

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000219.D
 Acq On : 12 Sep 2019 15:40
 Operator : HP/JU
 Sample : K4634-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D36

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:09:18 AM

Quant Time: Sep 13 05:08:48 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	350940	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1329913	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	711315	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1251866	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	879491	20.00	ng/ul	0.02
86) Perylene-d12	15.75	264	901344m	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	27836	2.81	ng/uL	0.00
5) Phenol-d5	6.51	99	501549	16.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	260109	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	420634	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	380492	16.94	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	195178	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	203752	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	376509	18.04	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	192015	7.44	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1041205	19.82	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1248862	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	121274	12.92	ng/ul	0.00
58) Fluorene-d10	10.48	176	841342	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	39463	6.86	ng/ul	0.01
71) Anthracene-d10	11.51	188	1151778	19.00	ng/ul	0.00
79) Pyrene-d10	12.91	212	1104387	21.11	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.65	264	905986	19.39	ng/ul	0.06

Target Compounds

					Ovalue
6) Phenol	6.52	94	98261	3.154	ng/ul 97
45) Dimethylphthalate	9.66	163	267864	5.054	ng/ul 99
50) Acenaphthene	9.98	153	212118	4.514	ng/ul 96
70) Phenanthrene	11.48	178	1372800	18.543	ng/ul 99
72) Anthracene	11.53	178	287042	3.940	ng/ul 98
75) Carbazole	11.69	167	189252	3.038	ng/ul 99
77) Fluoranthene	12.70	202	3141457	42.071	ng/ul 96
80) Pyrene	12.93	202	3250934	48.994	ng/ul 93
83) Benzo(a)anthracene	14.16	228	2583470	40.580	ng/ul 98
85) Chrysene	14.20	228	2920461	49.991	ng/ul 98
88) Benzo(b)fluoranthene	15.29	252	3344690m	55.988	ng/ul
89) Benzo(k)fluoranthene	15.31	252	753152m	13.374	ng/ul
91) Benzo(a)pyrene	15.69	252	2409609m	42.991	ng/ul
92) Indeno(1,2,3-cd)pyrene	17.37	276	1457735m	22.607	ng/ul
93) Dibenzo(a,h)anthracene	17.37	278	574707m	10.760	ng/ul
94) Benzo(g,h,i)perylene	17.86	276	1515768m	28.194	ng/ul

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

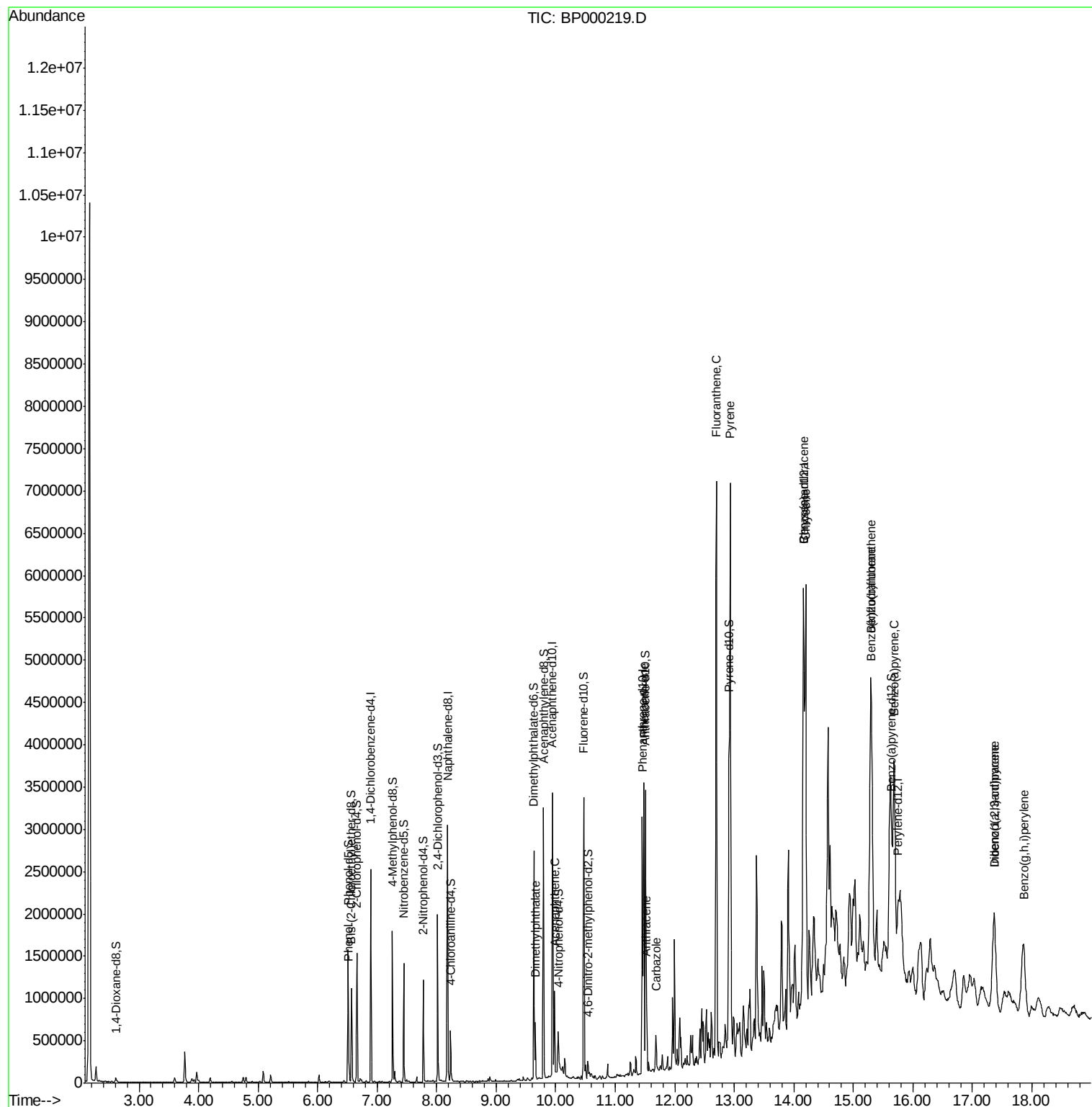
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000219.D
Acq On : 12 Sep 2019 15:40
Operator : HP/JU
Sample : K4634-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

