

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000229.D
 Acq On : 12 Sep 2019 21:23
 Operator : HP/JU
 Sample : K4634-21DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 F2D39DL

Manual Integrations
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mohammad
 9/16/2019 9:14:08 AM

Quant Time: Sep 13 06:41:11 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	6.90	152	268271	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1003033	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	550065	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	995888	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	717752	20.00	ng/ul	0.02
86) Perylene-d12	15.75	264	655282	20.00	ng/ul	0.06

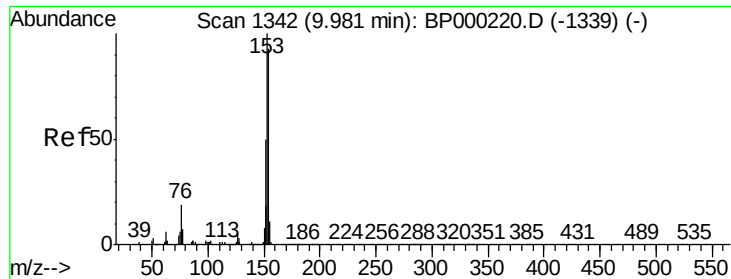
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	4759	0.63	ng/uL	0.02
5) Phenol-d5	6.52	99	88121	3.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	46159	3.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	74800	4.05	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	67215	3.92	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	33586	4.41	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	33227	4.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	63233	4.02	ng/ul	0.00
29) 4-Chloroaniline-d4	8.24	131	21698	1.11	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	184950	4.55	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	228799	4.56	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	16910	2.33	ng/ul	0.00
58) Fluorene-d10	10.47	176	157559	4.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	8519	1.86	ng/ul	0.02
71) Anthracene-d10	11.51	188	233543	4.84	ng/ul	0.00
79) Pyrene-d10	12.91	212	215872	5.06	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.64	264	144011	4.24	ng/ul	0.05

Target Compounds

					Ovalue
50) Acenaphthene	9.98	153	140792	3.875	ng/ul 96
70) Phenanthrene	11.48	178	727652	12.355	ng/ul 99
72) Anthracene	11.53	178	157859	2.724	ng/ul 99
75) Carbazole	11.69	167	97315	1.964	ng/ul 99
77) Fluoranthene	12.70	202	1389176	23.386	ng/ul 97
80) Pyrene	12.93	202	1613632	29.799	ng/ul# 93
83) Benzo(a)anthracene	14.16	228	1108891m	21.343	ng/ul
85) Chrysene	14.20	228	1505108	31.569	ng/ul 99
88) Benzo(b)fluoranthene	15.29	252	784298m	18.059	ng/ul
89) Benzo(k)fluoranthene	15.29	252	563425m	13.762	ng/ul
91) Benzo(a)pyrene	15.68	252	1172690	28.779	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	17.36	276	582954	12.435	ng/ul 93
93) Dibenzo(a,h)anthracene	17.36	278	148131	3.815	ng/ul# 66
94) Benzo(g,h,i)perylene	17.85	276	644784	16.497	ng/ul 100

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



#50

Acenaphthene

Concen: 3.875 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000229.D

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Instrument :

BNA_P

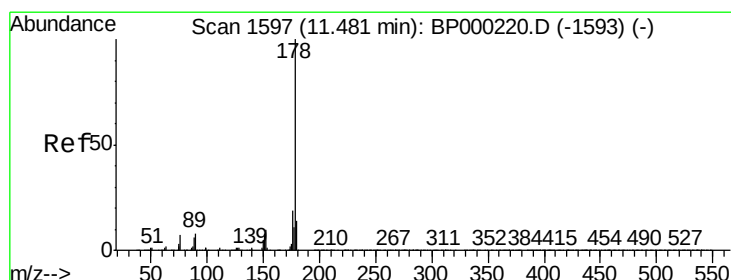
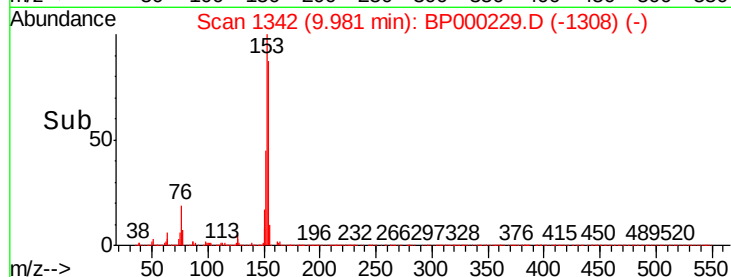
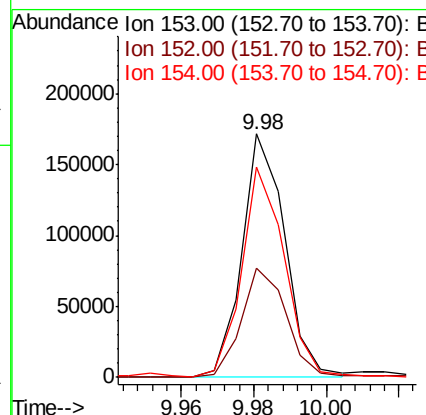
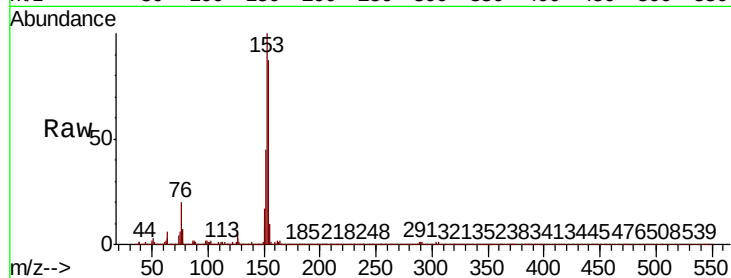
ClientSampled :

