

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000210.D
 Acq On : 12 Sep 2019 11:16
 Operator : HP/JU
 Sample : K4634-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D37

Manual Integrations
 APPROVED

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 9/16/2019 9:04:27 AM

Quant Time: Sep 13 04:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 13 02:45:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	363850	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1396378	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	776613	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1327274	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	713235	20.00	ng/ul	0.02
86) Perylene-d12	15.76	264	901526m	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	29373	2.86	ng/uL	0.00
5) Phenol-d5	6.51	99	570965	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	297968	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	480764	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	456460	19.61	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	232019	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	244650	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	429274	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	209718	7.74	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1218438	21.25	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1466700	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	120716	11.78	ng/ul	0.00
58) Fluorene-d10	10.47	176	992638	20.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	71183	11.67	ng/ul	0.00
71) Anthracene-d10	11.51	188	1331616	20.72	ng/ul	0.00
79) Pyrene-d10	12.91	212	1226676	28.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.67	264	926703	19.83	ng/ul	0.05

Target Compounds

					Ovalue
6) Phenol	6.52	94	94514	2.926	ng/ul 97
45) Dimethylphthalate	9.66	163	275511	4.761	ng/ul 98
50) Acenaphthene	9.98	153	126571	2.467	ng/ul 92
70) Phenanthrene	11.48	178	3635256	46.314	ng/ul 96
72) Anthracene	11.53	178	738413	9.560	ng/ul 99
75) Carbazole	11.69	167	505436	7.654	ng/ul 99
77) Fluoranthene	12.71	202	8850173	111.790	ng/ul 97
80) Pyrene	12.95	202	8810133	163.725	ng/ul# 92
83) Benzo(a)anthracene	14.17	228	8083537	156.570	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	14.17	149	43050m	1.468	ng/ul
85) Chrysene	14.22	228	6304998m	133.083	ng/ul
88) Benzo(b)fluoranthene	15.32	252	8355476m	139.838	ng/ul
89) Benzo(k)fluoranthene	15.33	252	2227138m	39.542	ng/ul
91) Benzo(a)pyrene	15.72	252	5863232m	104.587	ng/ul
92) Indeno(1,2,3-cd)pyrene	17.40	276	3888777m	60.296	ng/ul
93) Dibenzo(a,h)anthracene	17.39	278	1465764m	27.438	ng/ul
94) Benzo(g,h,i)perylene	17.89	276	4318873m	80.315	ng/ul

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

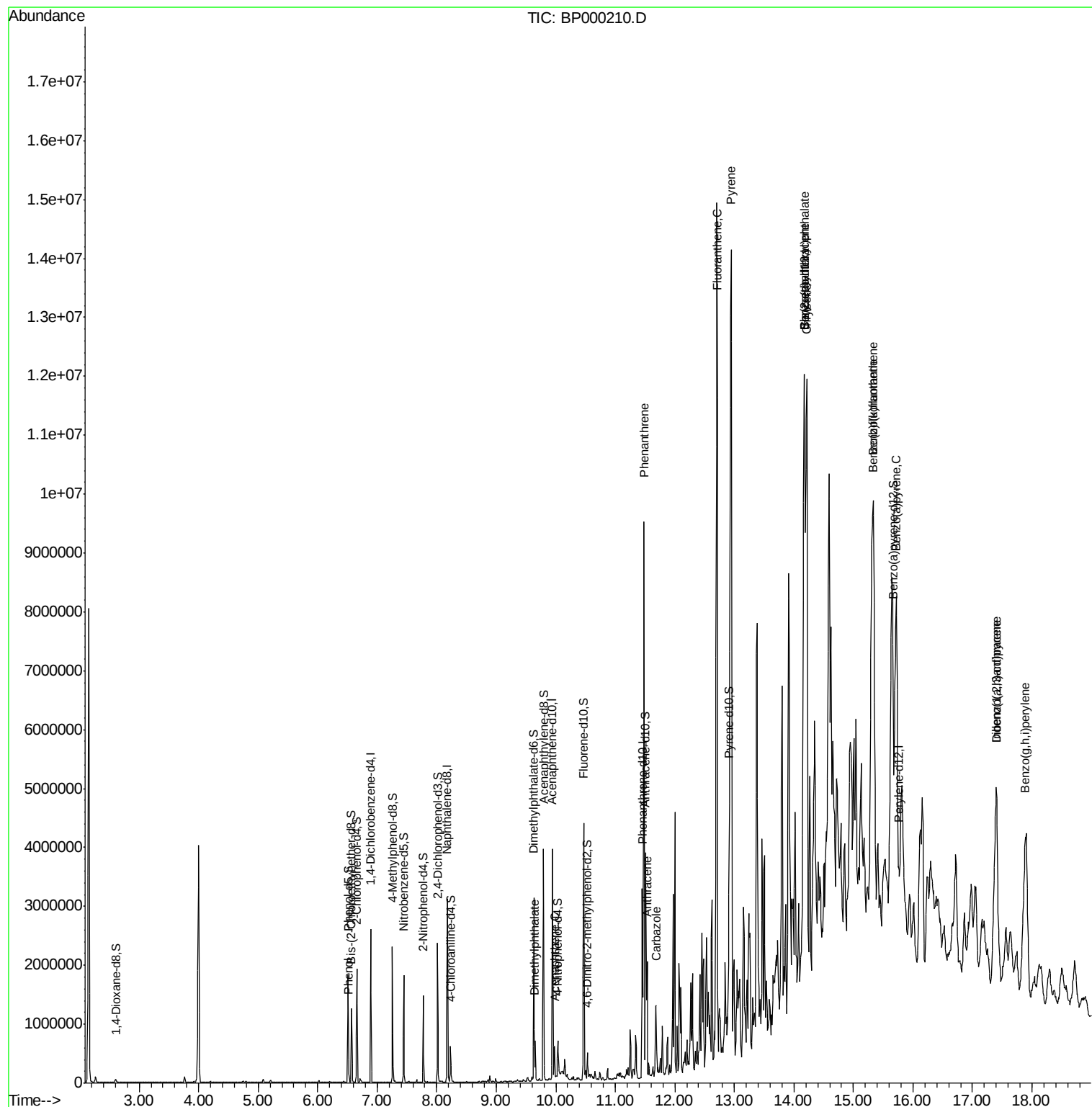
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000210.D
Acq On : 12 Sep 2019 11:16
Operator : HP/JU
Sample : K4634-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

