

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058713.D
 Acq On : 9 Mar 2017 16:35
 Operator : UM/SJ
 Sample : I2107-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ6

Manual Integrations
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Quant Time: Mar 15 14:55:15 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	363347	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1355144	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	904647	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1796726	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1665231	20.00	ng/ul	-0.04
23) Perylene-d12	15.64	264	1152138	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.96	165	396840	15.37	ng/uL	-0.02
7) Acenaphthylene-d8	7.85	160	1491625	21.16	ng/ul	-0.02
10) Fluorene-d10	8.56	176	1065084	18.60	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1514686	18.95	ng/ul	-0.02
19) Pyrene-d10	11.17	212	1506629	19.90	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.44	264	946498	18.36	ng/ul	-0.05
Target Compounds						
					Qvalue	
4) Naphthalene	6.17	128	502984	7.60	ng/ul#	77
5) 2-Methylnaphthalene	6.88	142	566689	11.46	ng/ul	100
14) Phenanthrene	9.64	178	749116	8.40	ng/ul	99
17) Fluoranthene	10.93	202	1135946	13.63	ng/ul#	87
20) Pyrene	11.20	202	1059329	11.43	ng/ul#	90
21) Benzo(a)anthracene	12.72	228	497185	5.69	ng/ul	96
22) Chrysene	12.79	228	730564	9.17	ng/ul	99
24) Benzo(b)fluoranthene	14.72	252	939445	13.32	ng/ul	98
25) Benzo(k)fluoranthene	14.77	252	281705m	4.56	ng/ul	
27) Benzo(a)pyrene	15.50	252	441473	6.97	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	18.83	276	211822	3.66	ng/ul#	90
29) Dibenzo(a,h)anthracene	18.84	278	57490	1.16	ng/ul#	84
30) Benzo(a,h,i)perylene	19.82	276	161330	3.57	ng/ul	94

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

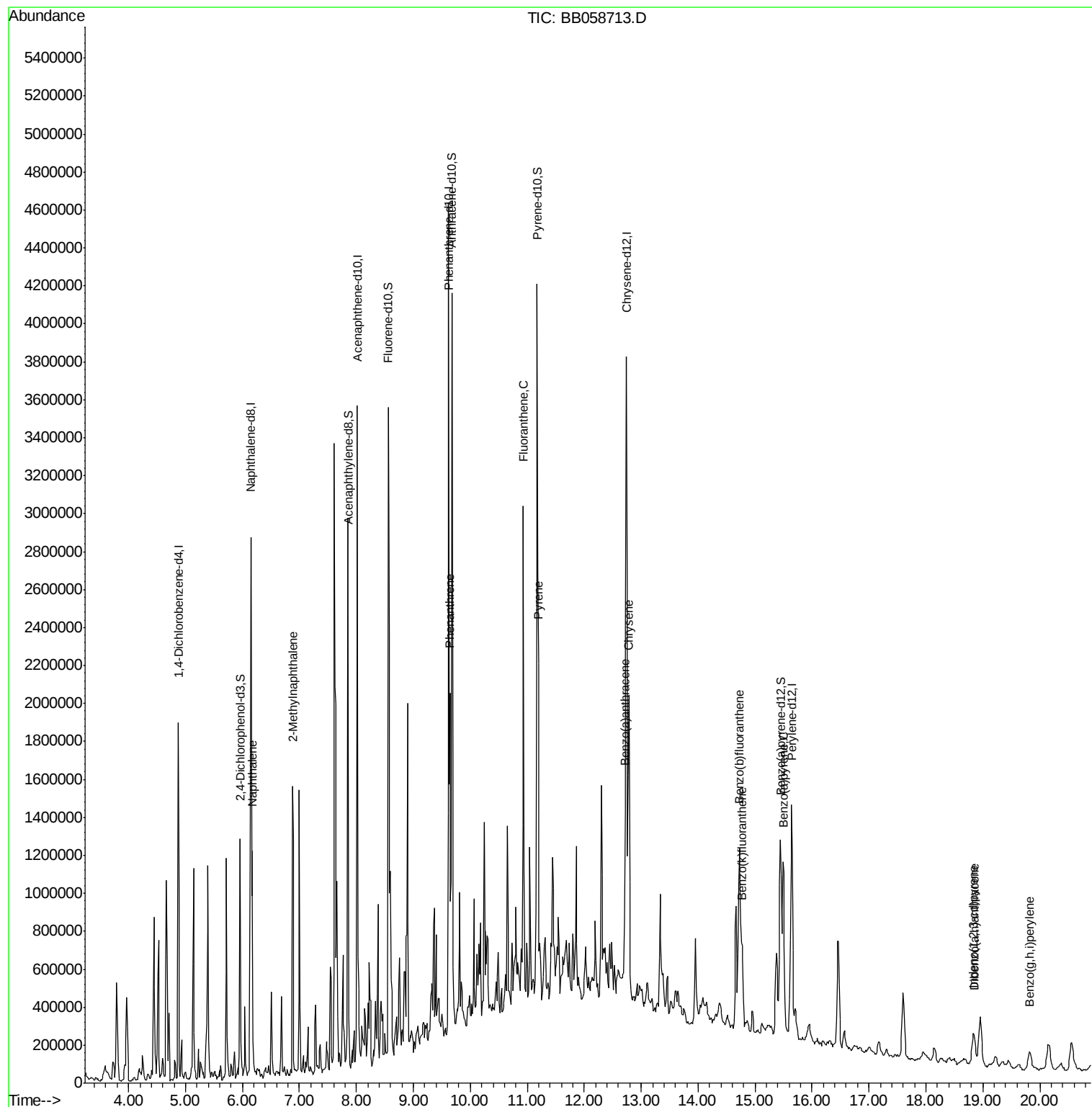
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058713.D
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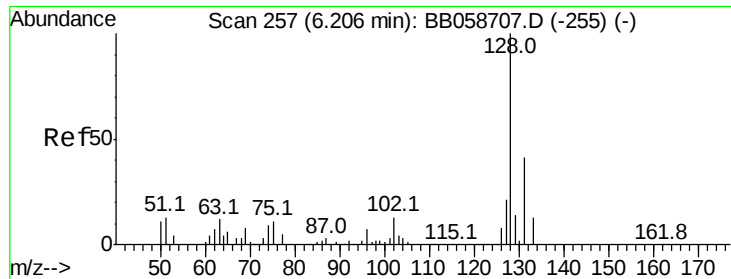
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Quant Time: Mar 15 14:55:15 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 7.60 ng/ul