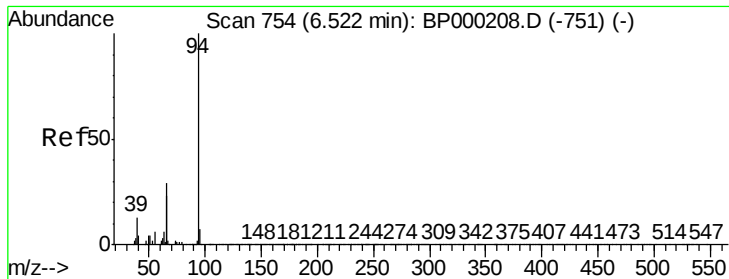
Instrument :
BNA_P
ClientSampled :
F2D36

Quant Time: Sep 13 05:08:48 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
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#6

Phenol

Concen: 3.154 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000219.D

Acq: 12 Sep 2019 15:40

Instrument :

BNA_P

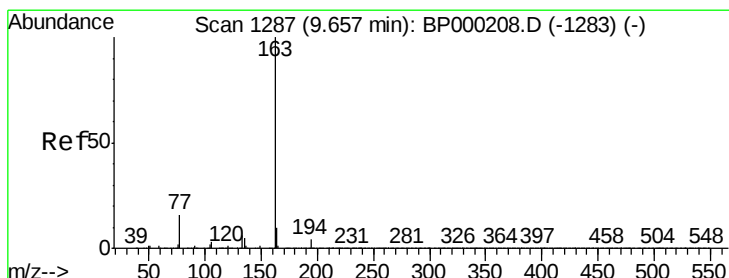
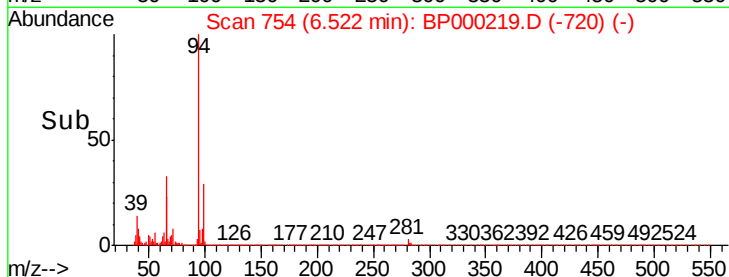
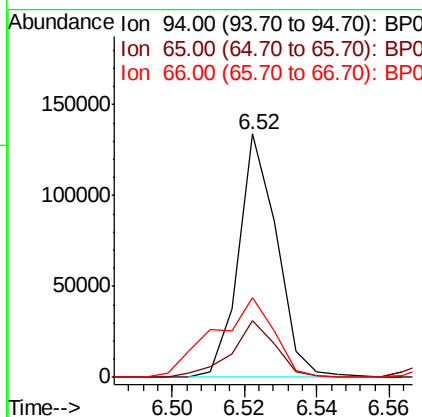
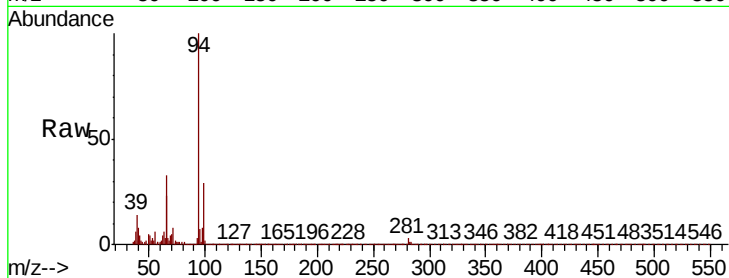
ClientSampleId :

F2D36

Tot Ion:	94	Resp:	98261
Ion Ratio	Lower	Upper	
94	100		
65	23.4	18.8	28.2
66	32.7	24.2	36.2

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#45

Dimethylphthalate

Concen: 5.054 ng/ul

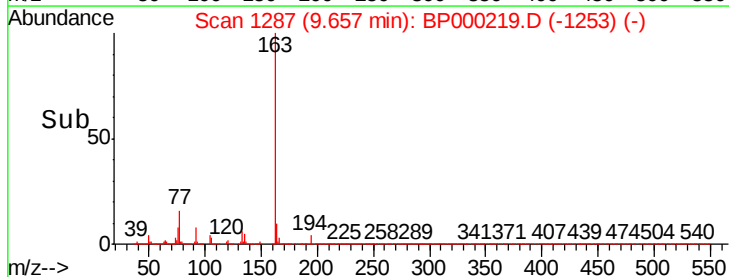
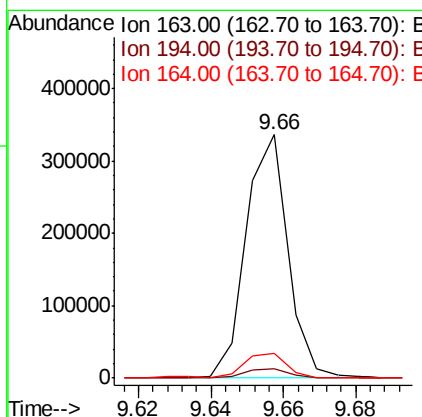
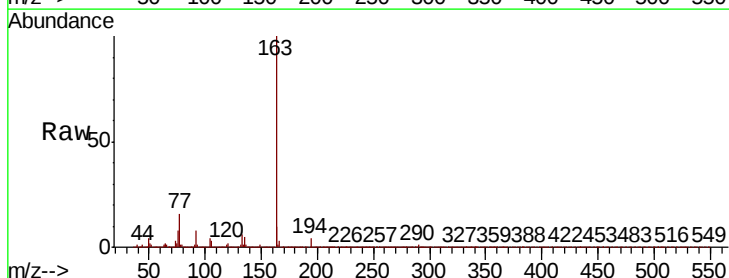
RT: 9.66 min Scan# 1287

