

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006929.D
 Acq On : 06 Aug 2016 08:46
 Operator : UM/SJ
 Sample : H4278-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJS9

Manual Integrations
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Quant Time: Aug 08 01:33:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 06 00:33:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	183450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	752139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	436384	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	980241	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1122028	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1109635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2828	0.85	ng/uL	0.00
5) Phenol-d5	6.78	99	245166	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	146781	16.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	173007	16.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	179873m	16.38	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	100854	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	115875m	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	240597m	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	216621m	16.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	909040	25.29	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1066582	24.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	94765	12.02	ng/ul	0.00
57) Fluorene-d10	15.22	176	794607	23.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	92487	14.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	1201435	25.52	ng/ul	0.00
76) Pyrene-d10	19.37	212	1414640	24.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1374481	25.44	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.80	94	18959	1.33	ng/ul#	76
44) Dimethylphthalate	13.68	163	447198	12.52	ng/ul	99
69) Phenanthrene	17.01	178	124965	2.31	ng/ul	99
74) Fluoranthene	19.04	202	393006	5.67	ng/ul#	93
77) Pyrene	19.41	202	381816	5.17	ng/ul#	93
80) Benzo(a)anthracene	21.16	228	206976	3.03	ng/ul	97
82) Chrysene	21.22	228	228651	3.81	ng/ul	94
85) Benzo(b)fluoranthene	22.72	252	307191	4.39	ng/ul#	94
86) Benzo(k)fluoranthene	22.76	252	84841m	1.24	ng/ul	
88) Benzo(a)pyrene	23.27	252	197670	2.98	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.55	276	136314	1.73	ng/ul	97
91) Benzo(g,h,i)perylene	26.22	276	134351	2.10	ng/ul#	96

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

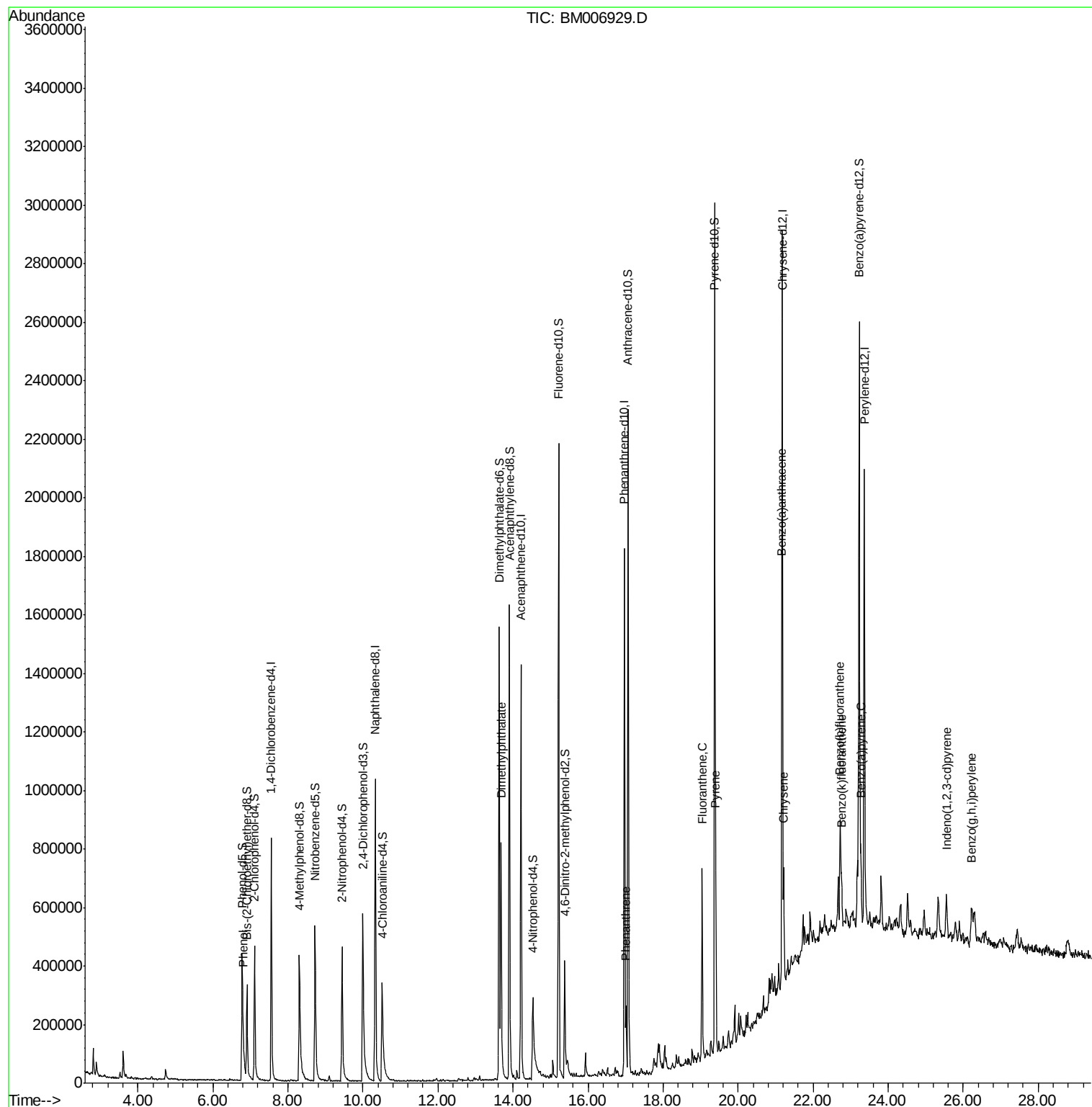
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
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Operator : UM/SJ
Sample : H4278-18
Misc :
ALS Vial : 36 Sample Multiplier: 1