RT: 6.17 min Scan# 254

Delta R.T. -0.02 min

Lab File: BB058713.D

Acq: 9 Mar 2017 16:35

Instrument :

BNA_B

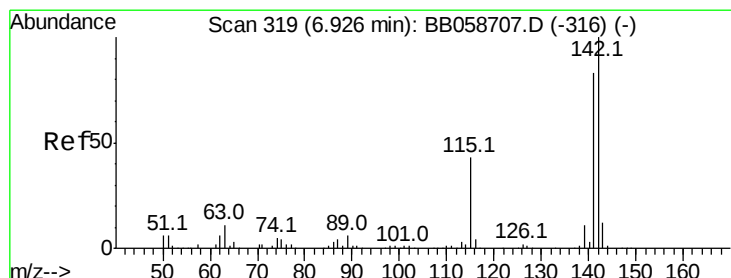
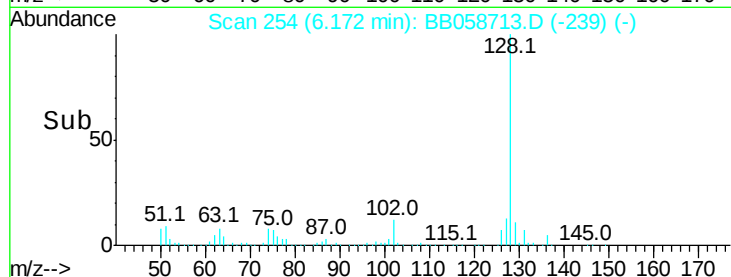
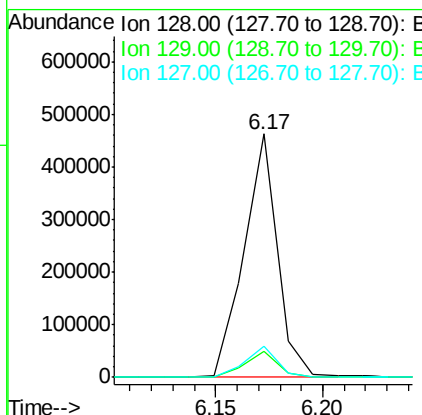
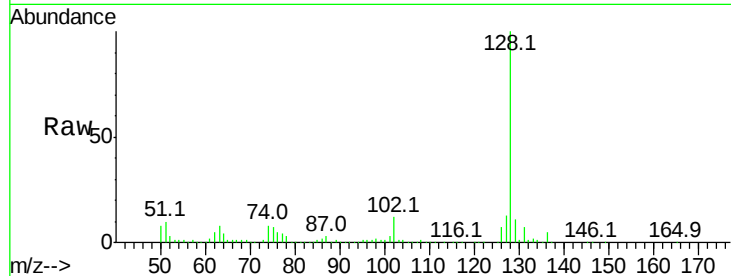
ClientSampleId :

C0AJ6

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	12.8	19.2#
127	12.7	22.6	34.0#

