

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHKG7

Manual Integrations
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Quant Time: May 23 07:04:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	227192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	146268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	368038	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	508750	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	575120	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5425	5.04	ng/uL	0.00
5) Phenol-d5	6.98	99	89079	23.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	51991	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	70117	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	68518	21.66	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	37038	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	43362	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	78962	21.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	98957	27.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	281254	23.56	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	340196	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	44865	19.87	ng/ul	-0.01
57) Fluorene-d10	15.43	176	252972	24.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	33789	15.96	ng/ul	0.00
70) Anthracene-d10	17.28	188	414319	23.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	515440	22.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	625020	23.27	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.63	105	7241	1.52	ng/ul	93
44) Dimethylphthalate	13.90	163	46963	3.98	ng/ul	98
69) Phenanthrene	17.23	178	163529	7.95	ng/ul	99
74) Fluoranthene	19.24	202	514160	22.21	ng/ul	99
77) Pyrene	19.60	202	326876	11.18	ng/ul	98
80) Benzo(a)anthracene	21.34	228	89433	2.99	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	56807	3.26	ng/ul	99
82) Chrysene	21.40	228	156425	5.50	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	154440	4.55	ng/ul#	95
86) Benzo(k)fluoranthene	22.99	252	48079m	1.50	ng/ul	
88) Benzo(a)pyrene	23.53	252	55828	1.70	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.93	276	41780	1.07	ng/ul#	95

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

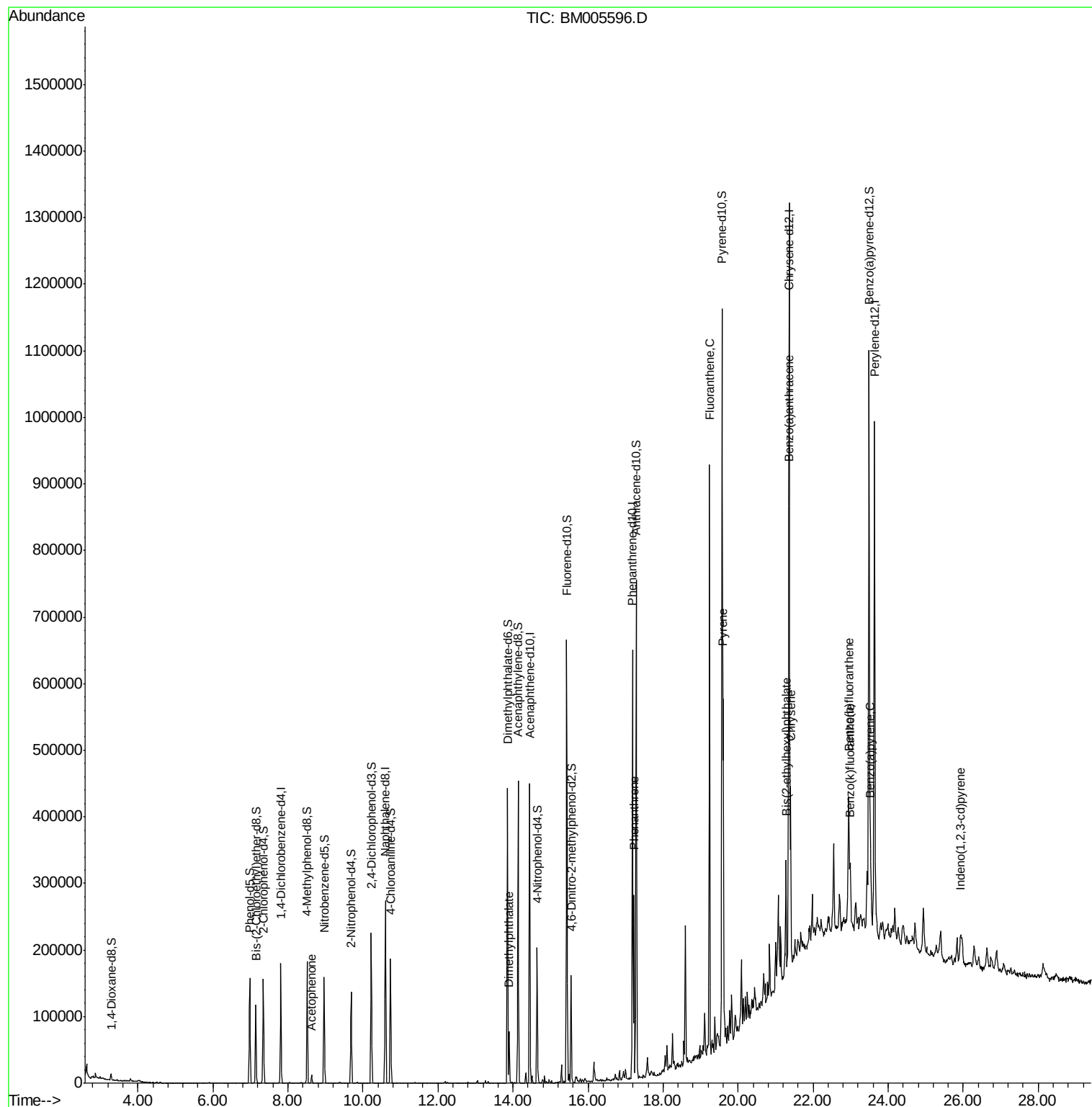
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005596.D
Acq On : 22 May 2016 20:51
Operator : UM/SJ
Sample : H3087-14
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ALS Vial : 15 Sample Multiplier: 1

