

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000218.D
 Acq On : 12 Sep 2019 15:15
 Operator : HP/JU
 Sample : K4634-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D23

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:09:15 AM

Quant Time: Sep 13 04:57:33 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	423496	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1591315	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	844755	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1458900	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	1106221	20.00	ng/ul	0.02
86) Perylene-d12	15.74	264	1157482	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	25414	2.13	ng/uL	0.01
5) Phenol-d5	6.51	99	461561	12.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	242066	12.83	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	390460	13.39	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	339555	12.53	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	175601	14.53	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	181337	15.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	337000	13.50	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	218321	7.07	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	888590	14.25	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1086961	14.10	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	116579	10.46	ng/ul	0.00
58) Fluorene-d10	10.47	176	719296	13.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	32557	4.86	ng/ul	0.01
71) Anthracene-d10	11.51	188	990199	14.02	ng/ul	0.00
79) Pyrene-d10	12.91	212	951537	14.46	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.65	264	825128	13.75	ng/ul	0.06

Target Compounds

					Ovalue	
6) Phenol	6.52	94	81823	2.176	ng/ul	96
45) Dimethylphthalate	9.66	163	235578	3.743	ng/ul	100
48) Acenaphthylene	9.80	152	176892	2.195	ng/ul	98
50) Acenaphthene	9.98	153	96329	1.726	ng/ul	99
59) Fluorene	10.50	166	60829	1.027	ng/ul	94
70) Phenanthrene	11.48	178	1821989	21.118	ng/ul	98
72) Anthracene	11.53	178	412561	4.860	ng/ul	98
75) Carbazole	11.69	167	289044	3.982	ng/ul	98
77) Fluoranthene	12.70	202	3620973	41.611	ng/ul	99
80) Pyrene	12.93	202	3139502	37.617	ng/ul	94
81) Butylbenzylphthalate	13.57	149	46016	1.405	ng/ul	99
83) Benzo(a)anthracene	14.16	228	2048800	25.586	ng/ul	95
85) Chrysene	14.19	228	2048179	27.874	ng/ul	99
88) Benzo(b)fluoranthene	15.29	252	2852064m	37.177	ng/ul	
89) Benzo(k)fluoranthene	15.30	252	907876m	12.554	ng/ul	
91) Benzo(a)pyrene	15.67	252	1734176	24.093	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	17.35	276	1125403	13.591	ng/ul	98
93) Dibenzo(a,h)anthracene	17.35	278	401111	5.848	ng/ul	94
94) Benzo(g,h,i)perylene	17.83	276	976130	14.138	ng/ul	98

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

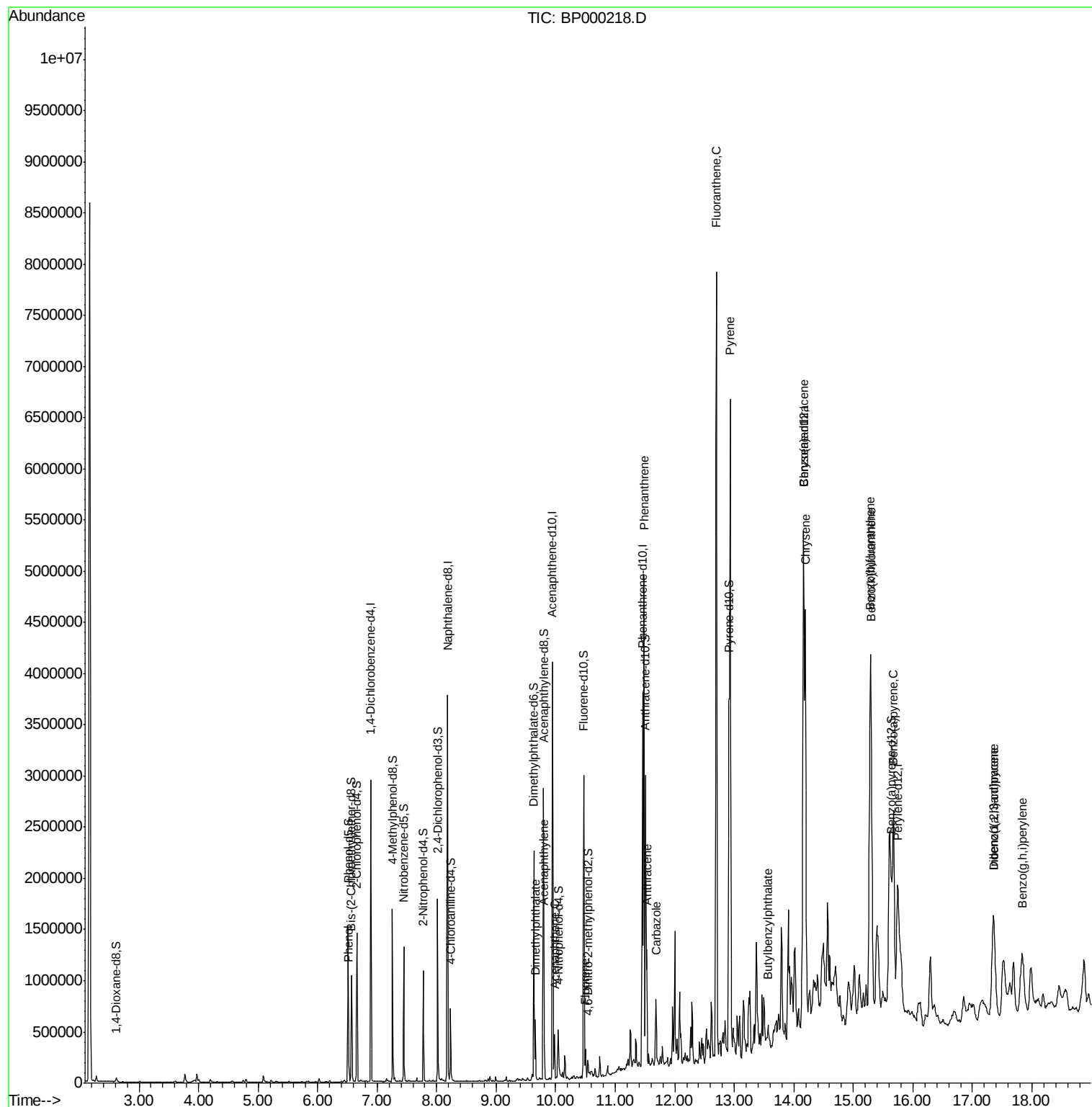
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000218.D
Acq On : 12 Sep 2019 15:15
Operator : HP/JU
Sample : K4634-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

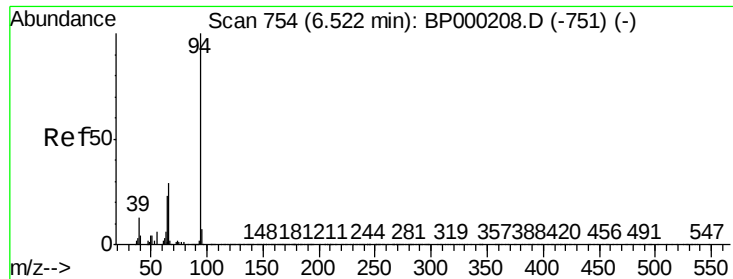
Instrument :
BNA_P
ClientSampleId :
F2D23

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Quant Time: Sep 13 04:57:33 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





