

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001988.D
 Acq On : 20 Jul 2015 23:48
 Operator : TP/UM
 Sample : G3000-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C3

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Quant Time: Jul 21 02:23:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	107816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	443548	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	268530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	572640	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	489218	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	446750	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.13	96	8903	4.04	ng/uL	0.00
5) Phenol-d5	6.83	99	227797	25.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	125499	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	190995	27.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	194993	26.97	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	86599	26.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	79572	21.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	201826	27.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	228649	29.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	535099	24.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	604138	23.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	81977	22.35	ng/ul	0.00
57) Fluorene-d10	15.31	176	410781	22.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	6784	1.83	ng/ul	0.00
70) Anthracene-d10	17.16	188	591373	22.00	ng/ul	0.00
78) Pyrene-d10	19.46	212	559022	25.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	442367	19.58	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.77	163	270212	12.26	ng/ul	99
69) Phenanthrene	17.10	178	75209	2.42	ng/ul	98
76) Fluoranthene	19.13	202	188273	5.19	ng/ul	98
79) Pyrene	19.49	202	166334	5.68	ng/ul	97
82) Benzo(a)anthracene	21.24	228	70018	2.40	ng/ul#	83
84) Chrysene	21.30	228	84152	3.09	ng/ul#	91
87) Benzo(b)fluoranthene	22.82	252	106311	3.88	ng/ul#	53
88) Benzo(k)fluoranthene	22.86	252	38031m	1.44	ng/ul	
90) Benzo(a)pyrene	23.40	252	67592	2.63	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	25.74	276	50637	1.88	ng/ul	98
93) Benzo(g,h,i)perylene	26.43	276	50917	2.29	ng/ul#	90

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

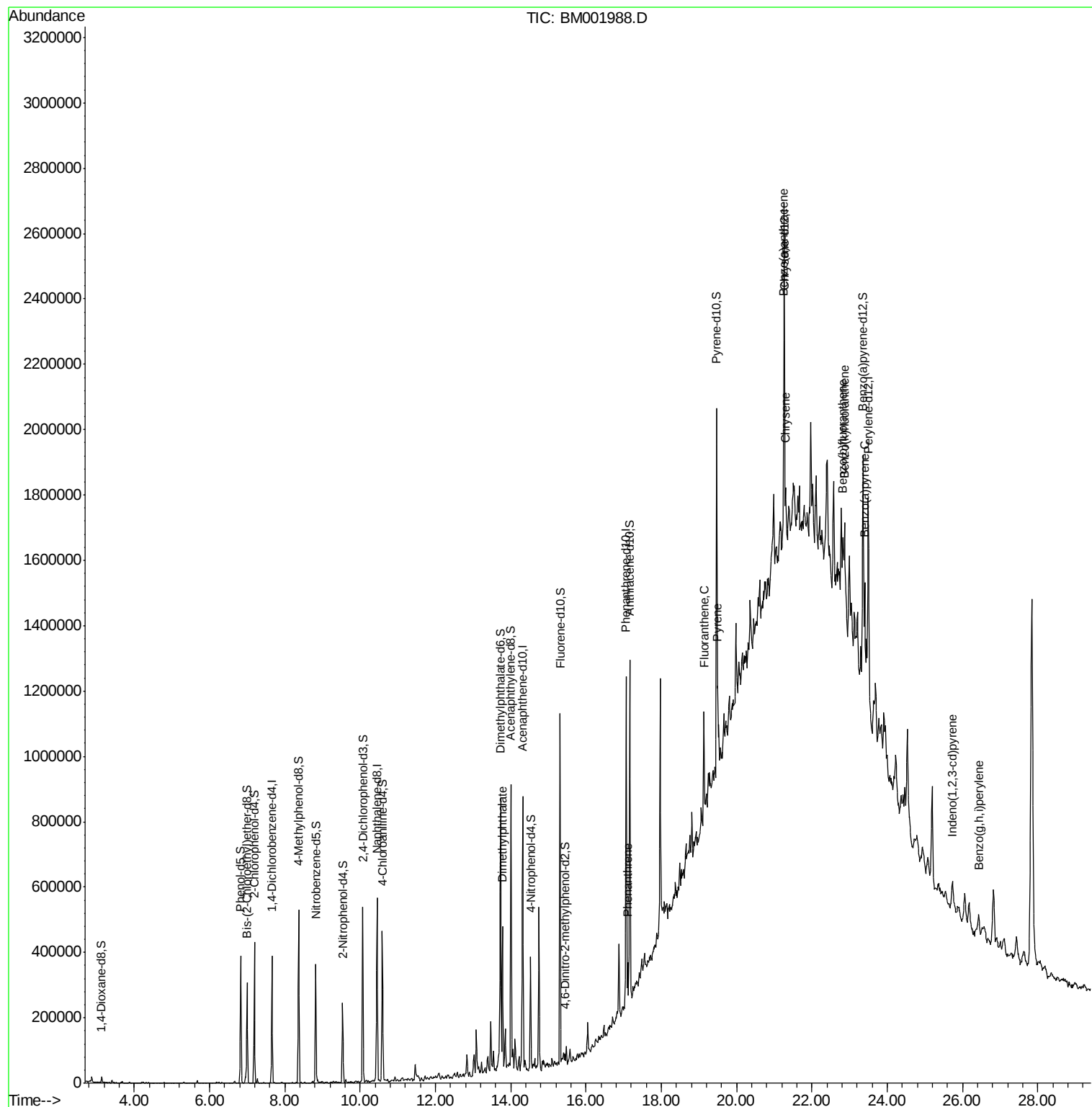
Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001988.D
Acq On : 20 Jul 2015 23:48
Operator : TP/UM
Sample : G3000-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