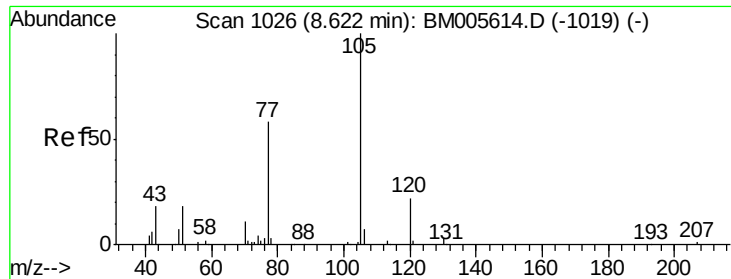
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.52 ng/ul

RT: 8.63 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BM005596.D

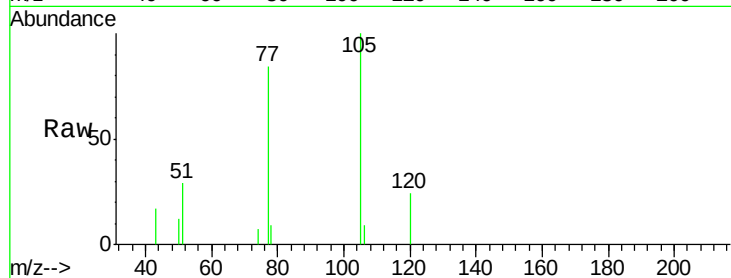
Acq: 22 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

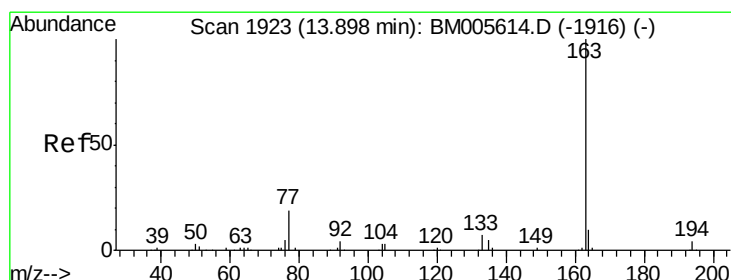
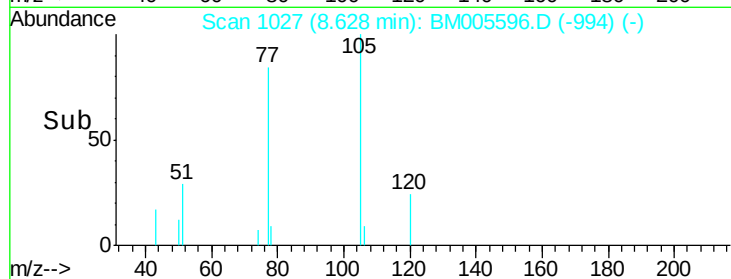
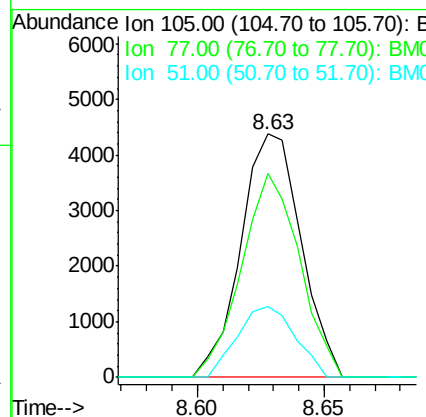
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Tgt Ion:	105	Resp:	7241
Ion Ratio	Lower	Upper	
105	100		
77	83.7	60.8	91.2
51	29.0	22.2	33.2