#6

Phenol

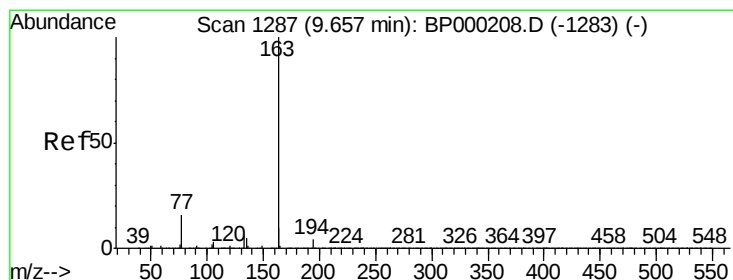
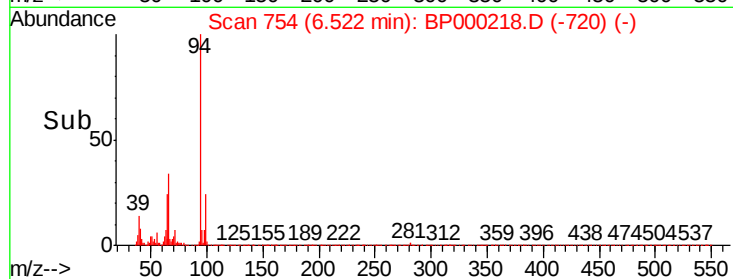
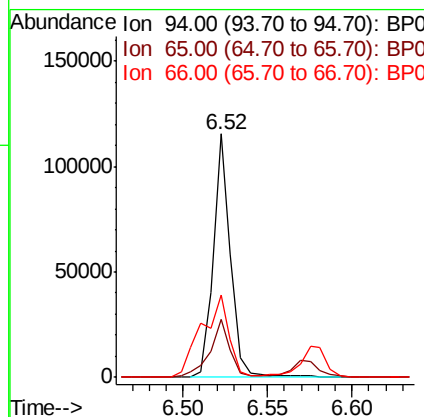
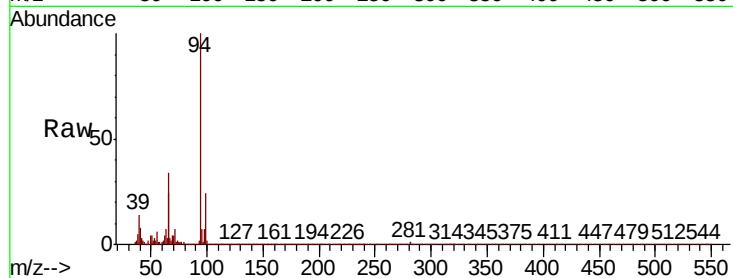
Concen: 2.176 ng/ul
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BP000218.D
 Acq: 12 Sep 2019 15:15

Instrument :
 BNA_P
 ClientSampleId :
 F2D23

Tot Ion	Ratio	Lower	Upper
94	100		
65	23.7	18.8	28.2
66	33.7	24.2	36.2

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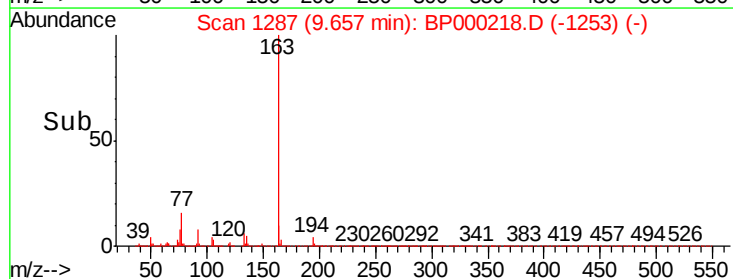
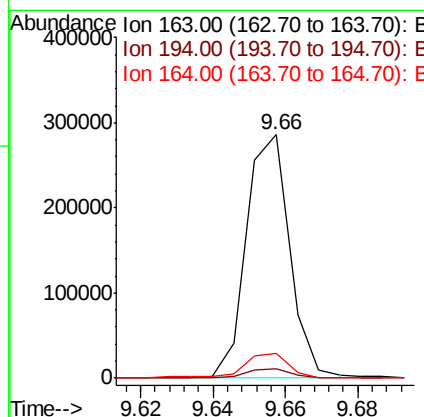
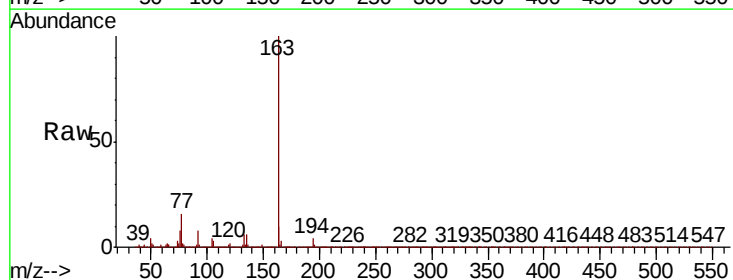


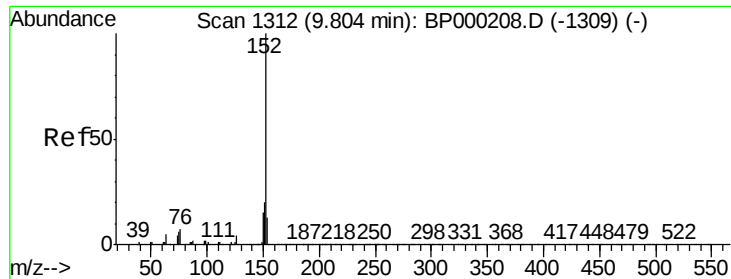
#45

Dimethylphthalate

Concen: 3.743 ng/ul
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BP000218.D
 Acq: 12 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.4	12.6





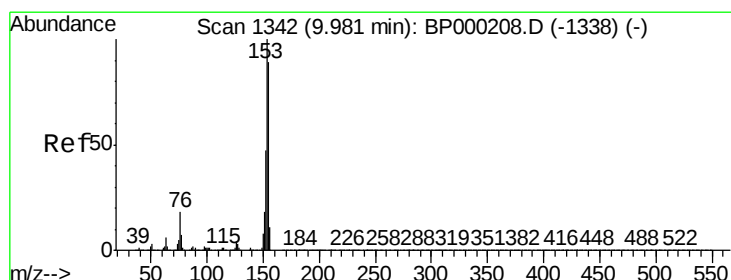
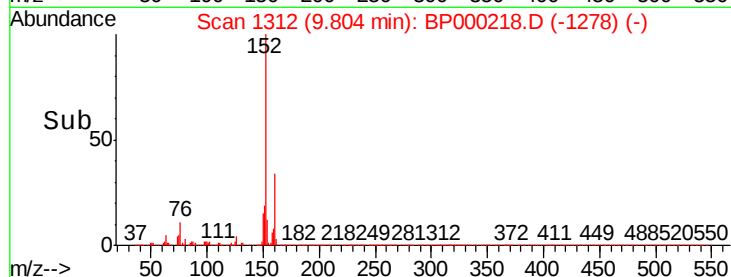
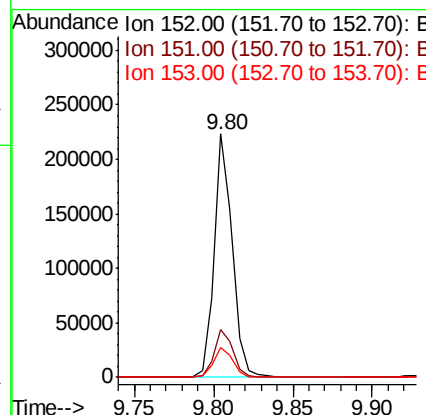
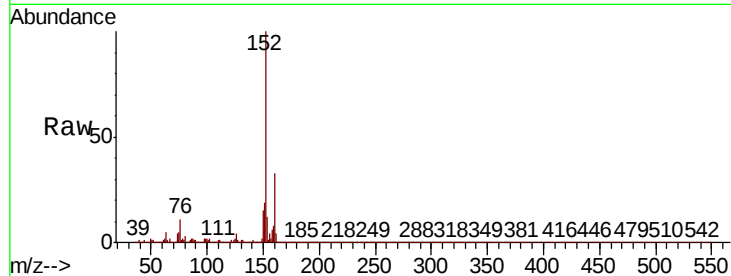
#48
Acenaphthylene
Concen: 2.195 ng/ul
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Instrument :
BNA_P
ClientSampleId :
F2D23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		176892		
151	19.4	16.1	24.1		
153	12.3	10.8	16.2		