F2D39DL

Tot Ion:	153	Resp:	140792
Ion Ratio	Lower	Upper	
153	100		
152	44.7	38.0	57.0
154	86.7	72.6	108.8

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#70

Phenanthrene

Concen: 12.355 ng/ul

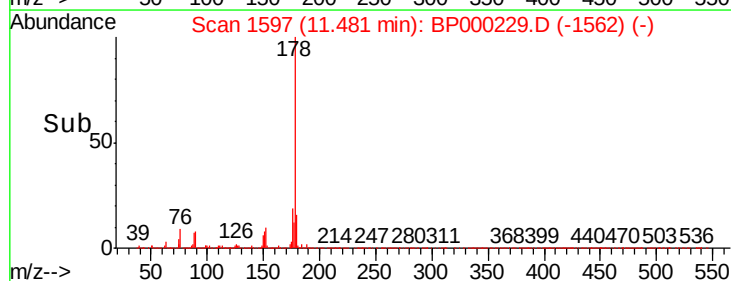
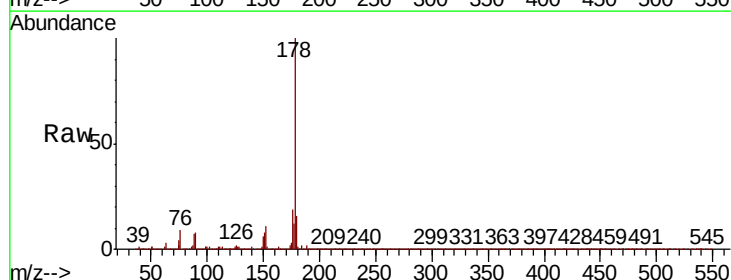
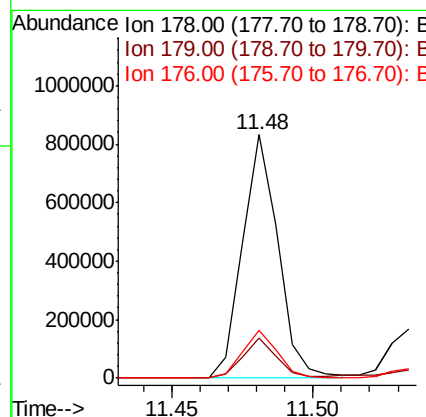
RT: 11.48 min Scan# 1597

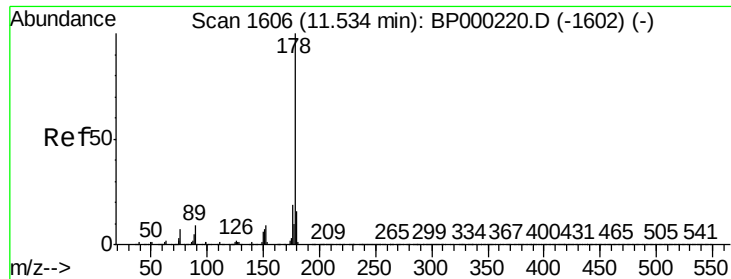
Delta R.T. 0.01 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Tgt Ion:	178	Resp:	727652
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.5	18.7
176	19.4	15.7	23.5