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#44

Dimethylphthalate

Concen: 3.98 ng/ul

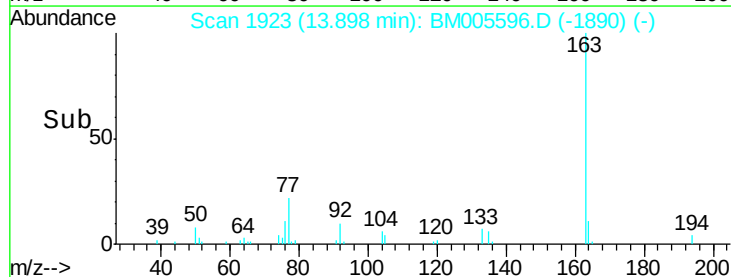
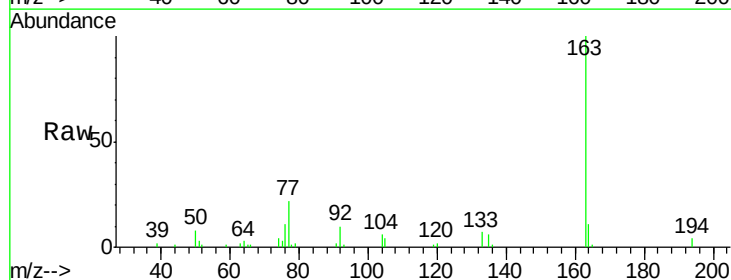
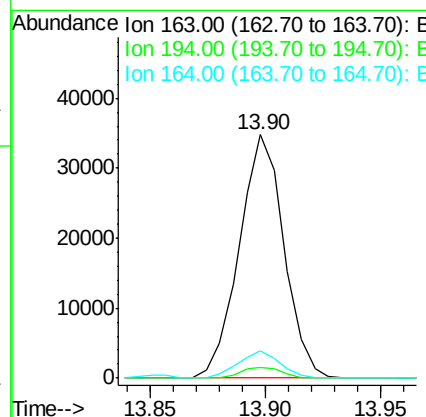
RT: 13.90 min Scan# 1923

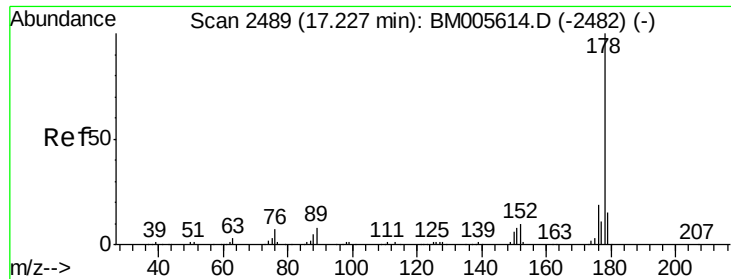
Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Tgt Ion:	163	Resp:	46963
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	11.1	8.0	12.0





#69

Phenanthrene

Concen: 7.95 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

BNA_M

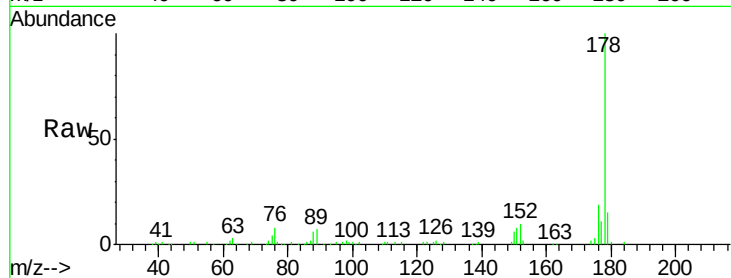
ClientSampleId :

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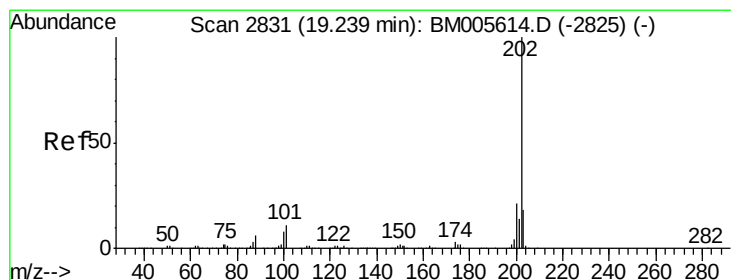
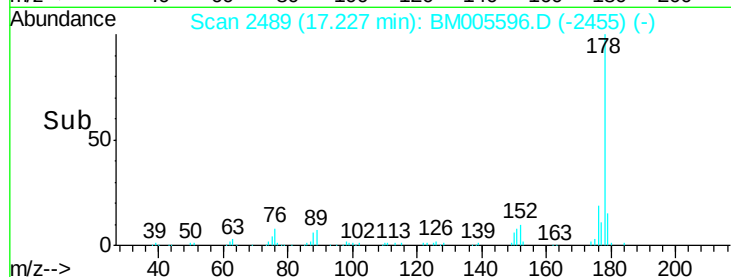
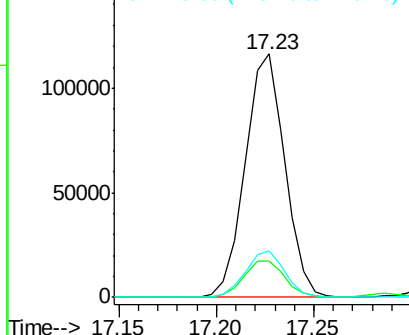
Tgt Ion:	178	Resp:	163529
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.2
176	19.3	15.8	23.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 22.21 ng/ul