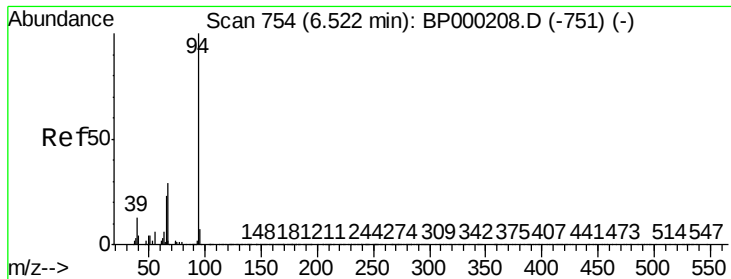
Instrument :
BNA_P
ClientSampled :
F2D37

Quant Time: Sep 13 04:02:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 13 02:45:52 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.926 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BP000210.D

Acq: 12 Sep 2019 11:16

Instrument :

BNA_P

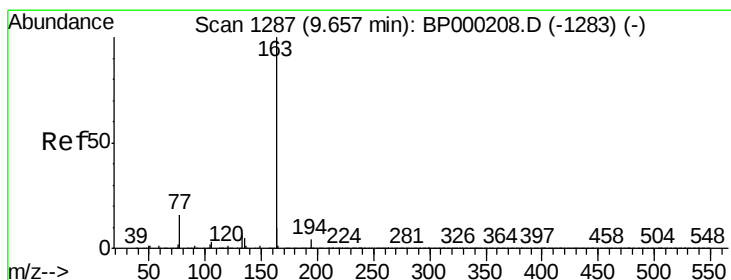
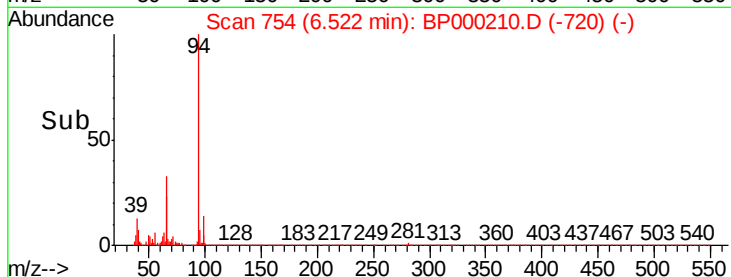
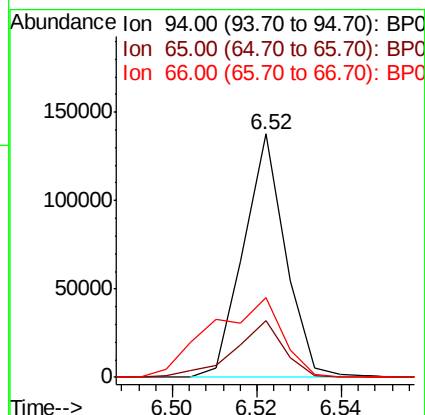
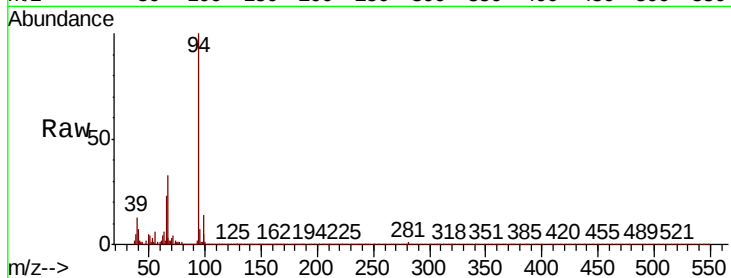
ClientSampleId :

F2D37

Tot Ion:	94	Resp:	94514
Ion Ratio	Lower	Upper	
94	100		
65	23.4	18.8	28.2
66	33.0	24.2	36.2

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#45

Dimethylphthalate

Concen: 4.761 ng/ul

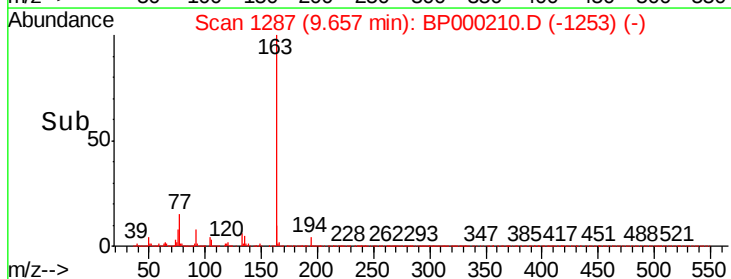
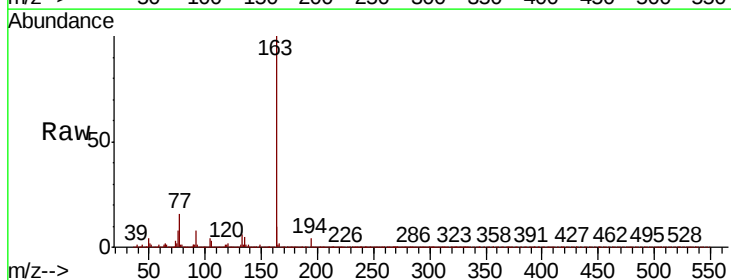
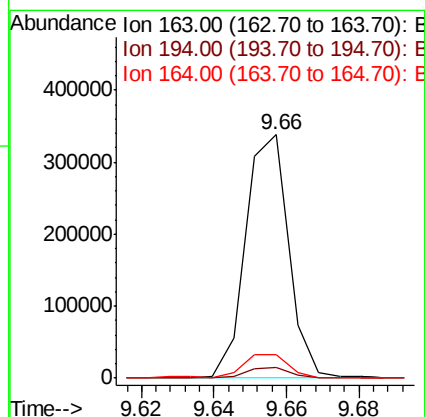
RT: 9.66 min Scan# 1287

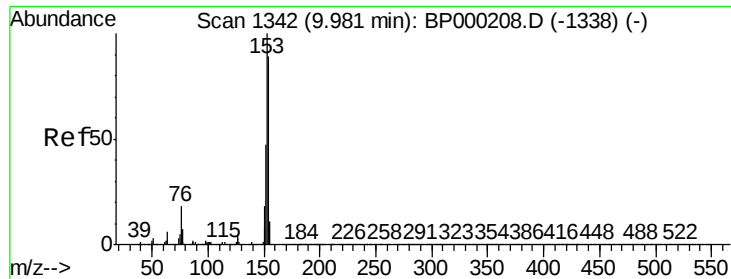
Delta R.T. -0.00 min

Lab File: BP000210.D

Acq: 12 Sep 2019 11:16

Tgt Ion:	163	Resp:	275511
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	9.6	8.4	12.6





#50

Acenaphthene

Concen: 2.467 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BP000210.D

Acq: 12 Sep 2019 11:16

Instrument :