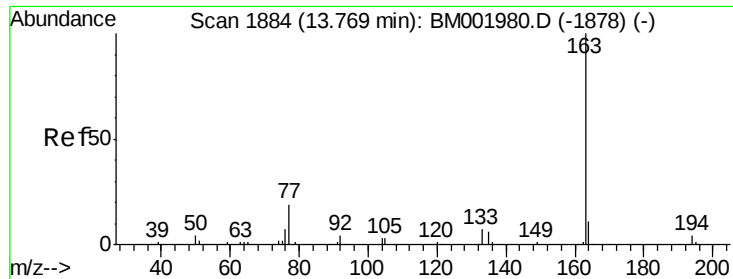
Instrument :
BNA_M
ClientSampleID :
C02C3

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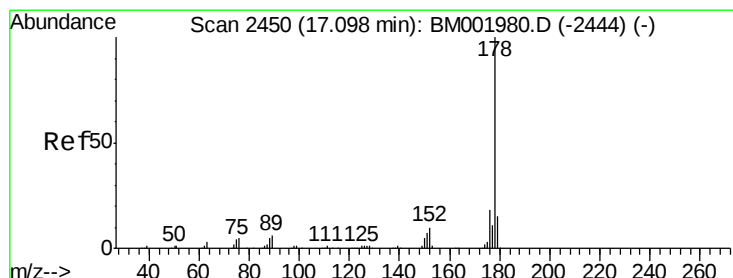
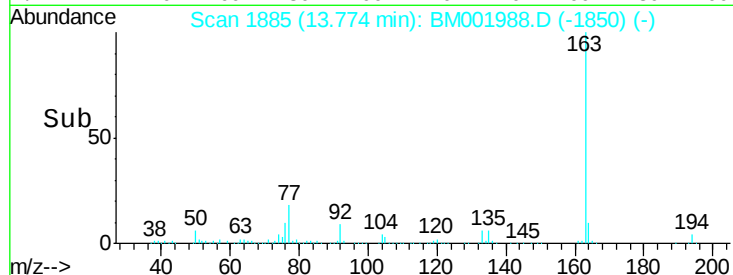
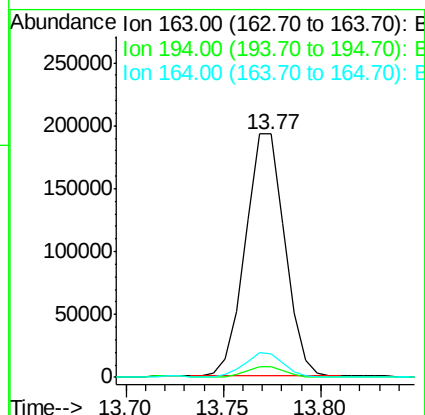
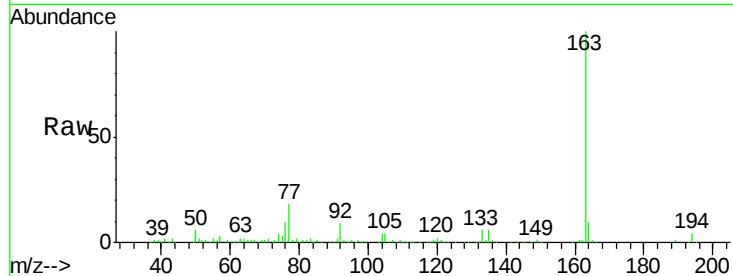
#44
Dimethylphthalate
Concen: 12.26 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BM001988.D
Acq: 20 Jul 2015 23:48