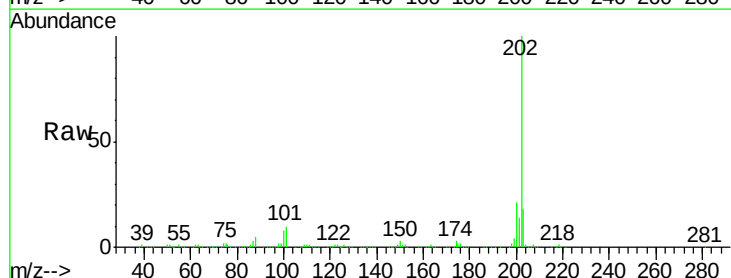
RT: 19.24 min Scan# 2831

Delta R.T. -0.00 min

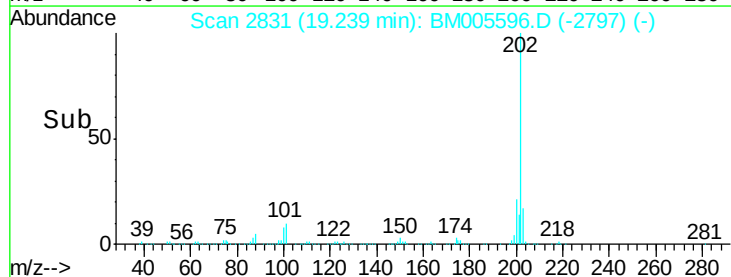
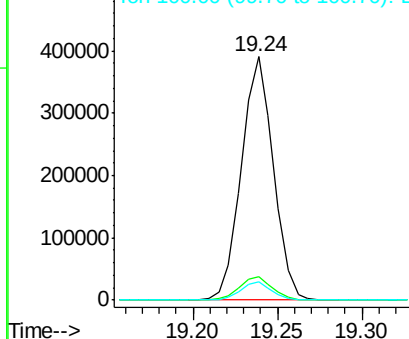
Lab File: BM005596.D

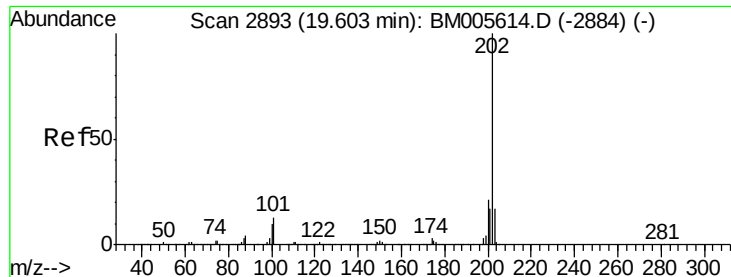
Acq: 22 May 2016 20:51

Tgt Ion:	202	Resp:	514160
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.9	11.9
100	7.5	5.6	8.4



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





#77

Pyrene

Concen: 11.18 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

BNA_M

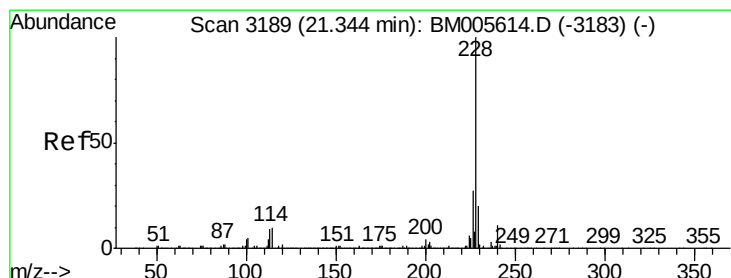
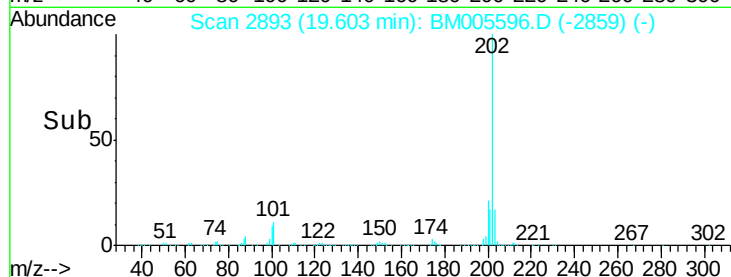
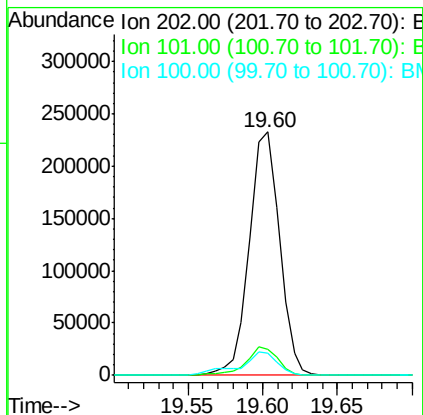
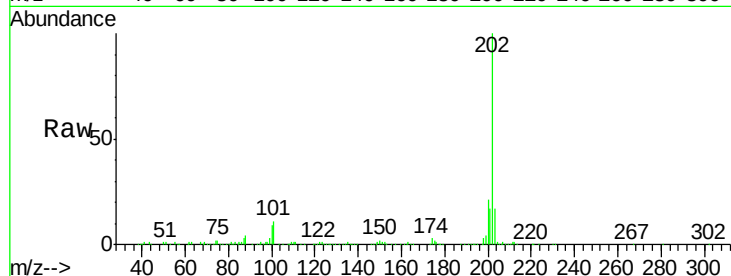
ClientSampleId :