BNA_P

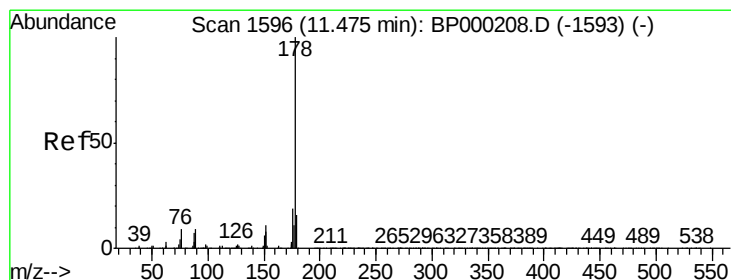
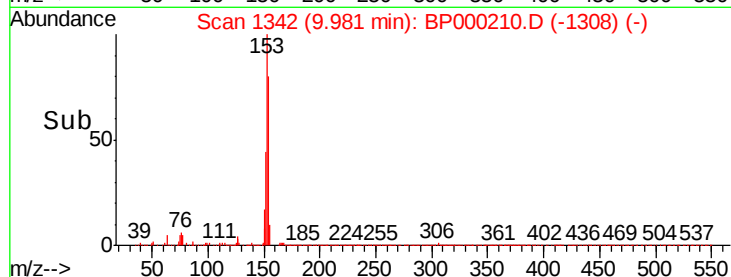
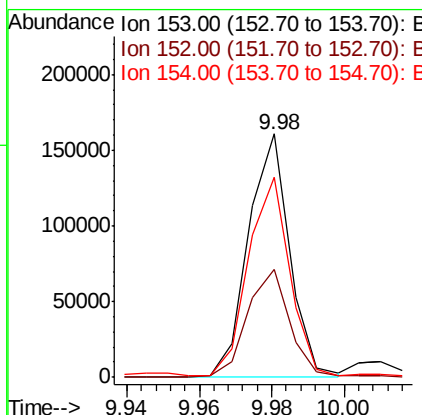
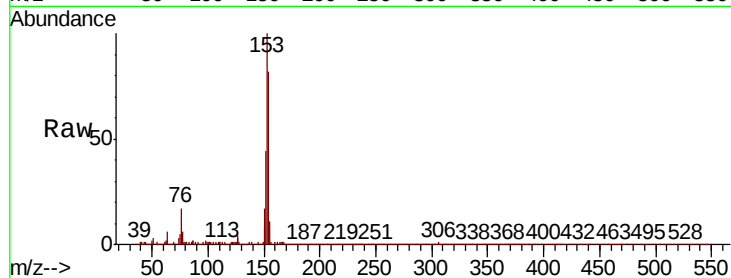
ClientSampleId :

F2D37

Tot Ion:	153	Resp:	126571
Ion Ratio	Lower	Upper	
153	100		
152	44.4	38.0	57.0
154	82.1	72.6	108.8

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#70

Phenanthrene

Concen: 46.314 ng/ul

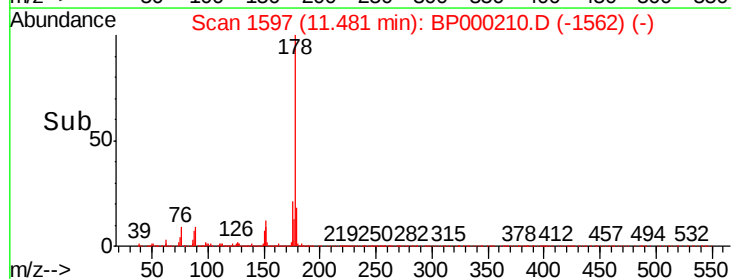
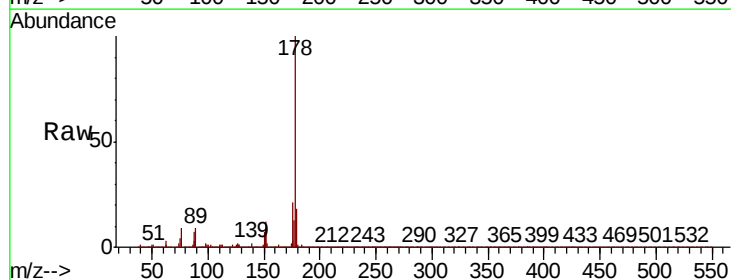
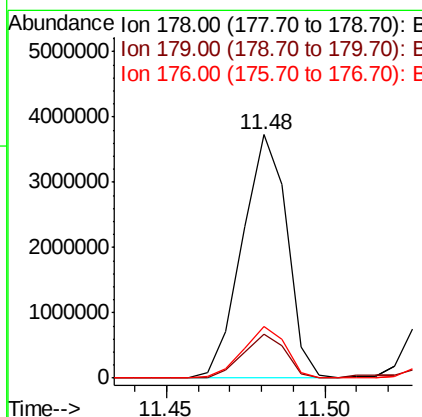
RT: 11.48 min Scan# 1597

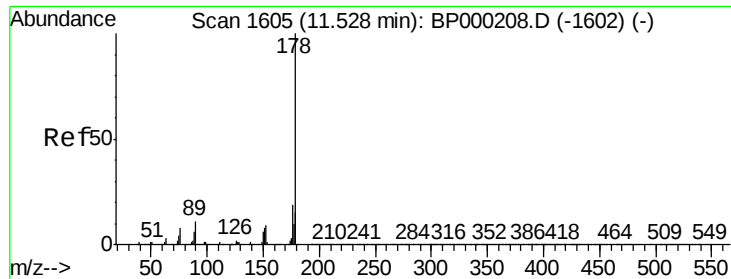
Delta R.T. 0.01 min

Lab File: BP000210.D

Acq: 12 Sep 2019 11:16

Tgt Ion:	178	Resp:	3635256
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.5	18.7
176	21.1	15.7	23.5