Instrument :
BNA_M
ClientSampled :
C02C3

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.3	4.9
164	9.7	7.6	11.4

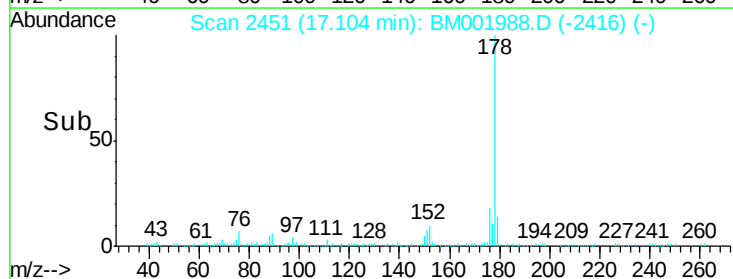
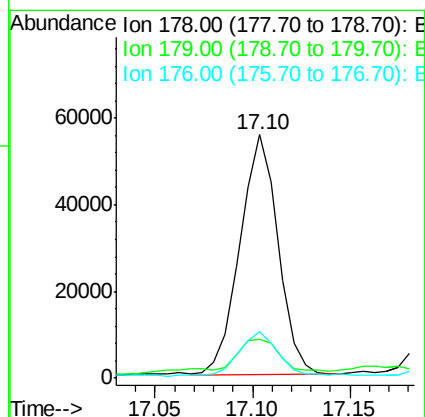
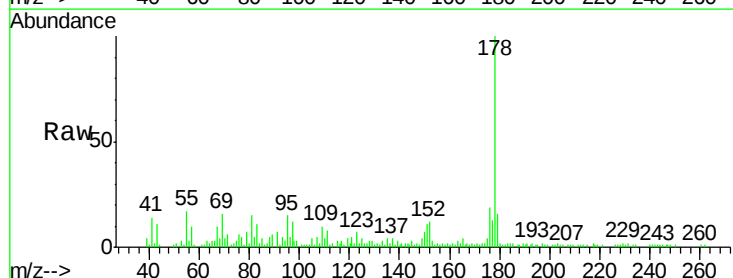
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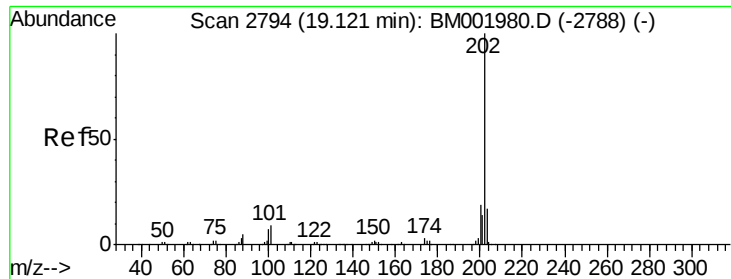
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#69
Phenanthrene
Concen: 2.42 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BM001988.D
Acq: 20 Jul 2015 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.1	12.2	18.2
176	19.3	14.5	21.7





#76

Fluoranthene

Concen: 5.19 ng/ul

RT: 19.13 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

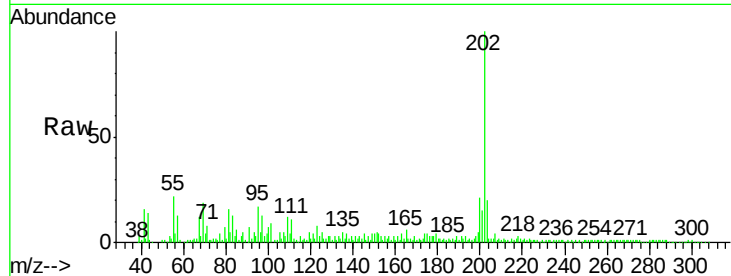
ClientSampleId :