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Tgt Ion:	202	Resp:	326876
Ion Ratio		Lower	Upper
202	100		
101	10.9	9.6	14.4
100	9.0	7.8	11.6

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#80

Benzo(a)anthracene

Concen: 2.99 ng/ul

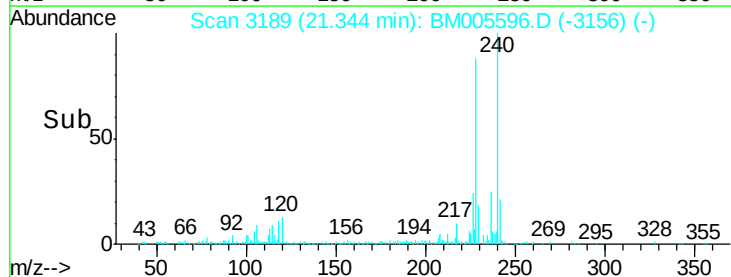
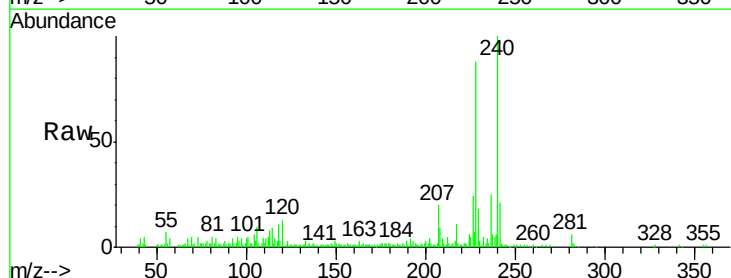
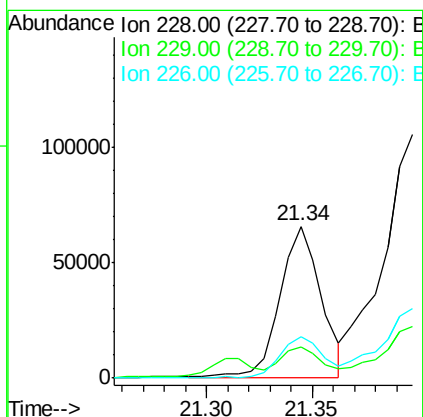
RT: 21.34 min Scan# 3189

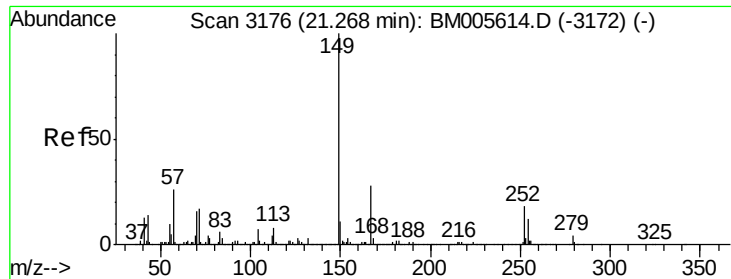
Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Tgt Ion:	228	Resp:	89433
Ion Ratio		Lower	Upper
228	100		
229	20.9	15.4	23.2
226	27.6	21.0	31.4