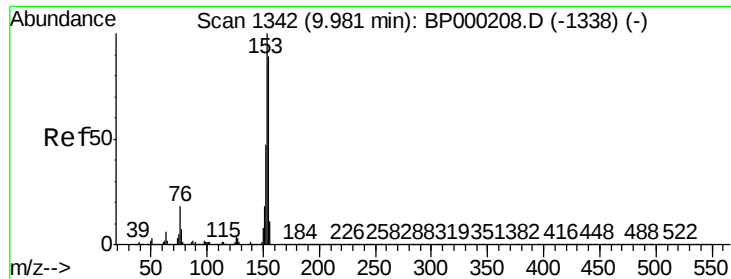
Delta R.T. 0.00 min

Lab File: BP000219.D

Acq: 12 Sep 2019 15:40

Tgt Ion:	163	Resp:	267864
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.0	8.4	12.6





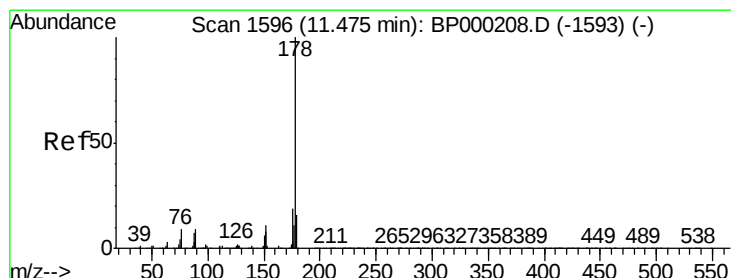
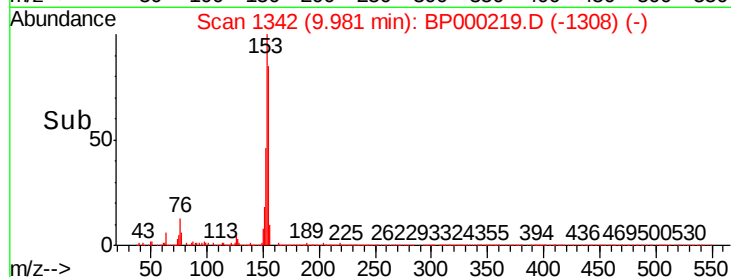
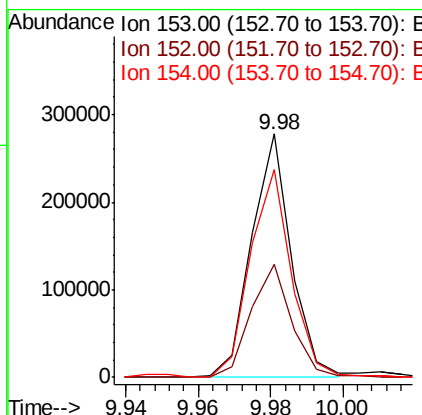
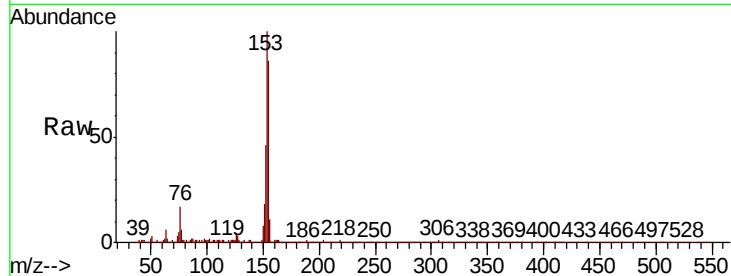
#50
Acenaphthene
Concen: 4.514 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
F2D36

Tot Ion	Ratio	Lower	Upper
153	100		
152	46.2	38.0	57.0
154	85.5	72.6	108.8

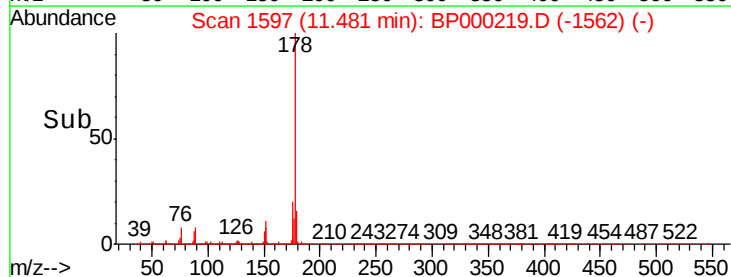
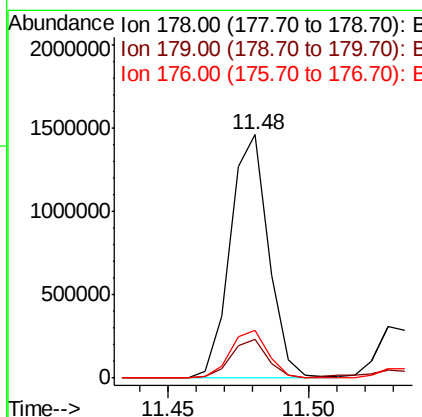
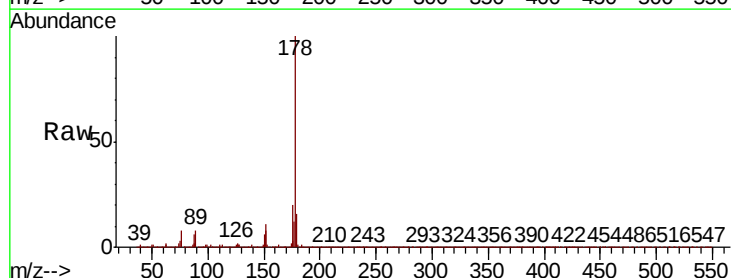
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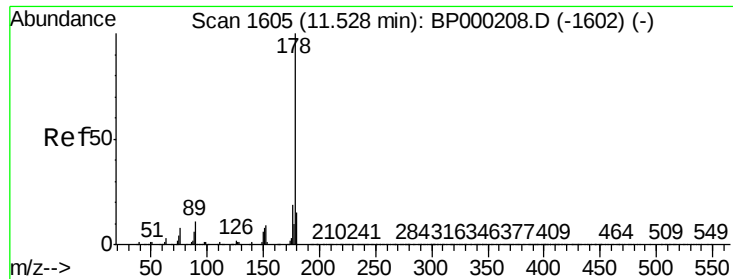
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#70
Phenanthrene
Concen: 18.543 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.6	15.7	23.5





#72

Anthracene

Concen: 3.940 ng/ul

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BP000219.D

Acq: 12 Sep 2019 15:40

Instrument :

