3357718	48.611	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	14.15	149	102404	2.610	ng/ul 99
85) Chrysene	14.17	228	3434363	54.184	ng/ul 98
88) Benzo(b)fluoranthene	15.25	252	4807126	66.039	ng/ul 99
89) Benzo(k)fluoranthene	15.27	252	1012935m	14.762	ng/ul
91) Benzo(a)pyrene	15.63	252	2856352	41.823	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	17.27	276	2302504	29.305	ng/ul 98
93) Dibenzo(a,h)anthracene	17.28	278	628206	9.653	ng/ul# 90
94) Benzo(a,h,i)perylene	17.75	276	2280591	34.813	ng/ul 97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

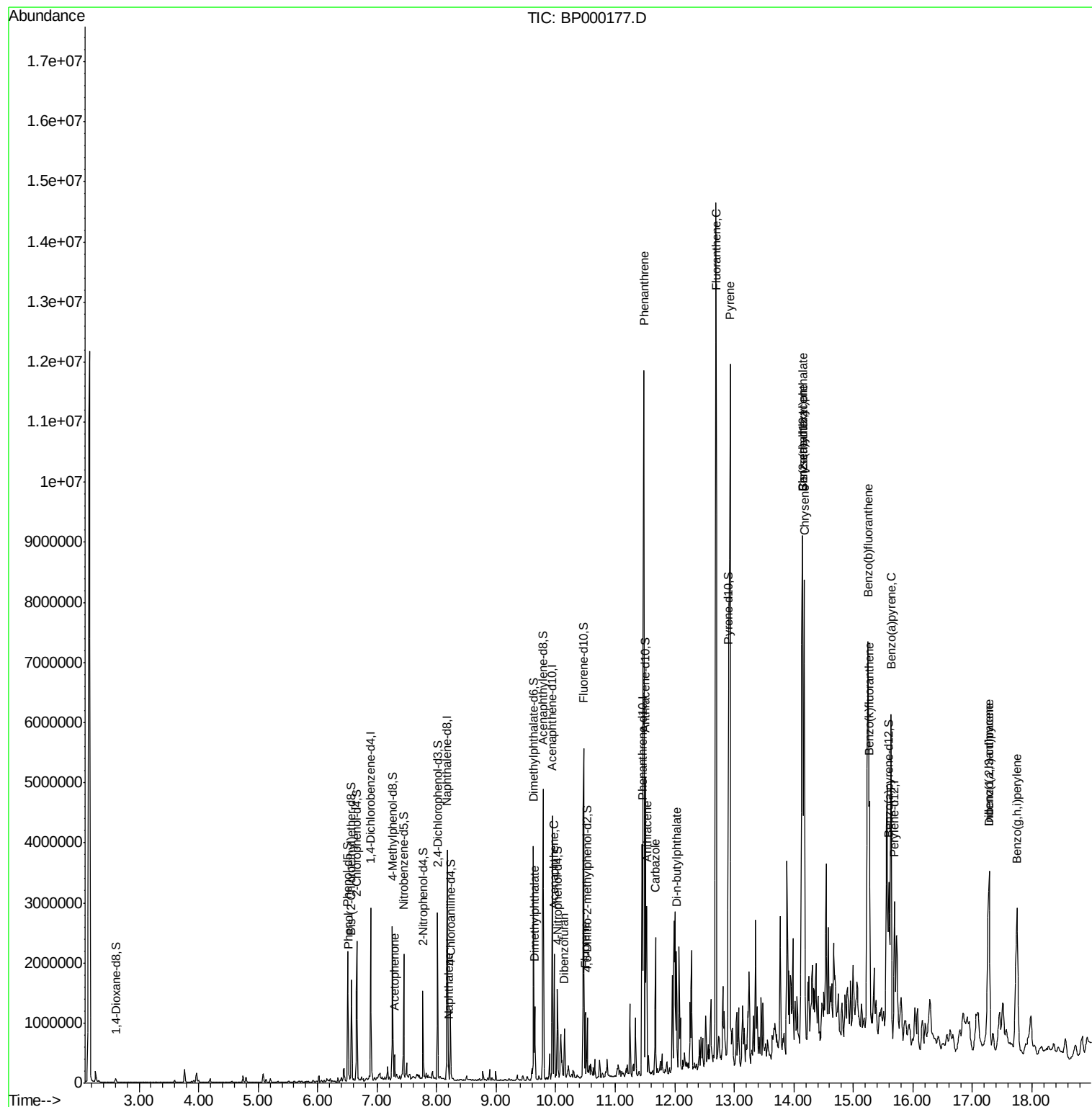
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000177.D
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Sample : K4634-04
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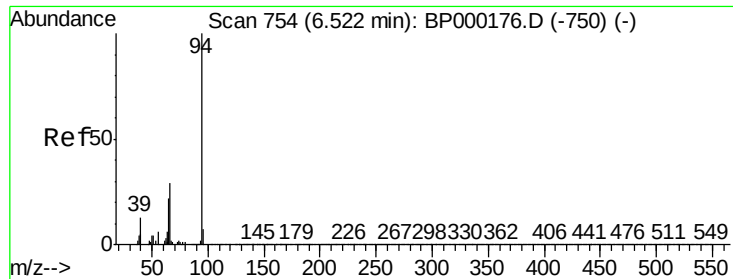
Instrument :
BNA_P
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Response via : Initial Calibration





#6

Phenol

Concen: 4.072 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000177.D

Acq: 10 Sep 2019 20:13

Instrument :

BNA_P

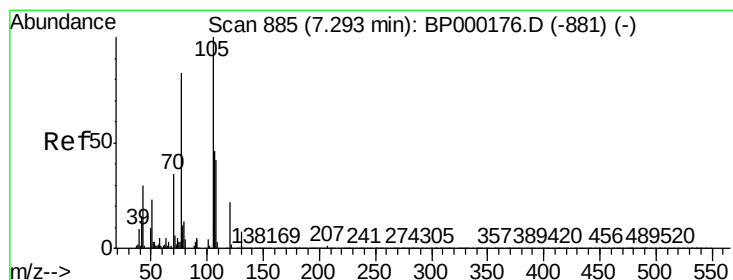
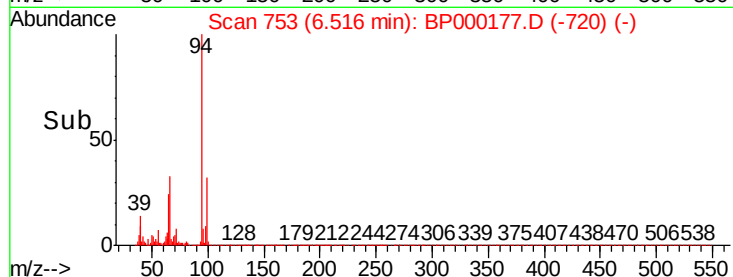
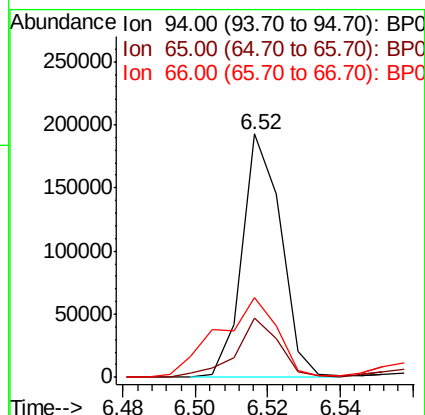
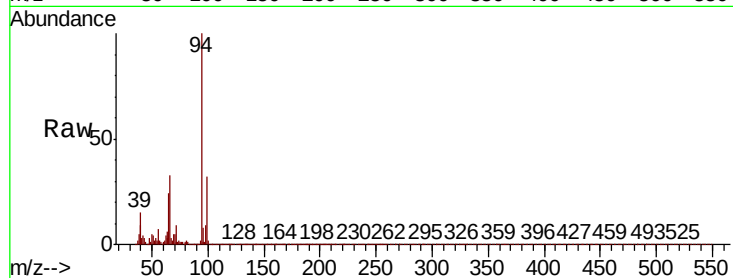
ClientSampleId :