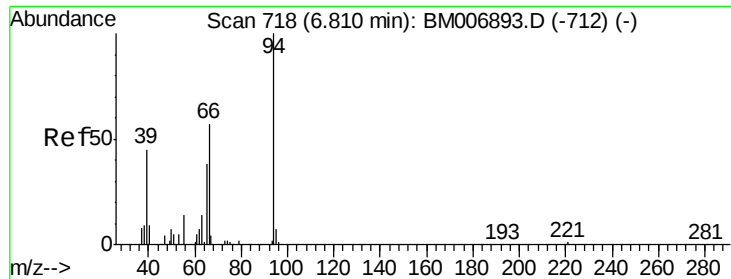
Instrument :
BNA_M
ClientSampleId :
BDJS9

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Quant Time: Aug 08 01:33:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.33 ng/ul

RT: 6.80 min Scan# 717

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

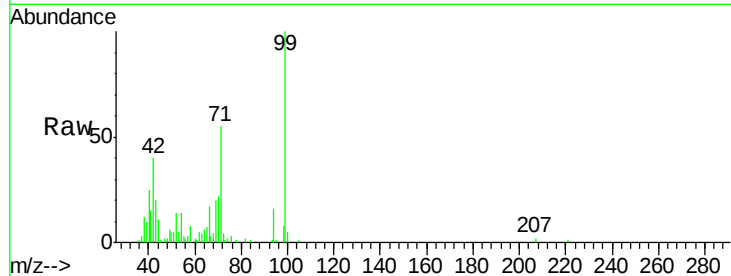
ClientSampled :

BDJS9

Tgt Ion:	94	Resp:	18959
Ion Ratio	Lower	Upper	
94	100		
65	44.4	39.3	58.9
66	106.1	60.7	91.1#

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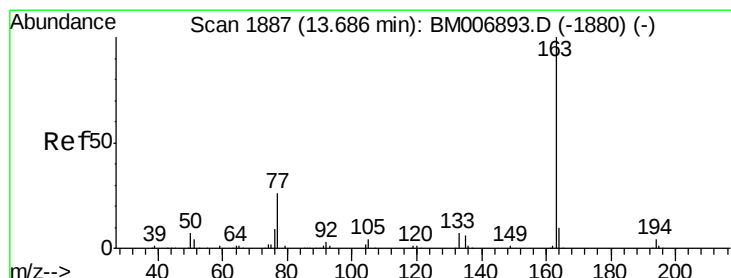
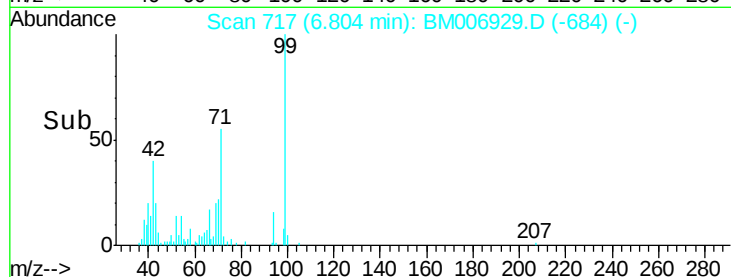
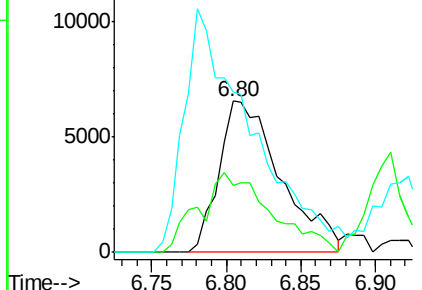
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Abundance Ion 94.00 (93.70 to 94.70): BM006893.D (-712) (-)

Ion 65.00 (64.70 to 65.70): BM006893.D (-712) (-)

Ion 66.00 (65.70 to 66.70): BM006893.D (-712) (-)



