

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005514.D
 Acq On : 20 May 2016 00:56
 Operator : UM/SJ
 Sample : H2890-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT8

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Quant Time: May 20 02:19:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	12193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	44075	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	24095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	74374	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	200220	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	221863	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	10563	9.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	7798	12.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	9393	10.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	7283	7.30	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	4211	13.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	3926	11.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	7433	10.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	3238	4.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	23385	11.81	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	31409	13.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	1845	4.54	ng/ul	0.01
57) Fluorene-d10	15.46	176	24055	13.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	2247	5.73	ng/ul	0.00
70) Anthracene-d10	17.30	188	45244	13.23	ng/ul	0.00
76) Pyrene-d10	19.59	212	84596	10.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	128627	12.97	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Benzaldehyde	6.99	77	8664m	15.20	ng/ul	
44) Dimethylphthalate	13.92	163	8304	4.11	ng/ul#	96
69) Phenanthrene	17.24	178	14173	3.35	ng/ul	96
74) Fluoranthene	19.26	202	35782	7.23	ng/ul	97
77) Pyrene	19.62	202	31642	2.95	ng/ul	98
80) Benzo(a)anthracene	21.36	228	26798	2.28	ng/ul#	87
82) Chrysene	21.41	228	29576	2.66	ng/ul#	80
85) Benzo(b)fluoranthene	22.97	252	50017	3.94	ng/ul#	76
86) Benzo(k)fluoranthene	23.01	252	16796m	1.36	ng/ul	
88) Benzo(a)pyrene	23.56	252	27540	2.18	ng/ul#	72
89) Indeno(1,2,3-cd)pyrene	25.96	276	22640	1.36	ng/ul	94
91) Benzo(g,h,i)perylene	26.68	276	18266	1.27	ng/ul#	80

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

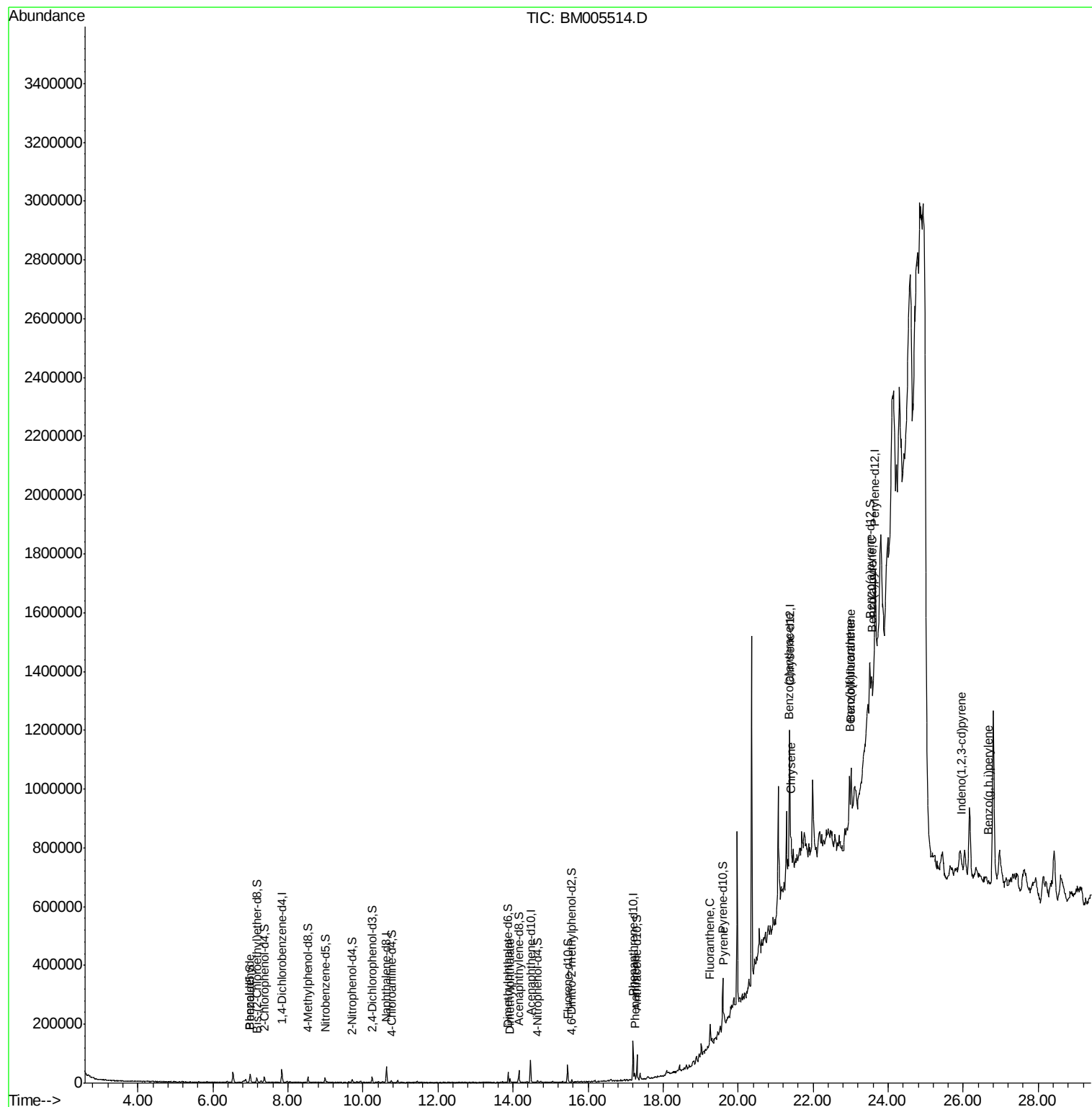
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005514.D
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ALS Vial : 15 Sample Multiplier: 1