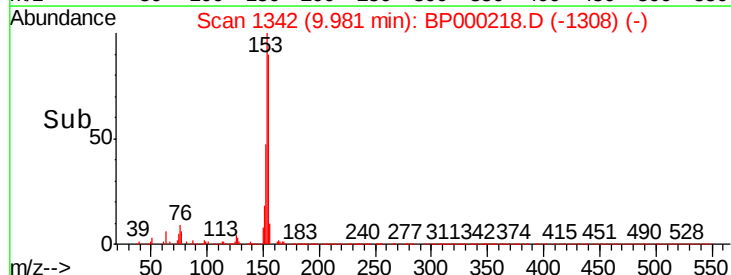
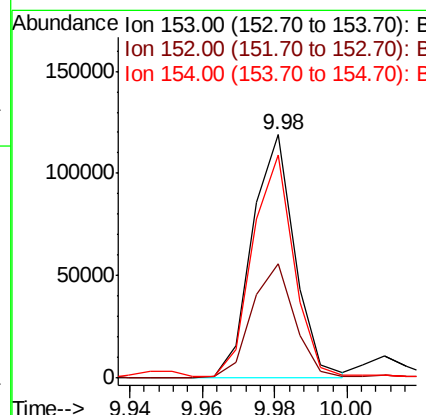
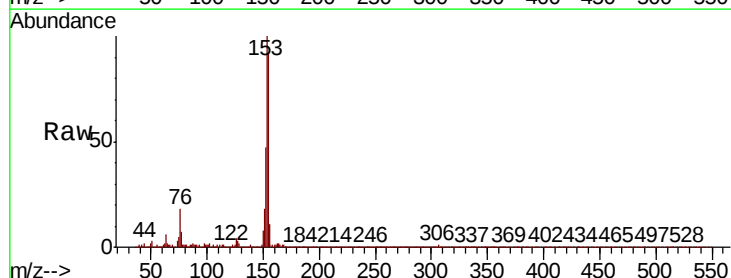
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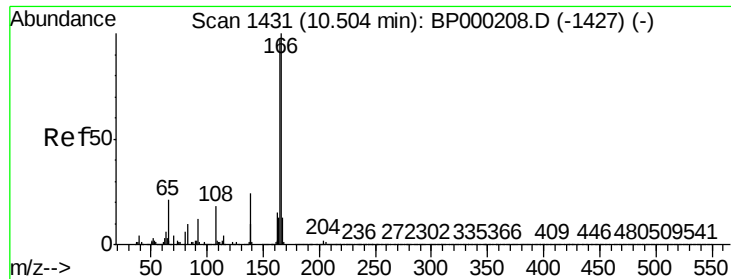
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#50
Acenaphthene
Concen: 1.726 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		96329		
152	47.0	38.0	57.0		
154	91.6	72.6	108.8		





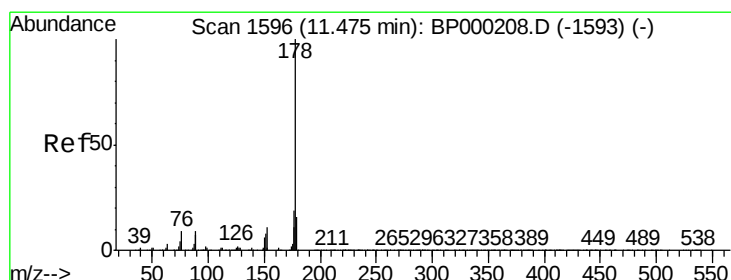
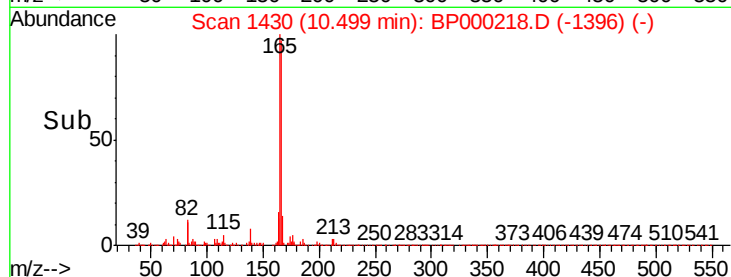
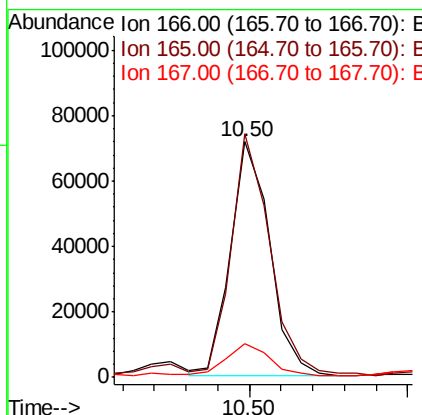
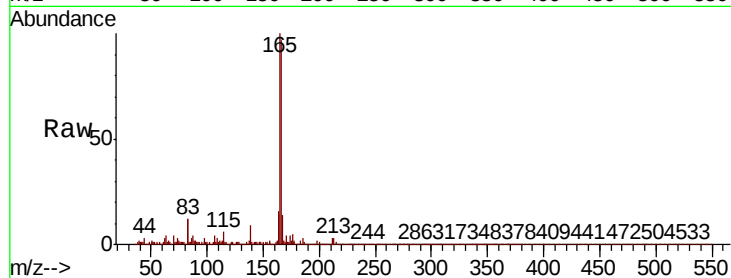
#59
Fluorene
Concen: 1.027 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Instrument :
BNA_P
ClientSampleId :
F2D23

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.3	77.8	116.8
167	14.4	10.9	16.3