#44

Dimethylphthalate

Concen: 12.52 ng/ul

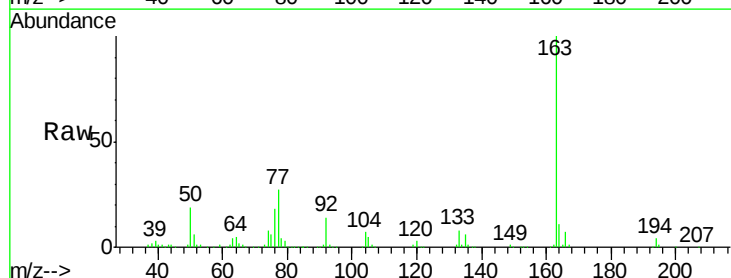
RT: 13.68 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

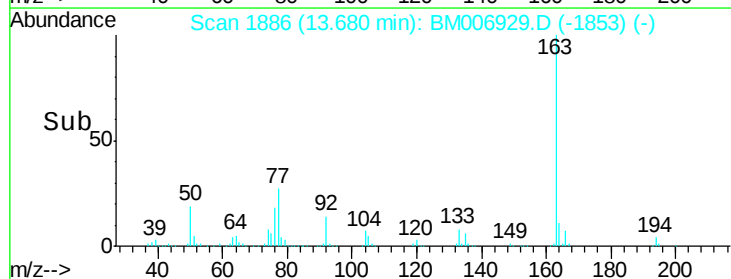
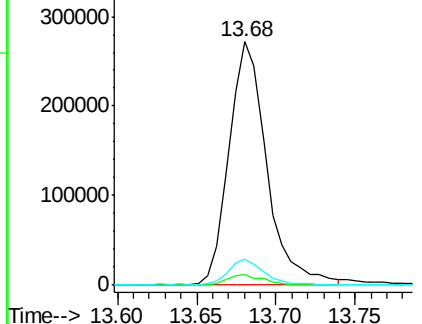
Tgt Ion:	163	Resp:	447198
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	10.9	8.6	12.8

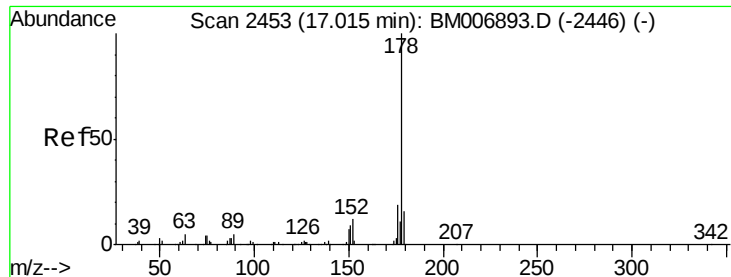


Abundance Ion 163.00 (162.70 to 163.70): BM006893.D (-1880) (-)

Ion 194.00 (193.70 to 194.70): BM006893.D (-1880) (-)

Ion 164.00 (163.70 to 164.70): BM006893.D (-1880) (-)





#69

Phenanthrene

Concen: 2.31 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

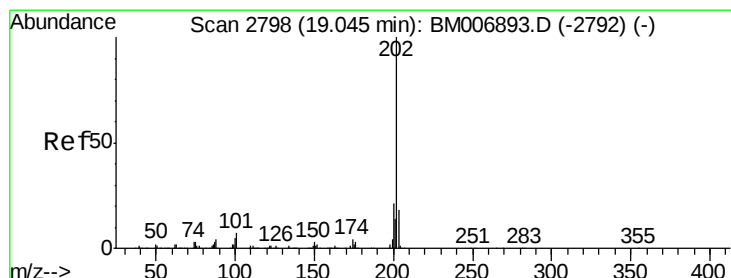
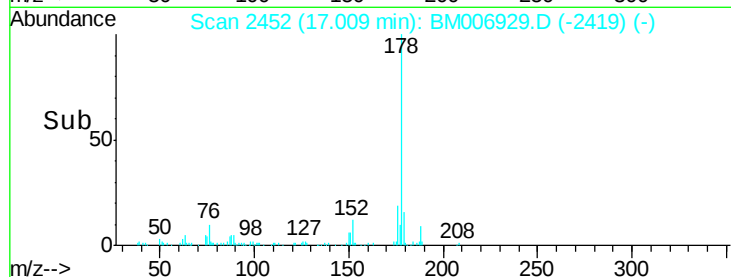
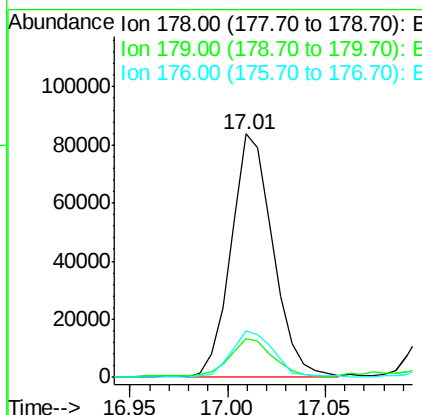
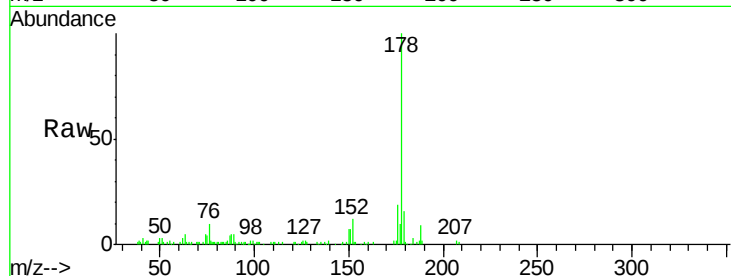
ClientSampleId :