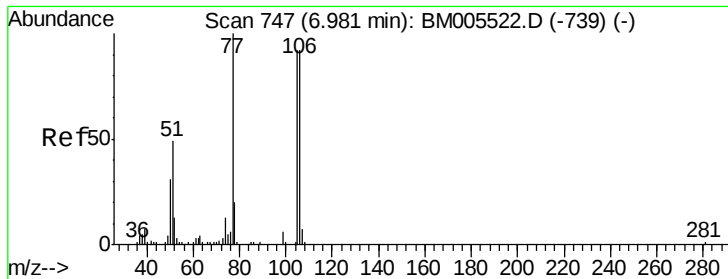
Instrument :
BNA_M
ClientSampled :
D9WT8

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Quant Time: May 20 02:19:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 15.20 ng/ul m

RT: 6.99 min Scan# 748

Delta R.T. 0.01 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Instrument :

BNA_M

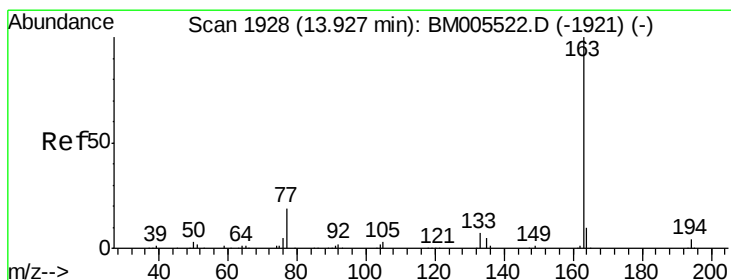
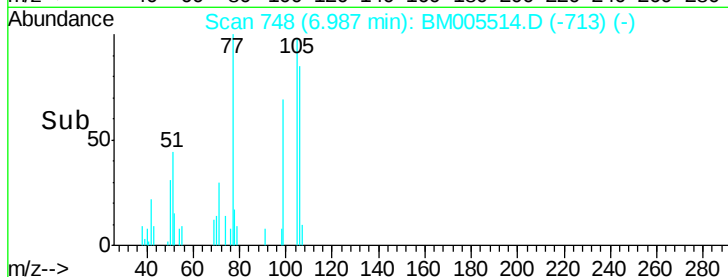
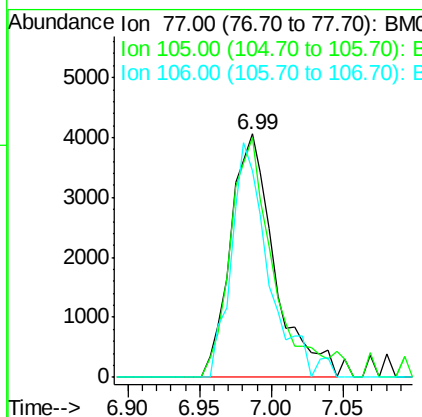
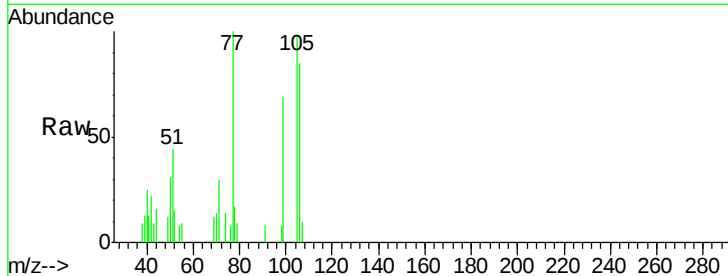
ClientSampled :