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#5

2-Methylnaphthalene

Concen: 11.46 ng/ul

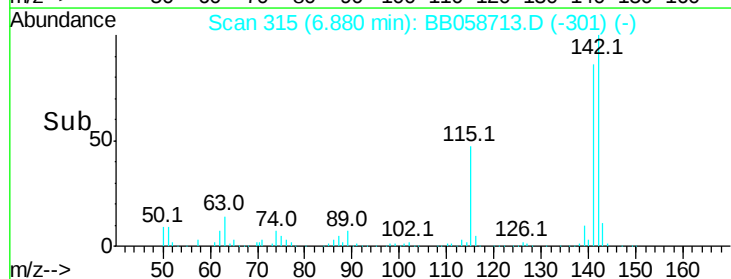
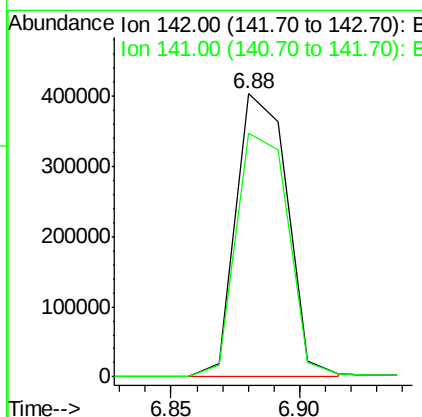
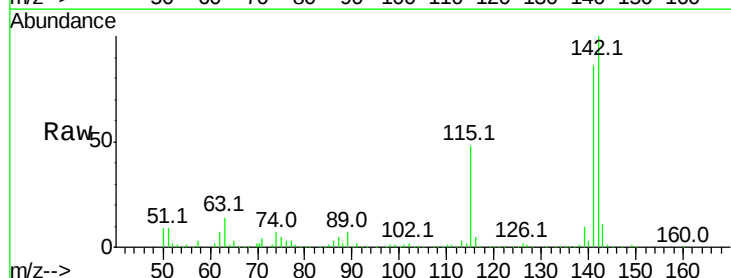
RT: 6.88 min Scan# 315

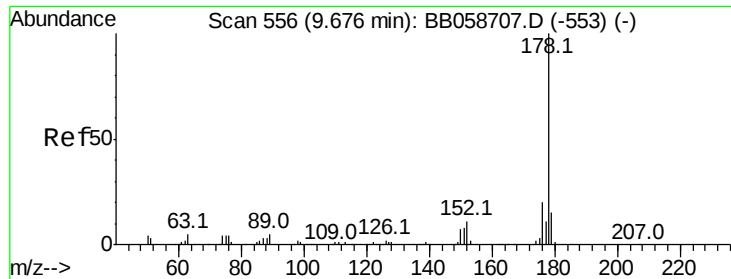
Delta R.T. -0.04 min

Lab File: BB058713.D

Acq: 9 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	68.6	103.0





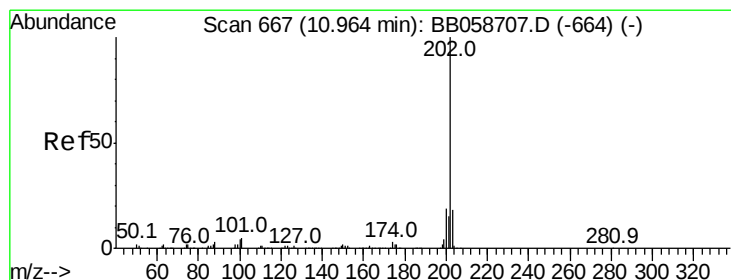
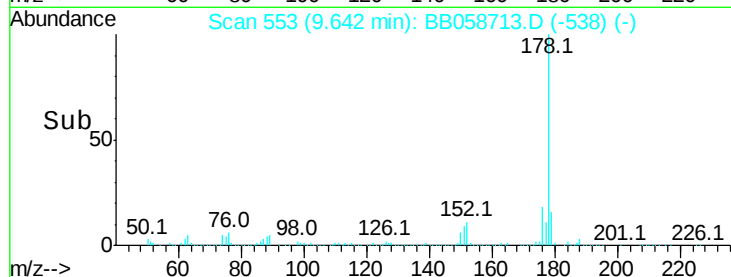
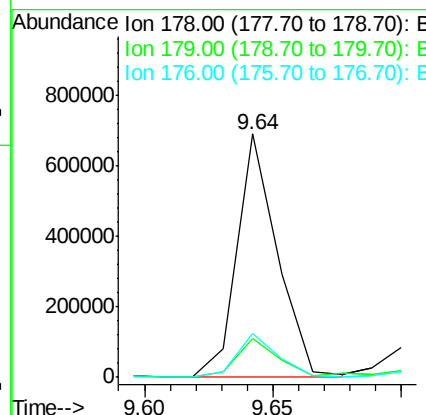
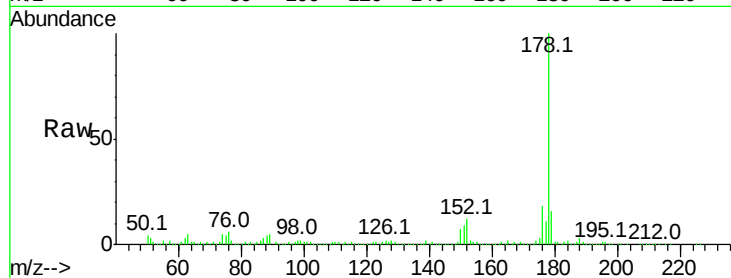
#14
Phenanthrene
Concen: 8.40 ng/ul
RT: 9.64 min Scan# 553
Delta R.T. -0.02 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Instrument :
BNA_B
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.4
176	18.2	15.4	23.2