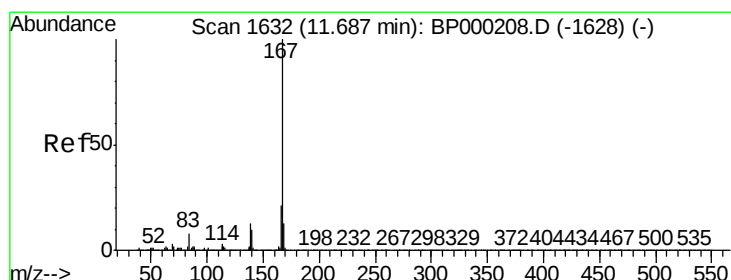
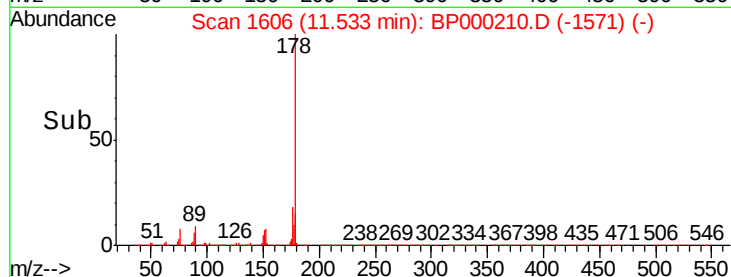
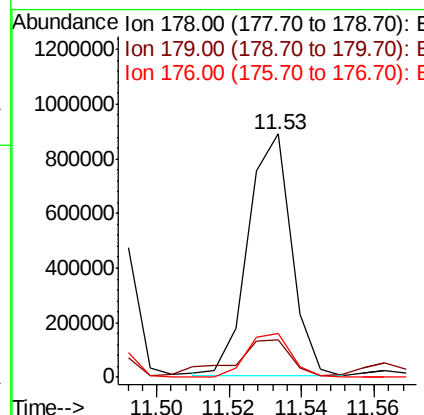
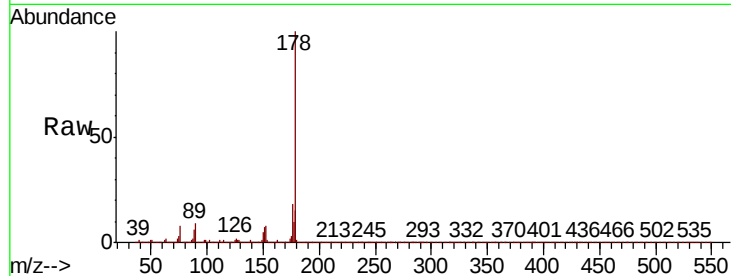
#72
 Anthracene
 Concen: 9.560 ng/ul
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BP000210.D
 Acq: 12 Sep 2019 11:16

Instrument :
 BNA_P
 ClientSampleID :
 F2D37

Tot Ion:	178	Resp:	738413
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	18.1	15.1	22.7

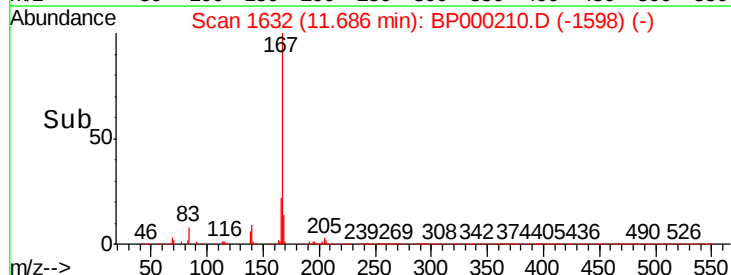
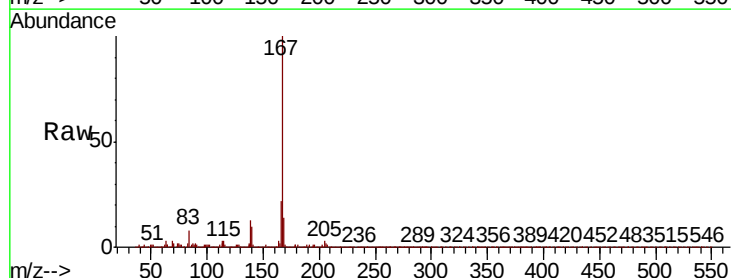
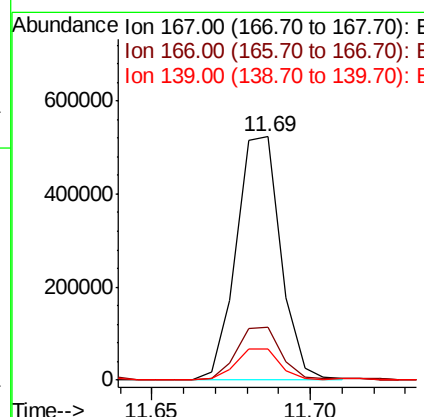
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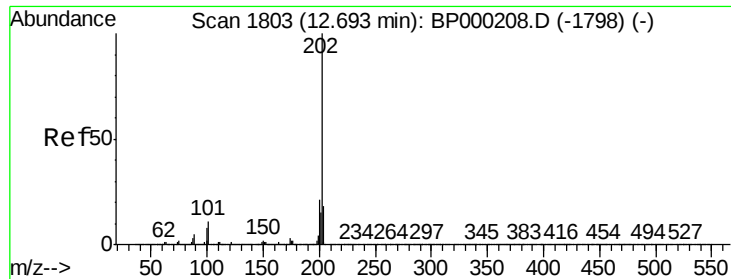
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#75
 Carbazole
 Concen: 7.654 ng/ul
 RT: 11.69 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BP000210.D
 Acq: 12 Sep 2019 11:16

Tgt Ion:	167	Resp:	505436
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	13.0	10.6	15.8





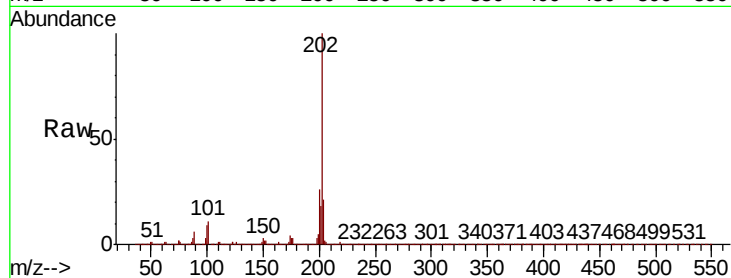
#77
Fluoranthene
Concen: 111.790 ng/ul
RT: 12.71 min Scan# 1806
Delta R.T. 0.02 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :
F2D37

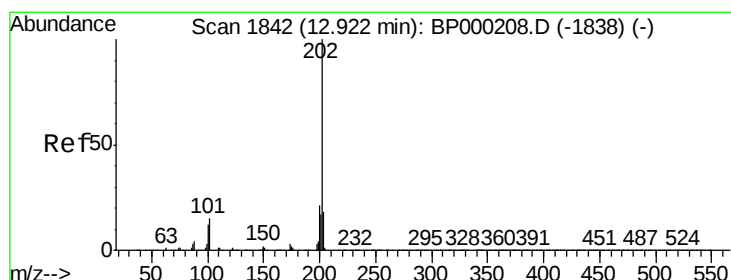
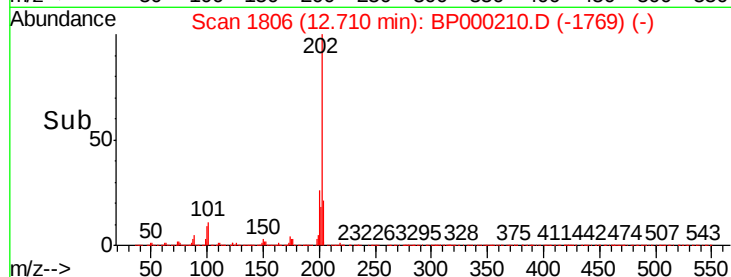
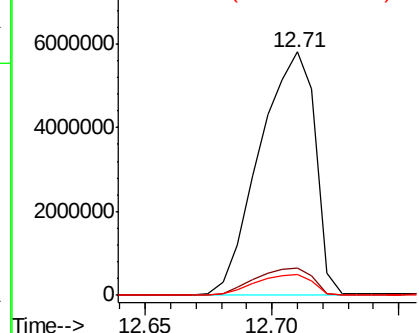
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.7	7.4	11.2