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Tgt Ion:	77	Resp:	8664
Ion	Ratio	Lower	Upper
77	100		
105	98.4	77.6	116.4
106	84.8	77.9	116.9



#44

Dimethylphthalate

Concen: 4.11 ng/ul

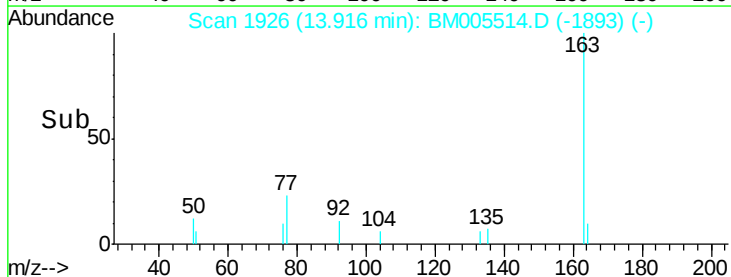
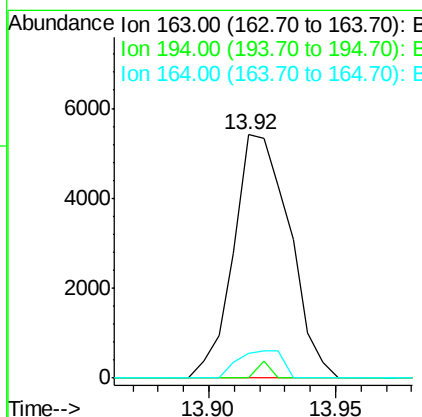
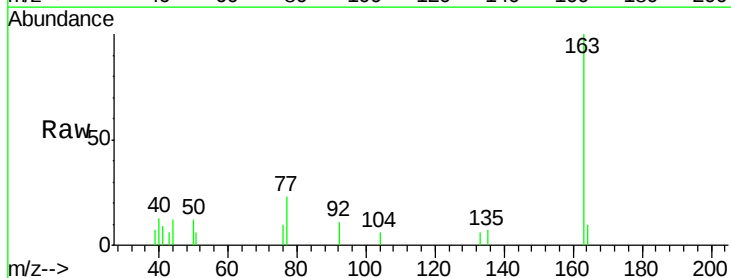
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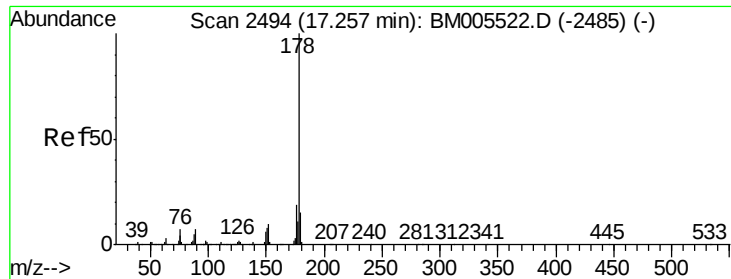
Delta R.T. -0.01 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Tgt Ion:	163	Resp:	8304
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	10.0	7.9	11.9