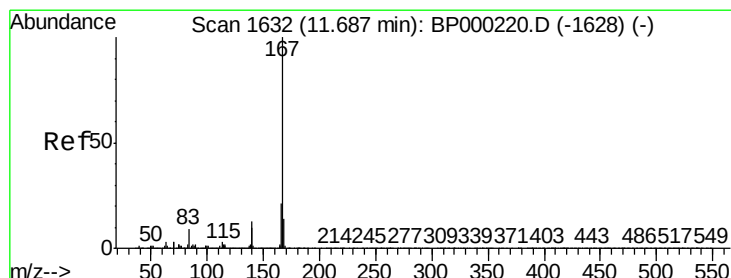
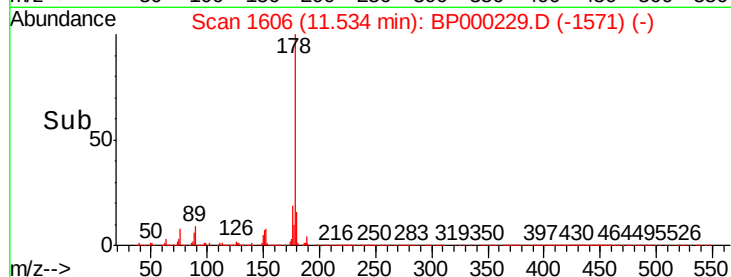
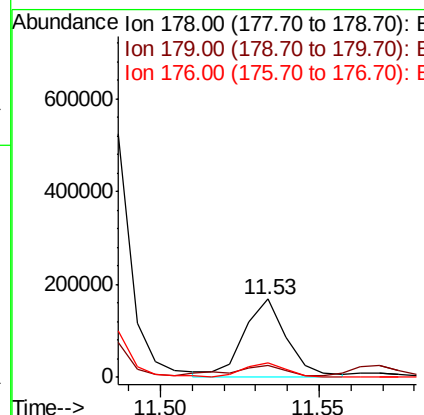
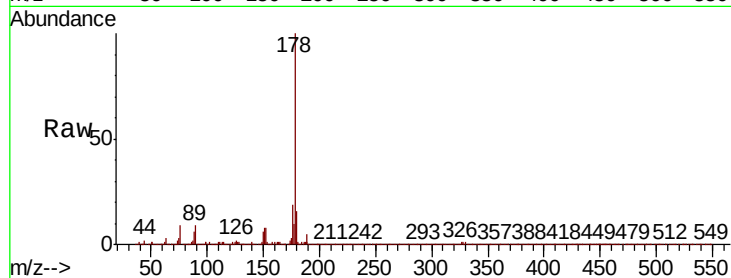
#72
 Anthracene
 Concen: 2.724 ng/ul
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BP000229.D
 Acq: 12 Sep 2019 21:23

Instrument :
 BNA_P
 ClientSampleId :
 F2D39DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.7	15.1	22.7

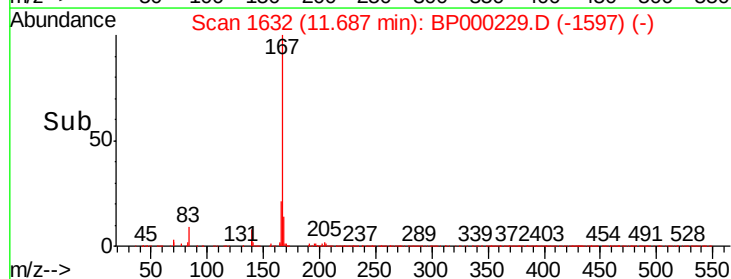
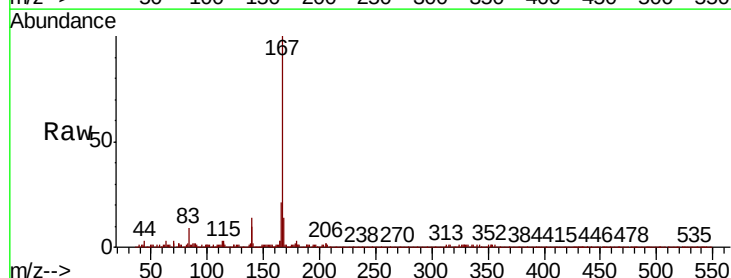
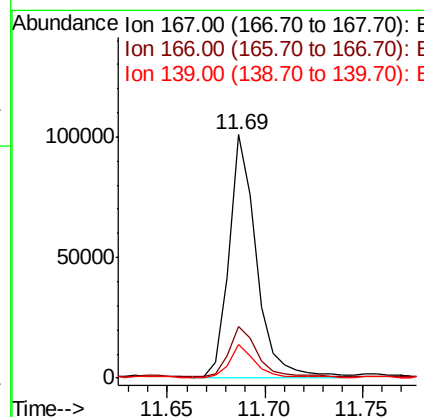
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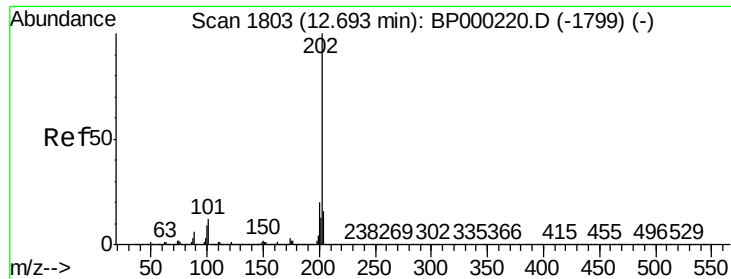
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#75
 Carbazole
 Concen: 1.964 ng/ul
 RT: 11.69 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BP000229.D
 Acq: 12 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.7	10.6	15.8