F2D22

Tot Ion:	94	Resp:	143298
Ion Ratio	Lower	Upper	
94	100		
65	24.1	18.8	28.2
66	32.9	24.2	36.2

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#14

Acetophenone

Concen: 2.629 ng/ul

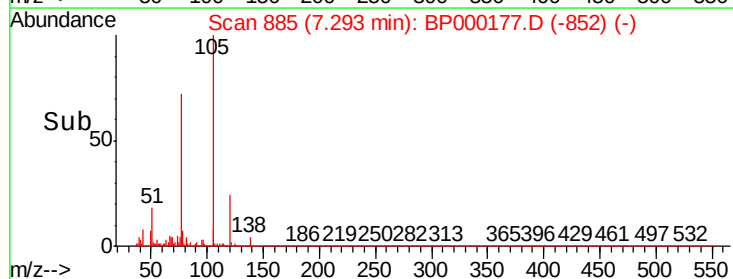
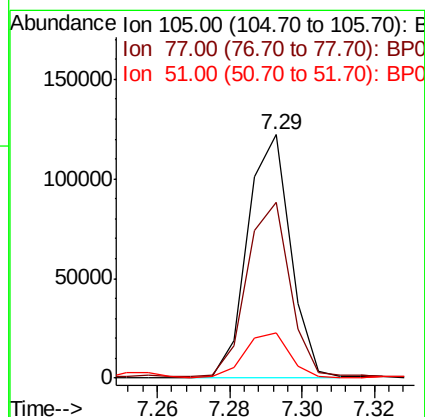
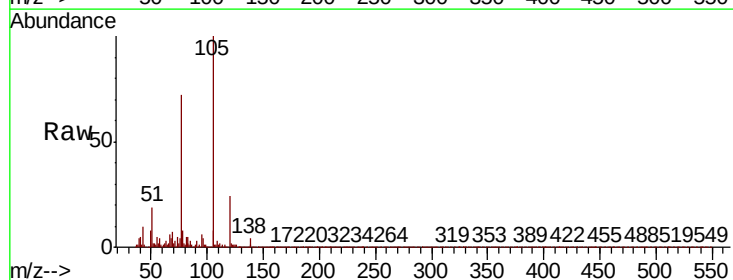
RT: 7.29 min Scan# 885

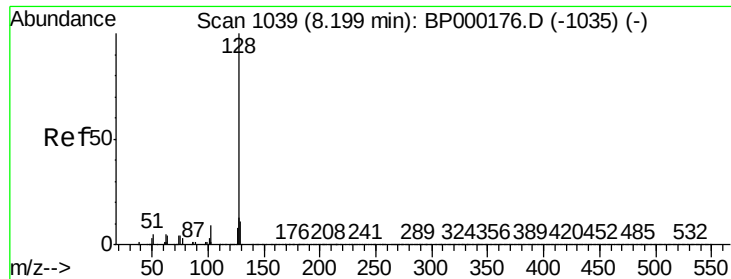
Delta R.T. -0.01 min

Lab File: BP000177.D

Acq: 10 Sep 2019 20:13

Tgt Ion:	105	Resp:	100065
Ion Ratio	Lower	Upper	
105	100		
77	72.3	57.2	85.8
51	18.5	14.7	22.1





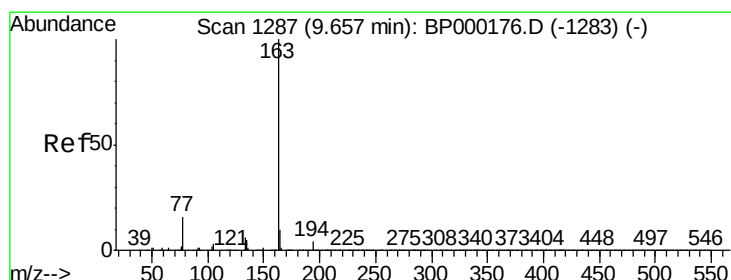
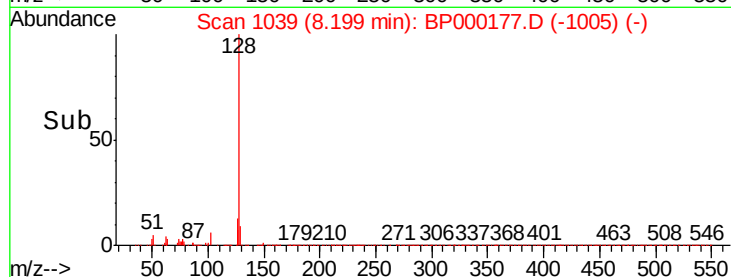
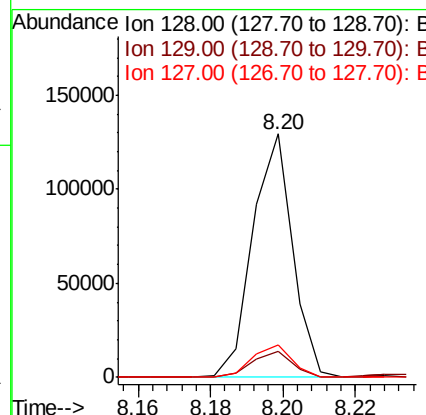
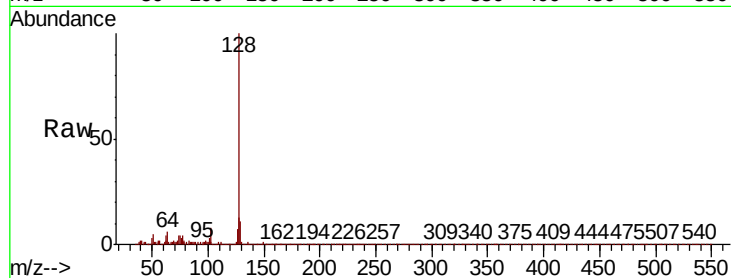
#28
Naphthalene
Concen: 1.185 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		98194		
129	10.8		9.1	13.7	
127	13.2		10.7	16.1	

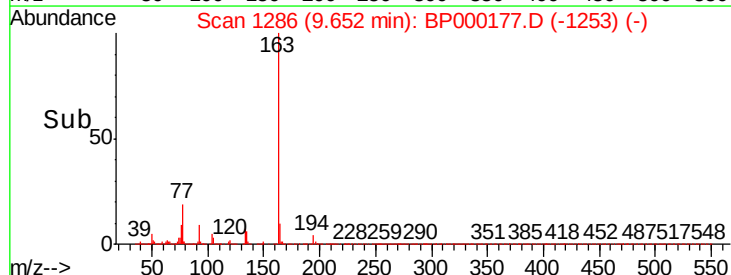
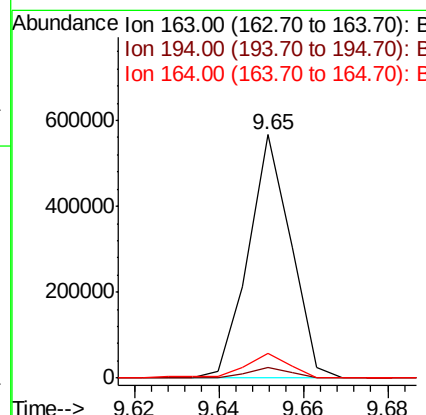
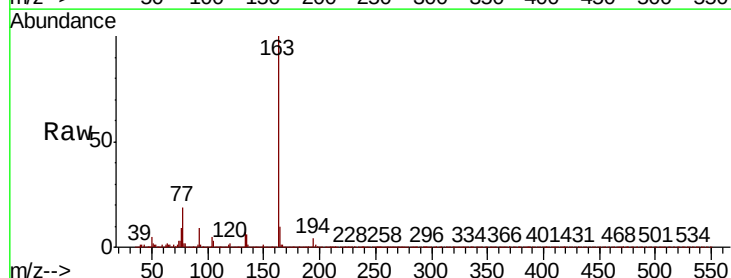
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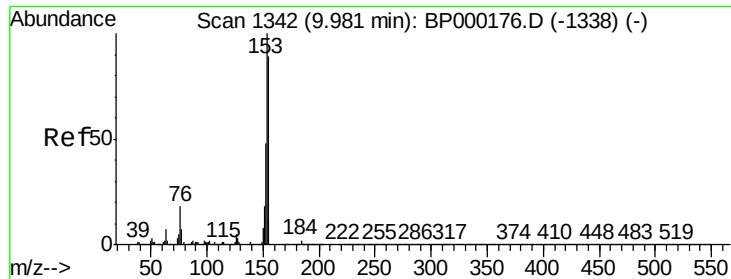
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#45
Dimethylphthalate
Concen: 5.951 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		395118		
194	4.4		3.2	4.8	
164	10.2		8.4	12.6	