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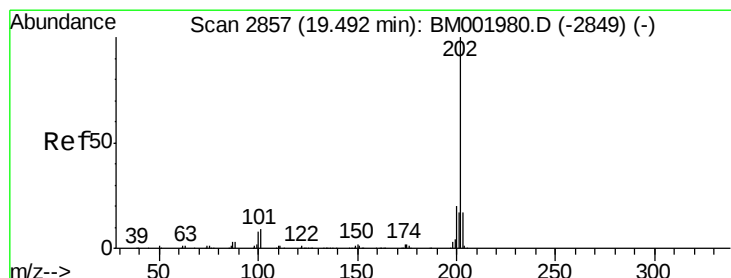
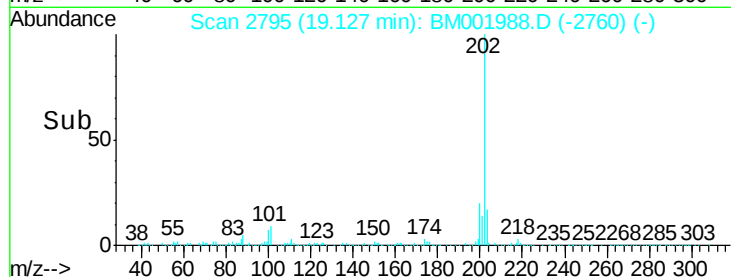
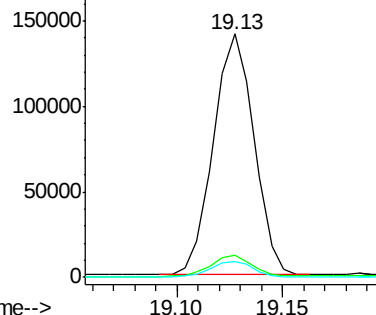
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	6.6	9.8
100	6.7	5.2	7.8

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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): B



#79

Pyrene

Concen: 5.68 ng/ul

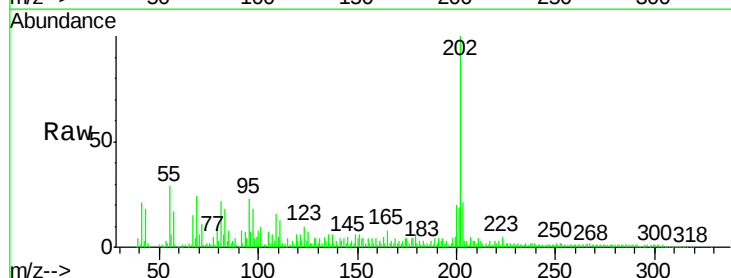
RT: 19.49 min Scan# 2857

Delta R.T. -0.00 min

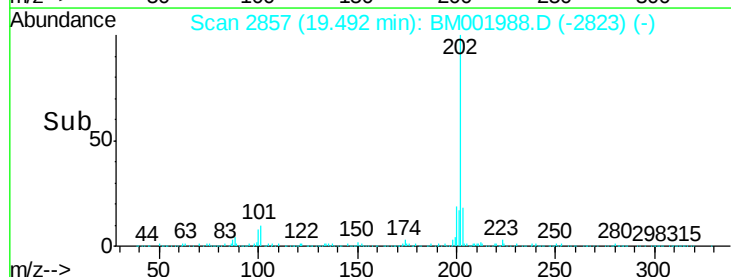
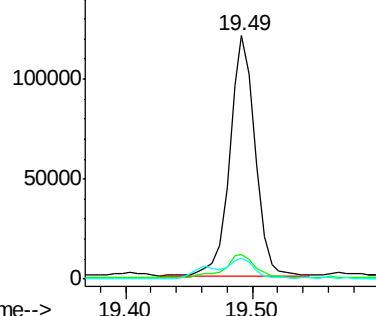
Lab File: BM001988.D

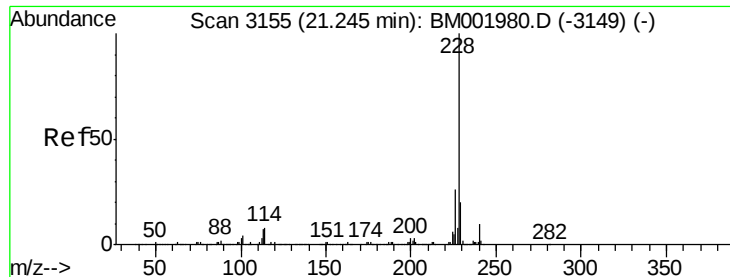
Acq: 20 Jul 2015 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	7.4	11.0
100	8.5	5.9	8.9