BNA_P

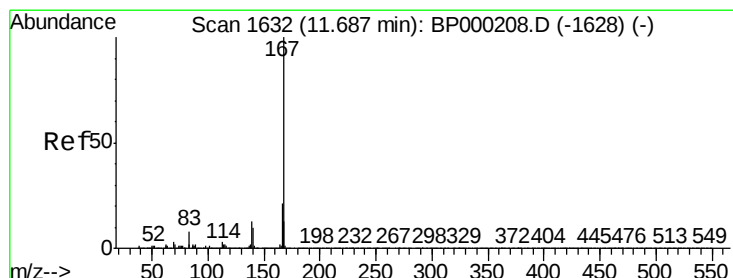
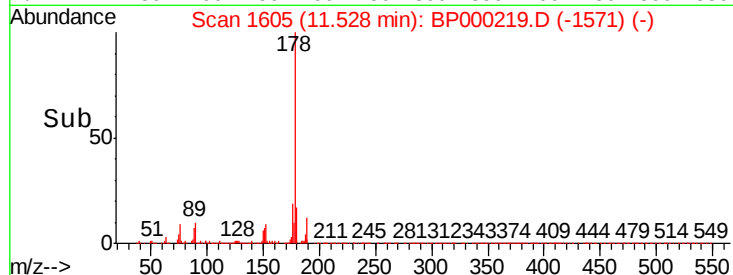
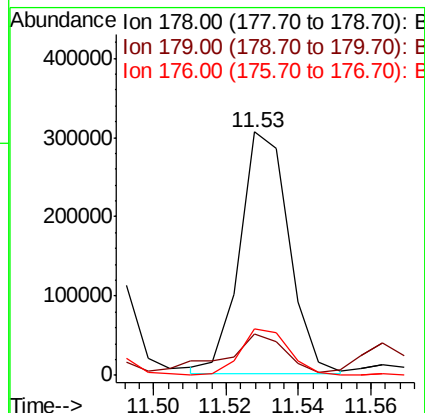
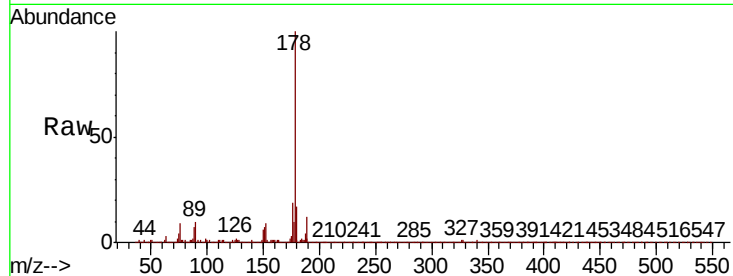
ClientSampleId :

F2D36

Tot Ion:	178	Resp:	287042
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.3	18.5
176	18.9	15.1	22.7

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#75

Carbazole

Concen: 3.038 ng/ul

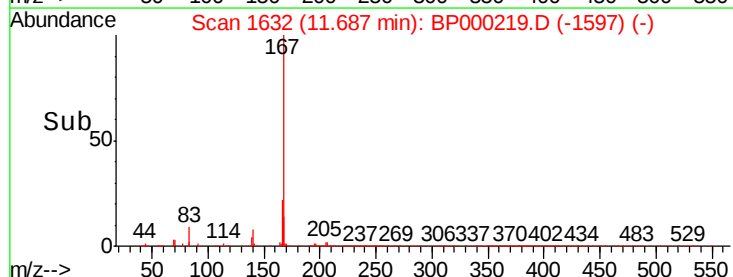
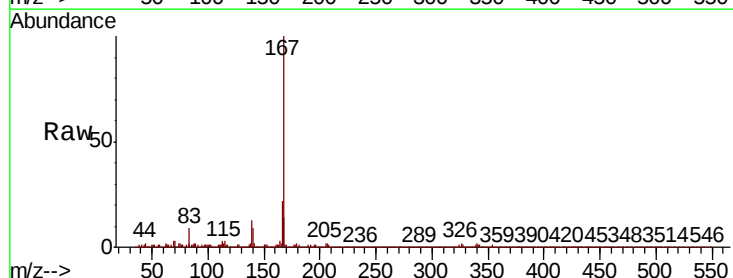
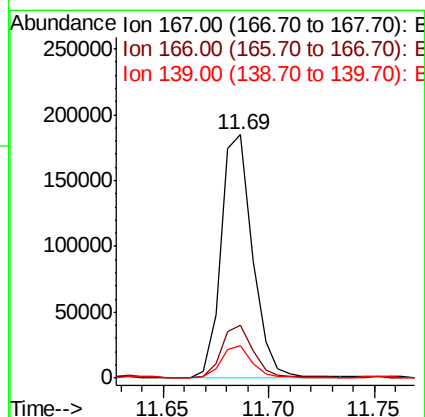
RT: 11.69 min Scan# 1632

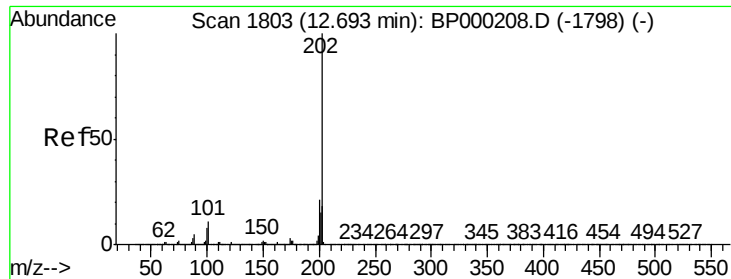
Delta R.T. 0.01 min

Lab File: BP000219.D

Acq: 12 Sep 2019 15:40

Tgt Ion:	167	Resp:	189252
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	13.5	10.6	15.8