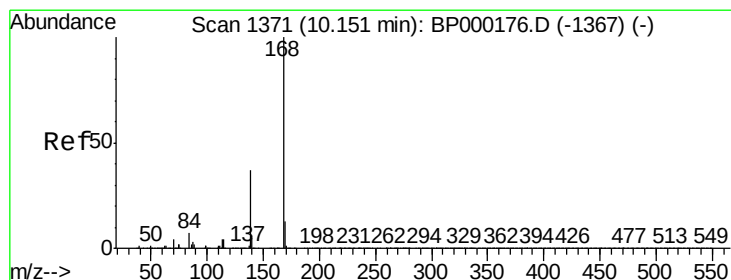
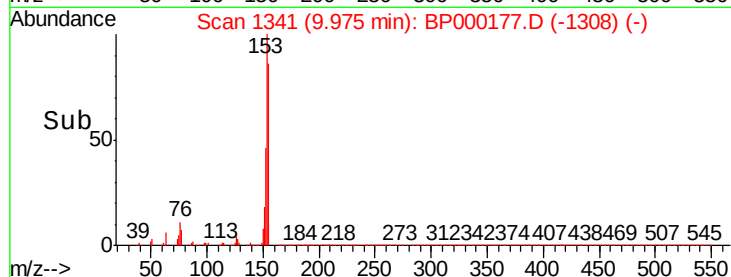
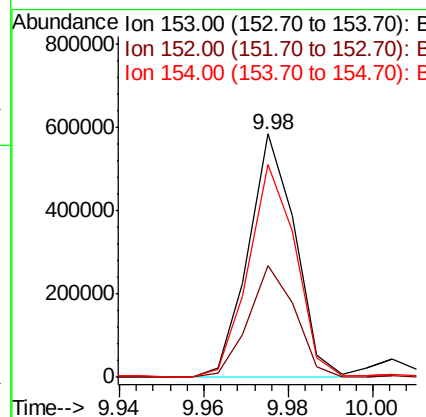
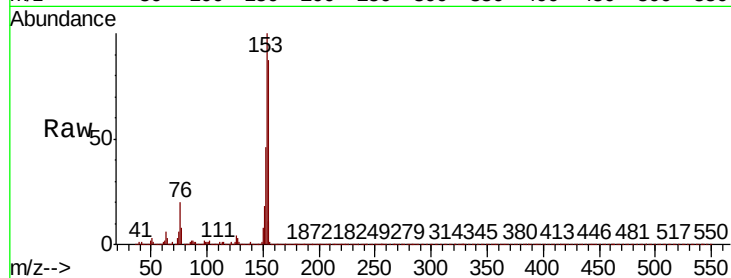
#50
Acenaphthene
Concen: 7.652 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ratio	Lower	Upper
153	100		
152	45.8	38.0	57.0
154	87.2	72.6	108.8

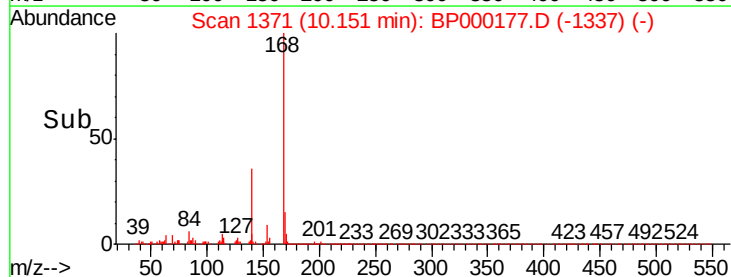
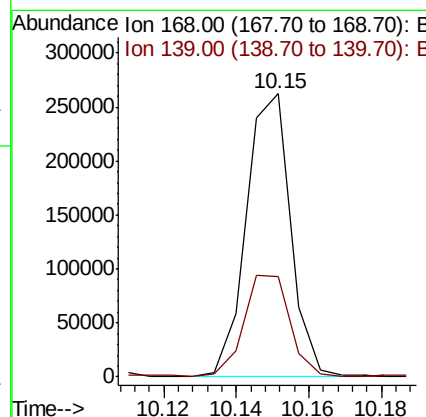
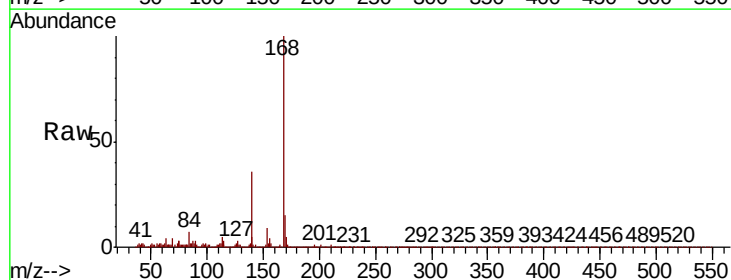
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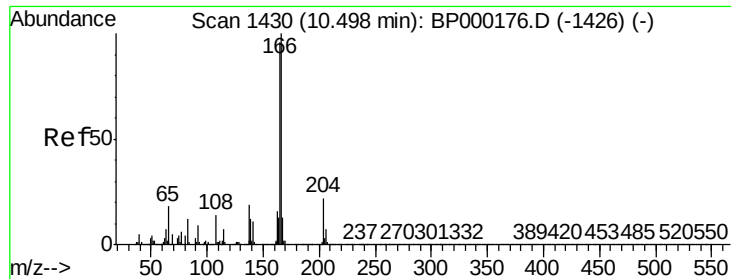
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#54
Dibenzofuran
Concen: 2.771 ng/ul
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.0	45.0





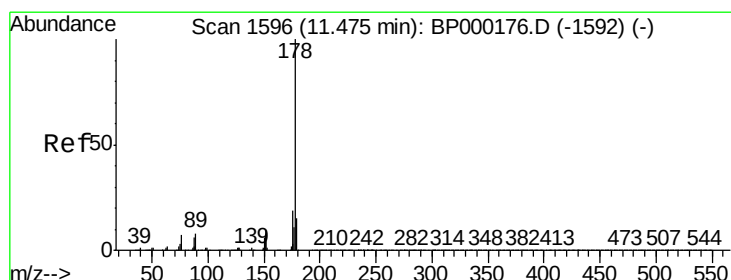
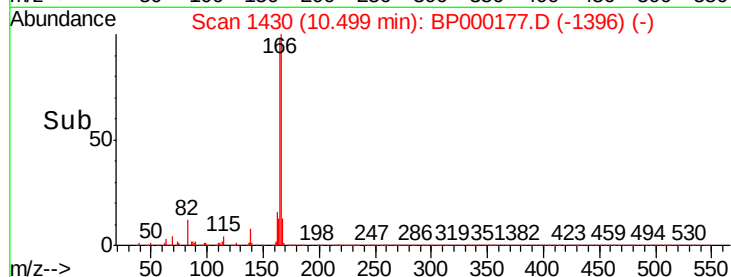
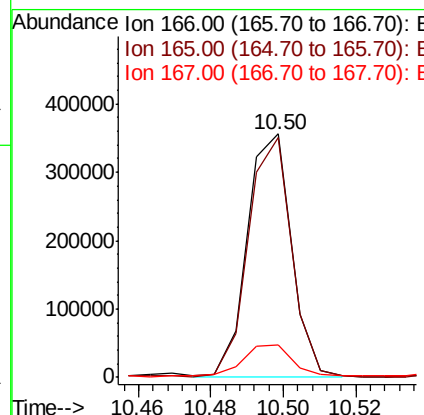
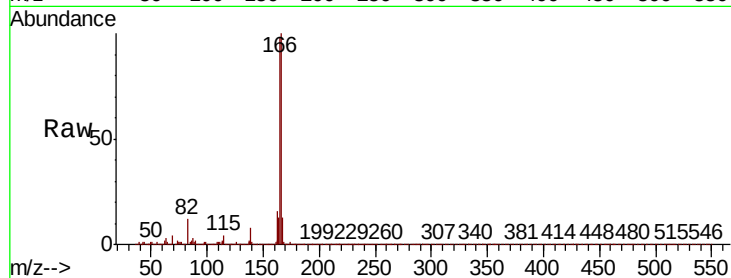
#59
Fluorene
Concen: 4.826 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		301481		
165	98.3	77.8	116.8		
167	13.2	10.9	16.3		