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): B





#82

Benzo(a)anthracene

Concen: 2.40 ng/ul

RT: 21.24 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

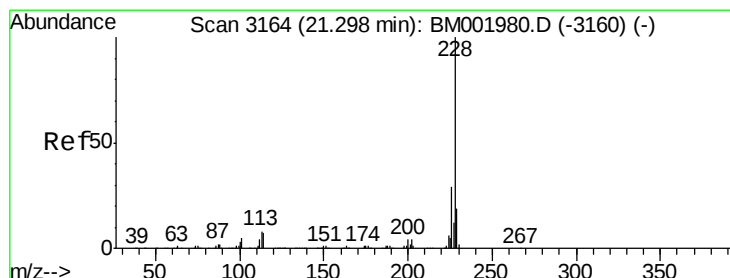
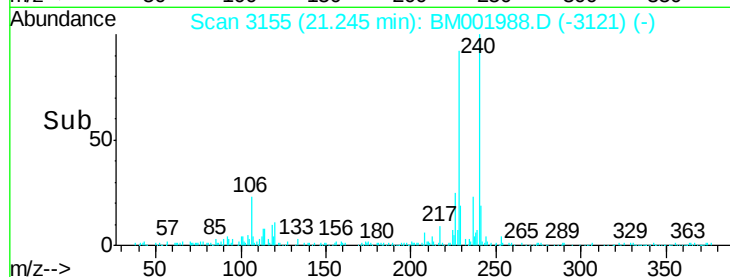
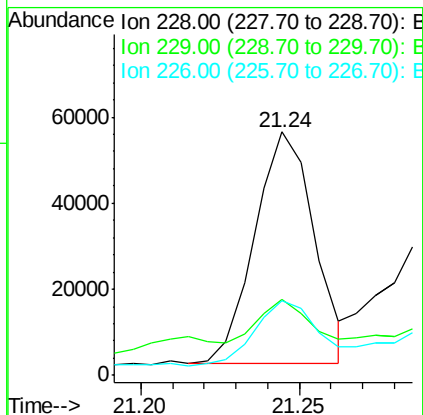
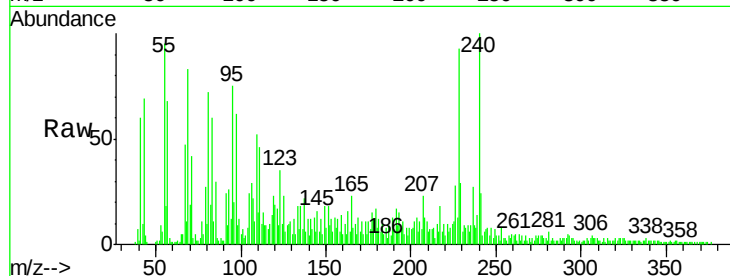
ClientSampleId :

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Tgt Ion:	228	Resp:	70018
Ion Ratio	Lower	Upper	
228	100		
229	31.4	15.2	22.8#
226	30.5	20.8	31.2

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#84

Chrysene

Concen: 3.09 ng/ul

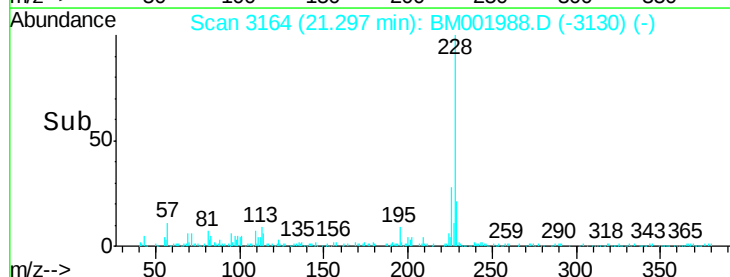
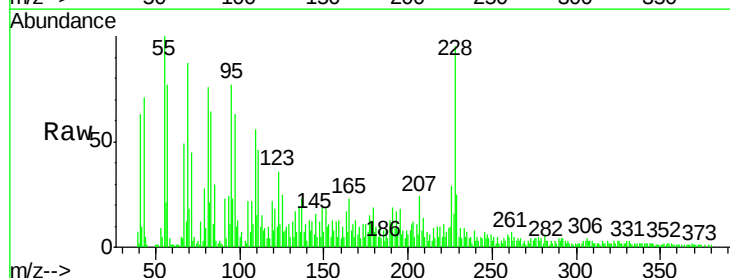
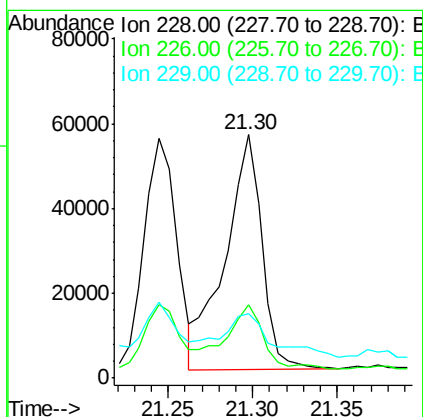
RT: 21.30 min Scan# 3164