BDJS9

Tgt Ion:	178	Resp:	124965
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.2
176	19.2	15.2	22.8

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#74

Fluoranthene

Concen: 5.67 ng/ul

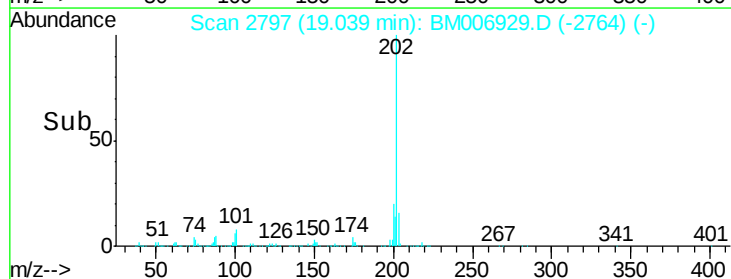
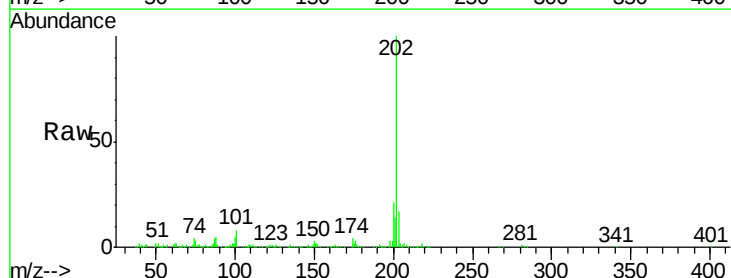
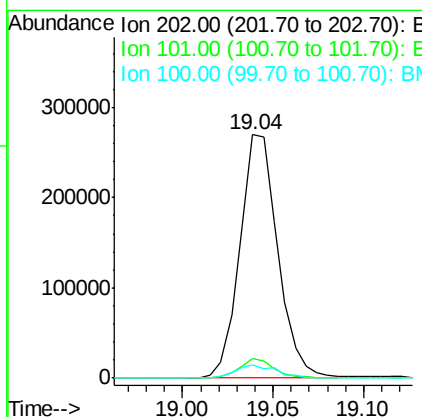
RT: 19.04 min Scan# 2797

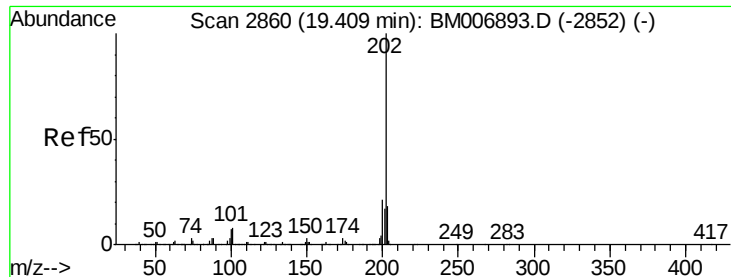
Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Tgt Ion:	202	Resp:	393006
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.1	6.1#
100	5.5	3.0	4.6#