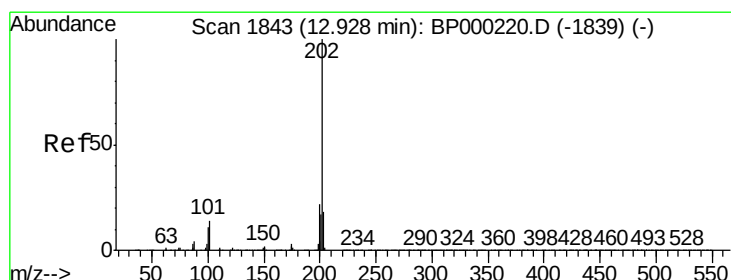
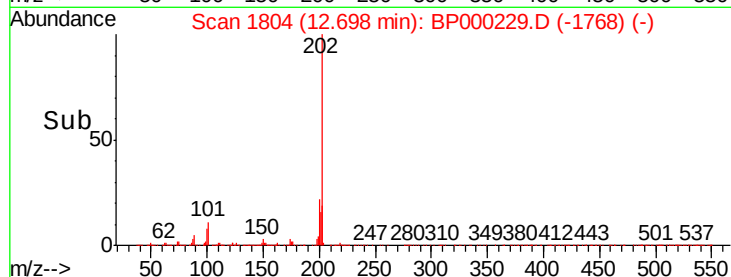
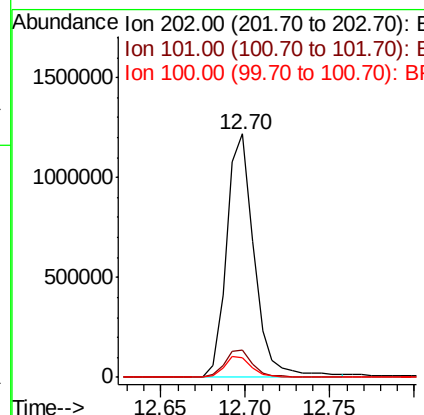
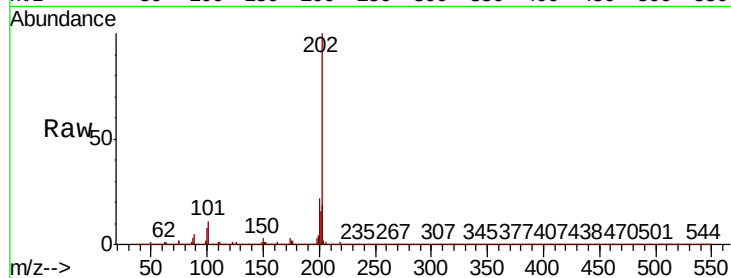
#77
Fluoranthene
Concen: 23.386 ng/ul
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Instrument :
BNA_P
ClientSampleId :
F2D39DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.3	7.4	11.2

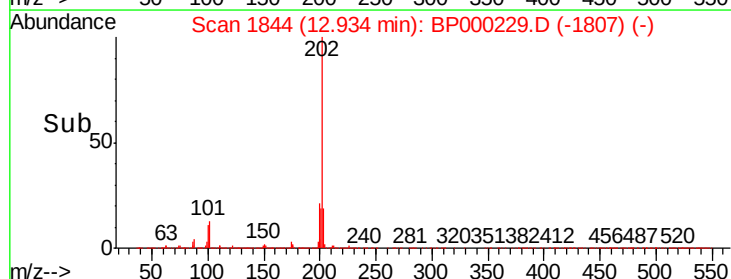
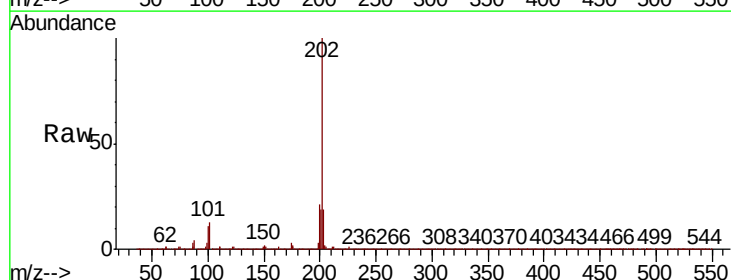
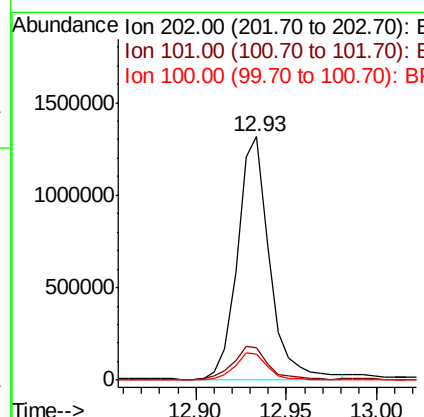
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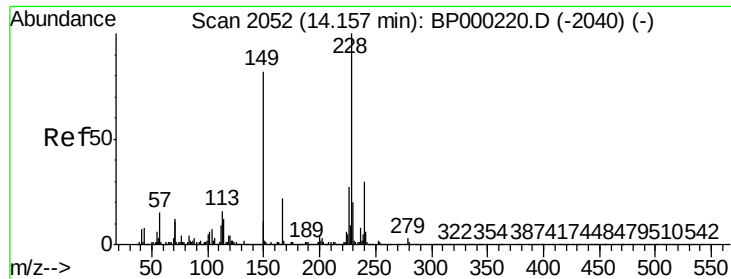
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#80
Pyrene
Concen: 29.799 ng/ul
RT: 12.93 min Scan# 1844
Delta R.T. 0.02 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	13.4	20.0#
100	10.8	10.8	16.2





#83

Benzo(a)anthracene

Concen: 21.343 ng/ul m

RT: 14.16 min Scan# 2052

Delta R.T. 0.02 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Instrument :