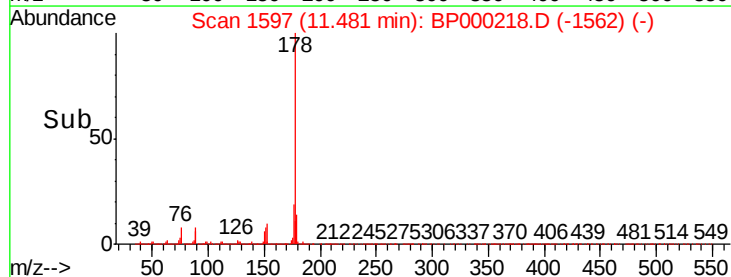
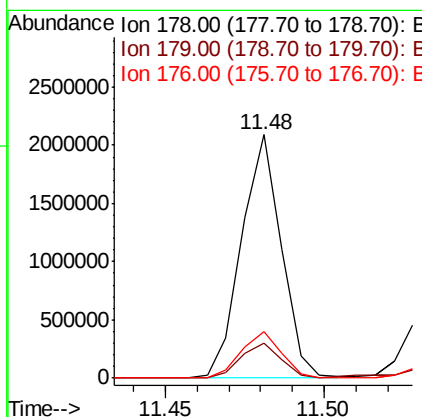
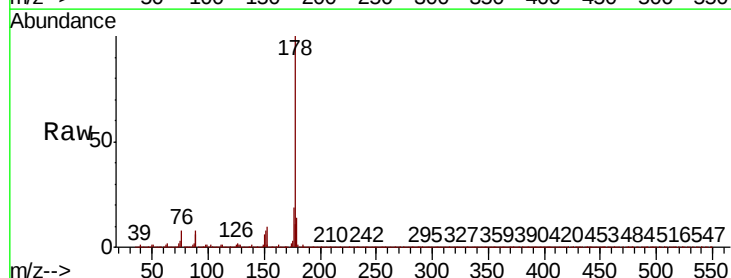
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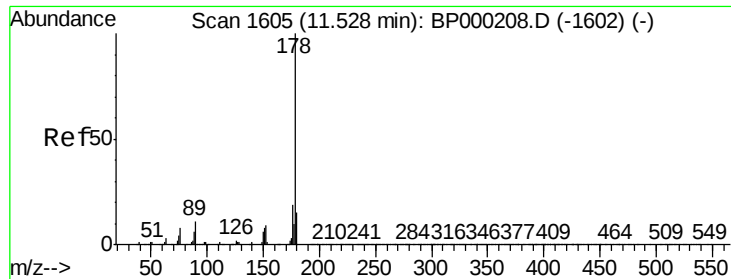
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#70
Phenanthrene
Concen: 21.118 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.5	18.7
176	19.1	15.7	23.5





#72

Anthracene

Concen: 4.860 ng/ul

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BP000218.D

Acq: 12 Sep 2019 15:15

Instrument :

BNA_P

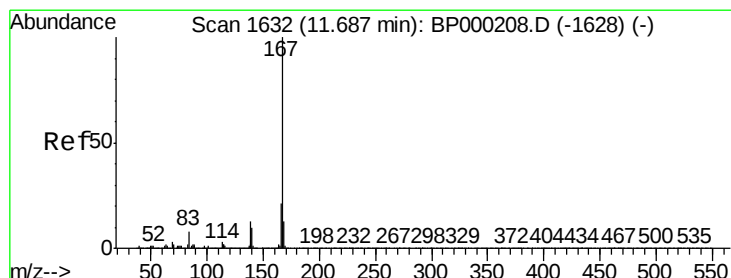
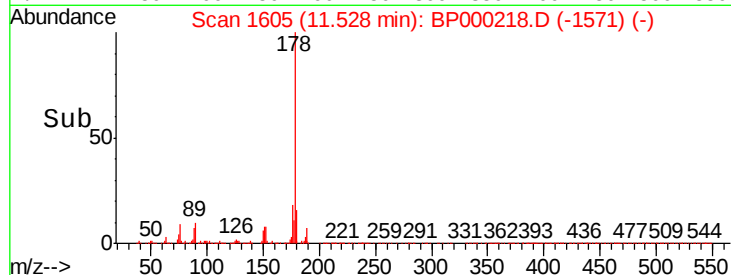
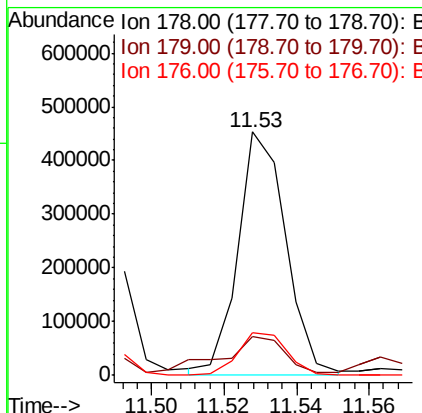
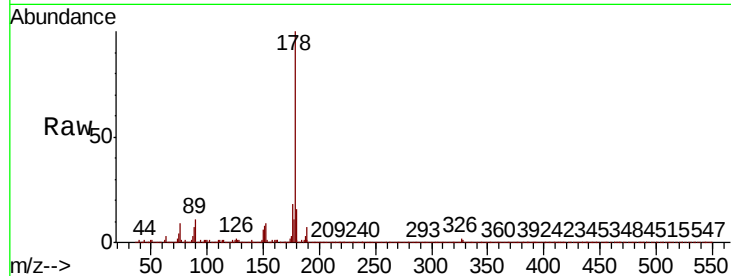
ClientSampled :

F2D23

Tot Ion:	178	Resp:	412561
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	17.8	15.1	22.7

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#75

Carbazole

Concen: 3.982 ng/ul

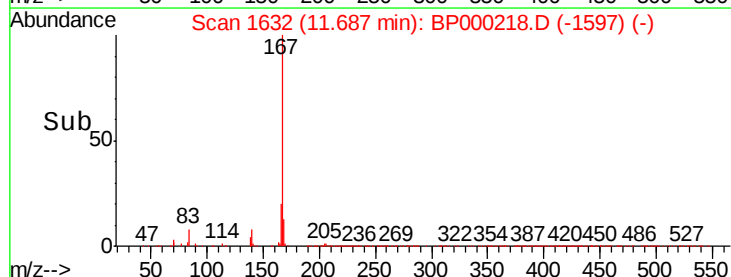
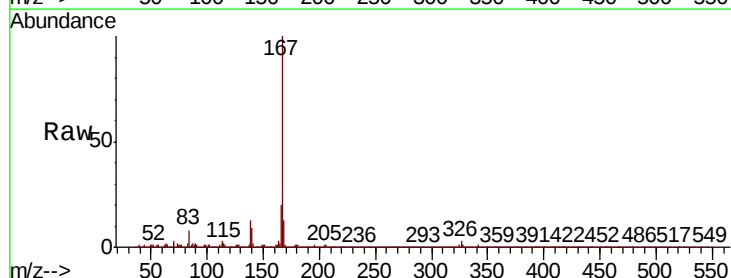
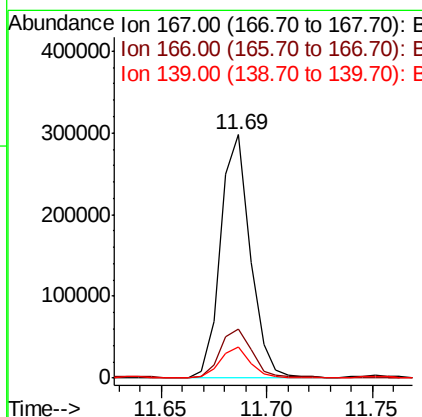
RT: 11.69 min Scan# 1632

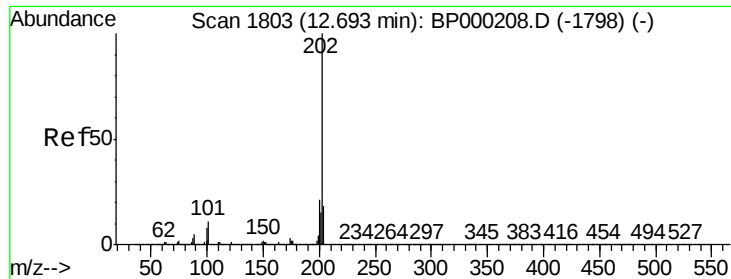
Delta R.T. 0.01 min

Lab File: BP000218.D

Acq: 12 Sep 2019 15:15

Tgt Ion:	167	Resp:	289044
Ion Ratio	Lower	Upper	
167	100		
166	20.3	17.3	25.9
139	12.7	10.6	15.8