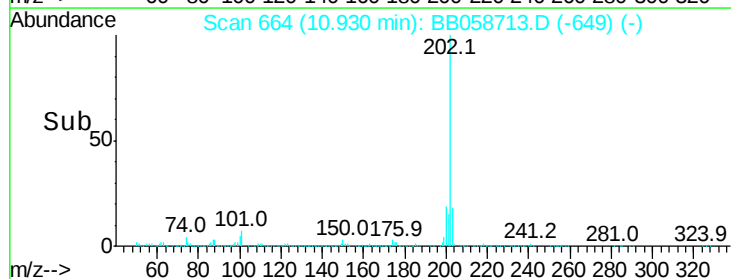
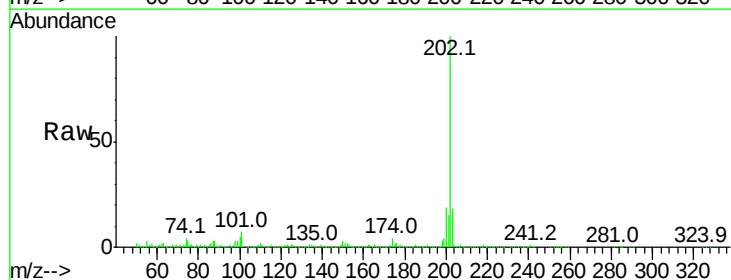
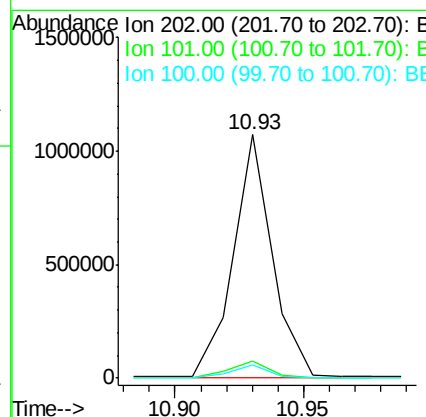
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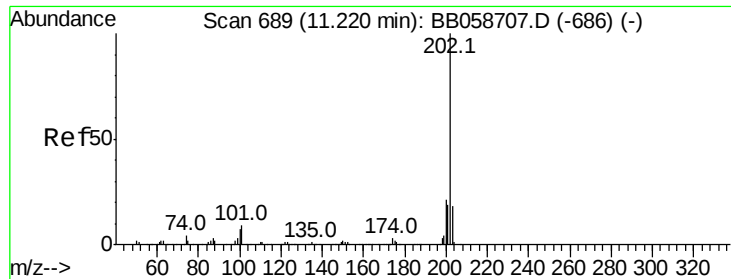
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#17
Fluoranthene
Concen: 13.63 ng/ul
RT: 10.93 min Scan# 664
Delta R.T. -0.02 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	9.8	14.8#
100	5.2	7.5	11.3#





#20

Pvrene

Concen: 11.43 ng/ul

RT: 11.20 min Scan# 687

Delta R.T. -0.01 min

Lab File: BB058713.D

Acq: 9 Mar 2017 16:35

Instrument :

BNA_B

ClientSampled :

C0AJ6

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.0	8.0	12.0#
100	5.1	6.8	10.2#

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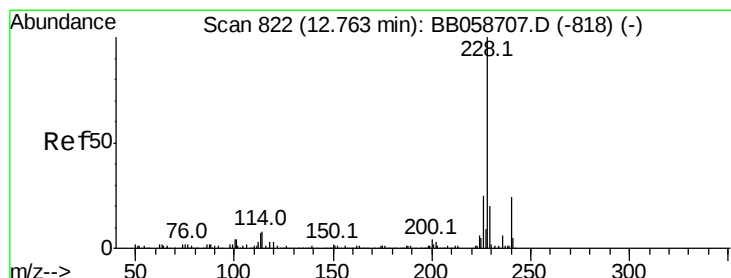
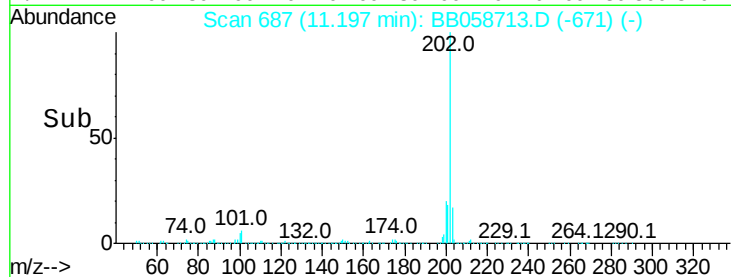
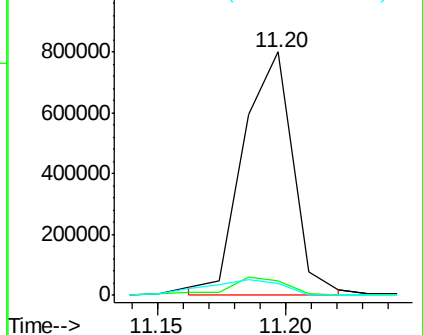
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#21