BNA_P

ClientSampleId :

F2D39DL

Tot Ion:228 Resp: 1108891

Ion Ratio Lower Upper

228 100

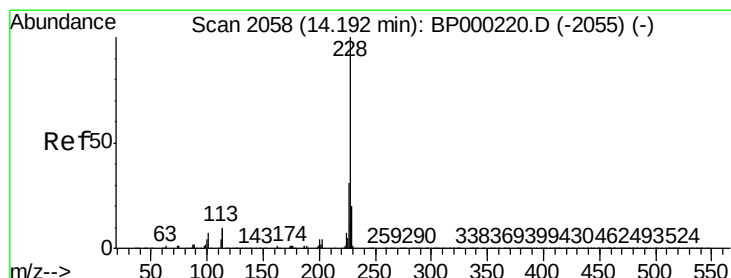
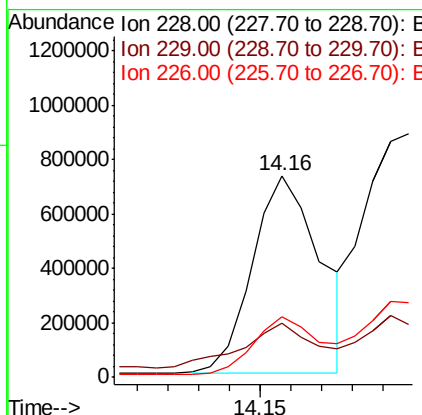
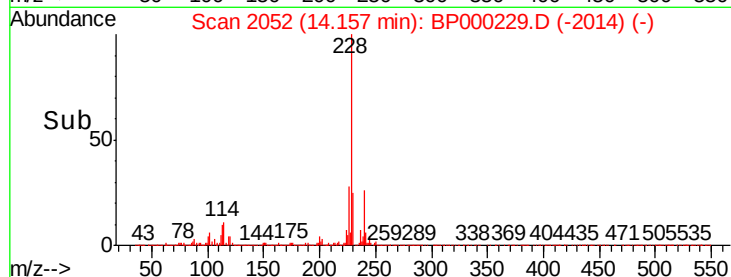
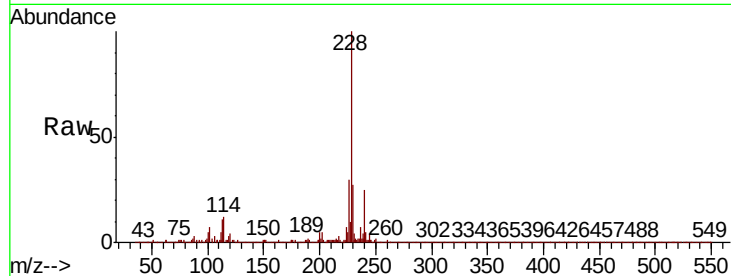
229 26.6 15.9 23.9#

226 30.4 22.1 33.1

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#85

Chrysene

Concen: 31.569 ng/ul

RT: 14.20 min Scan# 2059

Delta R.T. 0.03 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

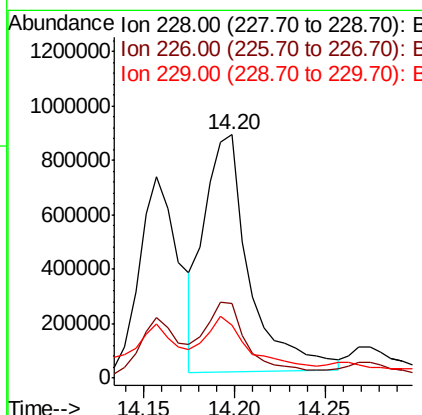
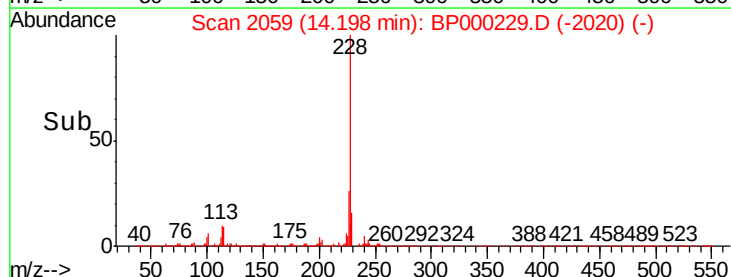
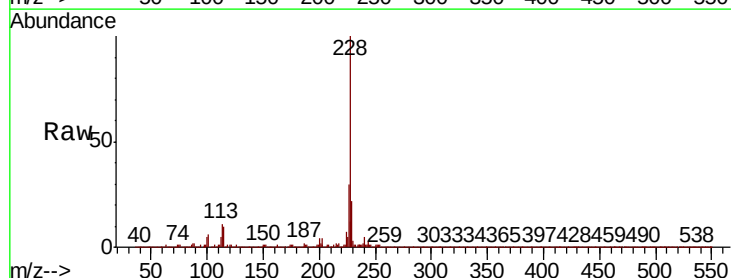
Tgt Ion:228 Resp: 1505108