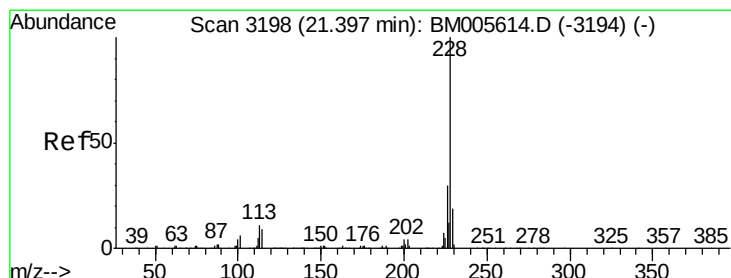
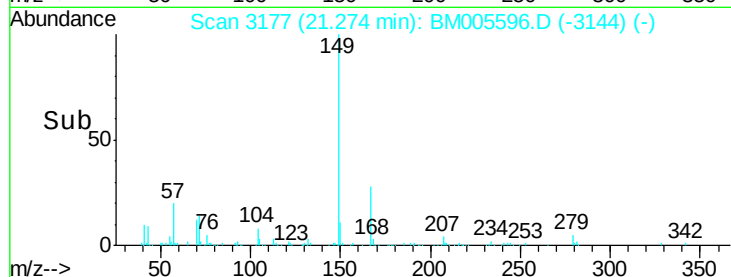
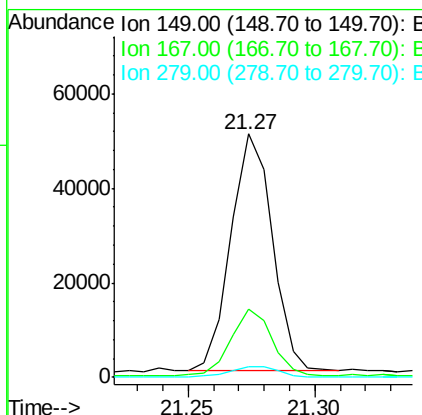
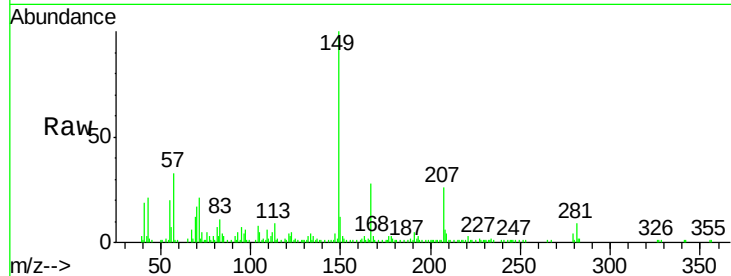
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.26 ng/ul
 RT: 21.27 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BM005596.D
 Acq: 22 May 2016 20:51

Instrument :
 BNA_M
 ClientSampleId :
 JHKG7

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	27.9	22.0	33.0
279	4.4	3.8	5.8

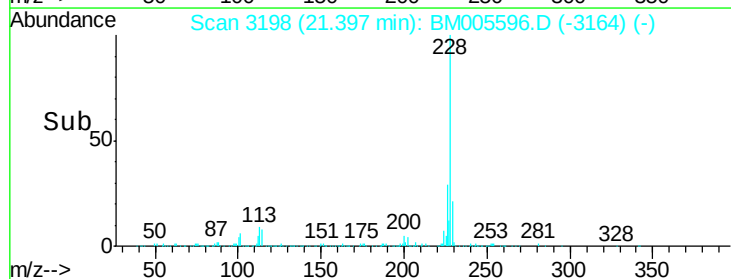
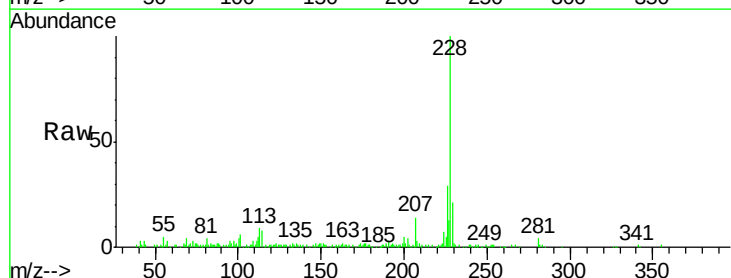
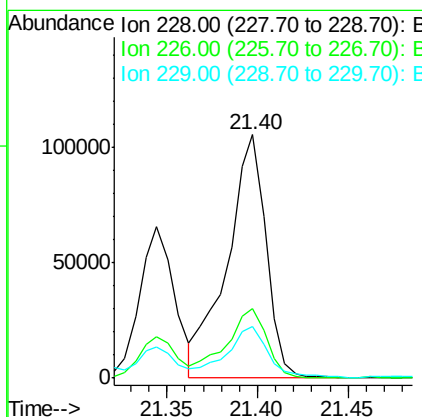
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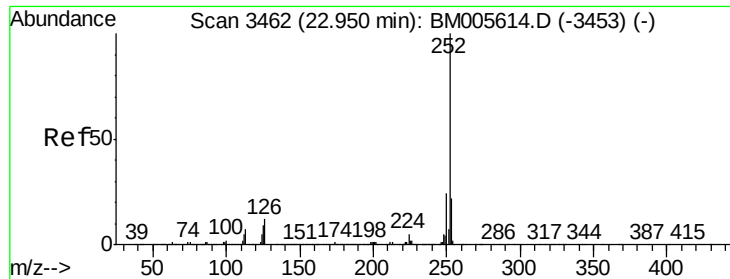
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#82
 Chrysene
 Concen: 5.50 ng/ul
 RT: 21.40 min Scan# 3198
 Delta R.T. -0.00 min
 Lab File: BM005596.D
 Acq: 22 May 2016 20:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.8	23.7	35.5
229	21.0	15.5	23.3