#77

Pyrene

Concen: 5.17 ng/ul

RT: 19.41 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

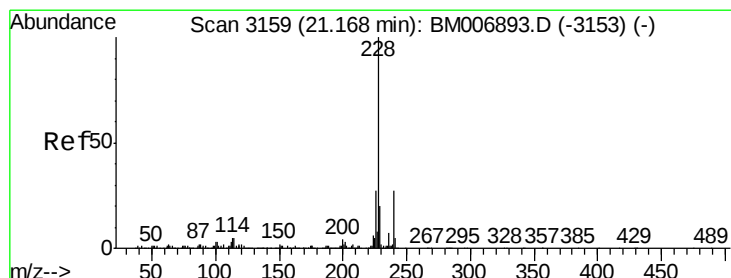
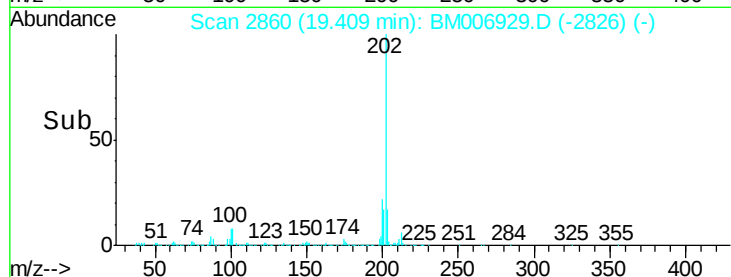
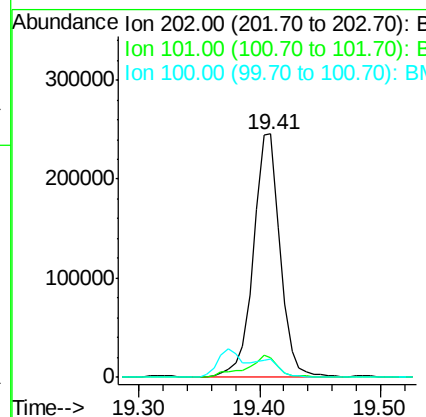
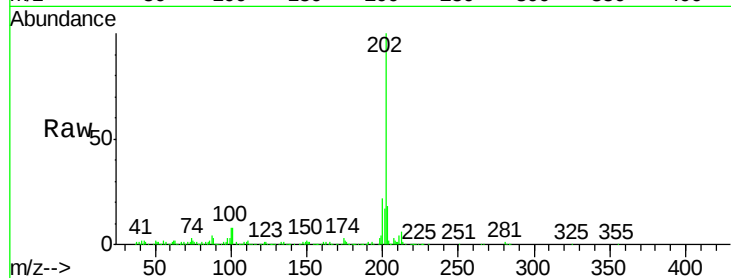
ClientSampleId :

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Tgt Ion:	202	Resp:	381816
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.6	6.8#
100	7.7	4.5	6.7#

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#80

Benzo(a)anthracene

Concen: 3.03 ng/ul

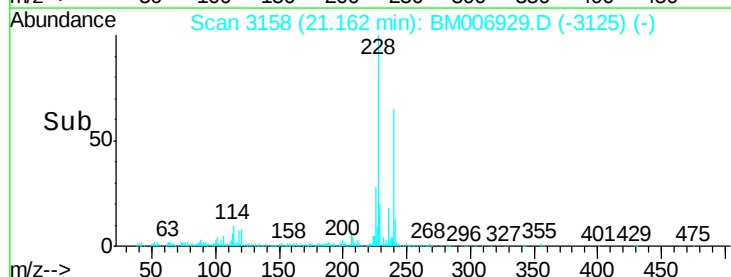
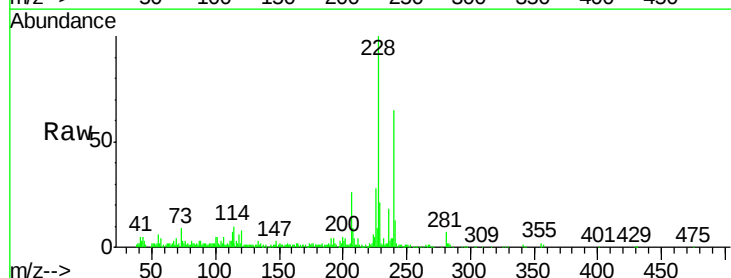
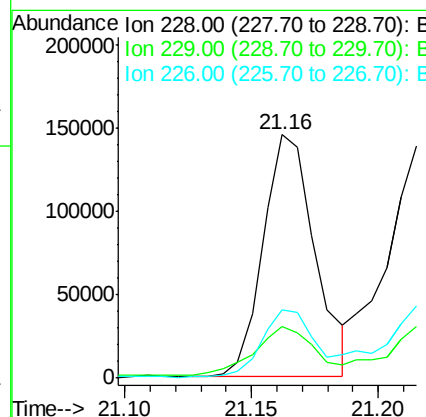
RT: 21.16 min Scan# 3158

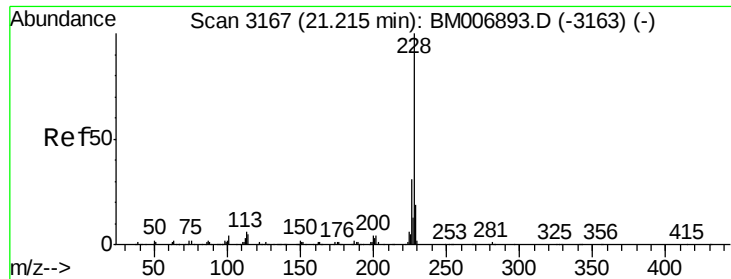
Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Tgt Ion:	228	Resp:	206976
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.7	23.5
226	28.2	21.3	31.9