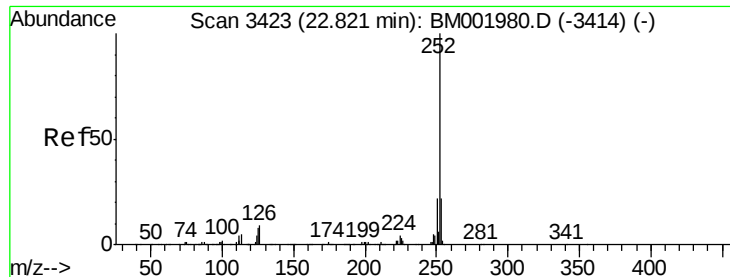
Delta R.T. -0.00 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Tgt Ion:	228	Resp:	84152
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	26.4	15.4	23.0#





#87

Benzo(b)fluoranthene

Concen: 3.88 ng/ul

RT: 22.82 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BM001988.D

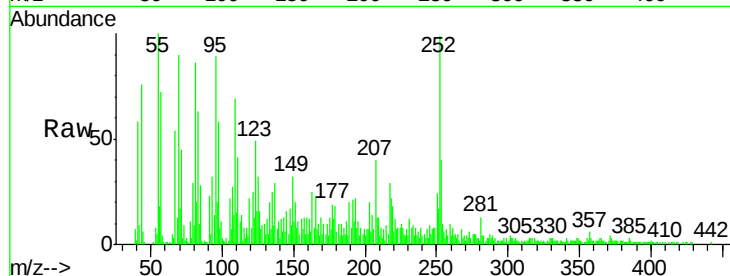
Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

ClientSampleId :

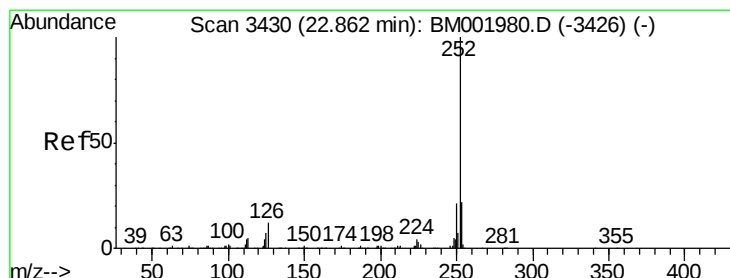
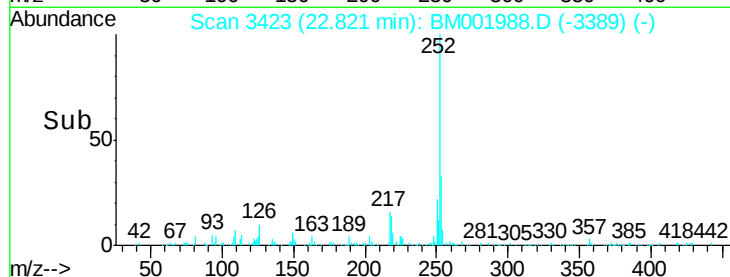
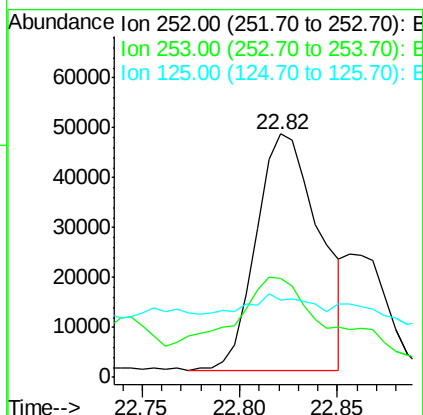
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.6	17.6	26.4#
125	31.8	6.1	9.1#

