

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058712.D
 Acq On : 9 Mar 2017 16:09
 Operator : UM/SJ
 Sample : I2107-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ5

Manual Integrations
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Quant Time: Mar 15 14:44:58 2017
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:21:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	365426	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1342183	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	900355	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1805001	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1652226	20.00	ng/ul	-0.04
23) Perylene-d12	15.64	264	1209389	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.95	165	666733	26.07	ng/uL	-0.04
7) Acenaphthylene-d8	7.85	160	2383705	33.98	ng/ul	-0.02
10) Fluorene-d10	8.57	176	1763012	30.93	ng/ul	-0.01
15) Anthracene-d10	9.68	188	2458887	30.62	ng/ul	-0.02
19) Pyrene-d10	11.17	212	2524049	33.59	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.44	264	1722100	31.83	ng/ul	-0.05
Target Compounds						
					Qvalue	
4) Naphthalene	6.17	128	70923	1.08	ng/ul#	73
5) 2-Methylnaphthalene	6.88	142	60891	1.24	ng/ul	100
14) Phenanthrene	9.64	178	339643	3.79	ng/ul	98
17) Fluoranthene	10.93	202	915676	10.94	ng/ul#	86
20) Pyrene	11.20	202	832367	9.05	ng/ul#	91
21) Benzo(a)anthracene	12.72	228	458577	5.29	ng/ul	96
22) Chrysene	12.79	228	414947	5.25	ng/ul	97
24) Benzo(b)fluoranthene	14.72	252	606769	8.19	ng/ul	98
25) Benzo(k)fluoranthene	14.77	252	158152m	2.44	ng/ul	
27) Benzo(a)pyrene	15.50	252	335223	5.04	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	18.82	276	151565m	2.49	ng/ul	
30) Benzo(a,h,i)perylene	19.82	276	111622	2.35	ng/ul#	91

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

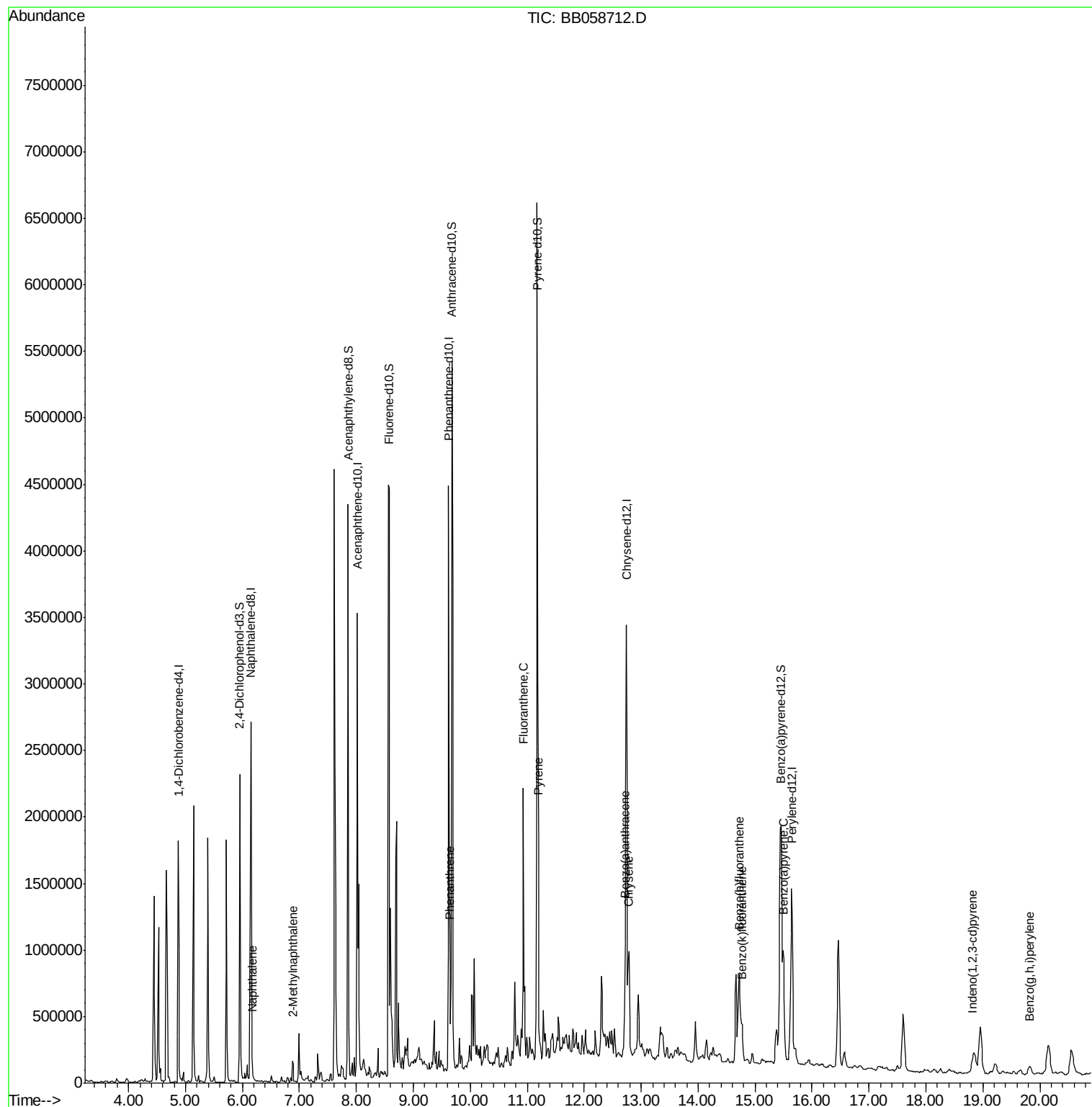
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058712.D
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Sample : I2107-06
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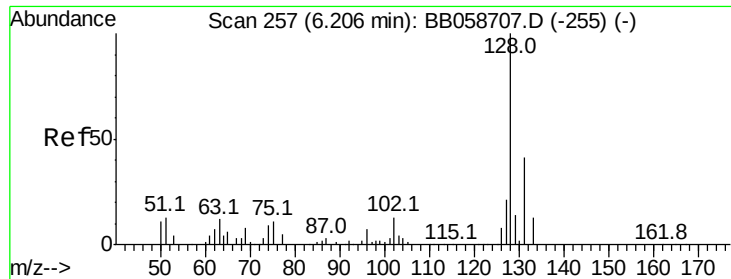
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Response via : Initial Calibration