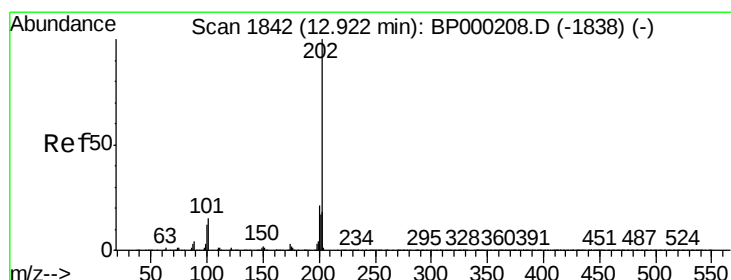
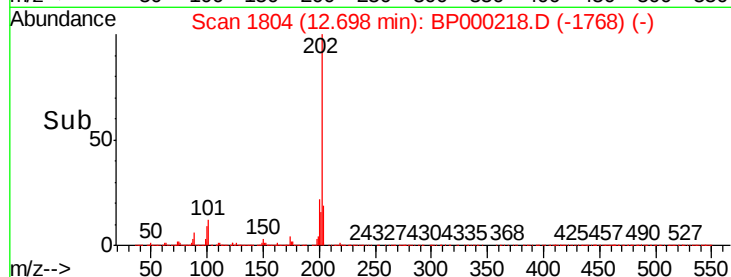
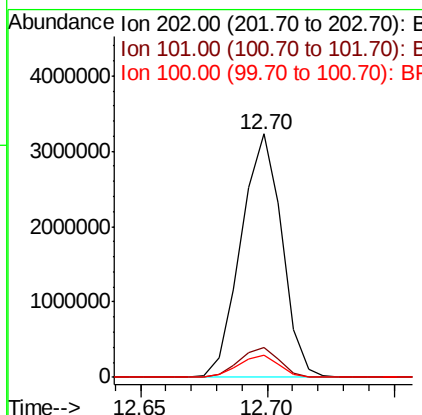
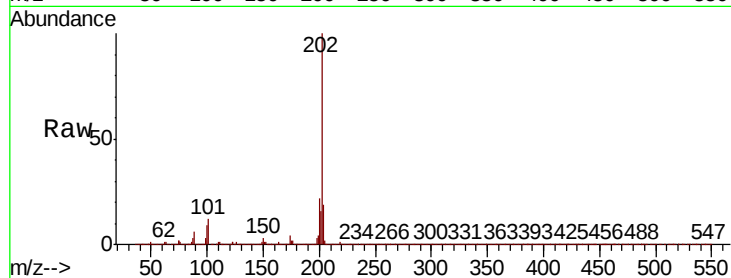
#77
Fluoranthene
Concen: 41.611 ng/ul
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Instrument :
BNA_P
ClientSampleId :
F2D23

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.0	15.0
100	9.2	7.4	11.2

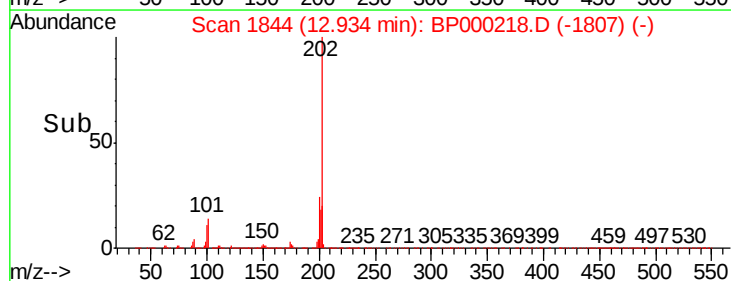
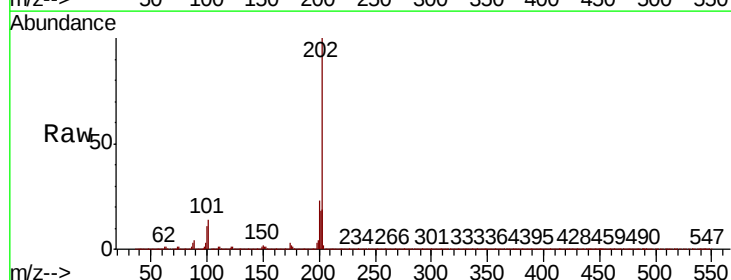
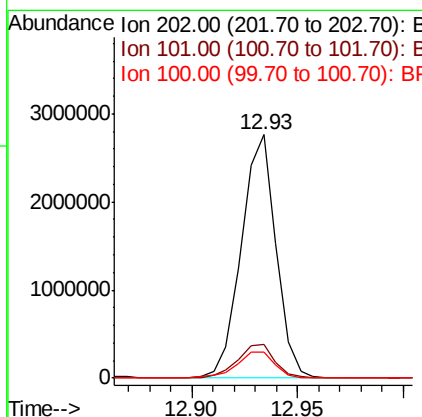
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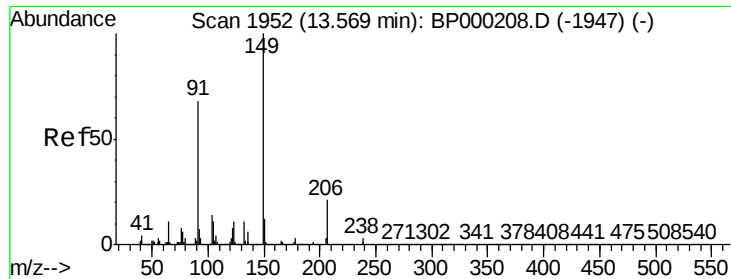
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#80
Pyrene
Concen: 37.617 ng/ul
RT: 12.93 min Scan# 1844
Delta R.T. 0.02 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	13.4	20.0
100	10.9	10.8	16.2