#82

Chrysene

Concen: 3.81 ng/ul

RT: 21.22 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

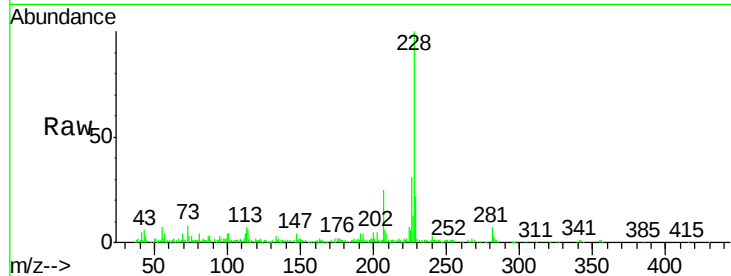
ClientSampleId :

BDJS9

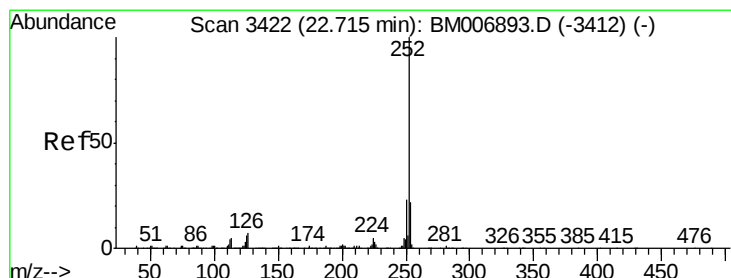
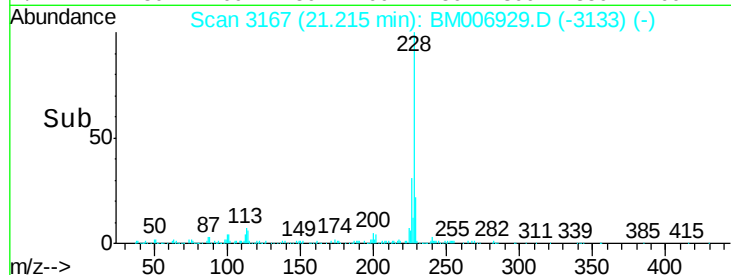
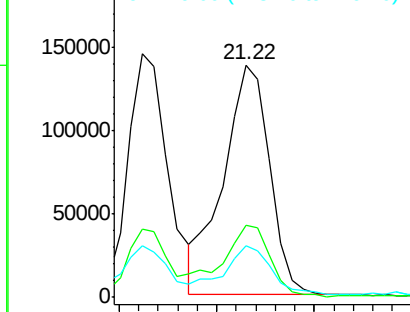
Tgt Ion:	228	Resp:	228651
Ion Ratio	Lower	Upper	
228	100		
226	31.3	22.8	34.2
229	22.3	15.4	23.2

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



#85

Benzo(b)fluoranthene

Concen: 4.39 ng/ul

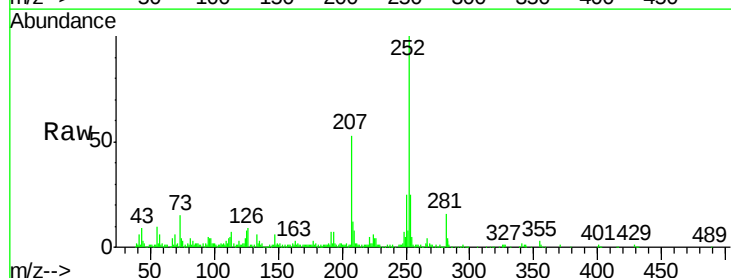
RT: 22.72 min Scan# 3423

Delta R.T. 0.01 min

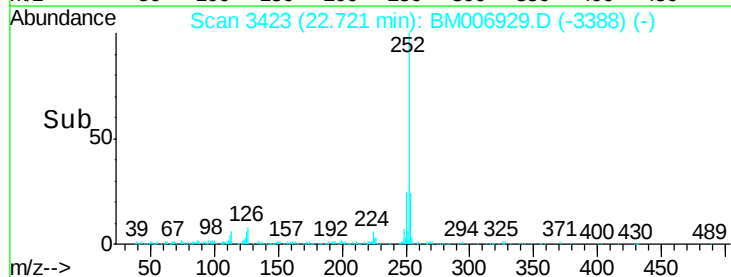
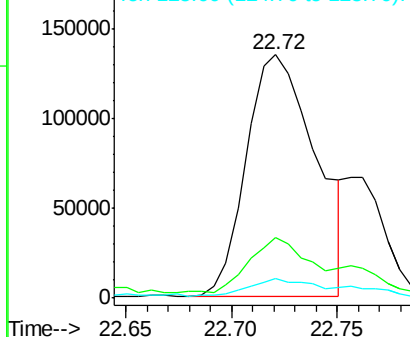
Lab File: BM006929.D