#4

Naphthalene

Concen: 1.08 ng/ul

RT: 6.17 min Scan# 254

Delta R.T. -0.02 min

Lab File: BB058712.D

Acq: 9 Mar 2017 16:09

Instrument :

BNA_B

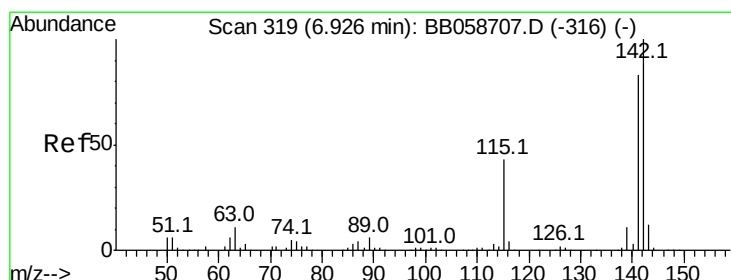
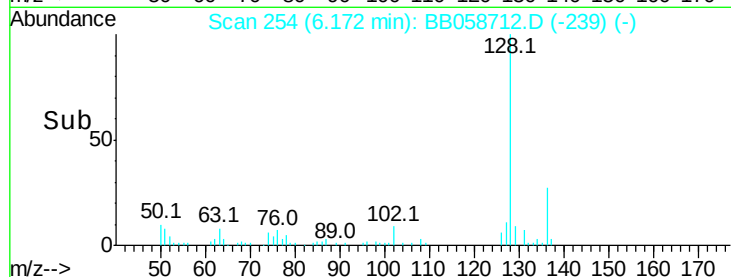
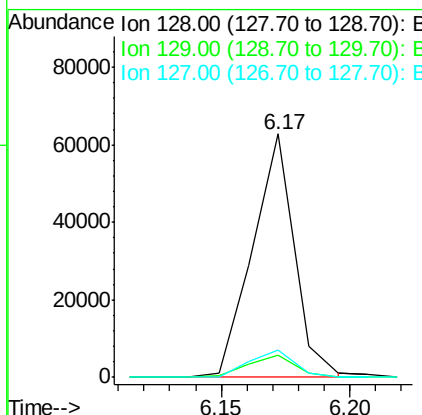
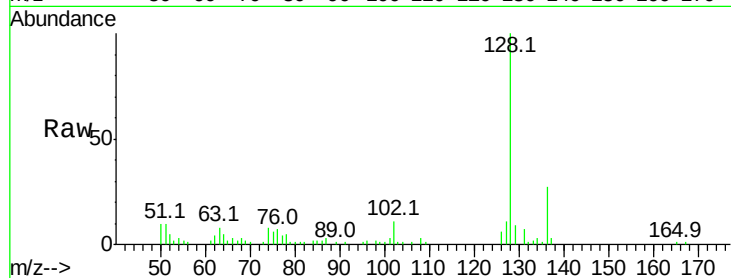
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
128	100		
129	9.0	12.8	19.2#
127	11.2	22.6	34.0#