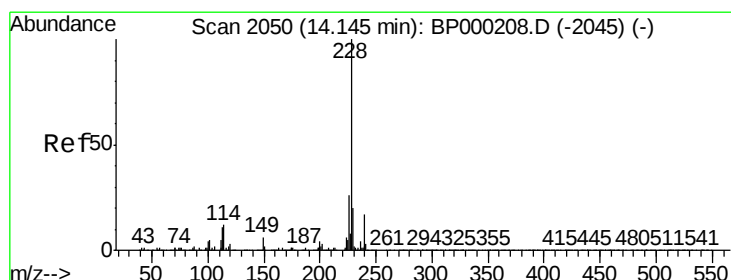
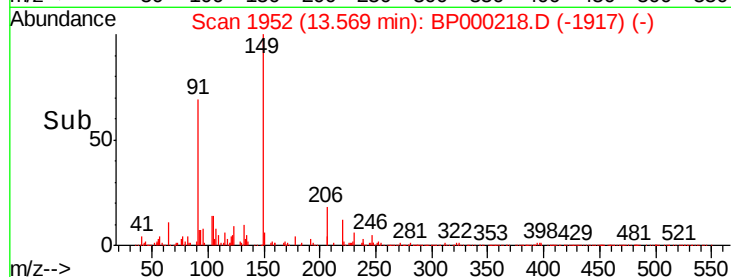
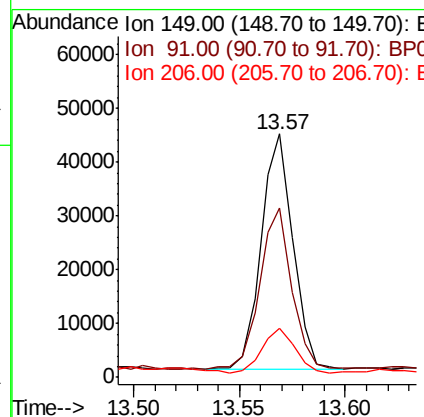
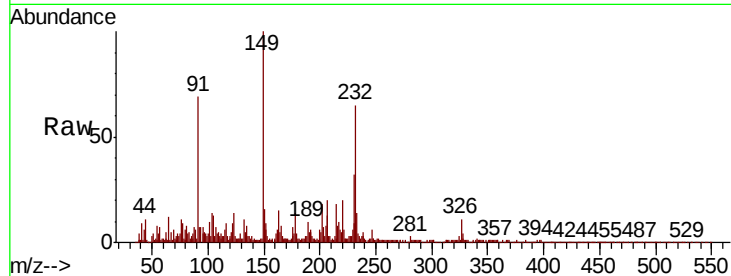
#81
Butylbenzylphthalate
Concen: 1.405 ng/ul
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Instrument :
BNA_P
ClientSampleId :
F2D23

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.0	82.4
206	20.2	16.6	24.8

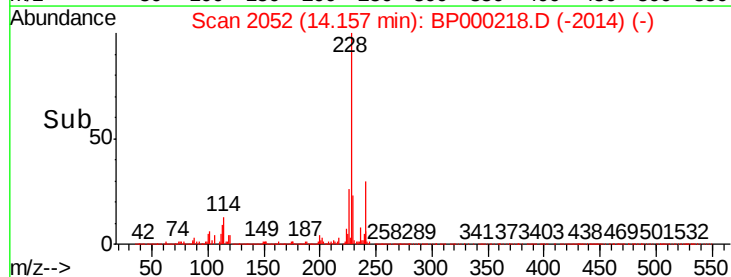
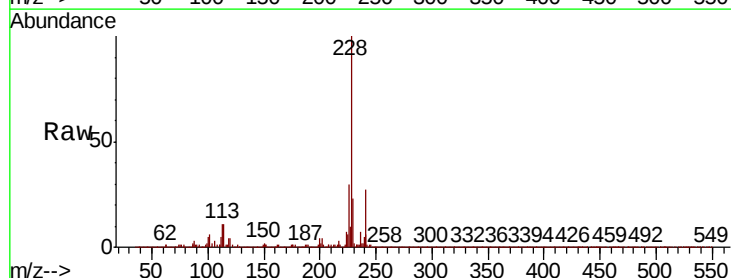
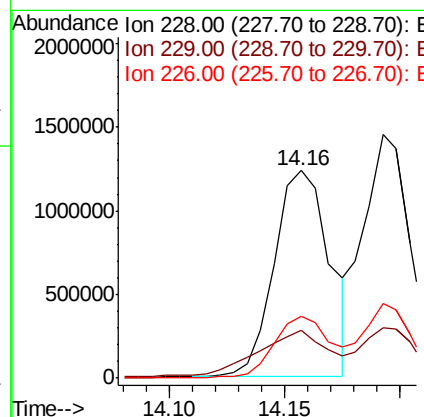
Manual Integrations
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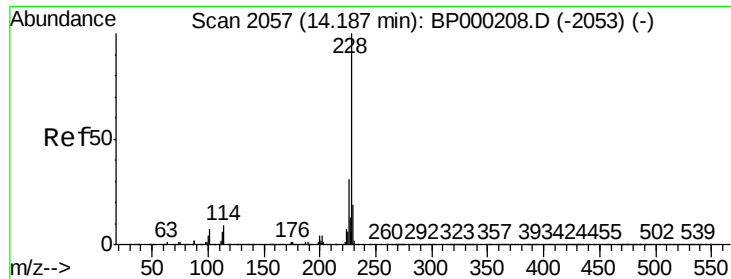
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#83
Benzo(a)anthracene
Concen: 25.586 ng/ul
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.9	23.9
226	29.6	22.1	33.1





#85

Chrysene

Concen: 27.874 ng/ul

RT: 14.19 min Scan# 2058

Delta R.T. 0.02 min

Lab File: BP000218.D

Acq: 12 Sep 2019 15:15

Instrument :

BNA_P

ClientSampleId :

F2D23

Tot Ion:228 Resp: 2048179

Ion Ratio Lower Upper

228 100

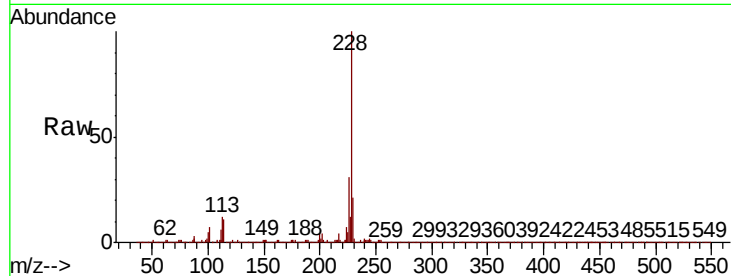
226 30.9 24.4 36.6

229 20.8 16.0 24.0

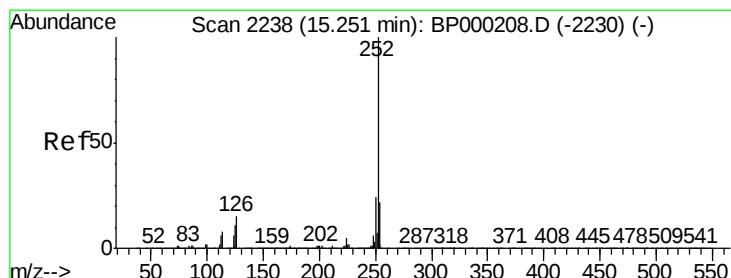
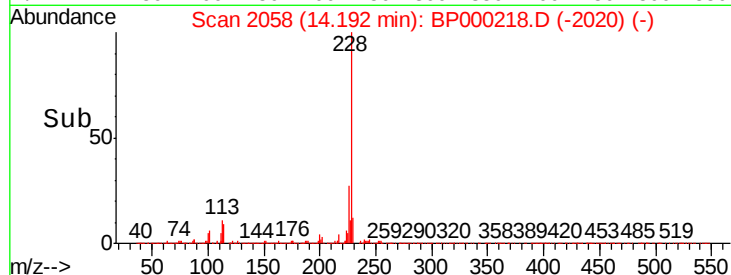
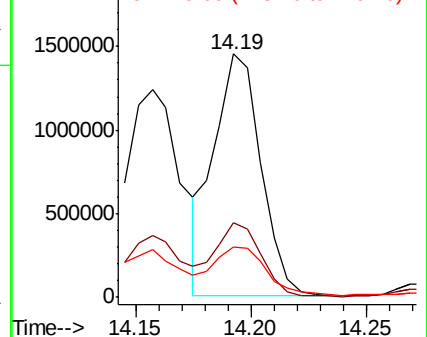
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 37.177 ng/ul m