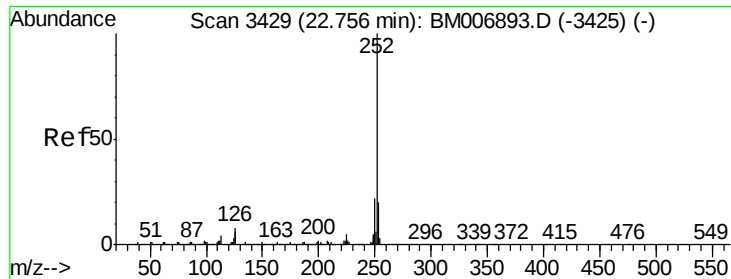
Acq: 06 Aug 2016 08:46

Tgt Ion:	252	Resp:	307191
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	7.8	2.9	4.3#



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





#86

Benzo(k)fluoranthene

Concen: 1.24 ng/ul m

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

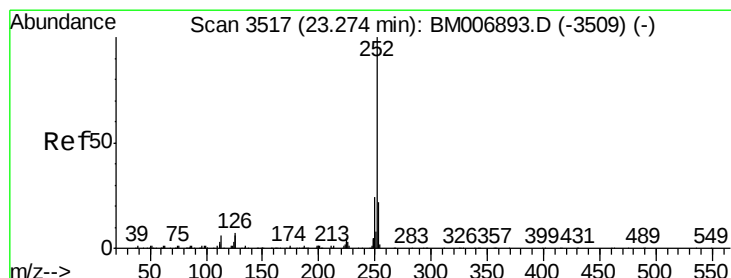
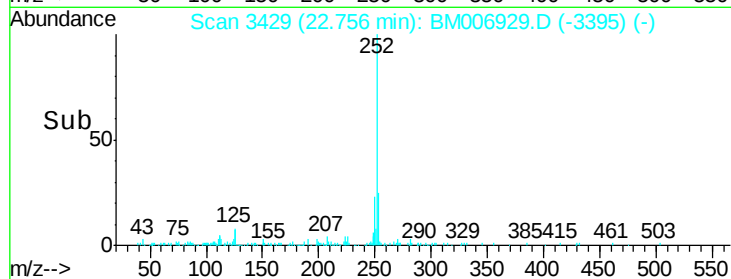
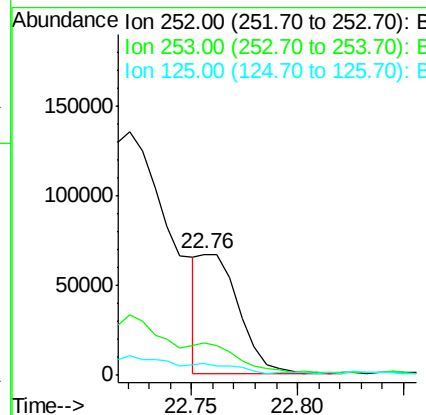
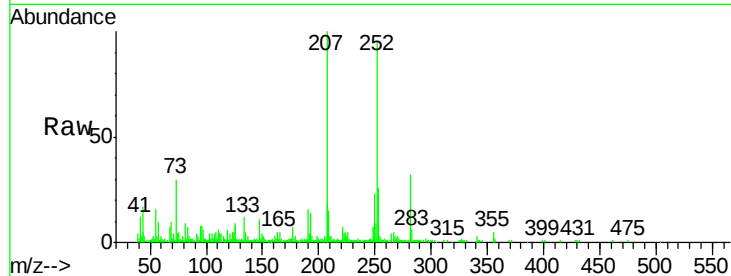
ClientSampled :

BDJS9

Tgt Ion:	252	Resp:	84841
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.7	26.5#
125	10.0	3.0	4.6#

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#88

Benzo(a)pyrene

Concen: 2.98 ng/ul

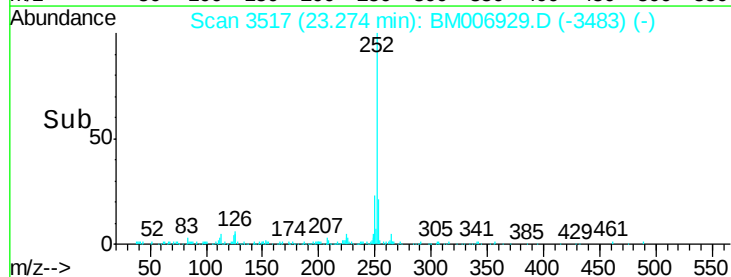
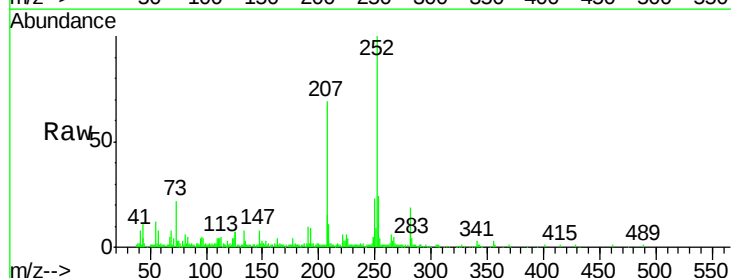
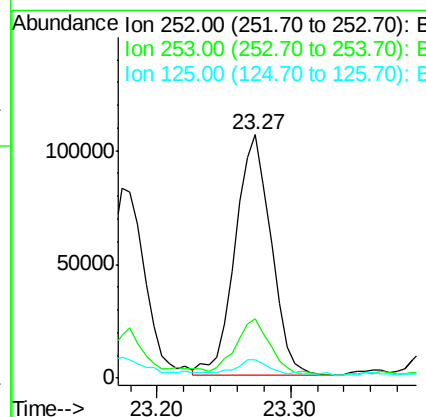
RT: 23.27 min Scan# 3517