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#5

2-Methylnaphthalene

Concen: 1.24 ng/ul

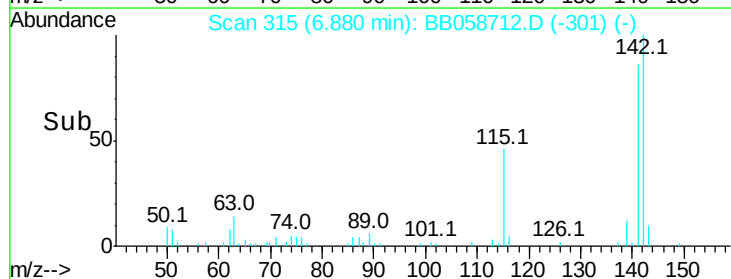
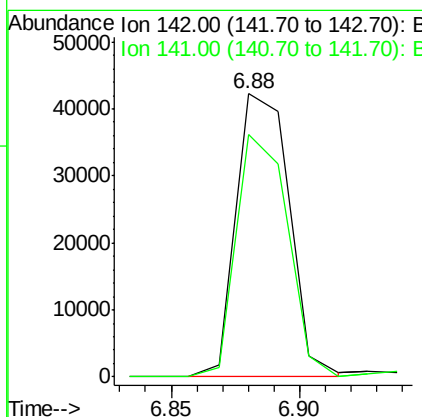
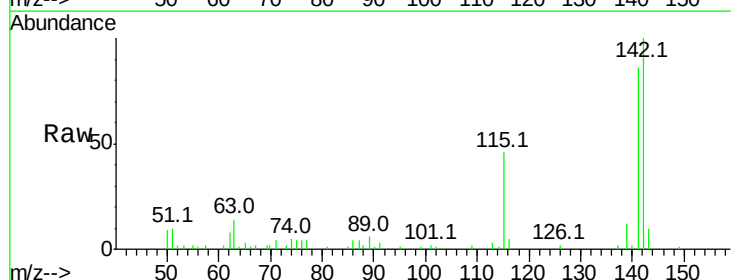
RT: 6.88 min Scan# 315

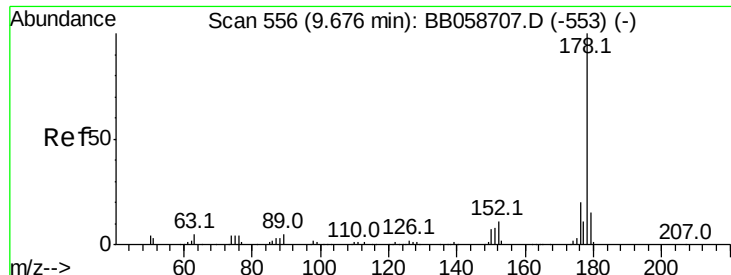
Delta R.T. -0.04 min

Lab File: BB058712.D

Acq: 9 Mar 2017 16:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.6	68.6	103.0





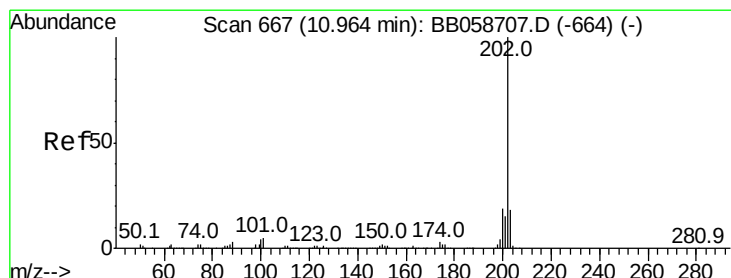
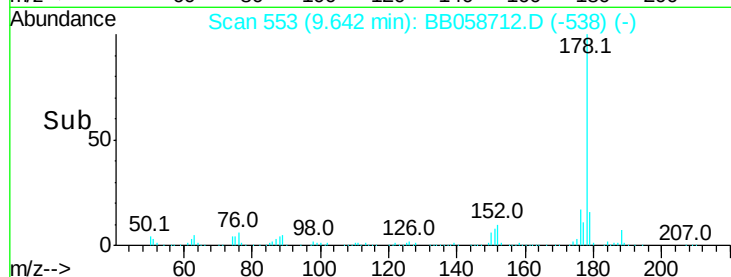
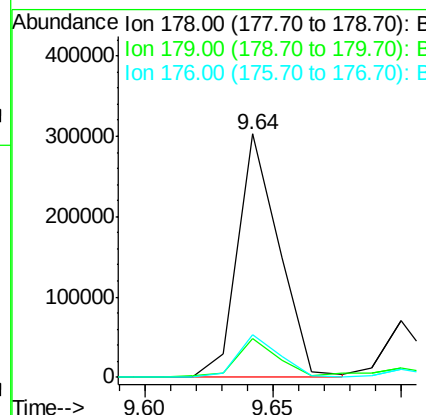
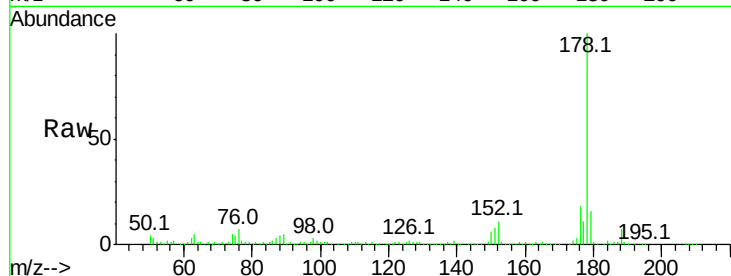
#14
Phenanthrene
Concen: 3.79 ng/ul
RT: 9.64 min Scan# 553
Delta R.T. -0.02 min
Lab File: BB058712.D
Acq: 9 Mar 2017 16:09