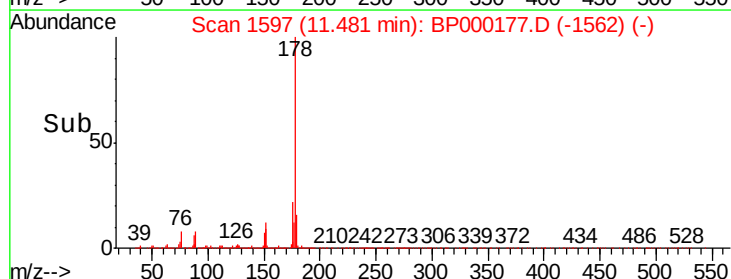
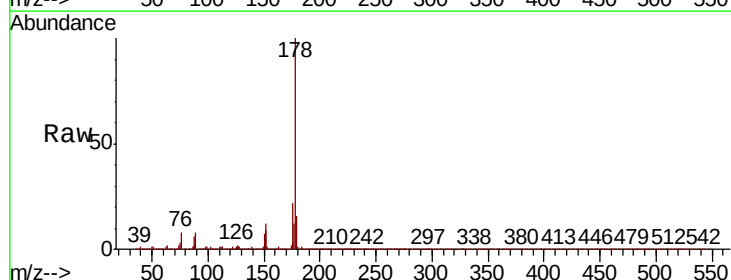
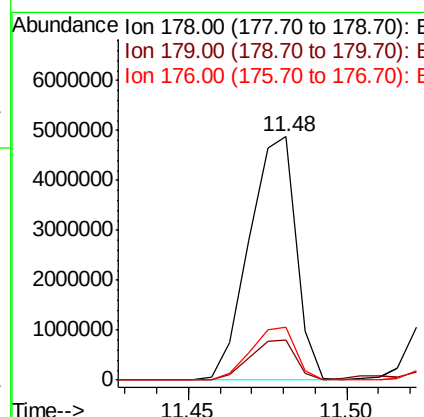
Manual Integrations
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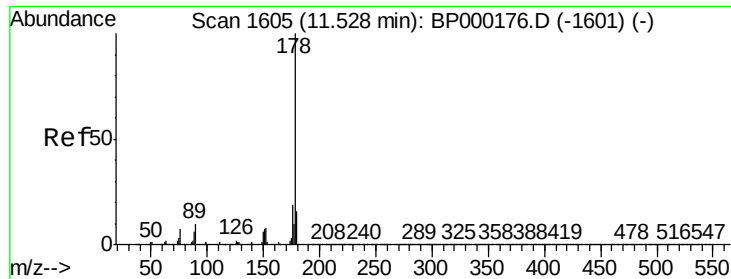
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#70
Phenanthrene
Concen: 55.973 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		5000844		
179	16.3	12.5	18.7		
176	21.7	15.7	23.5		





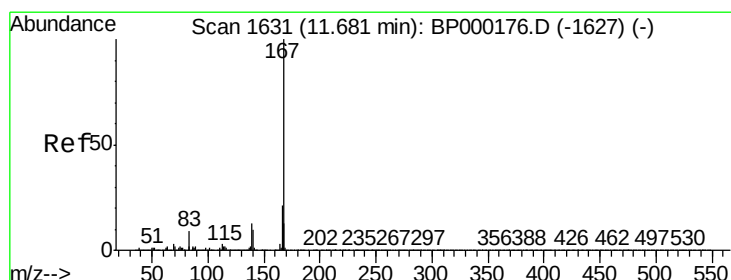
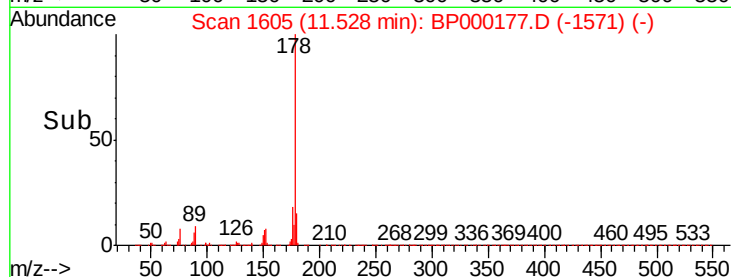
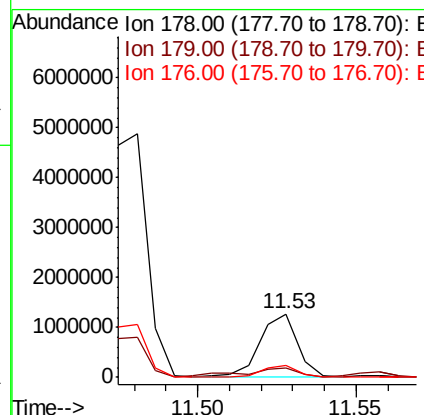
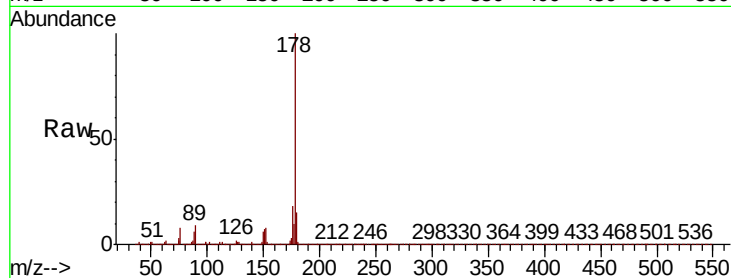
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 Anthracene
 Concen: 11.958 ng/ul
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BP000177.D
 Acq: 10 Sep 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 F2D22

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.0	15.1	22.7

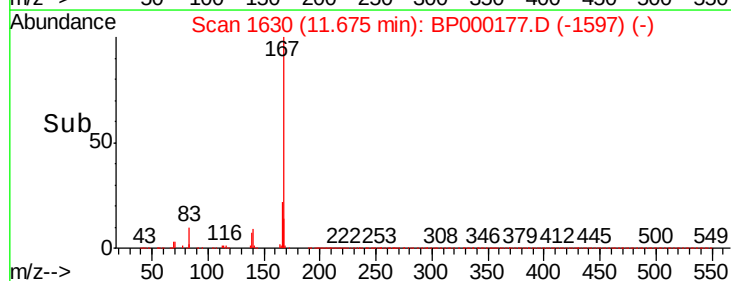
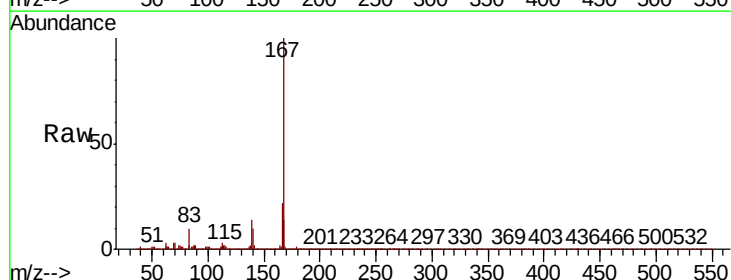
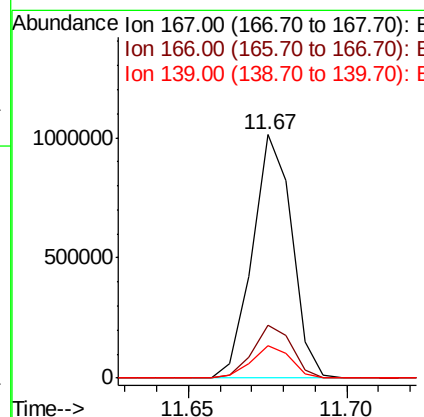
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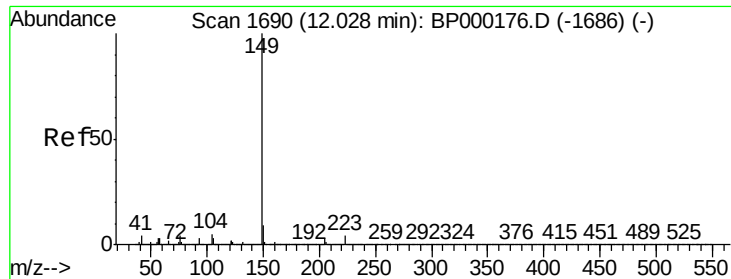
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#75
 Carbazole
 Concen: 11.654 ng/ul
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP000177.D
 Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	13.6	10.6	15.8