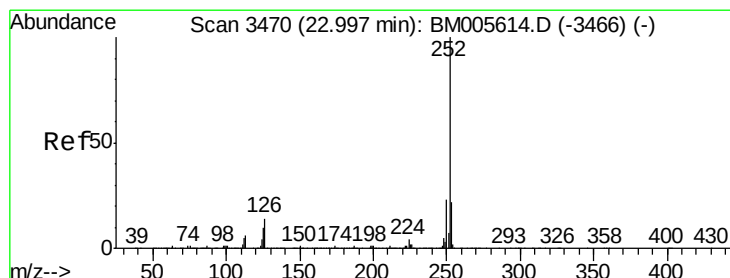
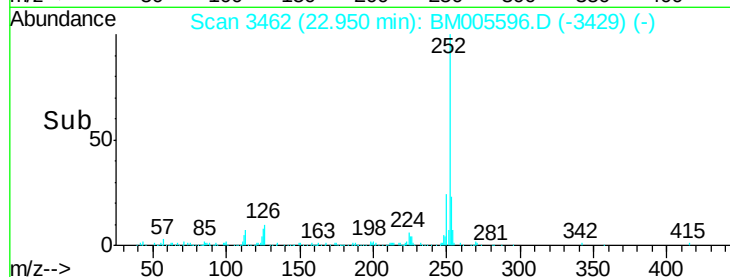
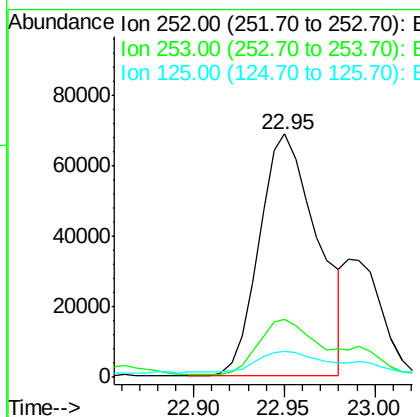
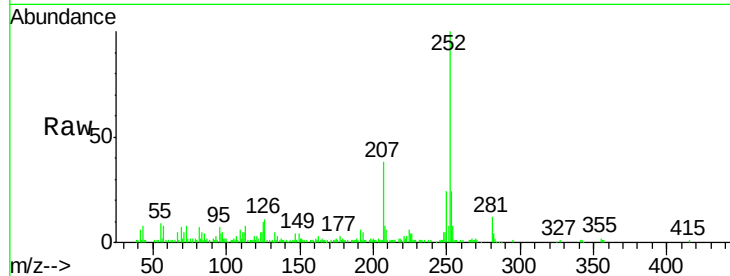
#85
Benzo(b)fluoranthene
Concen: 4.55 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM005596.D
Acq: 22 May 2016 20:51