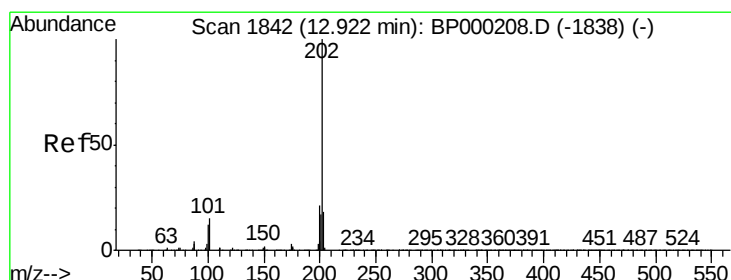
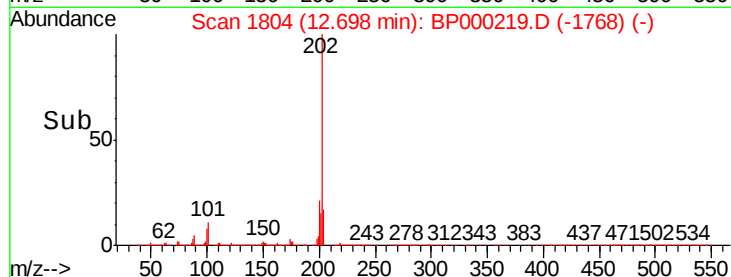
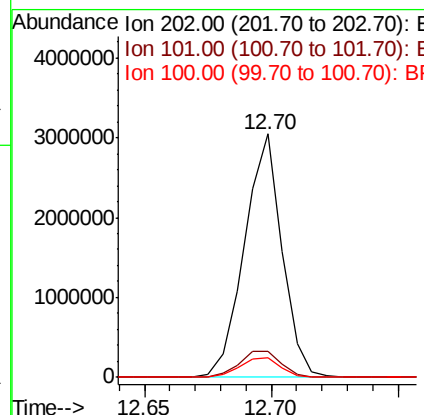
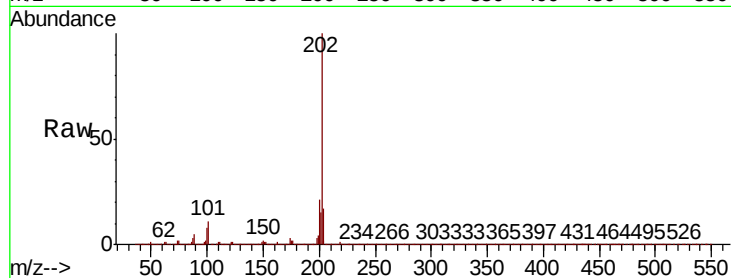
#77
Fluoranthene
Concen: 42.071 ng/ul
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
F2D36

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.0	15.0
100	8.2	7.4	11.2

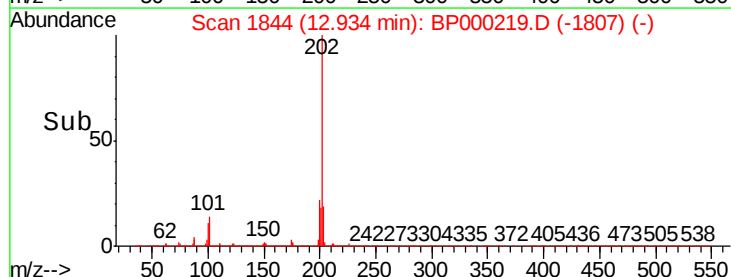
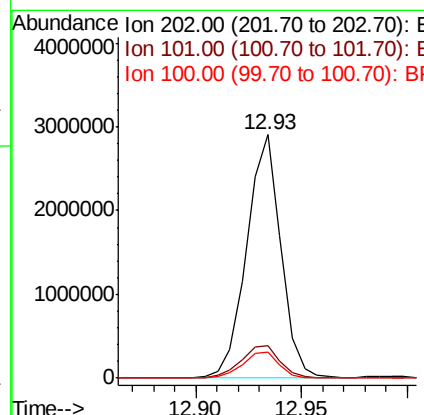
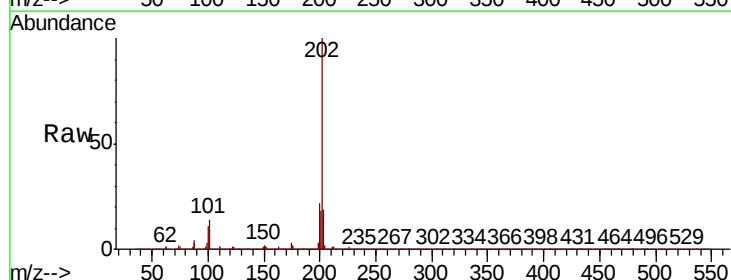
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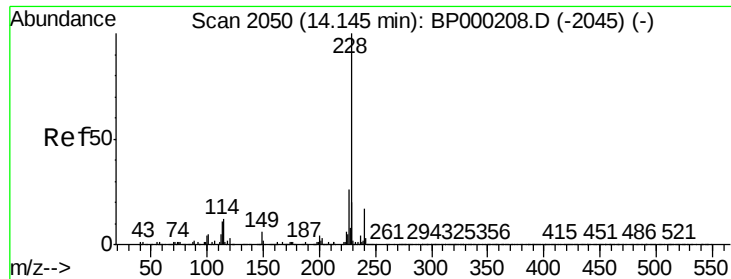
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#80
Pyrene
Concen: 48.994 ng/ul
RT: 12.93 min Scan# 1844
Delta R.T. 0.02 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	13.4	20.0
100	10.8	10.8	16.2