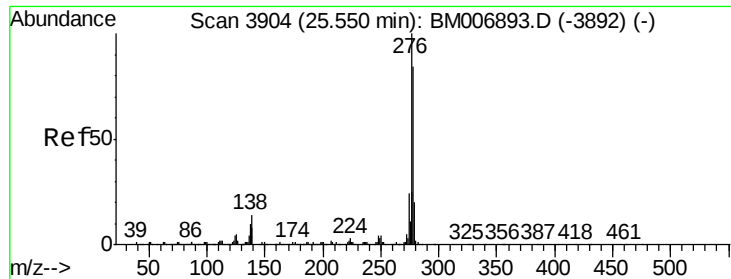
Delta R.T. 0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Tgt Ion:	252	Resp:	197670
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.4
125	7.5	2.9	4.3#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.73 ng/ul

RT: 25.55 min Scan# 3904

Delta R.T. 0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

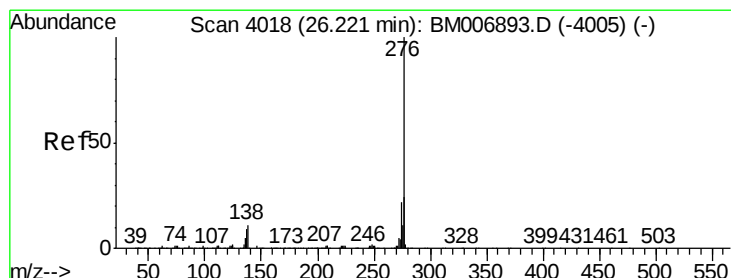
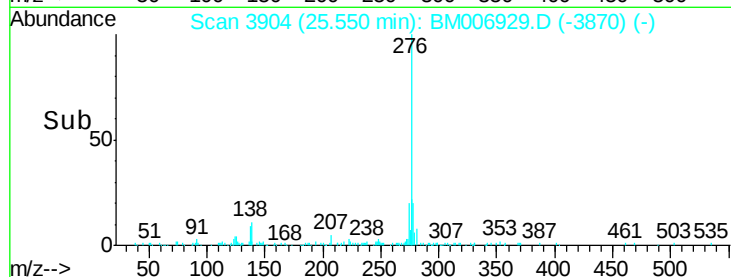
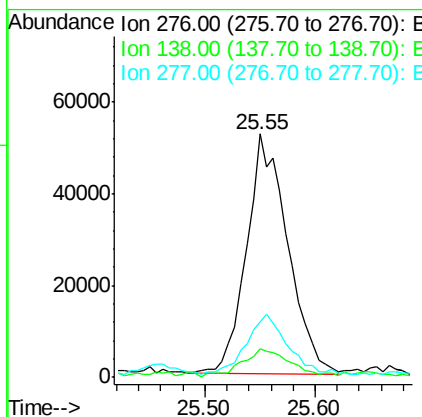
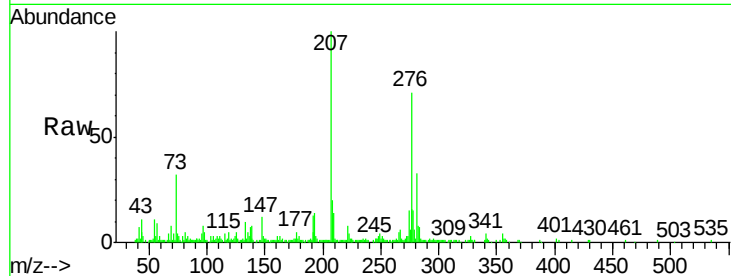
ClientSampleId :

BDJS9

Tgt Ion:	276	Resp:	136314
Ion Ratio	Lower	Upper	
276	100		
138	11.6	8.5	12.7
277	22.9	19.4	29.0

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#91

Benzo(g,h,i)perylene

Concen: 2.10 ng/ul

RT: 26.22 min Scan# 4018

Delta R.T. 0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Tgt Ion:	276	Resp:	134351
Ion Ratio	Lower	Upper	
276	100		
138	10.4	5.5	8.3#
277	21.7	18.4	27.6