Instrument :
BNA_B
ClientSampleId :
C0AJ5

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	17.6	15.4	23.2

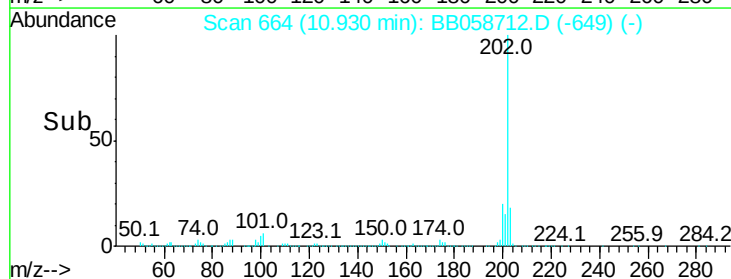
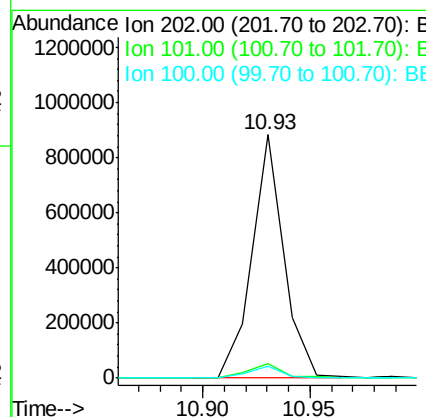
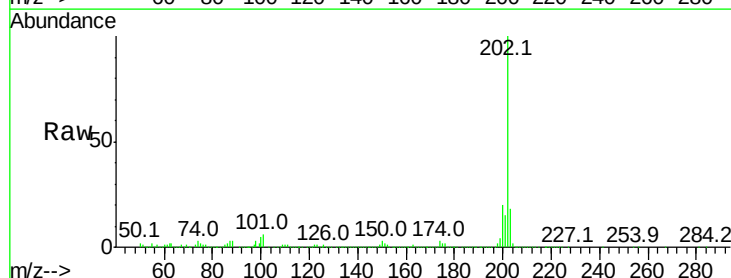
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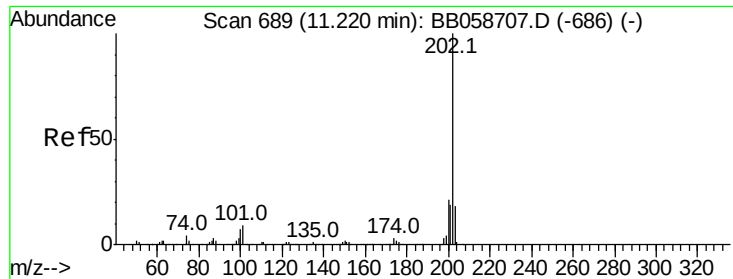
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#17
Fluoranthene
Concen: 10.94 ng/ul
RT: 10.93 min Scan# 664
Delta R.T. -0.02 min
Lab File: BB058712.D
Acq: 9 Mar 2017 16:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	9.8	14.8#
100	5.1	7.5	11.3#





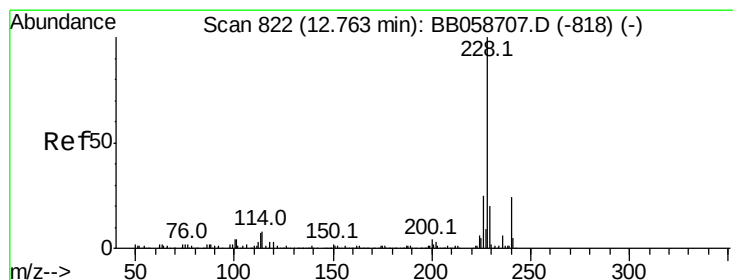
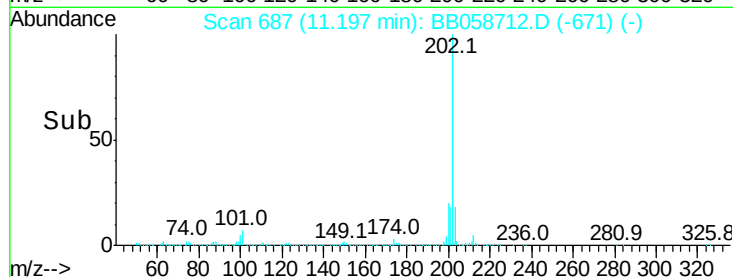
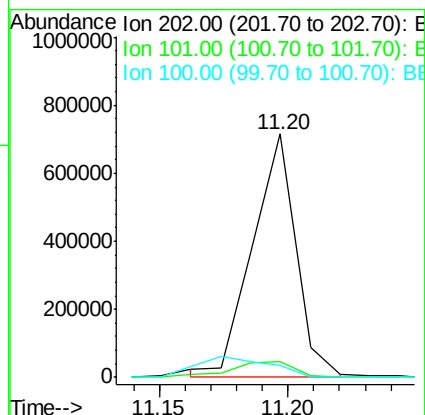
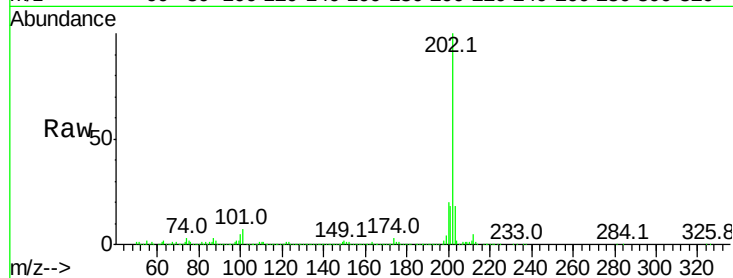
#20
Pvrene
Concen: 9.05 ng/ul
RT: 11.20 min Scan# 687
Delta R.T. -0.01 min
Lab File: BB058712.D
Acq: 9 Mar 2017 16:09