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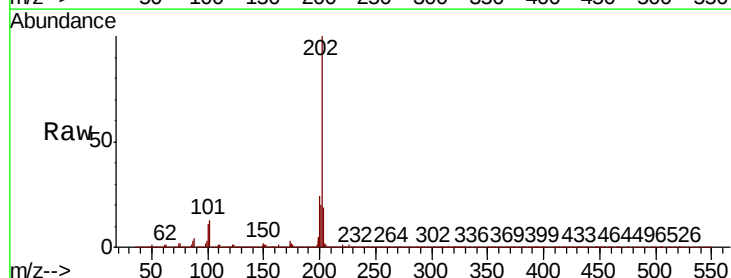


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BF

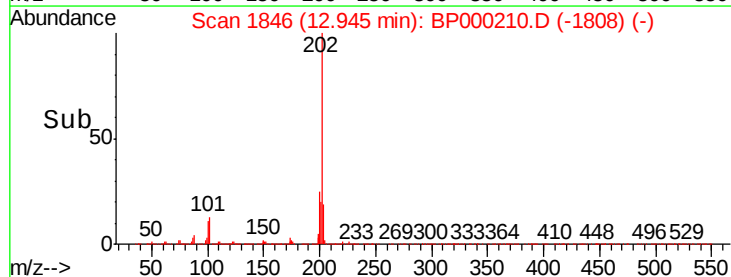
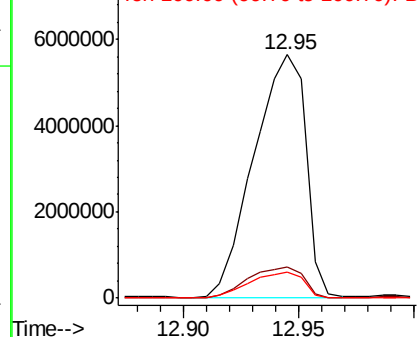


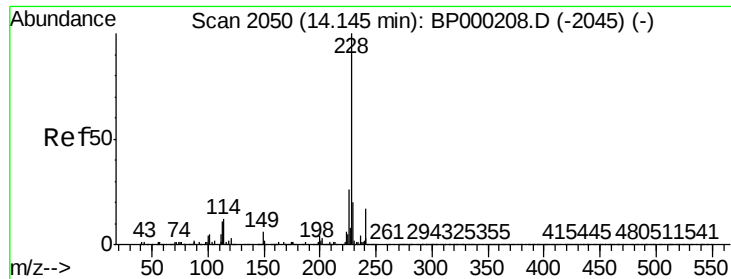
#80
Pyrene
Concen: 163.725 ng/ul
RT: 12.95 min Scan# 1846
Delta R.T. 0.02 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	13.4	20.0#
100	10.6	10.8	16.2#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BF





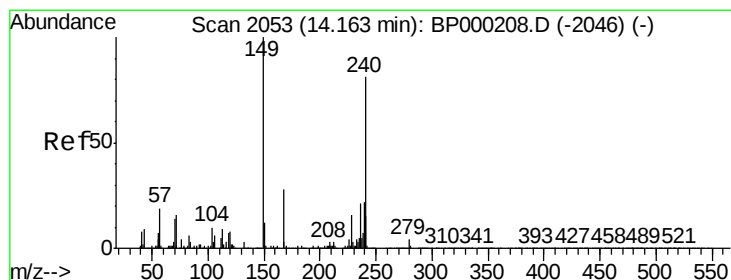
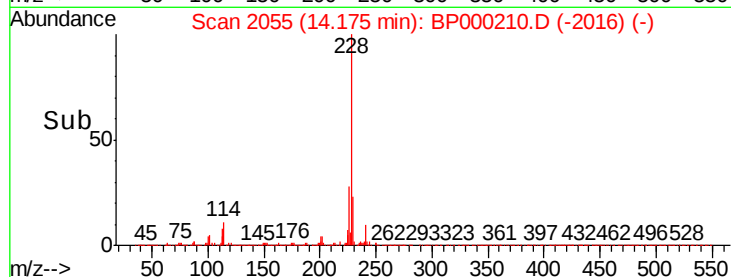
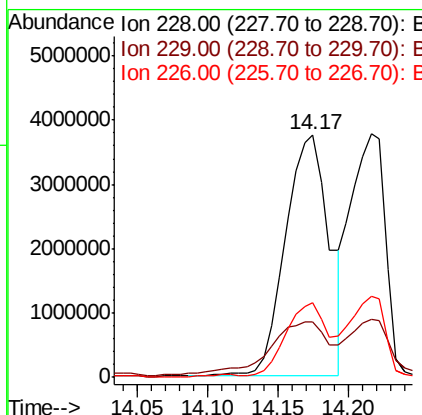
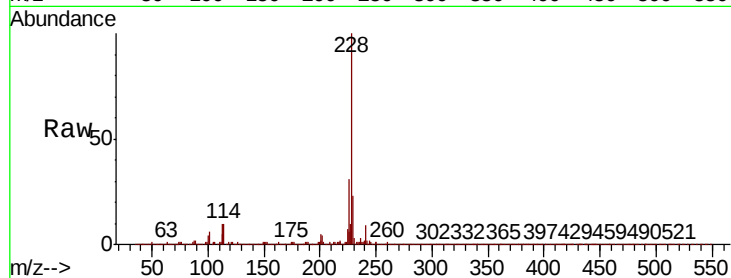
#83
Benzo(a)anthracene
Concen: 156.570 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.03 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :
F2D37