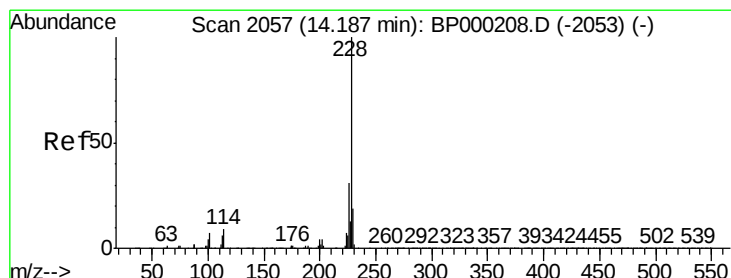
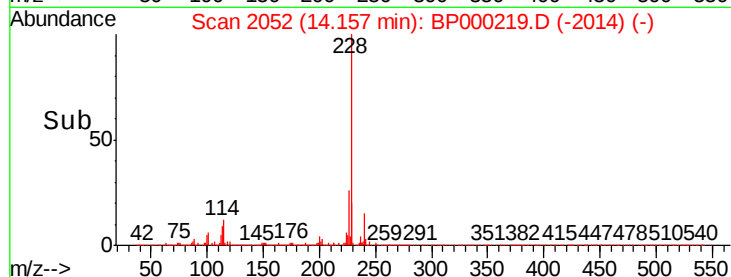
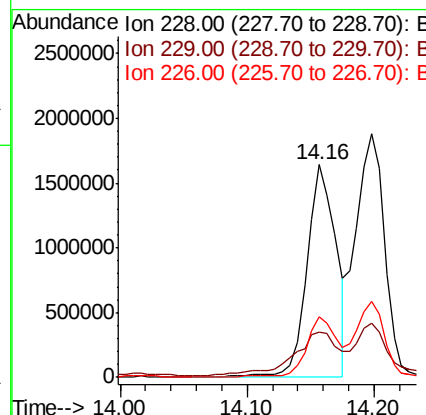
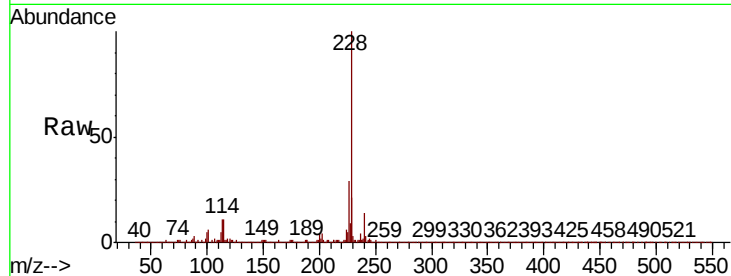
#83
Benzo(a)anthracene
Concen: 40.580 ng/ul
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
F2D36

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.5	22.1	33.1

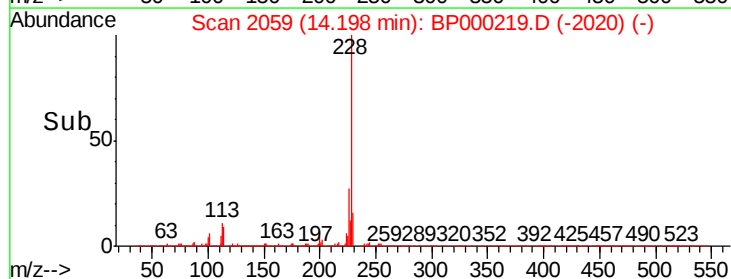
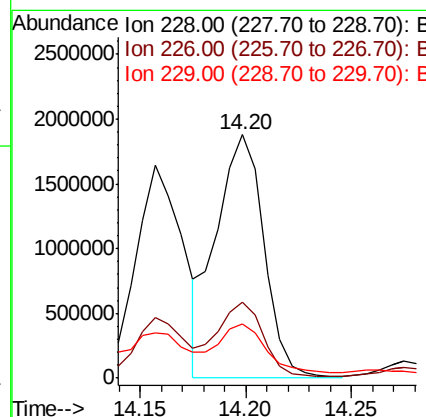
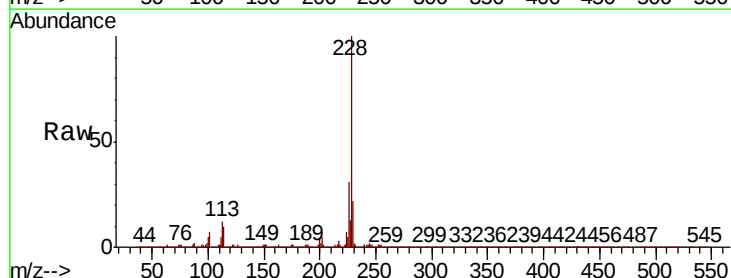
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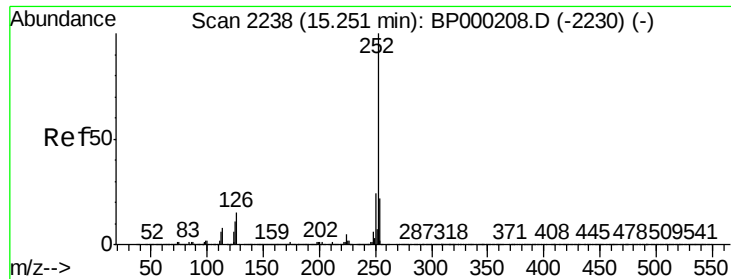
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#85
Chrysene
Concen: 49.991 ng/ul
RT: 14.20 min Scan# 2059
Delta R.T. 0.03 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.1	16.0	24.0





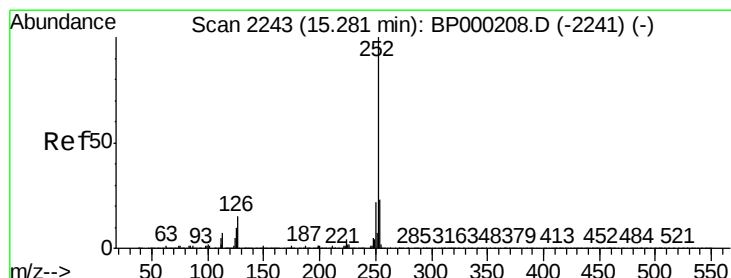
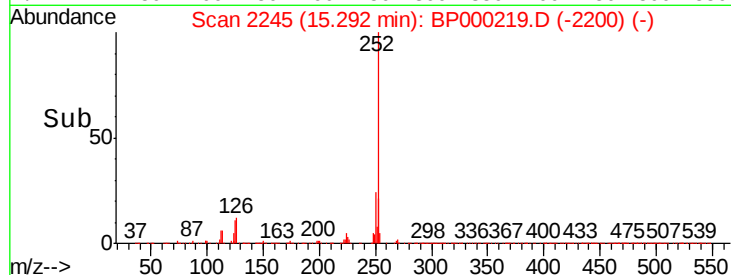
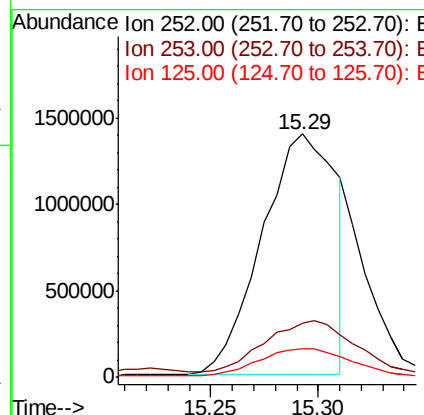
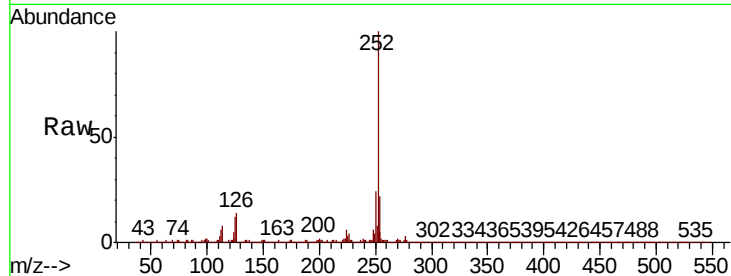
#88
Benzo(b)fluoranthene
Concen: 55.988 ng/ul m
RT: 15.29 min Scan# 2245
Delta R.T. 0.06 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
F2D36