Instrument :
BNA_B
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	8.0	12.0#
100	5.1	6.8	10.2#

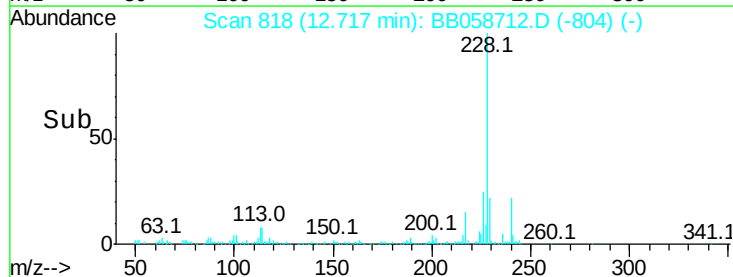
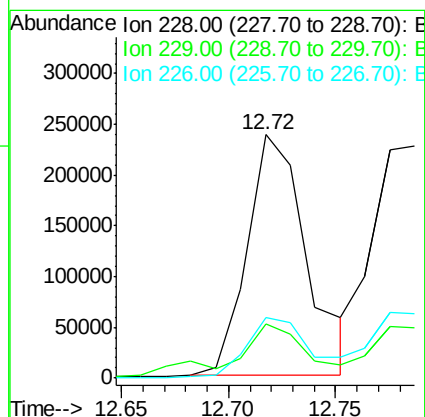
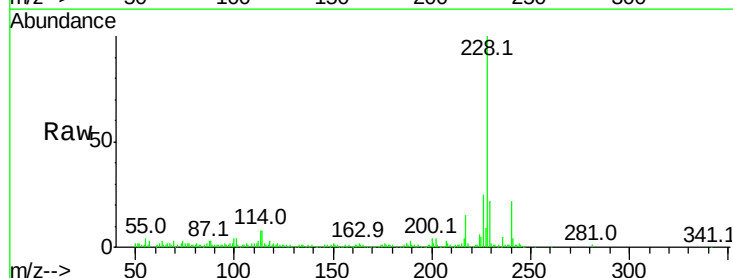
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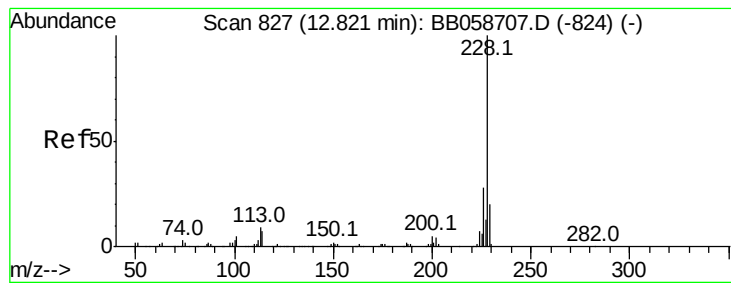
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#21
Benzo(a)anthracene
Concen: 5.29 ng/ul
RT: 12.72 min Scan# 818
Delta R.T. -0.04 min
Lab File: BB058712.D
Acq: 9 Mar 2017 16:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.0	15.7	23.5
226	25.0	21.0	31.6





#22

Chrysene

Concen: 5.25 ng/ul

RT: 12.79 min Scan# 824

Delta R.T. -0.02 min

Lab File: BB058712.D

Acq: 9 Mar 2017 16:09

Instrument :