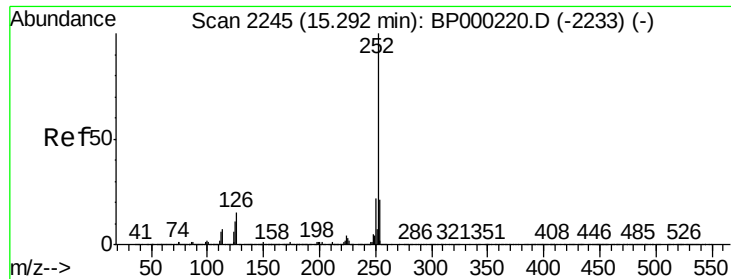
Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 21.6 16.0 24.0





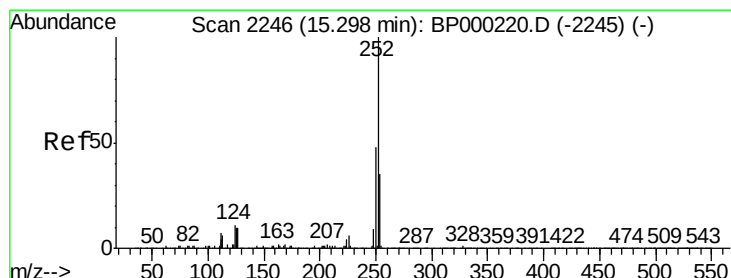
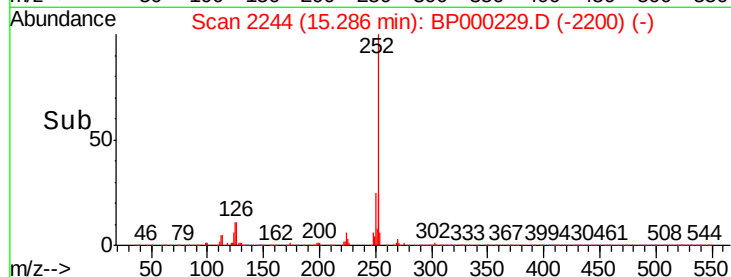
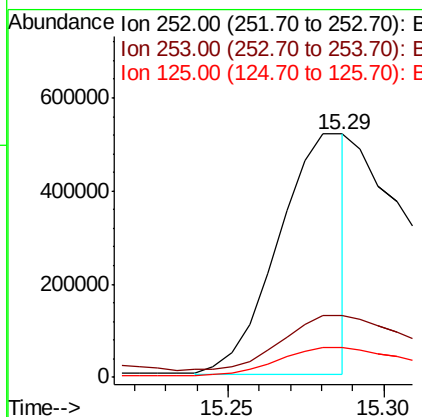
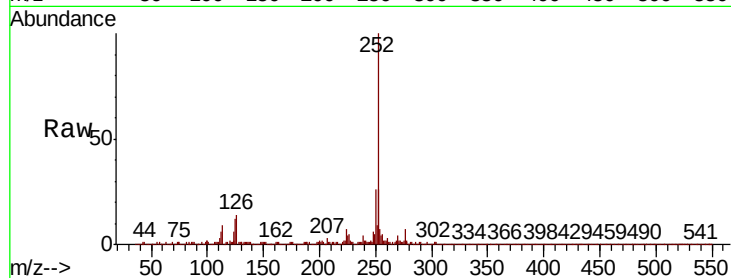
#88
Benzo(b)fluoranthene
Concen: 18.059 ng/ul m
RT: 15.29 min Scan# 2244
Delta R.T. 0.06 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Instrument :
BNA_P
ClientSampleId :
F2D39DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	12.3	9.9	14.9

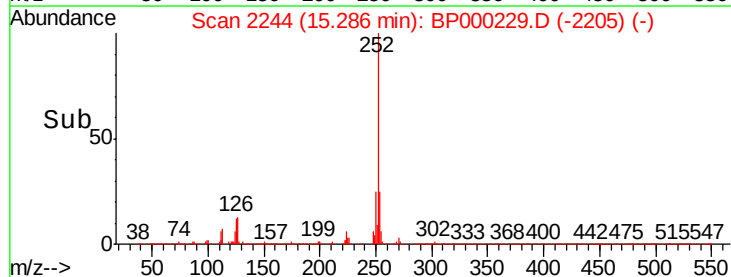
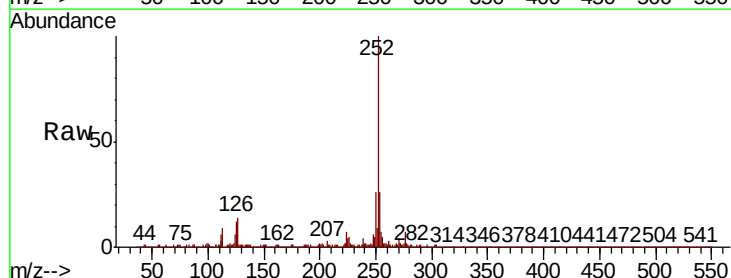
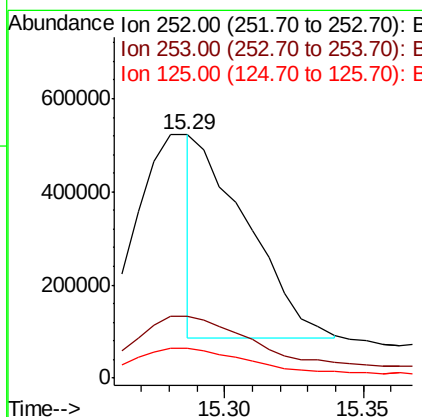
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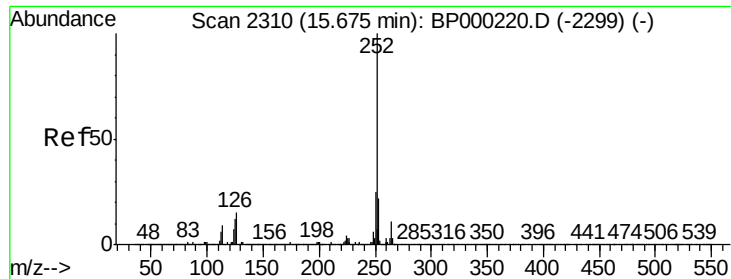
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#89
Benzo(k)fluoranthene
Concen: 13.762 ng/ul m
RT: 15.29 min Scan# 2244
Delta R.T. 0.03 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	12.3	10.2	15.2