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#88

Benzo(k)fluoranthene

Concen: 1.44 ng/ul m

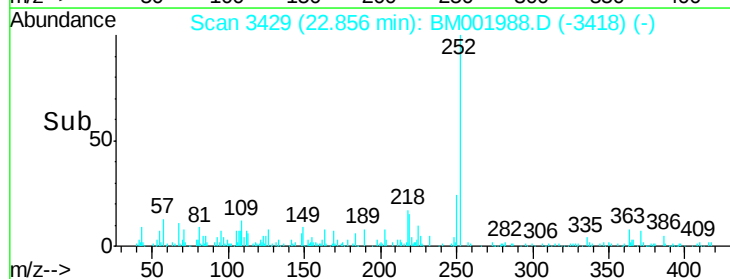
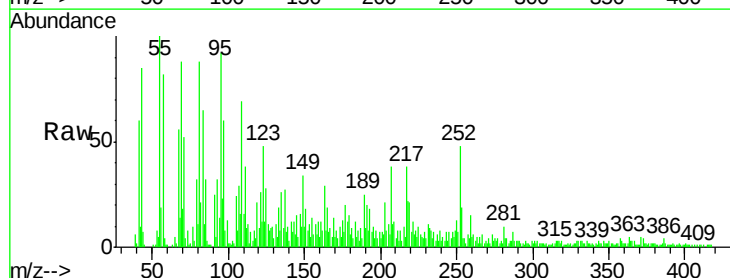
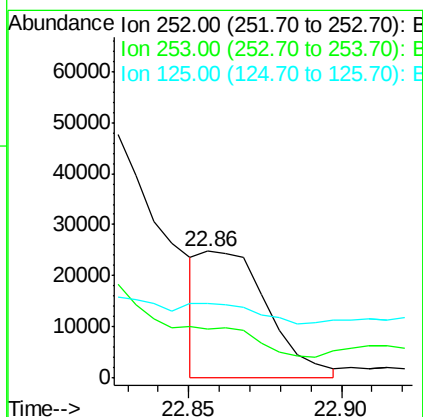
RT: 22.86 min Scan# 3429

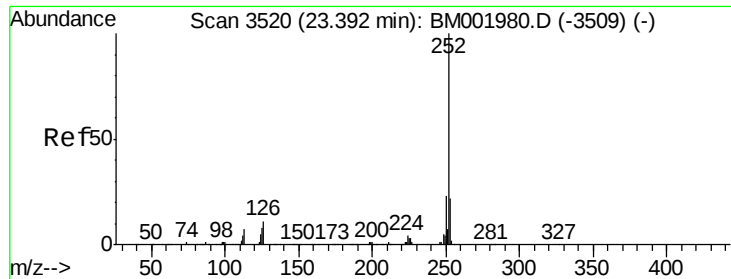
Delta R.T. -0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.0	17.1	25.7#
125	59.1	5.6	8.4#





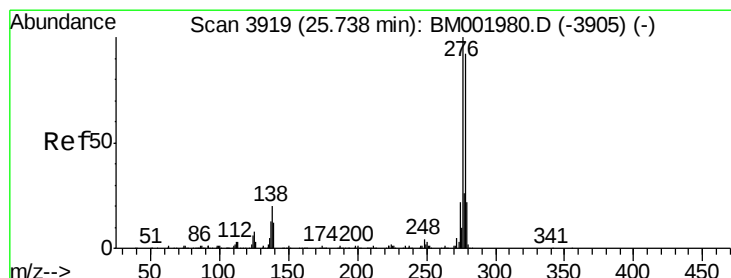
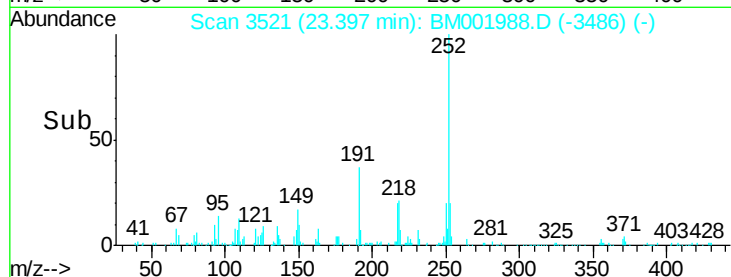
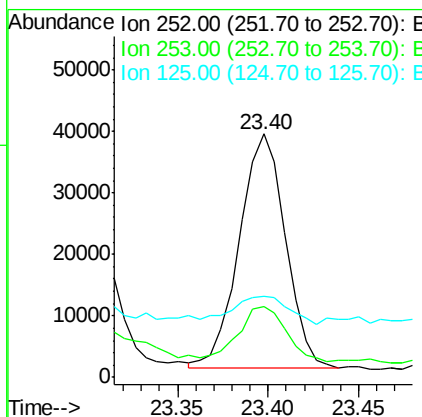
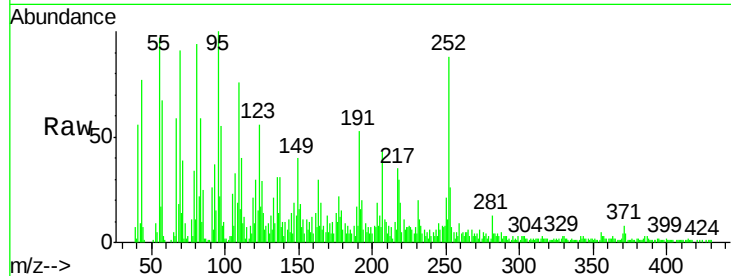
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Benzo(a)pyrene
Concen: 2.63 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BM001988.D
Acq: 20 Jul 2015 23:48