BNA_B

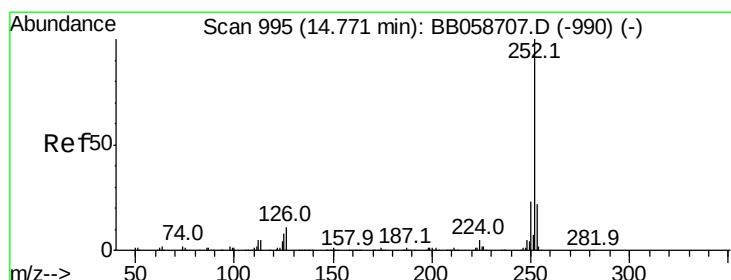
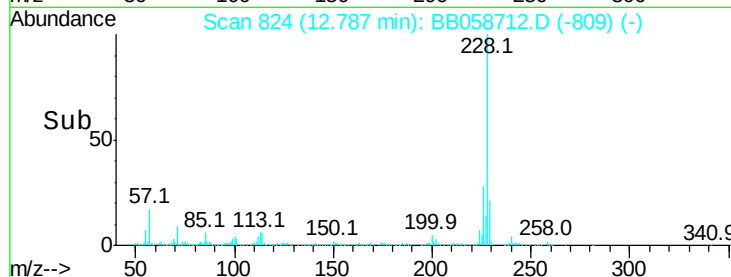
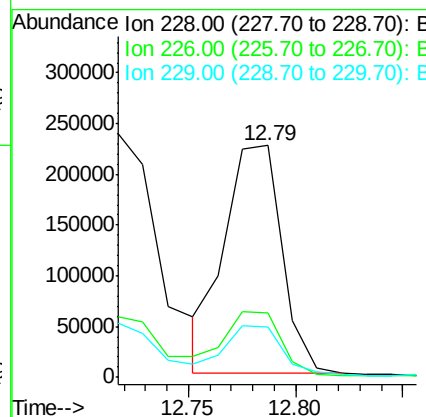
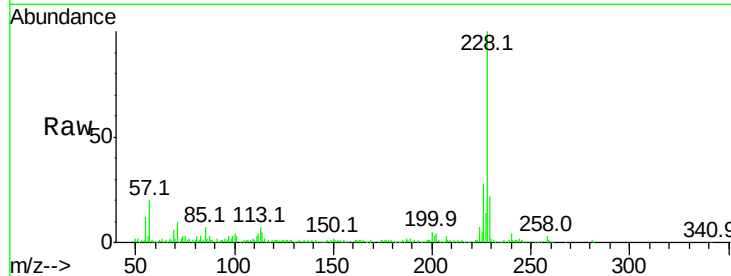
ClientSampleId :

C0AJ5

Tot Ion:	228	Resp:	414947
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.4	35.0
229	21.9	16.1	24.1

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#24

Benzo(b)fluoranthene

Concen: 8.19 ng/ul

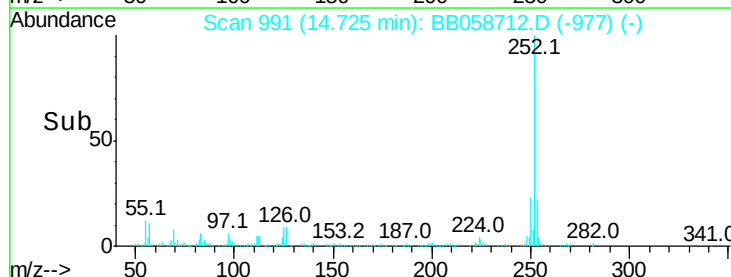
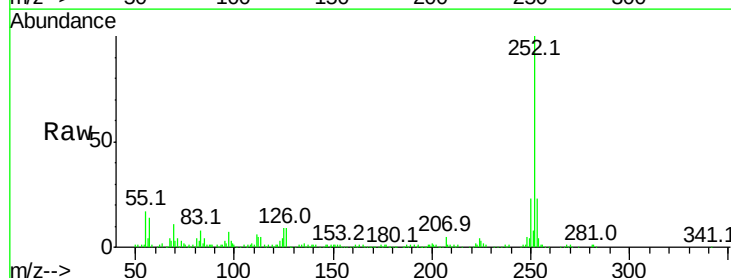
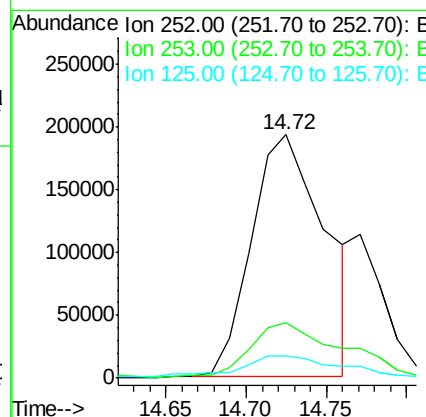
RT: 14.72 min Scan# 991

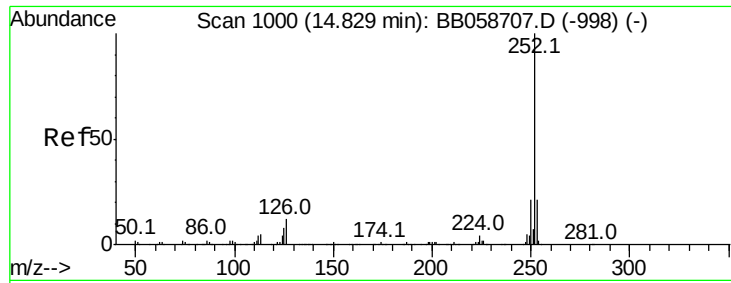
Delta R.T. -0.04 min

Lab File: BB058712.D

Acq: 9 Mar 2017 16:09

Tgt Ion:	252	Resp:	606769
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.2
125	8.9	6.4	9.6