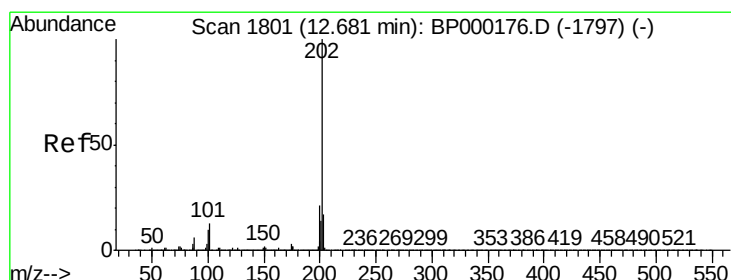
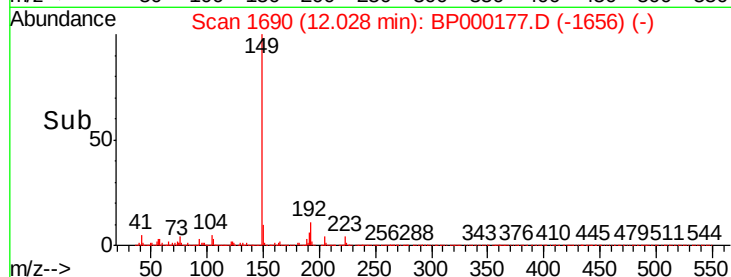
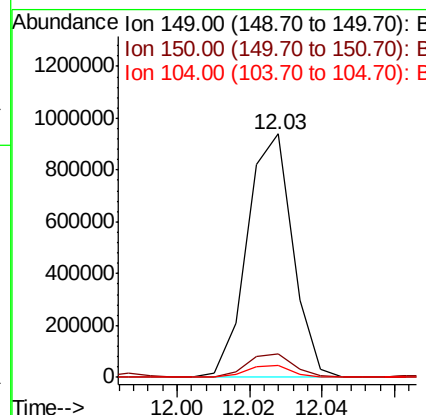
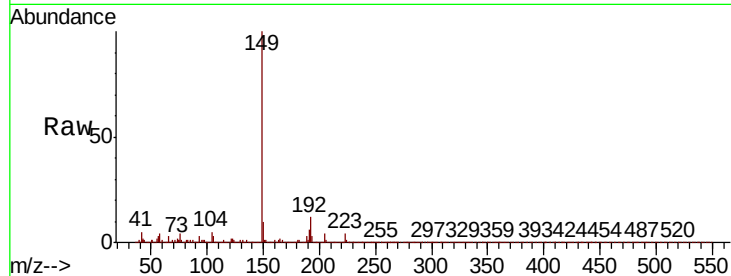
#76
Di-n-butylphthalate
Concen: 8.931 ng/ul
RT: 12.03 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion:	149	Resp:	813047
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.5	11.3
104	4.7	4.0	6.0

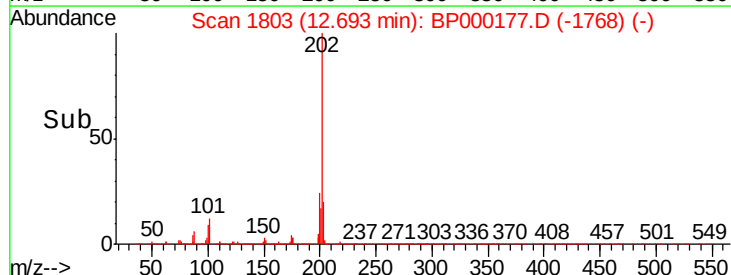
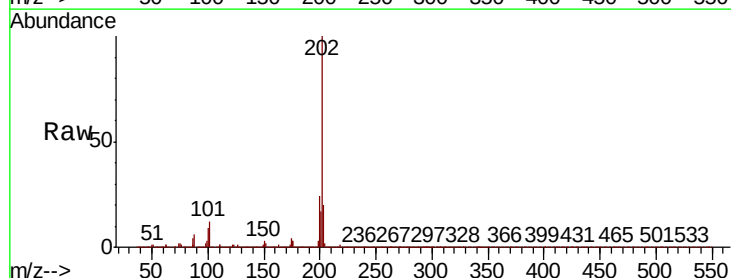
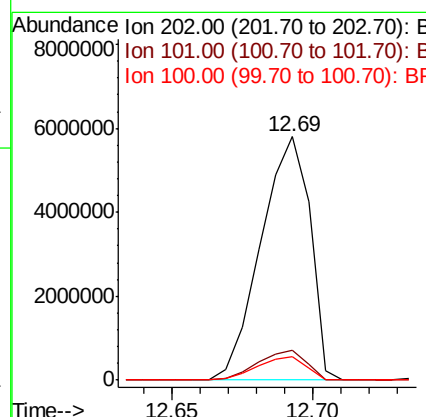
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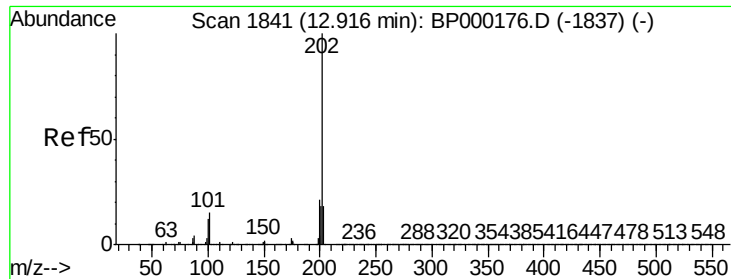
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#77
Fluoranthene
Concen: 77.589 ng/ul
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion:	202	Resp:	6991752
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.0	15.0
100	9.4	7.4	11.2