Benzo(a)anthracene

Concen: 5.69 ng/ul

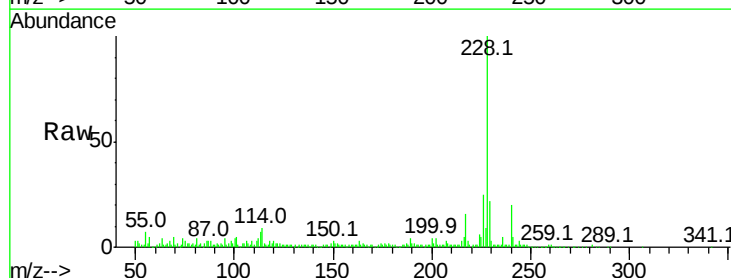
RT: 12.72 min Scan# 818

Delta R.T. -0.04 min

Lab File: BB058713.D

Acq: 9 Mar 2017 16:35

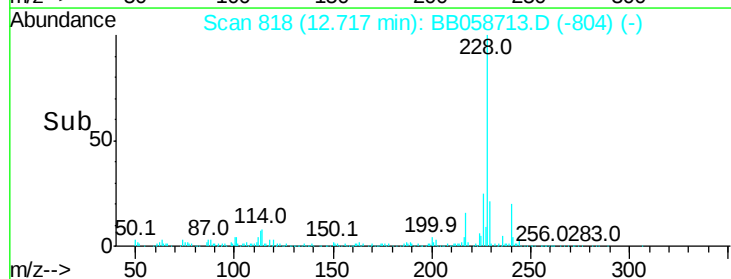
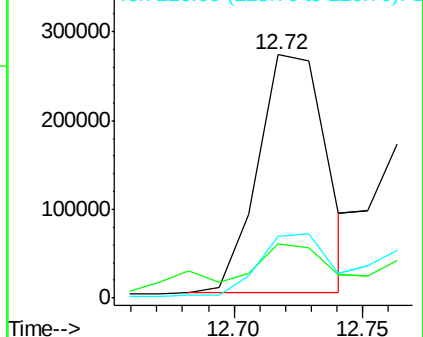
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	25.3	21.0	31.6

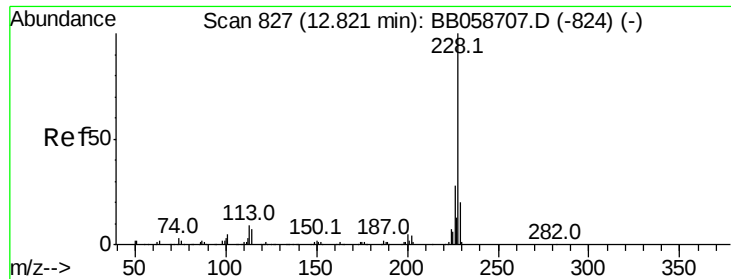


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





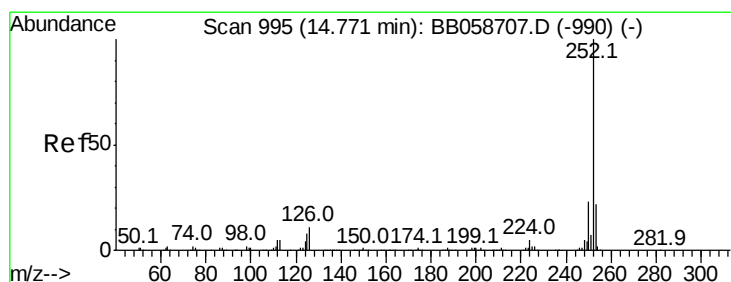
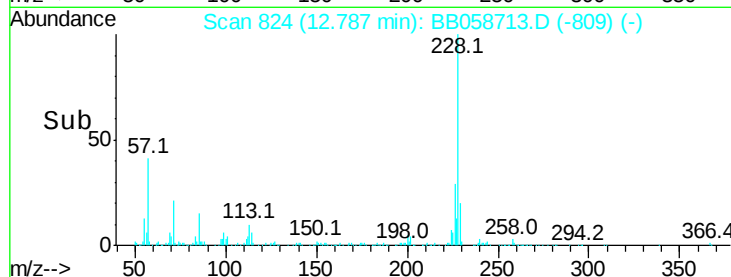
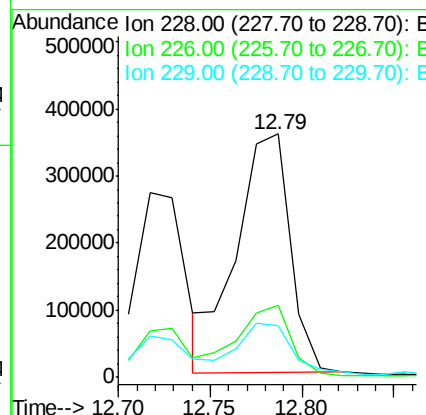
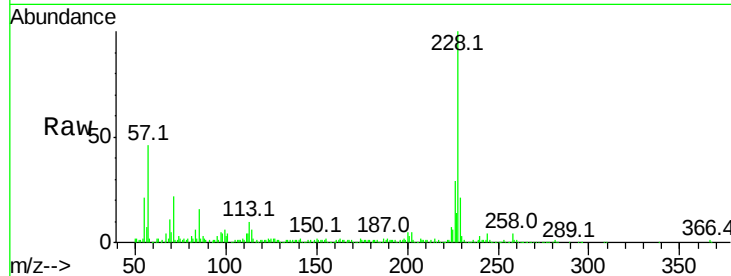
#22
Chrysene
Concen: 9.17 ng/ul
RT: 12.79 min Scan# 824
Delta R.T. -0.02 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Instrument :
BNA_B
Client Sampled :
C0AJ6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	21.1	16.1	24.1