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.3	25.9
125	10.5	7.0	10.4

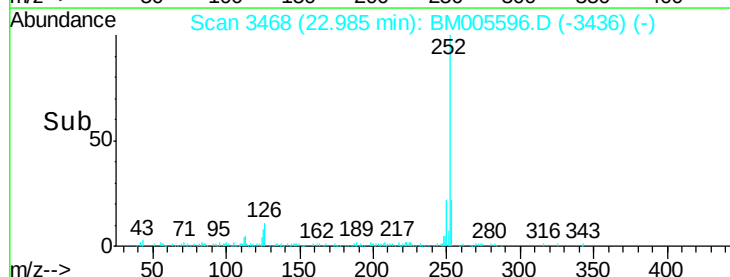
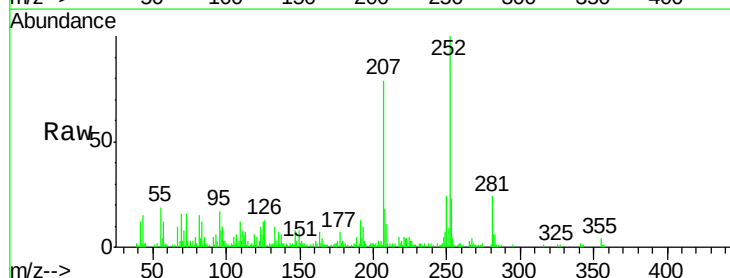
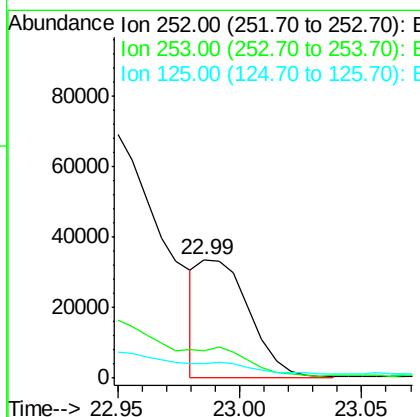
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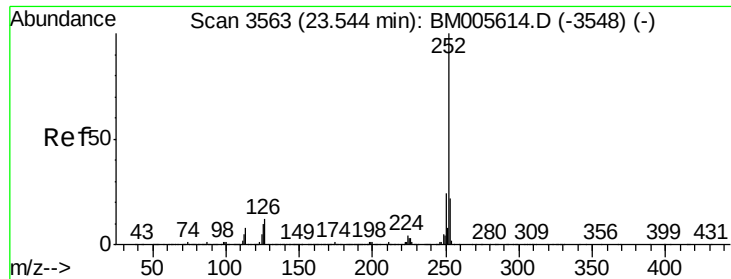
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#86
Benzo(k)fluoranthene
Concen: 1.50 ng/ul m
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM005596.D
Acq: 22 May 2016 20:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.5	26.3
125	12.1	7.0	10.6





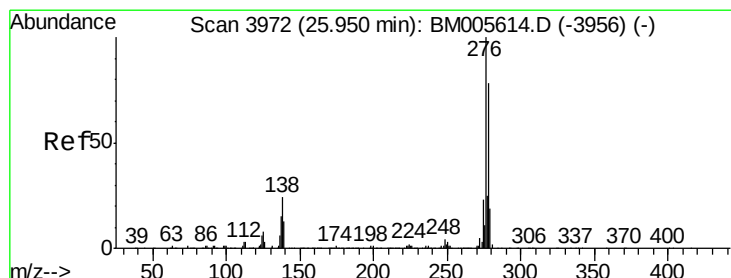
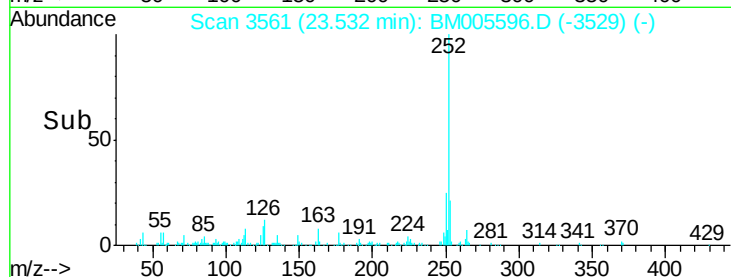
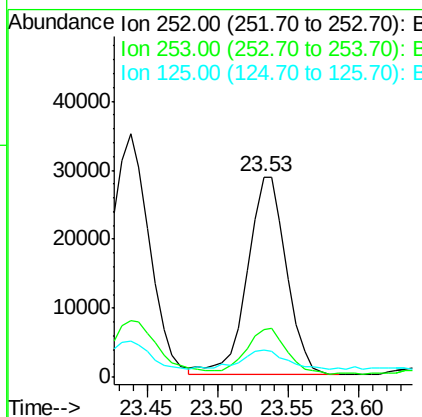
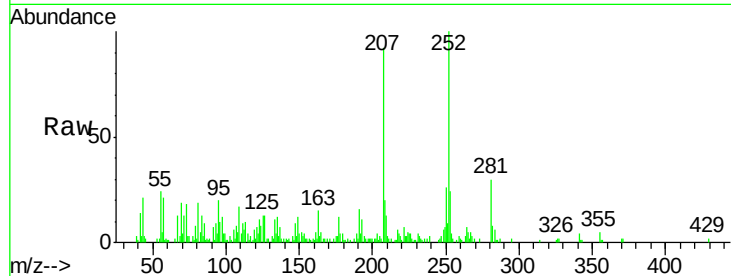
#88
Benzo(a)pyrene
Concen: 1.70 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM005596.D
Acq: 22 May 2016 20:51

Instrument :
BNA_M
ClientSampleId :
JHGK7

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.6	26.4
125	13.4	7.6	11.4

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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.07 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BM005596.D
Acq: 22 May 2016 20:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.7	16.9	25.3
277	24.2	20.2	30.4