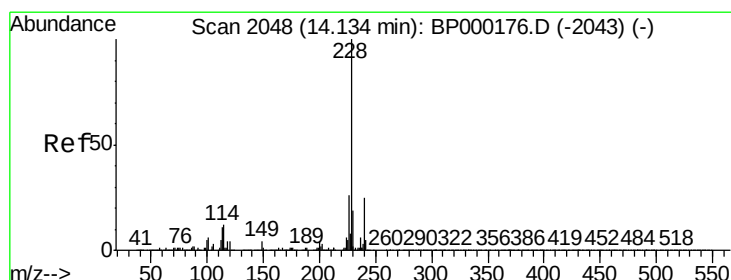
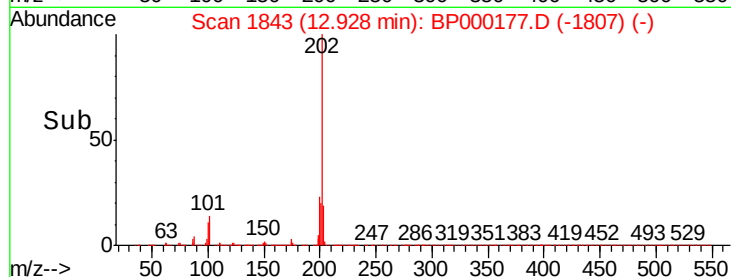
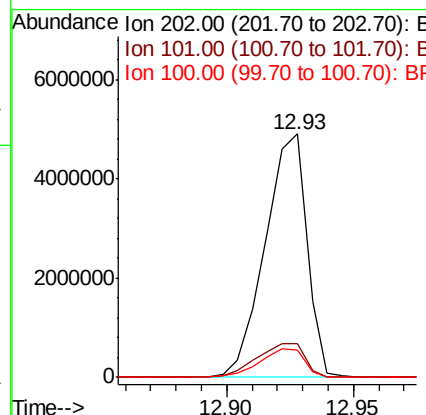
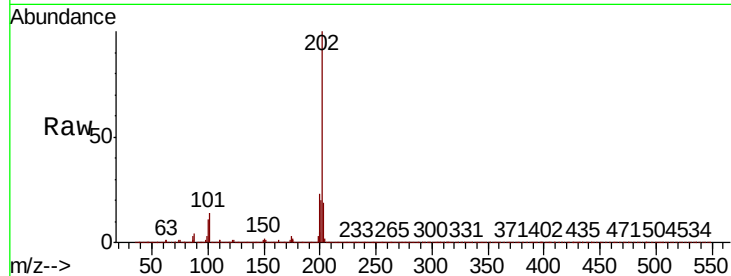
#80
Pvrene
Concen: 77.883 ng/ul
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	13.4	20.0
100	11.2	10.8	16.2

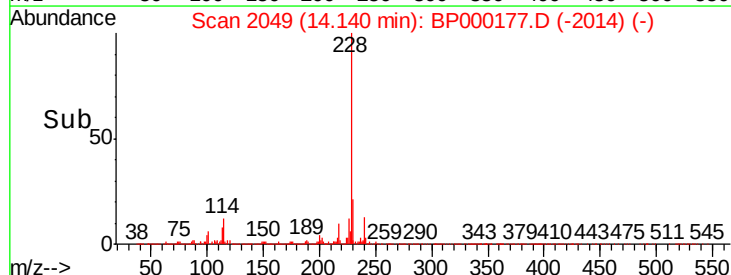
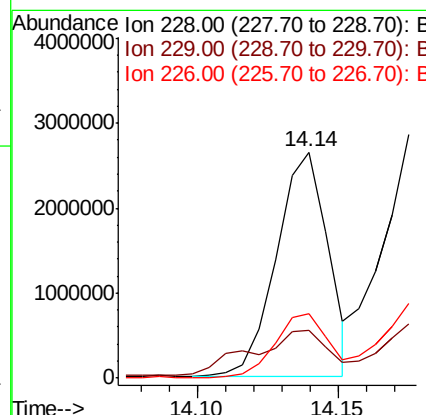
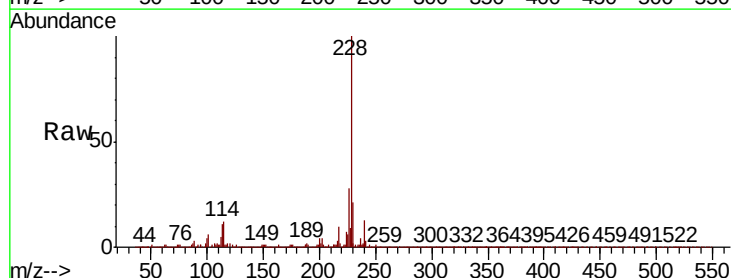
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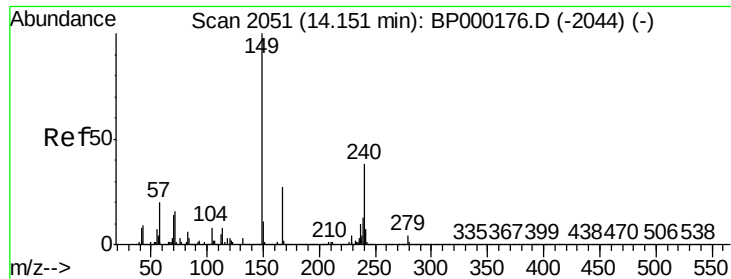
mohammad
9/12/2019 9:29:16 AM



#83
Benzo(a)anthracene
Concen: 48.611 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	28.3	22.1	33.1





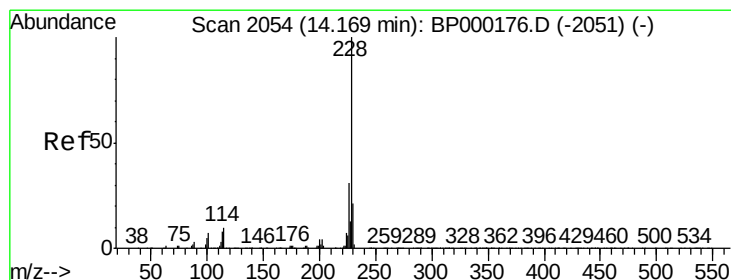
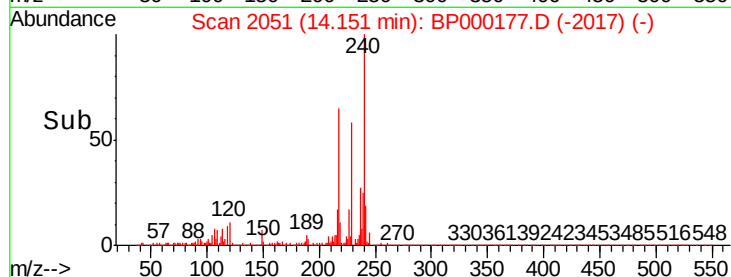
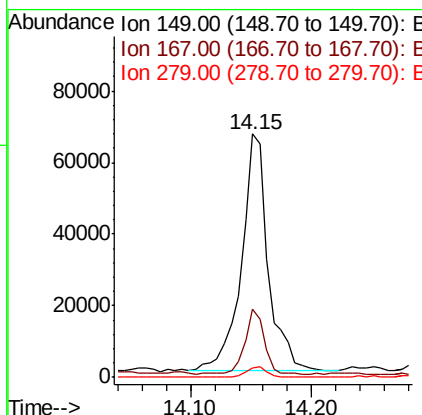
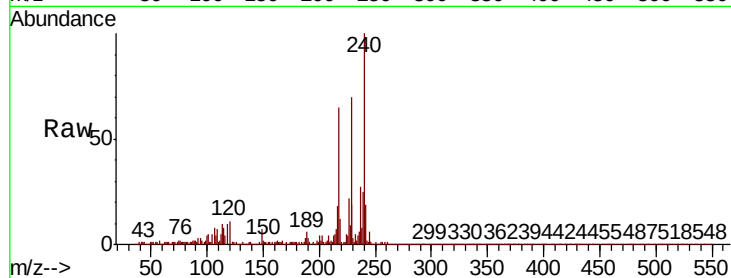
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.610 ng/ul
 RT: 14.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BP000177.D
 Acq: 10 Sep 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 F2D22