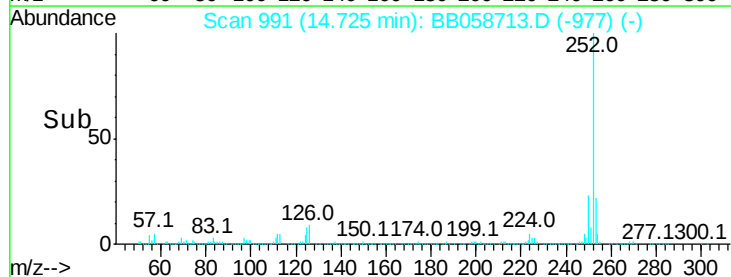
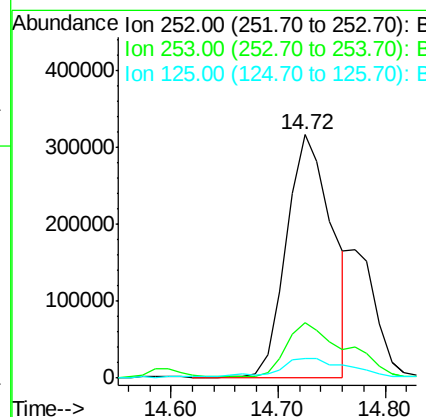
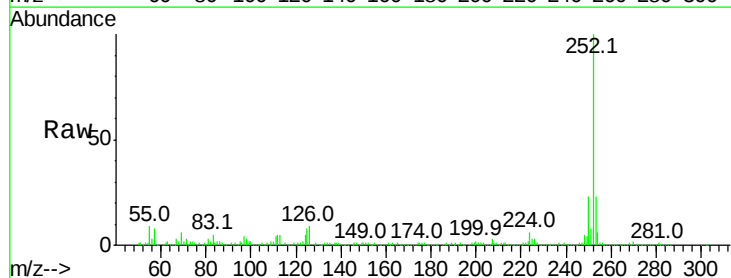
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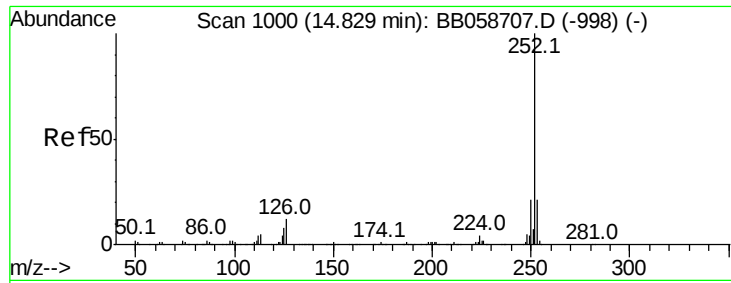
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#24
Benzo(b)fluoranthene
Concen: 13.32 ng/ul
RT: 14.72 min Scan# 991
Delta R.T. -0.04 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	8.3	6.4	9.6





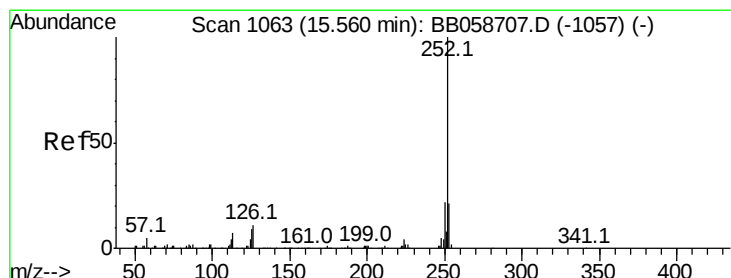
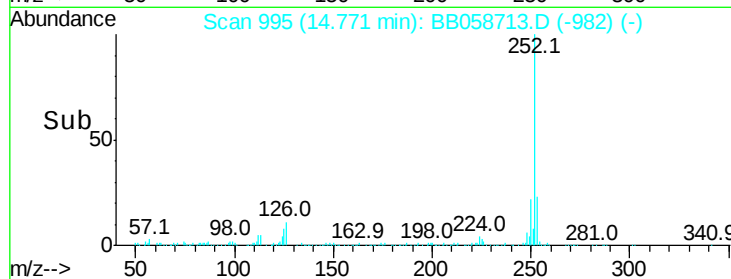
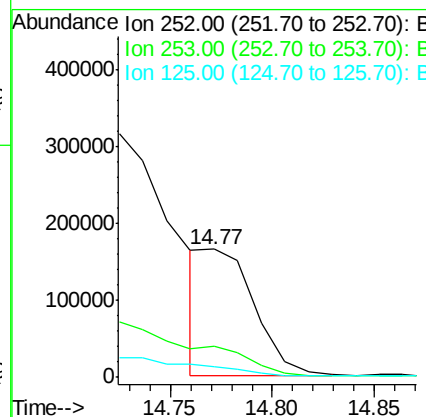
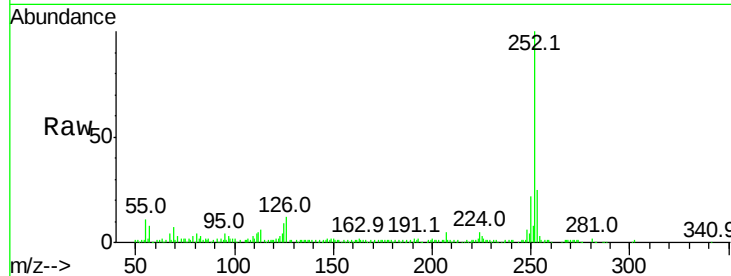
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Benzo(k)fluoranthene
Concen: 4.56 ng/ul m
RT: 14.77 min Scan# 995
Delta R.T. -0.05 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Instrument :
BNA_B
ClientSampleId :
C0AJ6