Instrument :
BNA_M
ClientSampleId :
C02C3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.9	17.4	26.2#
125	33.3	6.4	9.6#

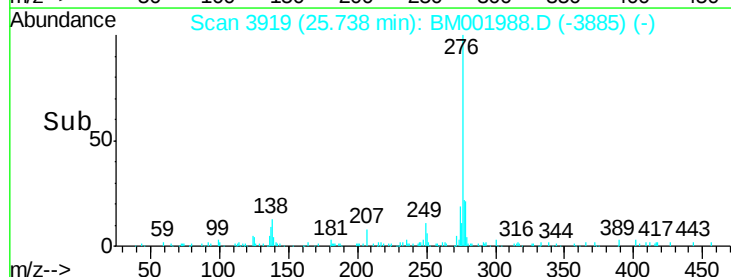
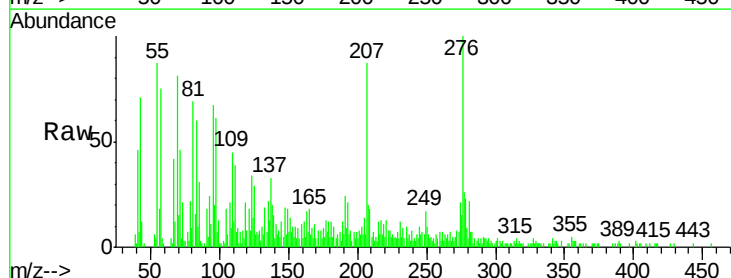
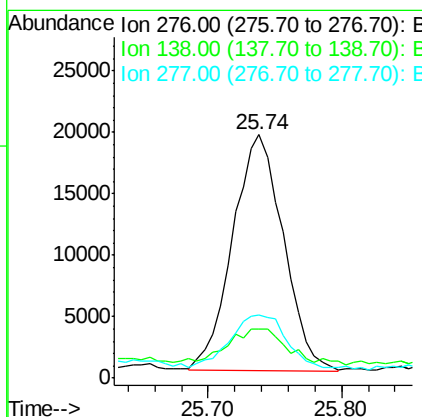
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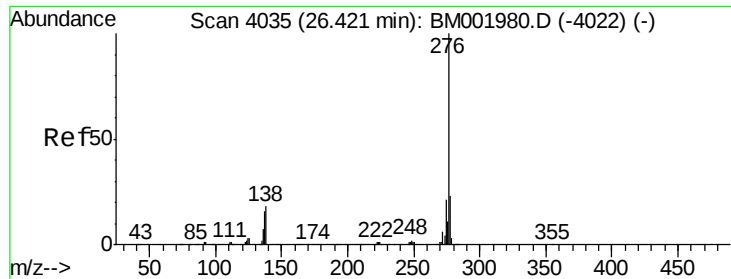
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.88 ng/ul
RT: 25.74 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BM001988.D
Acq: 20 Jul 2015 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.3	15.4	23.0
277	25.9	19.9	29.9





#93
 Benzo(g,h,i)perylene
 Concen: 2.29 ng/ul
 RT: 26.43 min Scan# 4036
 Delta R.T. 0.01 min
 Lab File: BM001988.D
 Acq: 20 Jul 2015 23:48

Instrument :
 BNA_M
 ClientSampleId :
 C02C3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	13.3	19.9#
277	25.8	18.6	27.8

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