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.0	3.0	4.4

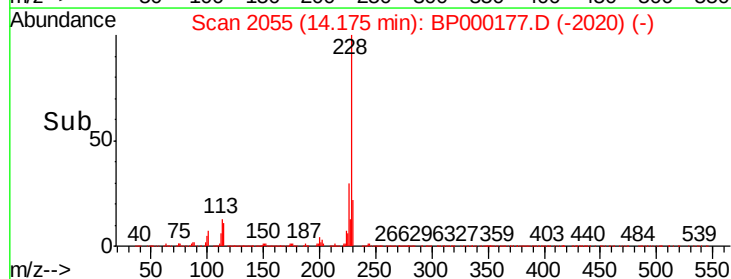
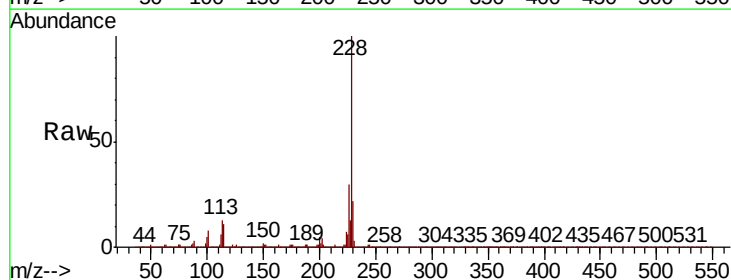
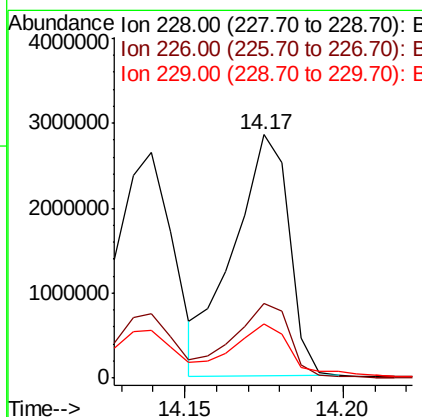
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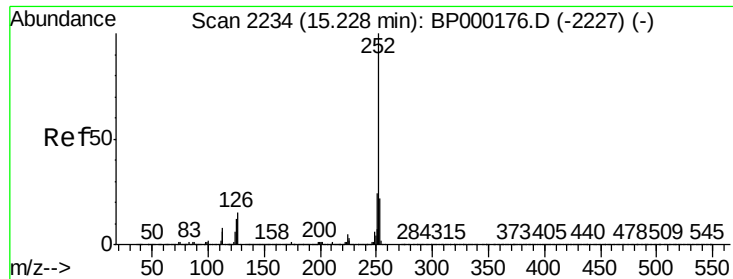
mohammad
 9/12/2019 9:29:16 AM



#85
 Chrysene
 Concen: 54.184 ng/ul
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BP000177.D
 Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	22.1	16.0	24.0





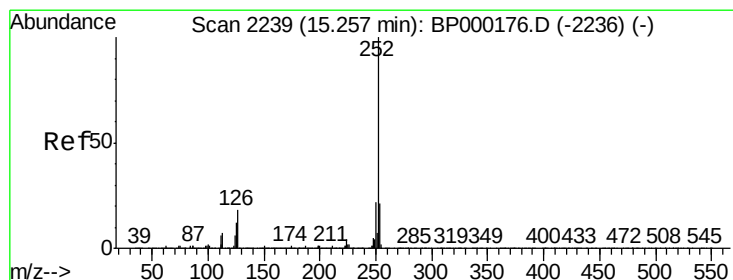
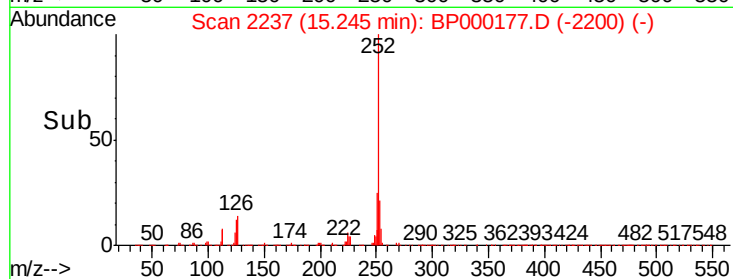
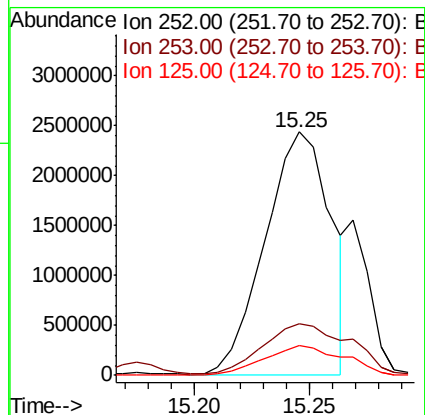
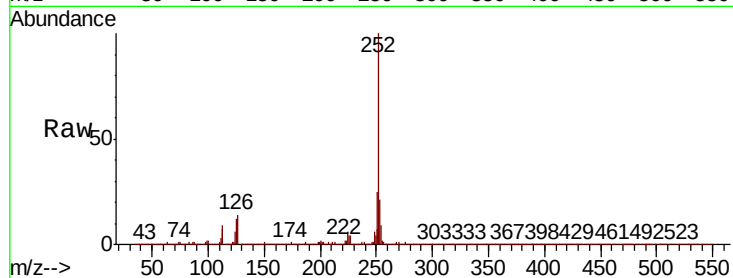
#88
Benzo(b)fluoranthene
Concen: 66.039 ng/ul
RT: 15.25 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	12.0	9.9	14.9

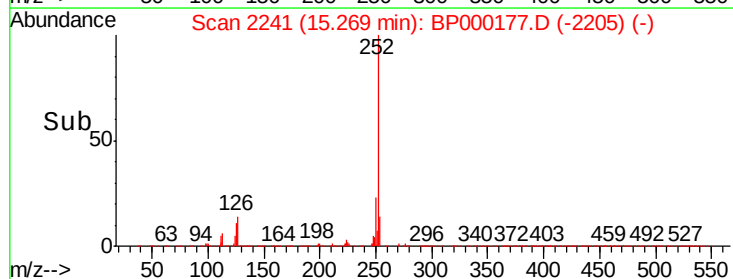
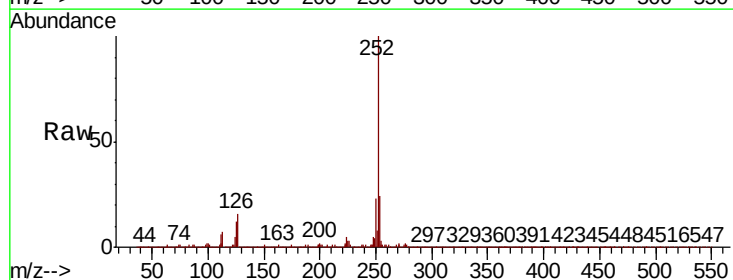
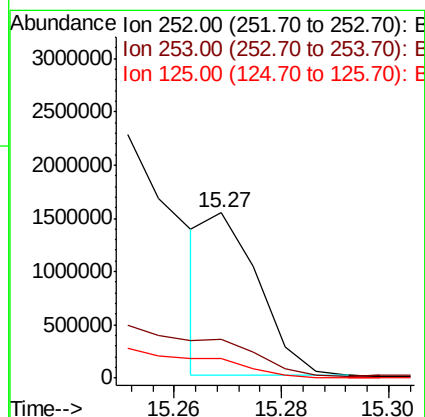
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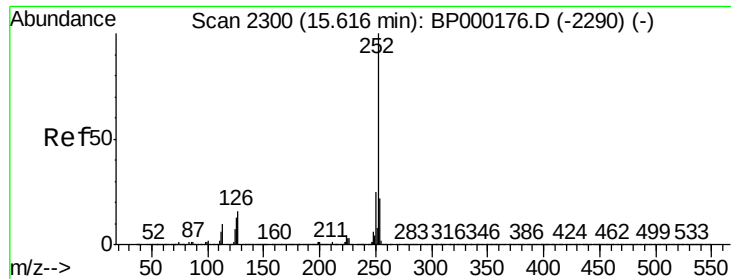
mohammad
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#89
Benzo(k)fluoranthene
Concen: 14.762 ng/ul m
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	11.6	10.2	15.2