Tot Ion	Ratio	Resp	Lower	Upper
252	100	281705		
253	24.6		18.2	27.4
125	8.8		7.0	10.4

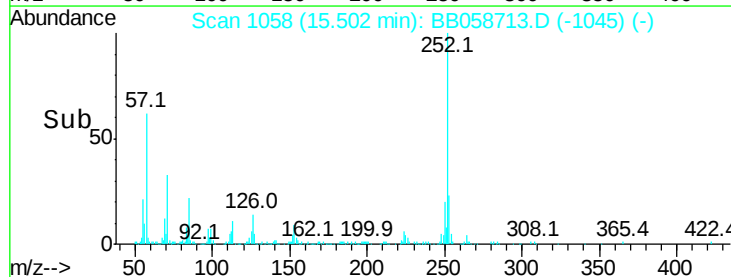
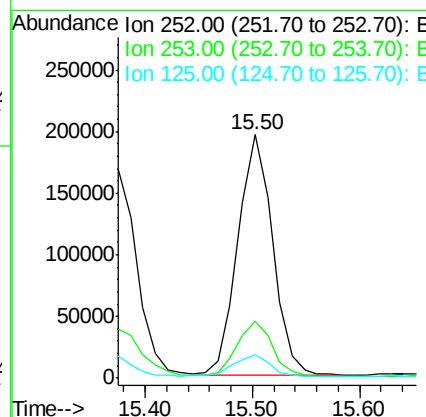
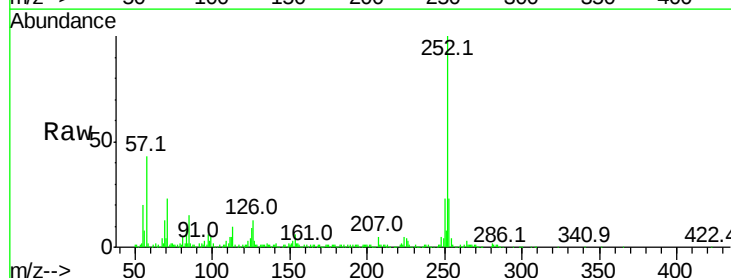
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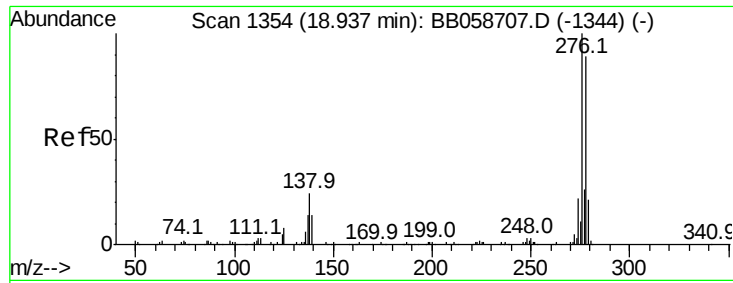
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#27
Benzo(a)pyrene
Concen: 6.97 ng/ul
RT: 15.50 min Scan# 1058
Delta R.T. -0.05 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	441473		
253	23.2		17.3	25.9
125	9.4		7.5	11.3