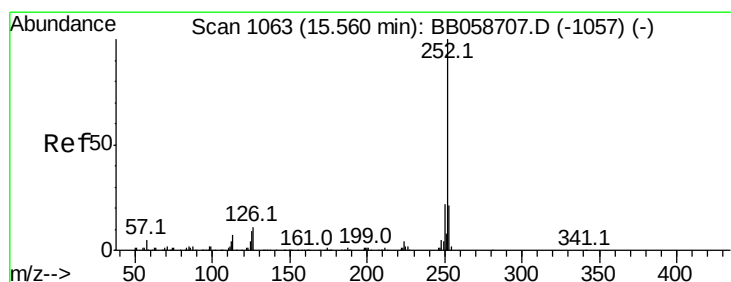
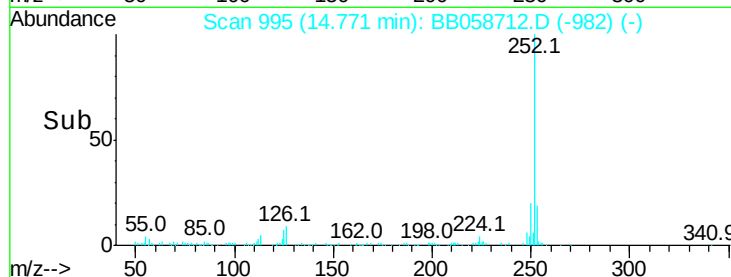
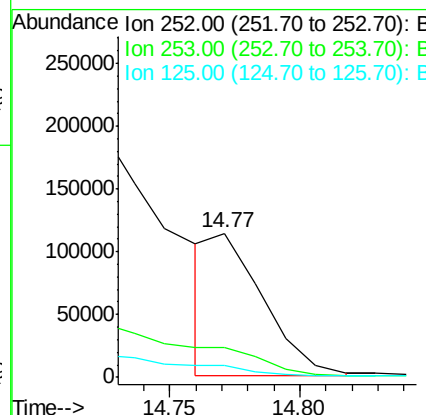
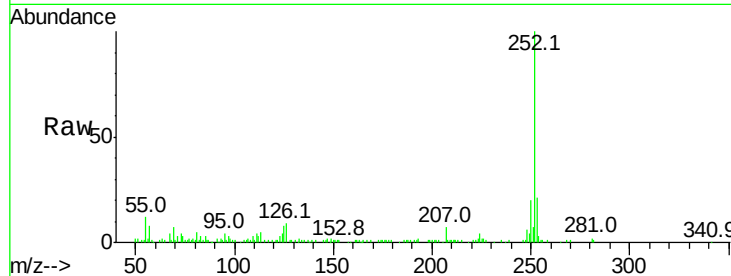
#25
Benzo(k)fluoranthene
Concen: 2.44 ng/ul m
RT: 14.77 min Scan# 995
Delta R.T. -0.05 min
Lab File: BB058712.D
Acq: 9 Mar 2017 16:09

Instrument :
BNA_B
ClientSampled :
C0AJ5

Tot Ion	Ratio	Resp	Lower	Upper
252	100	158152		
253	20.9	18.2	27.4	
125	8.2	7.0	10.4	