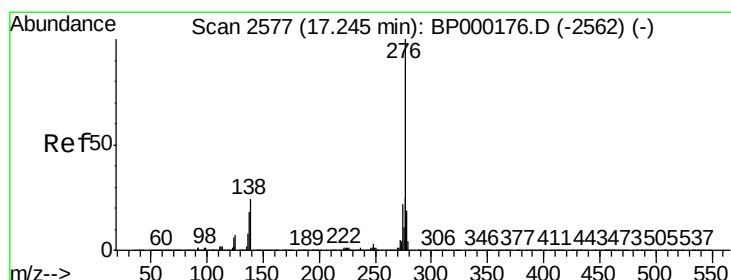
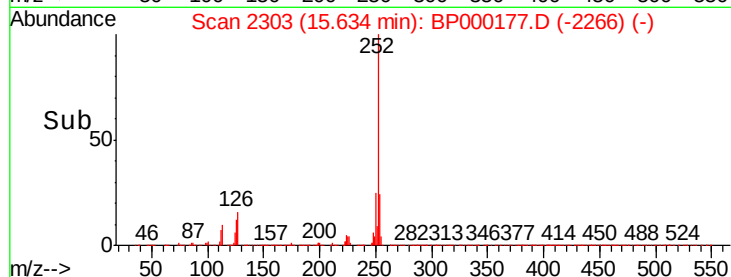
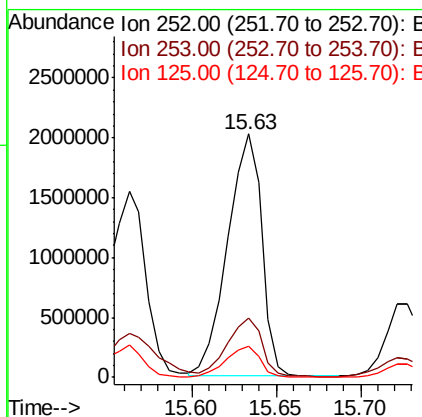
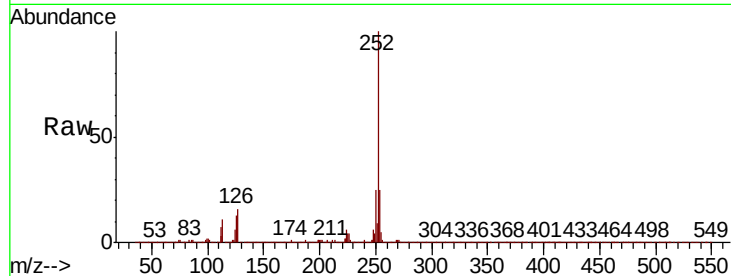
#91
Benzo(a)pyrene
Concen: 41.823 ng/ul
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	12.6	10.2	15.2

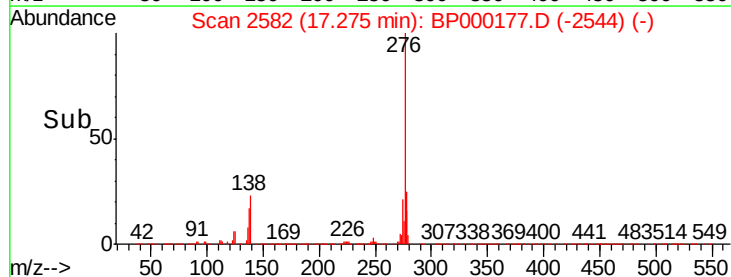
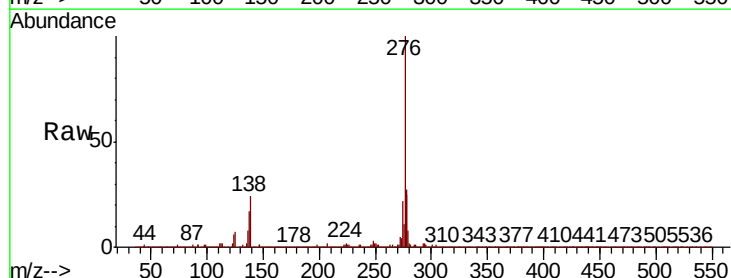
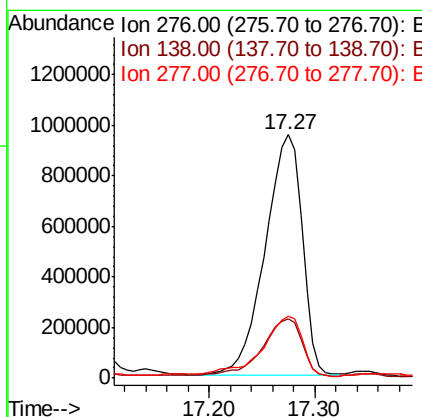
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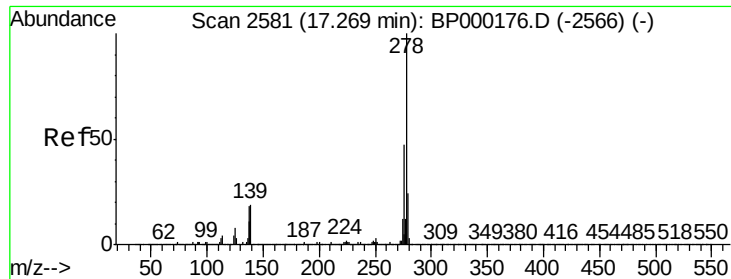
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#92
Indeno(1,2,3-cd)pyrene
Concen: 29.305 ng/ul
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.0	30.0
277	25.2	19.4	29.0





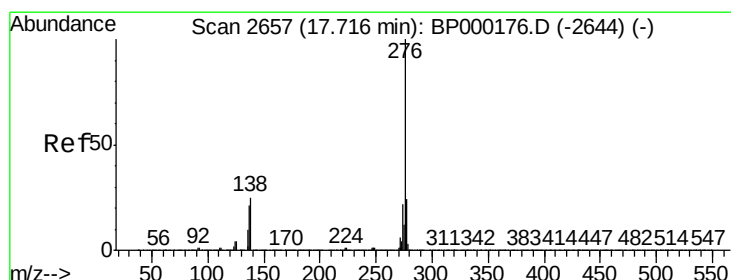
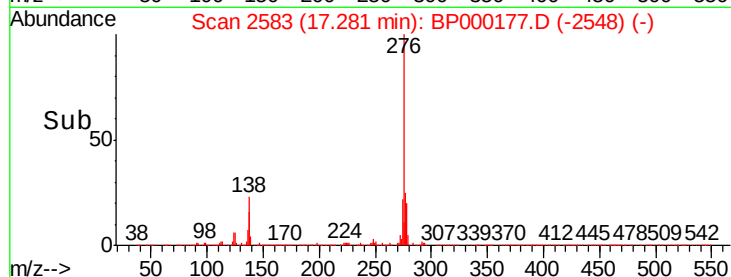
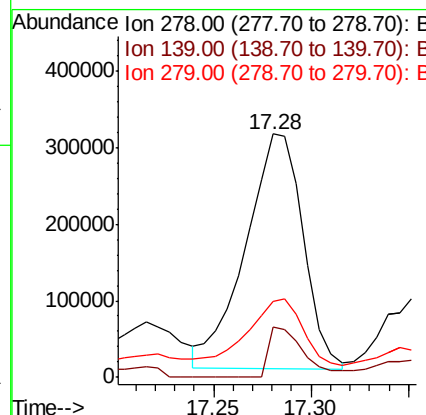
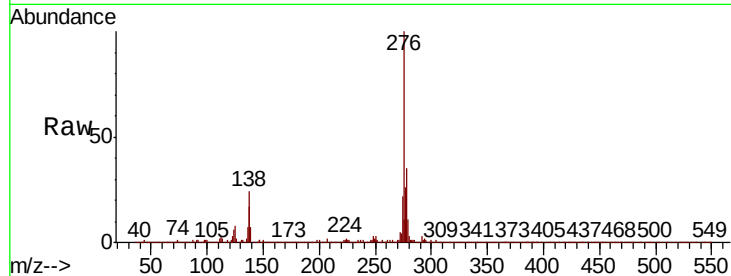
#93
Dibenzo(a,h)anthracene
Concen: 9.653 ng/ul
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Instrument :
BNA_P
ClientSampleId :
F2D22

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.1	22.7
279	31.1	19.2	28.8

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 34.813 ng/ul
RT: 17.75 min Scan# 2663
Delta R.T. 0.03 min
Lab File: BP000177.D
Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.0	30.0
277	22.8	19.1	28.7