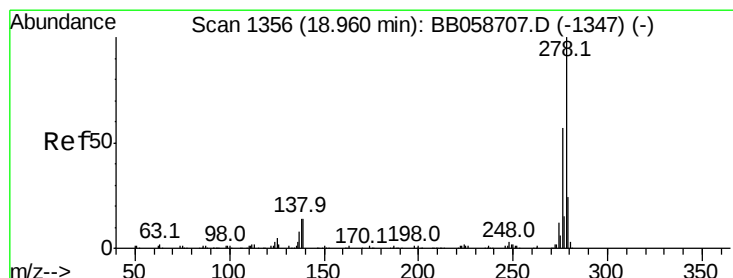
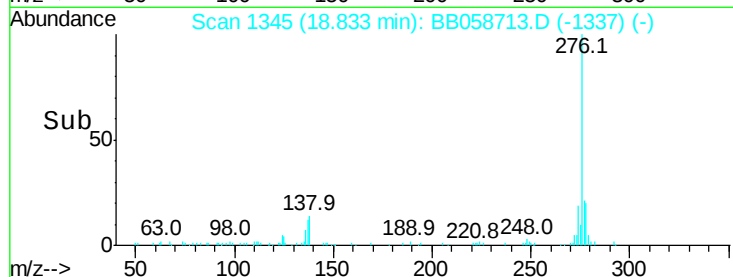
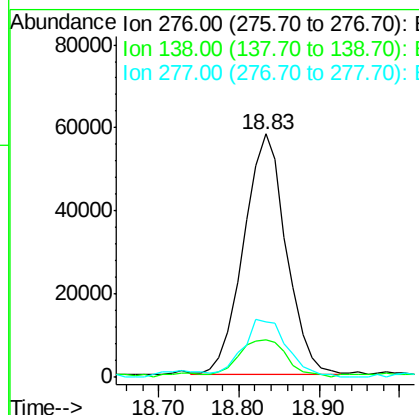
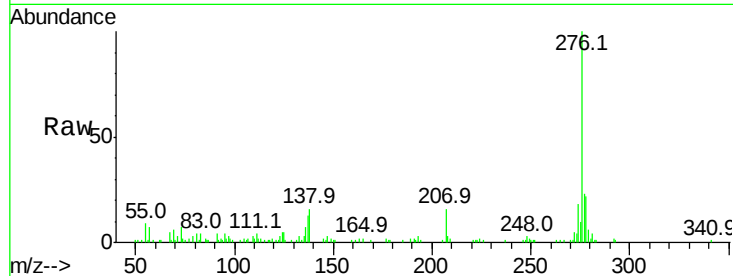
#28
Indeno(1,2,3-cd)pyrene
Concen: 3.66 ng/ul
RT: 18.83 min Scan# 1345
Delta R.T. -0.11 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Instrument :
BNA_B
Client Sampled :
C0AJ6

Tot Ion	Ratio	Resp	Lower	Upper
276	100	211822		
138	15.7		18.2	27.4#
277	23.0		20.9	31.3

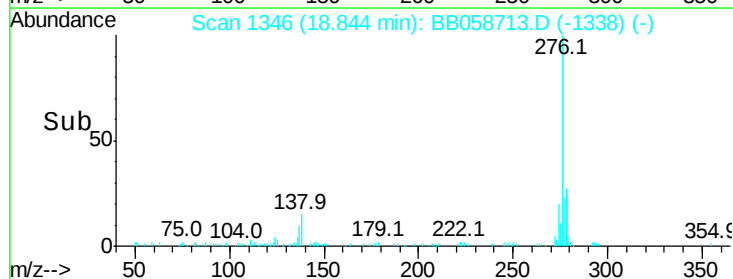
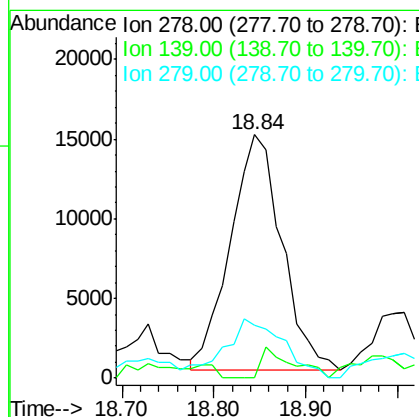
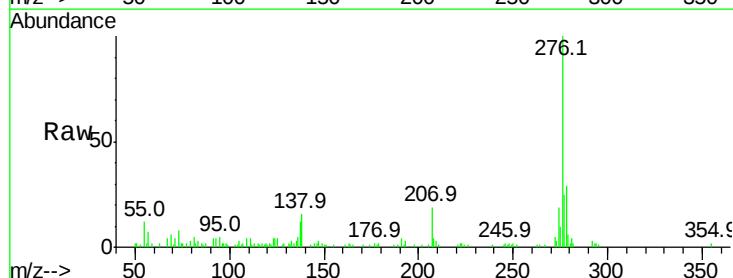
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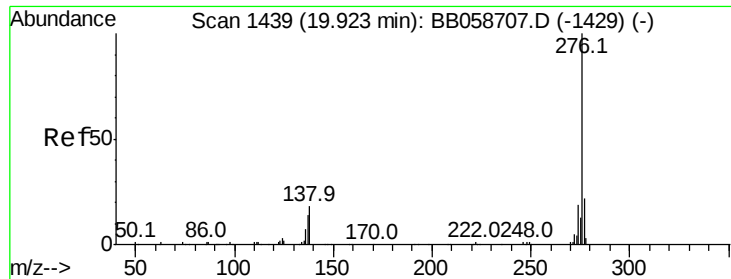
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#29
Dibenzo(a,h)anthracene
Concen: 1.16 ng/ul
RT: 18.84 min Scan# 1346
Delta R.T. -0.11 min
Lab File: BB058713.D
Acq: 9 Mar 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	57490		
139	0.0		11.7	17.5#
279	21.9		18.9	28.3





#30
 Benzo(a,h,i)perylene
 Concen: 3.57 ng/ul
 RT: 19.82 min Scan# 1430
 Delta R.T. -0.09 min
 Lab File: BB058713.D
 Acq: 9 Mar 2017 16:35

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.2	21.2
277	19.4	18.9	28.3

Manual Integrations
 APPROVED

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