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.8	9.9	14.9

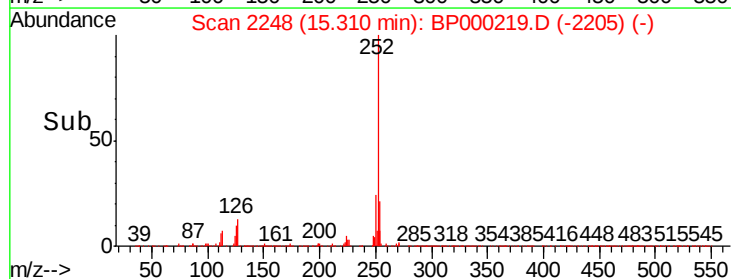
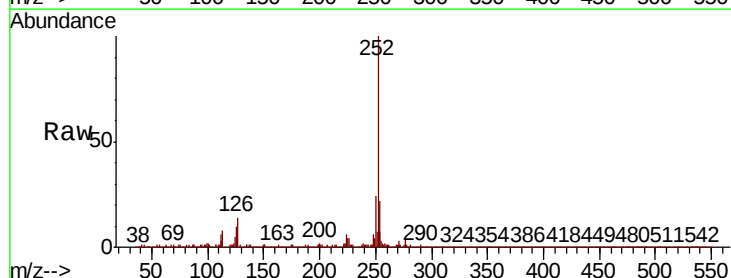
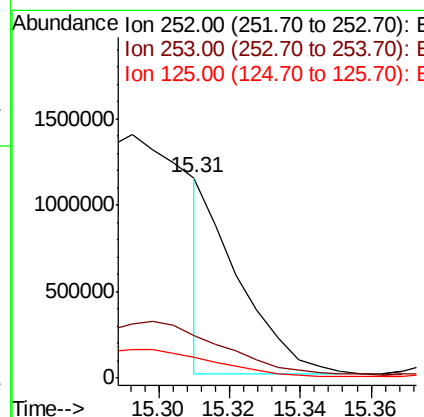
Manual Integrations
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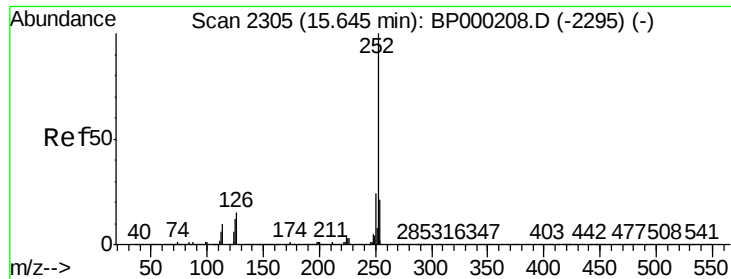
mohammad
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#89
Benzo(k)fluoranthene
Concen: 13.374 ng/ul m
RT: 15.31 min Scan# 2248
Delta R.T. 0.05 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	10.4	10.2	15.2





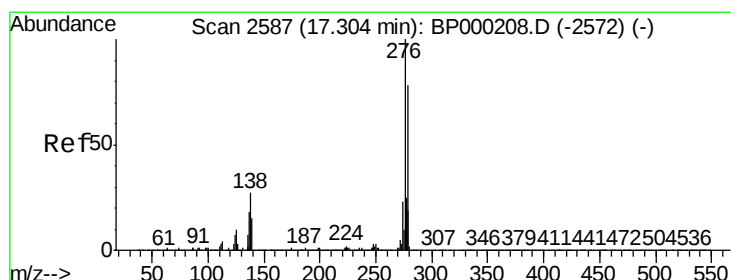
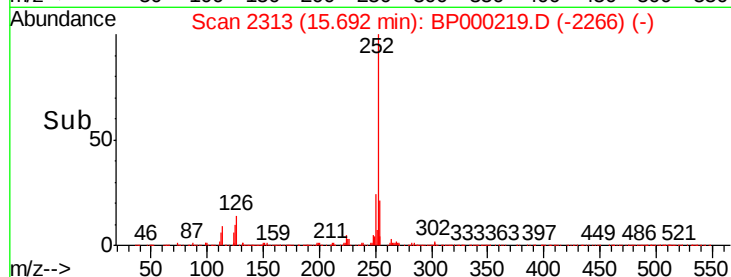
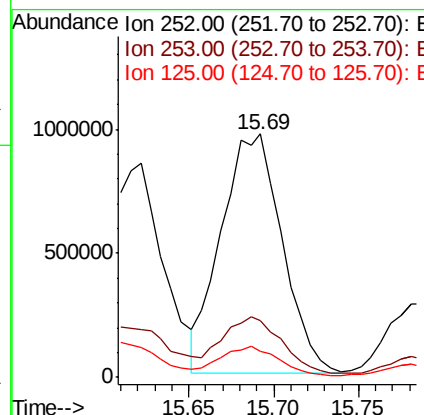
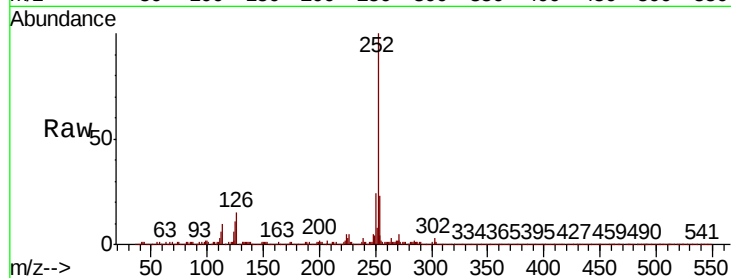
#91
Benzo(a)pyrene
Concen: 42.991 ng/ul m
RT: 15.69 min Scan# 2313
Delta R.T. 0.08 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
F2D36