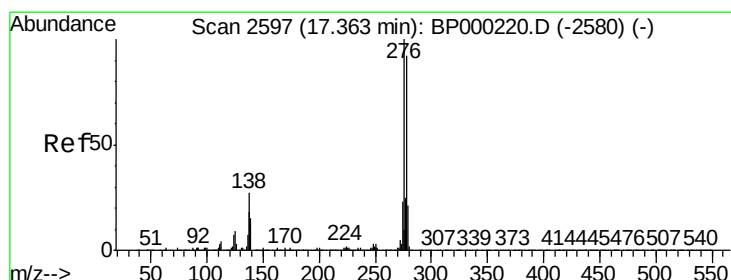
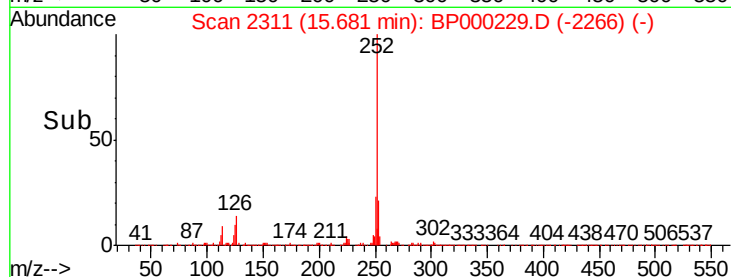
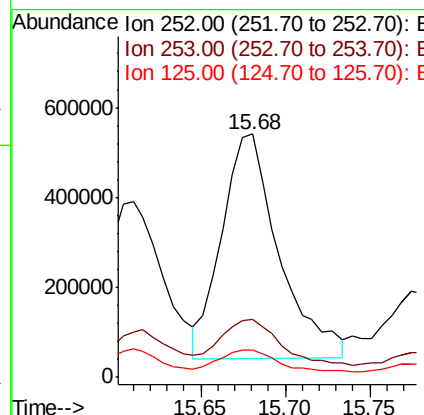
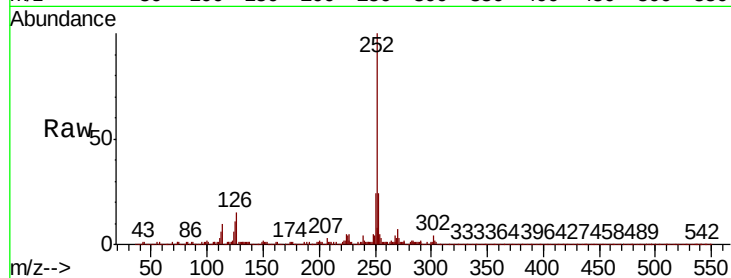
#91
Benzo(a)pyrene
Concen: 28.779 ng/ul
RT: 15.68 min Scan# 2311
Delta R.T. 0.06 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Instrument :
BNA_P
ClientSampleId :
F2D39DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.1	10.2	15.2