RT: 15.29 min Scan# 2244

Delta R.T. 0.06 min

Lab File: BP000218.D

Acq: 12 Sep 2019 15:15

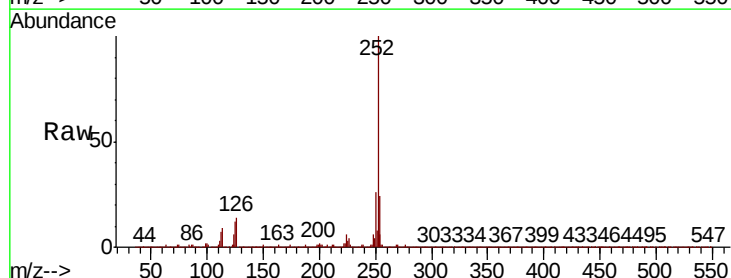
Tgt Ion:252 Resp: 2852064

Ion Ratio Lower Upper

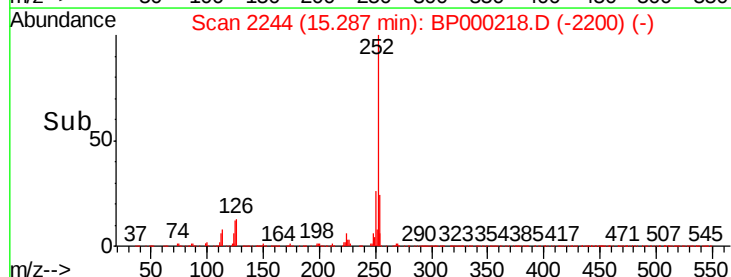
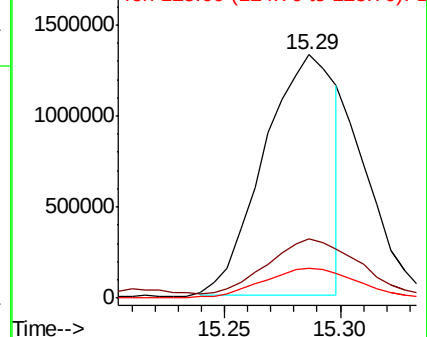
252 100

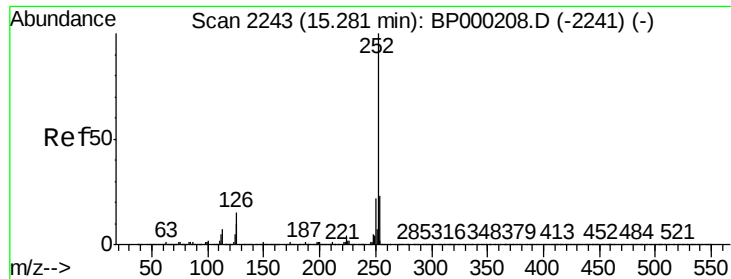
253 24.1 17.5 26.3

125 12.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
1500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





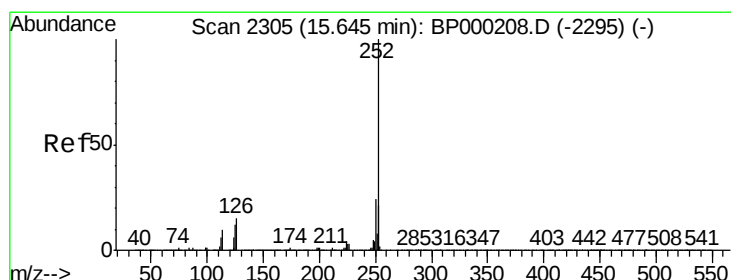
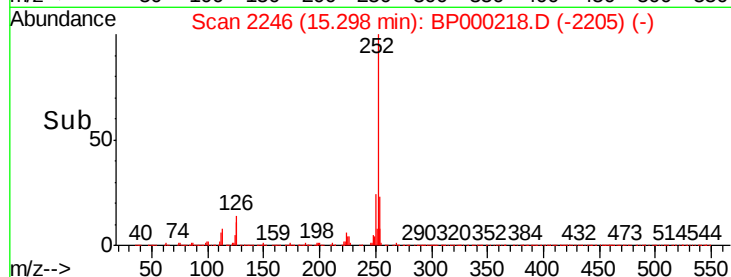
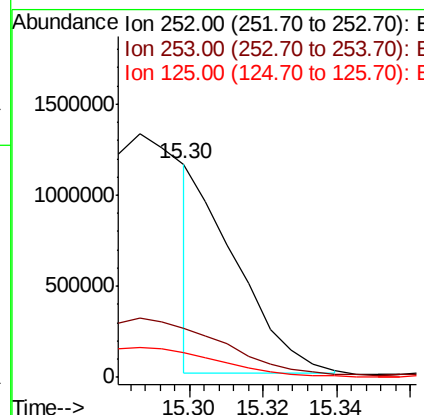
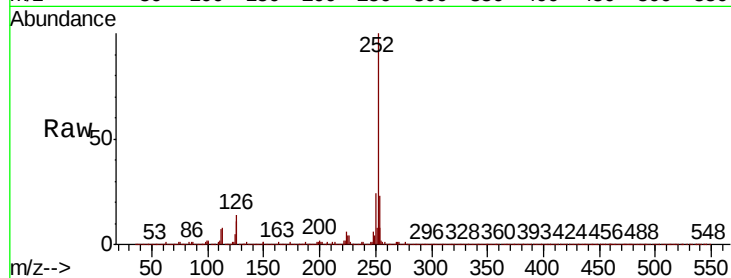
#89
Benzo(k)fluoranthene
Concen: 12.554 ng/ul m
RT: 15.30 min Scan# 2246
Delta R.T. 0.04 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Instrument :
BNA_P
ClientSampleId :
F2D23

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.5	10.2	15.2

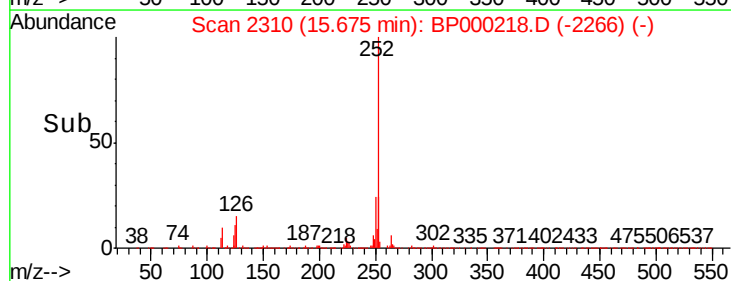
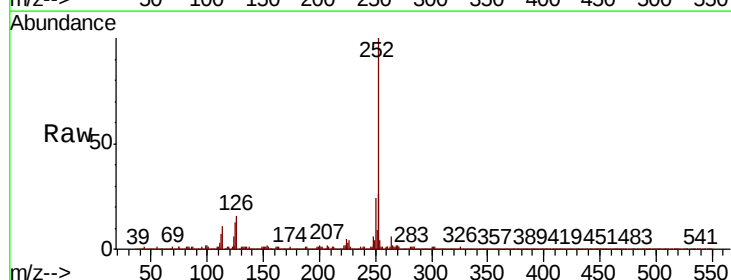
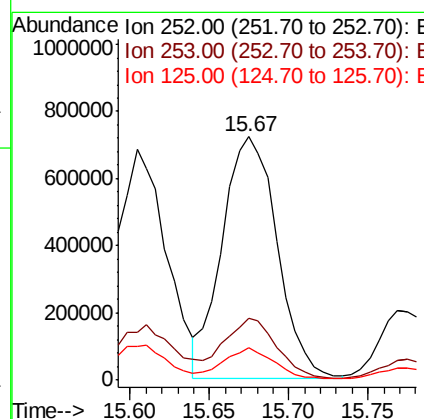
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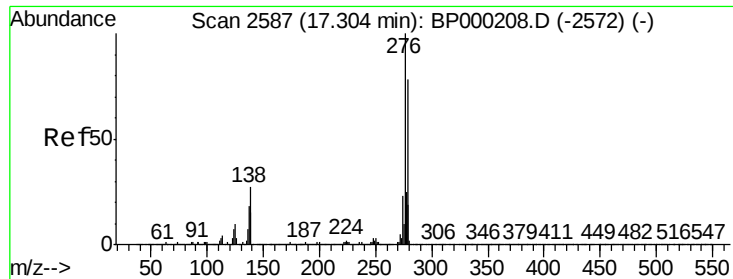
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#91
Benzo(a)pyrene
Concen: 24.093 ng/ul
RT: 15.67 min Scan# 2310
Delta R.T. 0.06 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	13.1	10.2	15.2