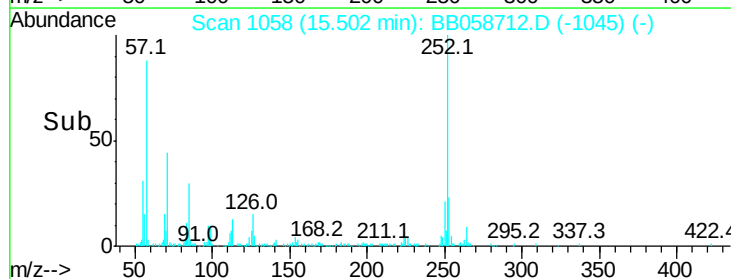
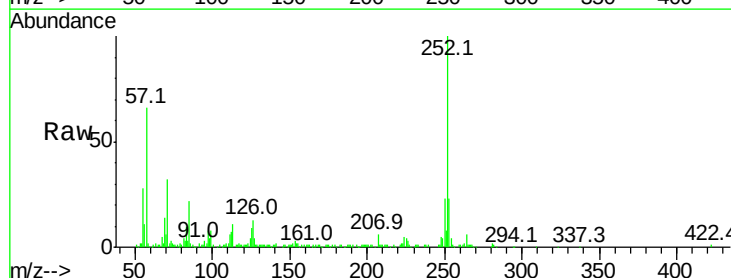
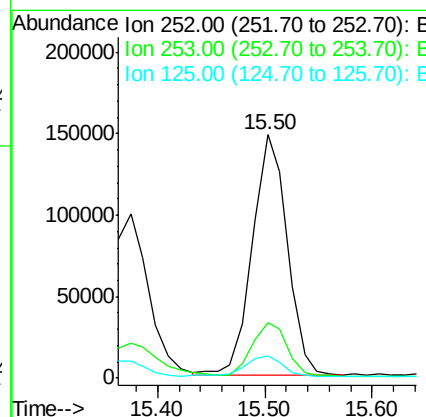
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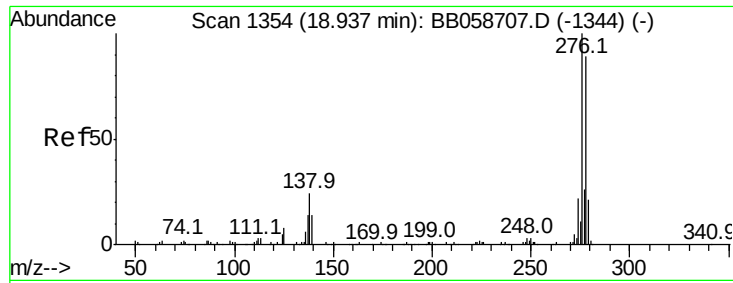
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#27
Benzo(a)pyrene
Concen: 5.04 ng/ul
RT: 15.50 min Scan# 1058
Delta R.T. -0.05 min
Lab File: BB058712.D
Acq: 9 Mar 2017 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	335223		
253	22.9	17.3	25.9	
125	9.2	7.5	11.3	





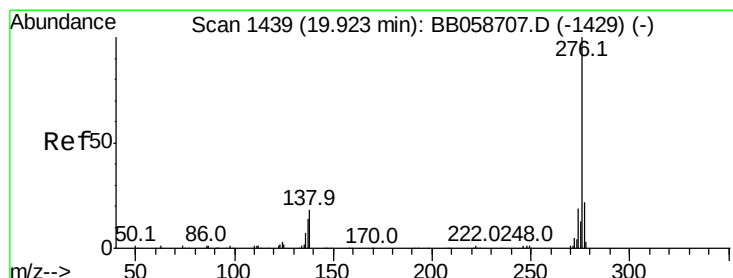
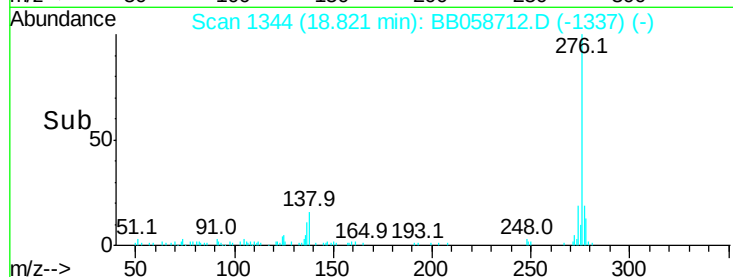
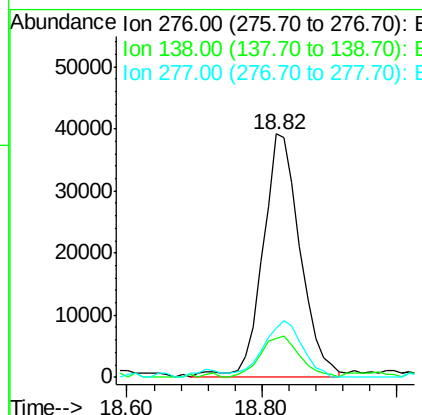
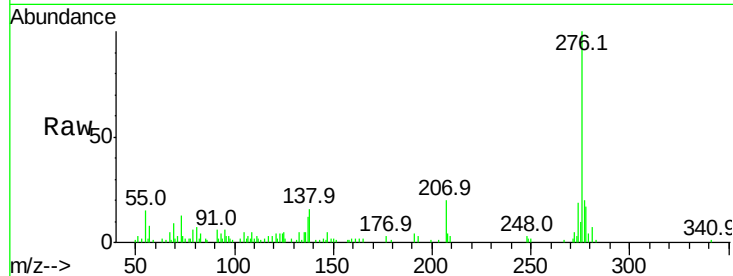
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.49 ng/ul
 RT: 18.82 min Scan# 1344
 Delta R.T. -0.12 min
 Lab File: BB058712.D
 Acq: 9 Mar 2017 16:09

Instrument :
 BNA_B
 ClientSampled :
 C0AJ5

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	18.2	27.4#
277	20.4	20.9	31.3#

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#30
 Benzo(g,h,i)perylene
 Concen: 2.35 ng/ul
 RT: 19.82 min Scan# 1430
 Delta R.T. -0.09 min
 Lab File: BB058712.D
 Acq: 9 Mar 2017 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	14.2	21.2#
277	20.3	18.9	28.3