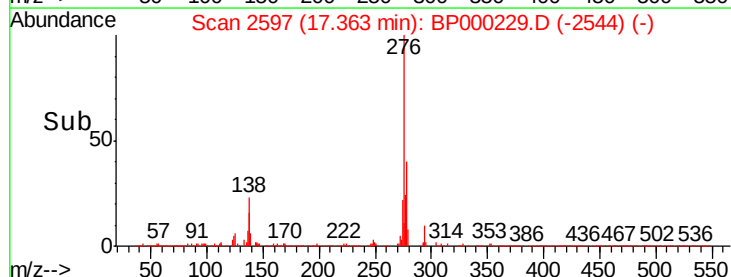
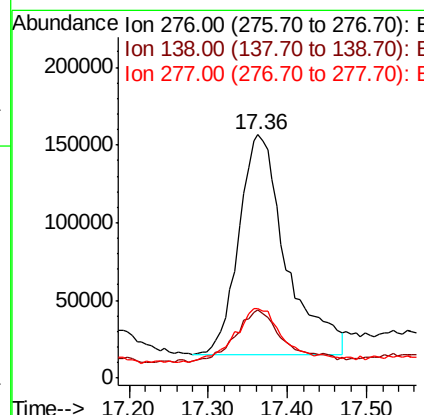
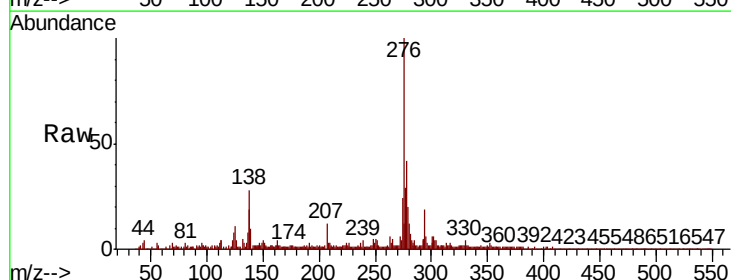
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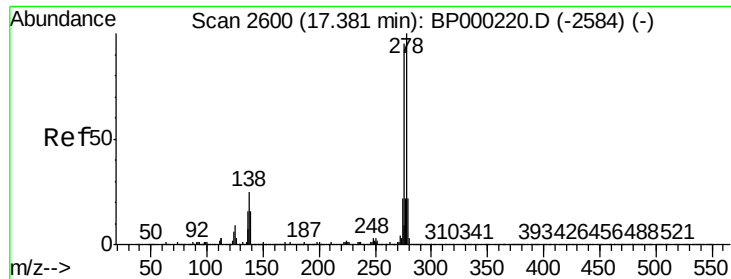
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#92
Indeno(1,2,3-cd)pyrene
Concen: 12.435 ng/ul
RT: 17.36 min Scan# 2597
Delta R.T. 0.11 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.0	30.0
277	28.5	19.4	29.0





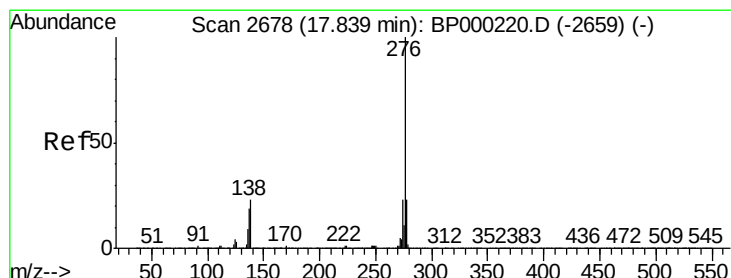
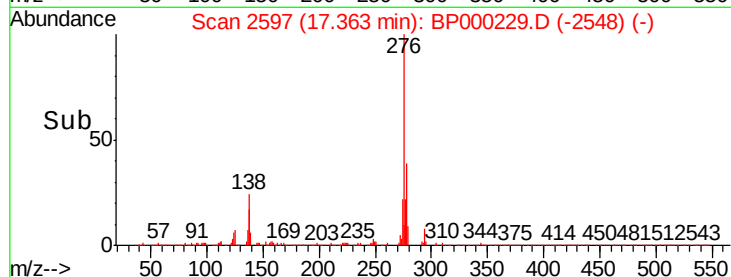
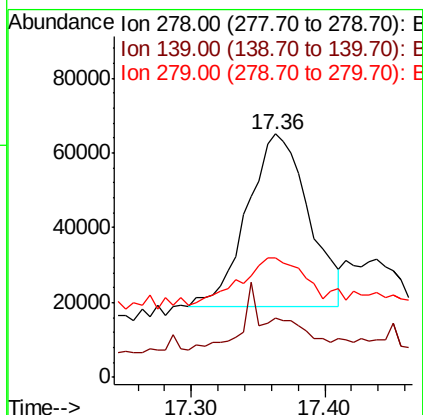
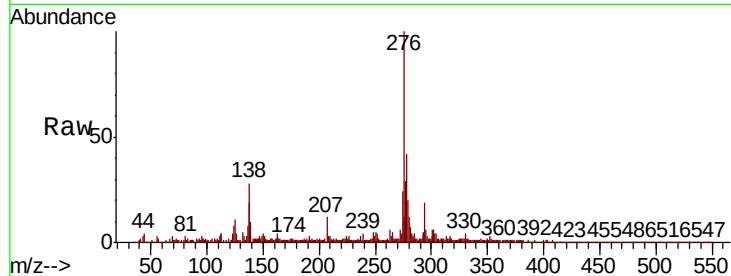
#93
Dibenzo(a,h)anthracene
Concen: 3.815 ng/ul
RT: 17.36 min Scan# 2597
Delta R.T. 0.09 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Instrument :
BNA_P
ClientSampleID :
F2D39DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.5	15.1	22.7#
279	49.1	19.2	28.8#

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#94
Benzo(g,h,i)perylene
Concen: 16.497 ng/ul
RT: 17.85 min Scan# 2680
Delta R.T. 0.13 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.0	30.0
277	23.9	19.1	28.7