#92

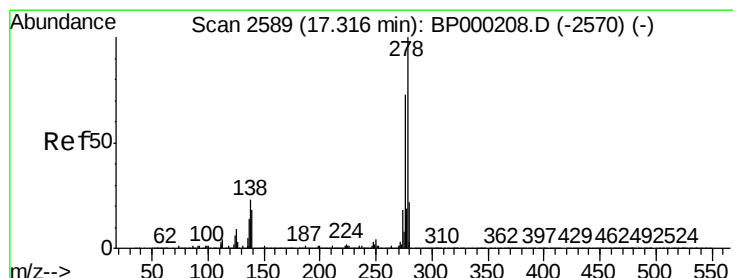
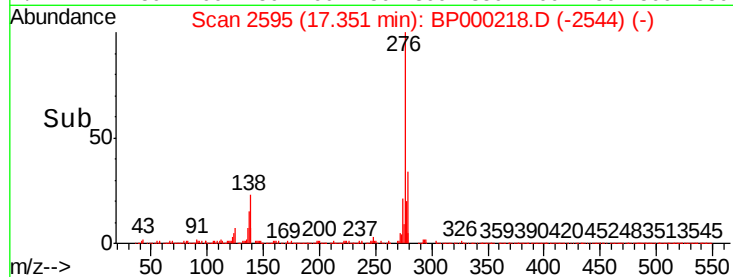
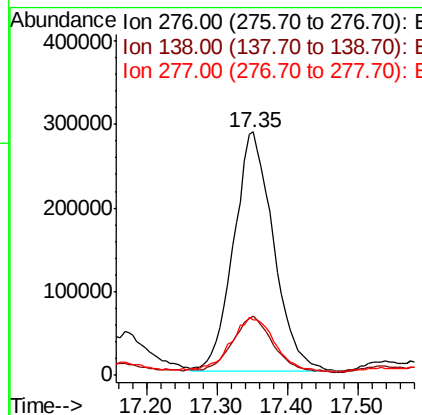
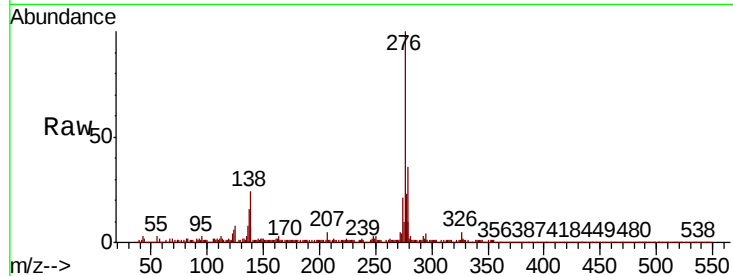
Indeno(1,2,3-cd)pyrene
Concen: 13.591 ng/ul
RT: 17.35 min Scan# 2595
Delta R.T. 0.10 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Instrument :
BNA_P
ClientSampleId :
F2D23

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.0	30.0
277	22.9	19.4	29.0

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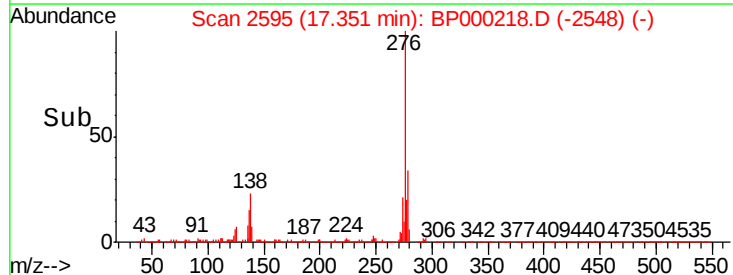
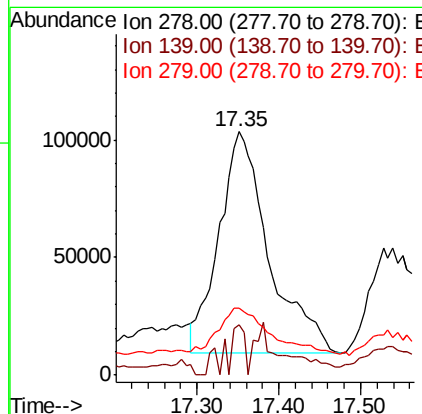
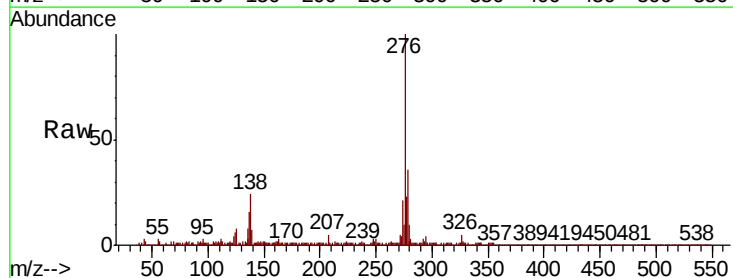
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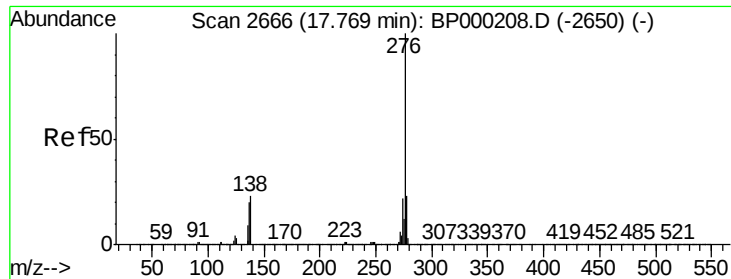


#93

Dibenzo(a,h)anthracene
Concen: 5.848 ng/ul
RT: 17.35 min Scan# 2595
Delta R.T. 0.08 min
Lab File: BP000218.D
Acq: 12 Sep 2019 15:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.1	22.7
279	27.7	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 14.138 ng/ul

RT: 17.83 min Scan# 2677

Delta R.T. 0.11 min

Lab File: BP000218.D

Acq: 12 Sep 2019 15:15

Instrument :

BNA_P

ClientSampleId :

F2D23

Tot Ion:	276	Resp:	976130
Ion Ratio	Lower	Upper	
276	100		
138	25.1	20.0	30.0
277	25.7	19.1	28.7

Manual Integrations
APPROVED

mohammad
9/16/2019 9:09:15 AM