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.9	23.9
226	30.8	22.1	33.1

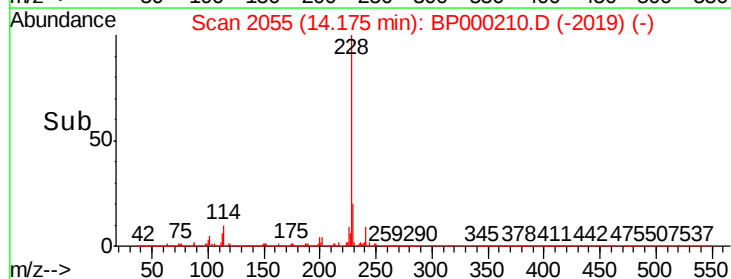
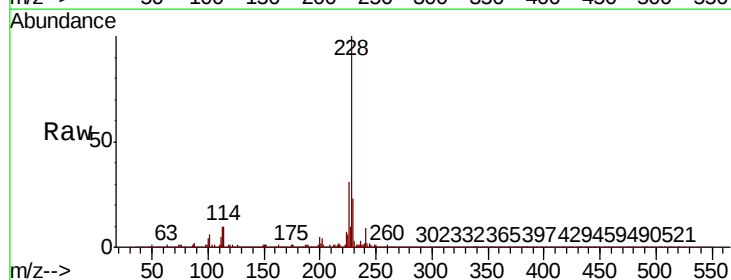
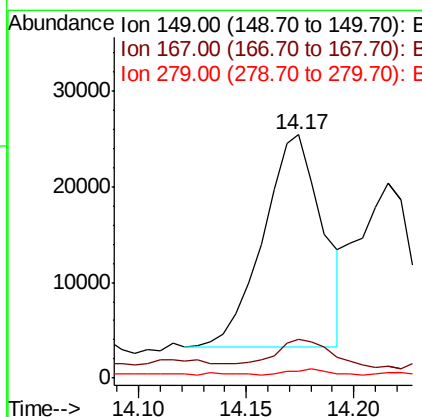
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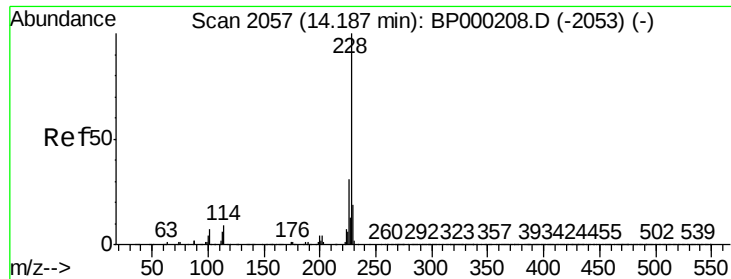
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.468 ng/ul m
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	15.7	21.8	32.8#
279	3.0	3.0	4.4





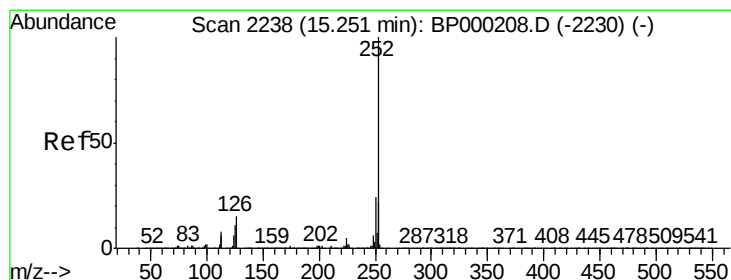
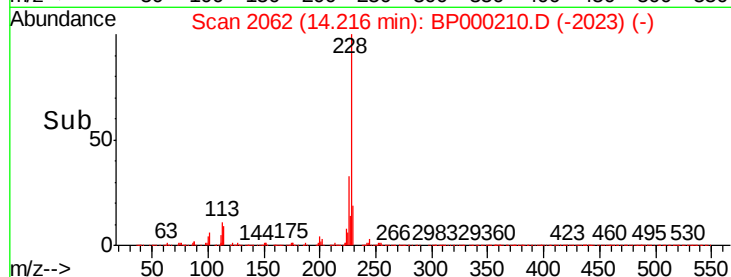
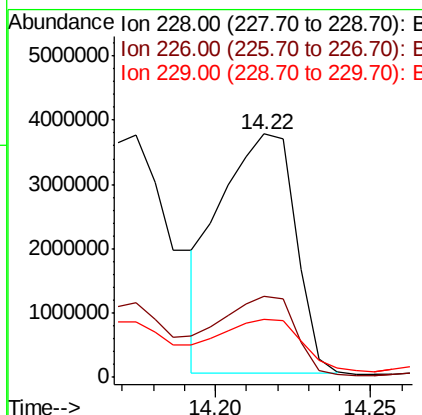
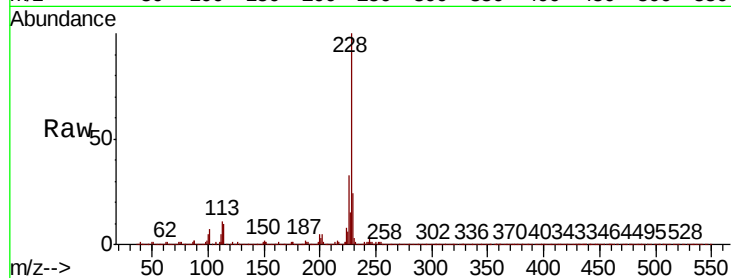
#85
Chrysene
Concen: 133.083 ng/ul m
RT: 14.22 min Scan# 2062
Delta R.T. 0.03 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampled :
F2D37