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	10.7	10.2	15.2

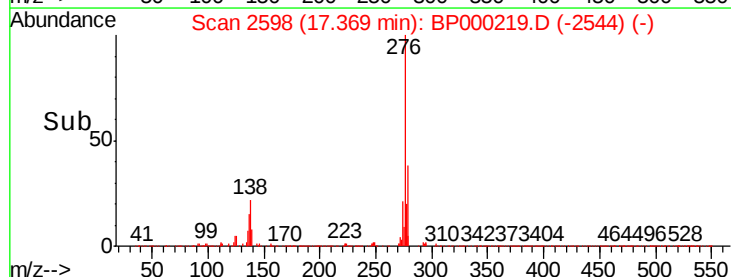
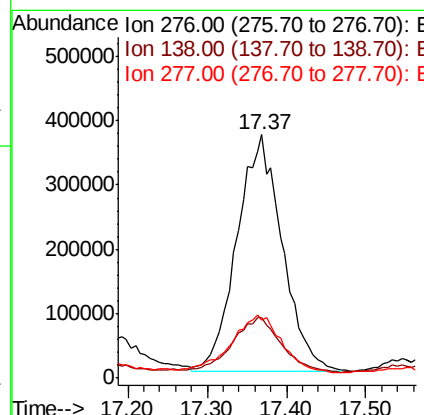
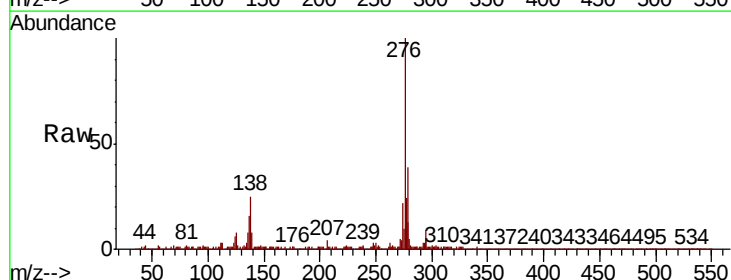
Manual Integrations
APPROVED

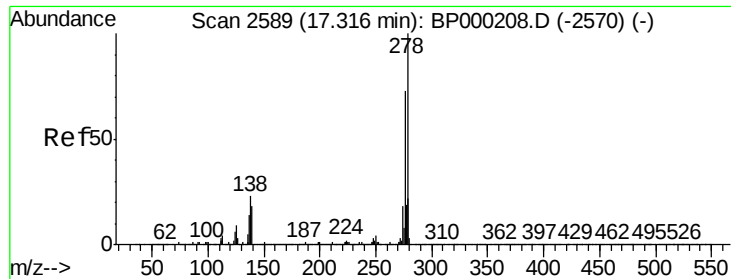
mohammad
9/16/2019 9:09:18 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 22.607 ng/ul m
RT: 17.37 min Scan# 2598
Delta R.T. 0.12 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.0	30.0
277	23.8	19.4	29.0





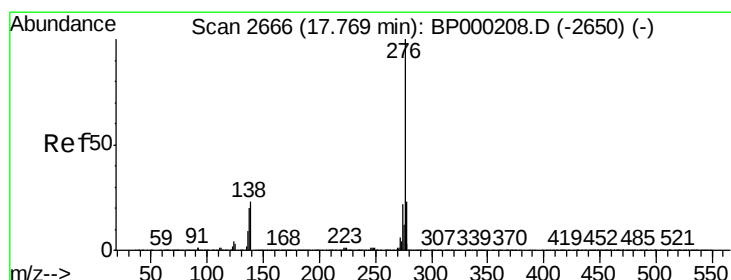
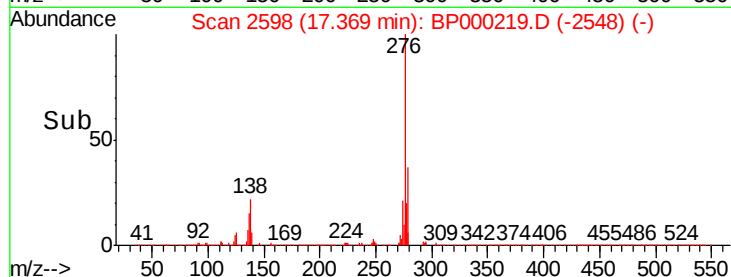
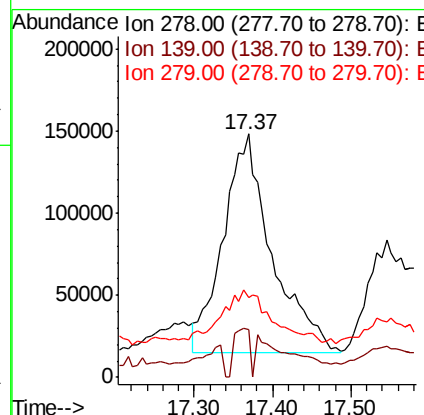
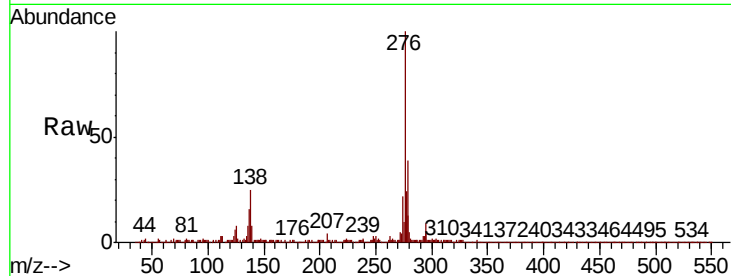
#93
Dibenzo(a,h)anthracene
Concen: 10.760 ng/ul m
RT: 17.37 min Scan# 2598
Delta R.T. 0.09 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
F2D36

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.1	22.7
279	32.7	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/16/2019 9:09:18 AM



#94
Benzo(g,h,i)perylene
Concen: 28.194 ng/ul m
RT: 17.86 min Scan# 2682
Delta R.T. 0.14 min
Lab File: BP000219.D
Acq: 12 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.0	30.0
277	25.4	19.1	28.7