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.4	36.6
229	24.1	16.0	24.0

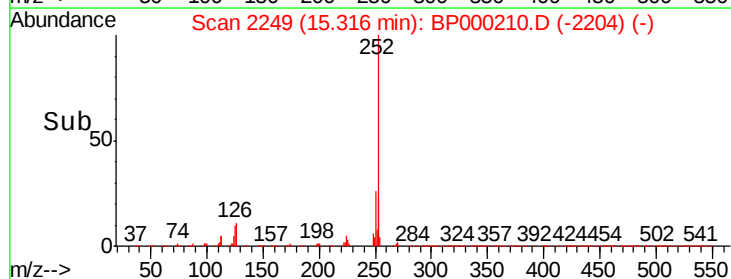
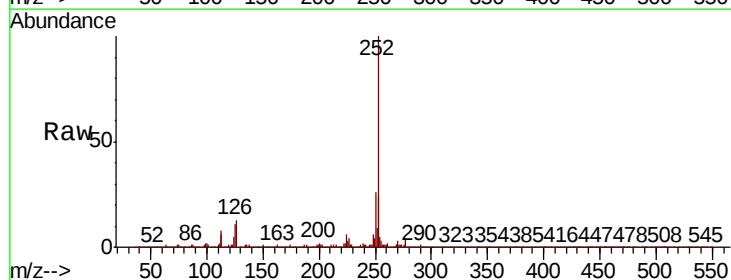
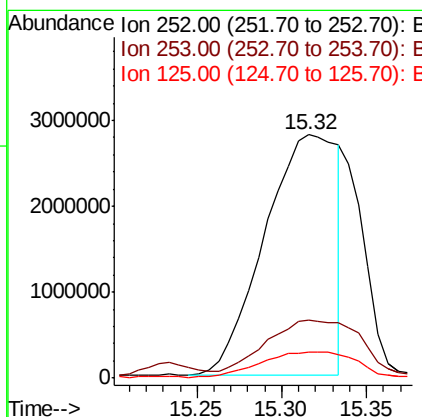
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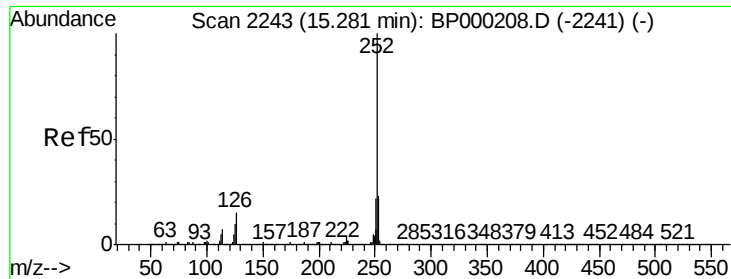
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#88
Benzo(b)fluoranthene
Concen: 139.838 ng/ul m
RT: 15.32 min Scan# 2249
Delta R.T. 0.06 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.6	9.9	14.9





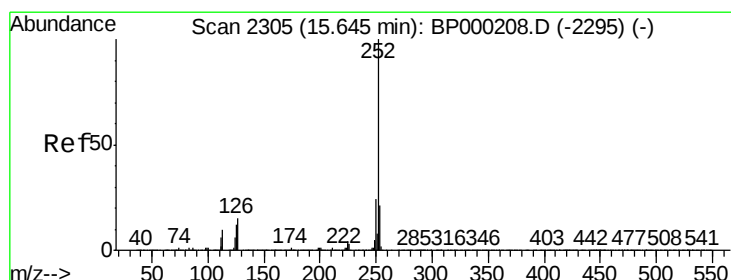
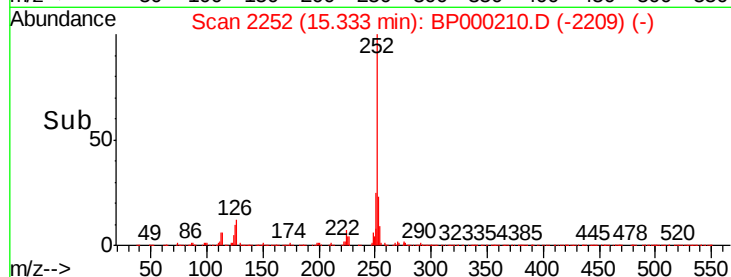
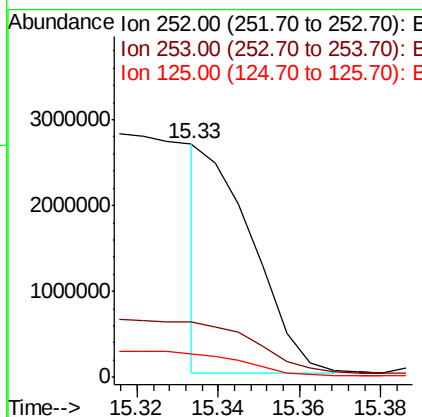
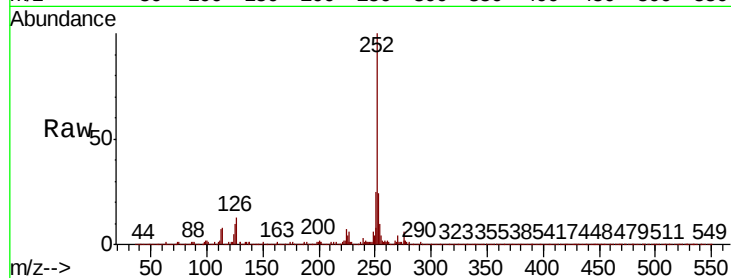
#89
Benzo(k)fluoranthene
Concen: 39.542 ng/ul m
RT: 15.33 min Scan# 2252
Delta R.T. 0.05 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :
F2D37

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	10.3	10.2	15.2

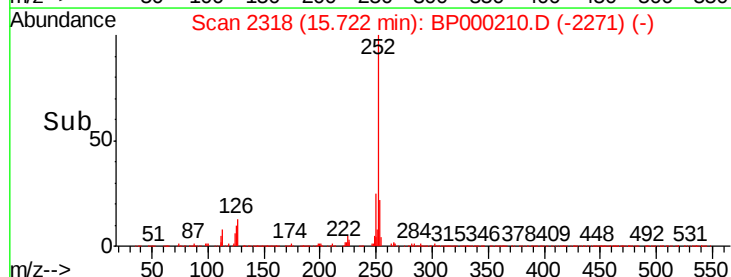
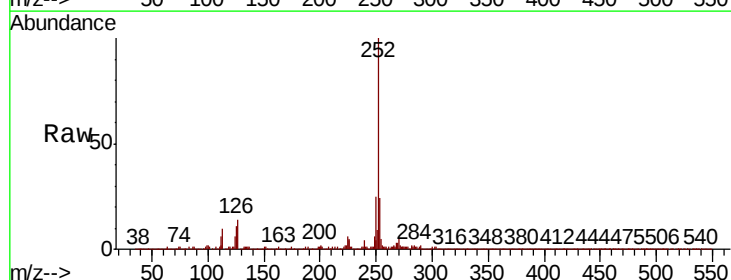
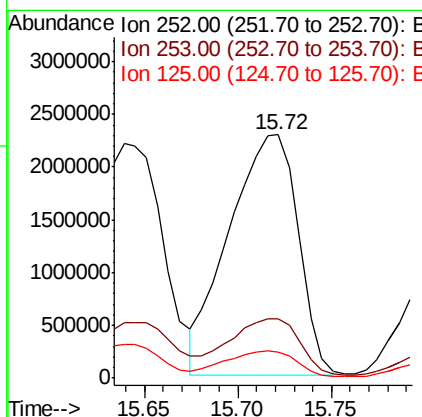
Manual Integrations
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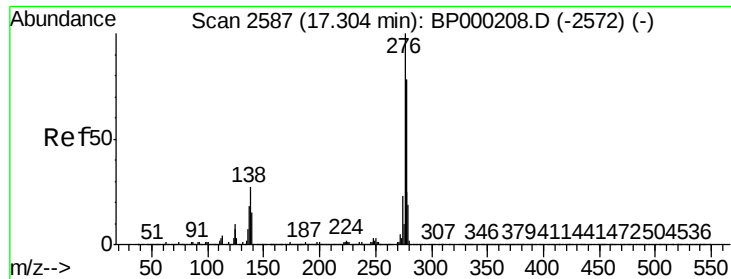
mohammad
9/16/2019 9:04:27 AM



#91
Benzo(a)pyrene
Concen: 104.587 ng/ul m
RT: 15.72 min Scan# 2318
Delta R.T. 0.08 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	10.7	10.2	15.2





#92

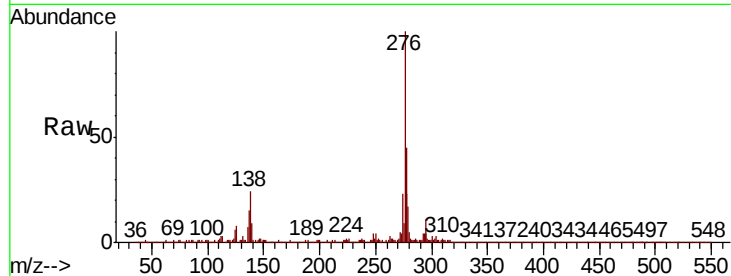
Indeno(1,2,3-cd)pyrene
Concen: 60.296 ng/ul m
RT: 17.40 min Scan# 2604
Delta R.T. 0.10 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Instrument :
BNA_P
ClientSampleId :
F2D37

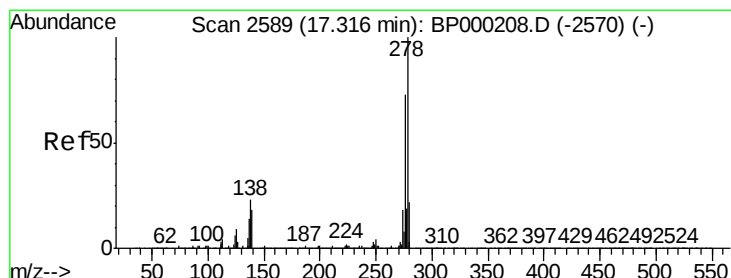
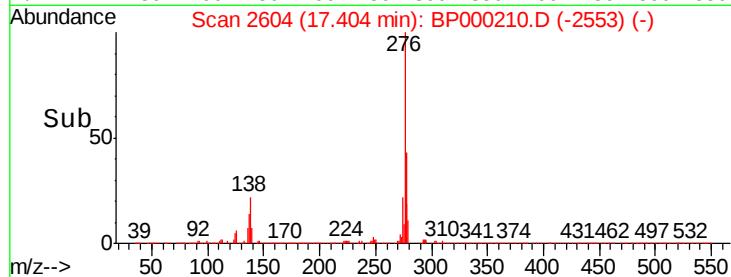
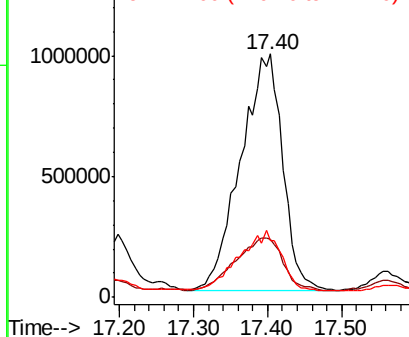
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.0	30.0
277	23.3	19.4	29.0

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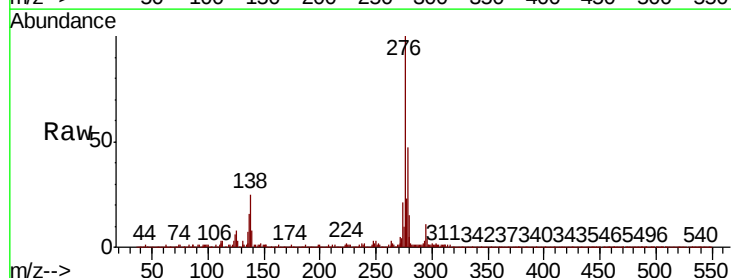
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



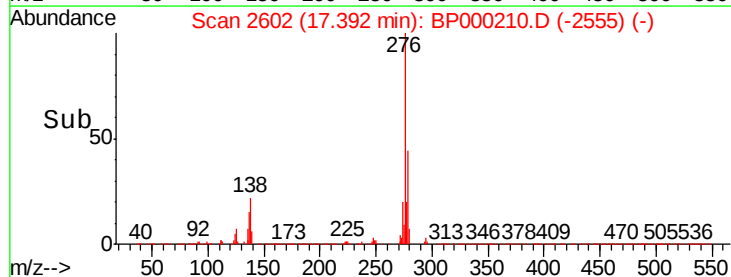
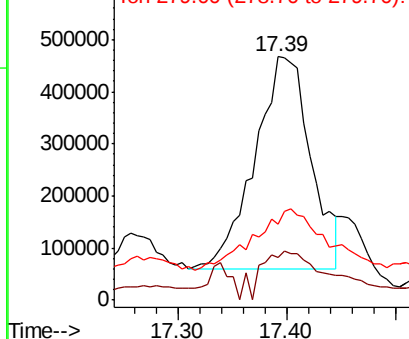
#93

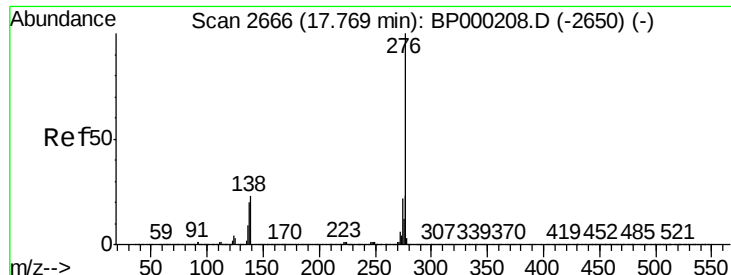
Dibenzo(a,h)anthracene
Concen: 27.438 ng/ul m
RT: 17.39 min Scan# 2602
Delta R.T. 0.08 min
Lab File: BP000210.D
Acq: 12 Sep 2019 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.1	22.7
279	31.3	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 80.315 ng/ul m

RT: 17.89 min Scan# 2686

Delta R.T. 0.12 min

Lab File: BP000210.D

Acq: 12 Sep 2019 11:16

Instrument :

BNA_P

ClientSampleId :

F2D37

Tot Ion: 276 Resp: 4318873

Ion Ratio Lower Upper

276 100

138 23.9 20.0 30.0

277 22.7 19.1 28.7

Manual Integrations

APPROVED

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9/16/2019 9:04:27 AM