#69

Phenanthrene

Concen: 3.35 ng/ul

RT: 17.24 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BM005514.D

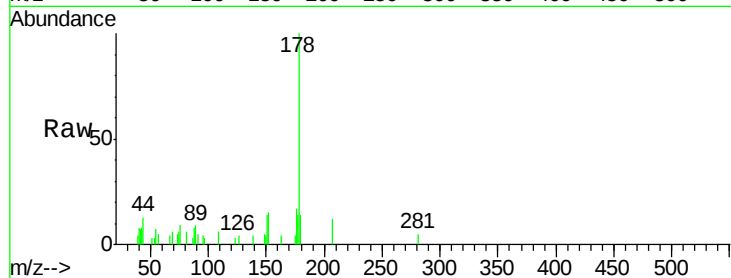
Acq: 20 May 2016 00:56

Instrument :

BNA_M

ClientSampleId :

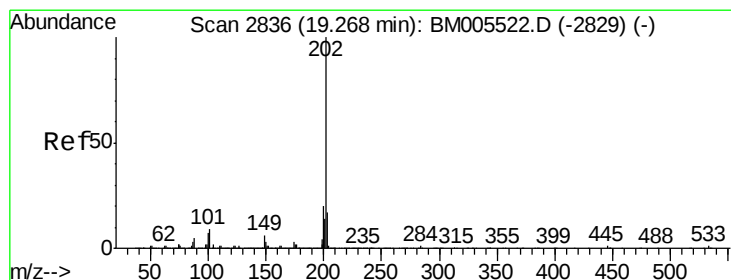
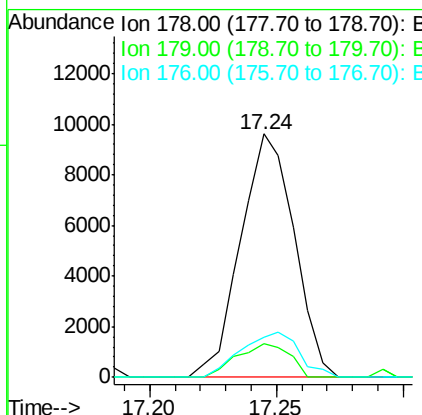
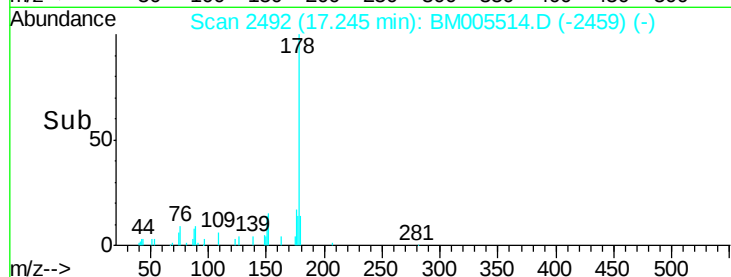
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Tgt Ion:	178	Resp:	14173
Ion Ratio	Lower	Upper	
178	100		
179	14.0	12.3	18.5
176	16.7	15.2	22.8

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#74

Fluoranthene

Concen: 7.23 ng/ul

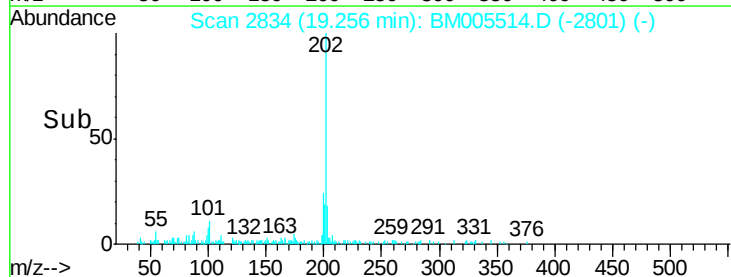
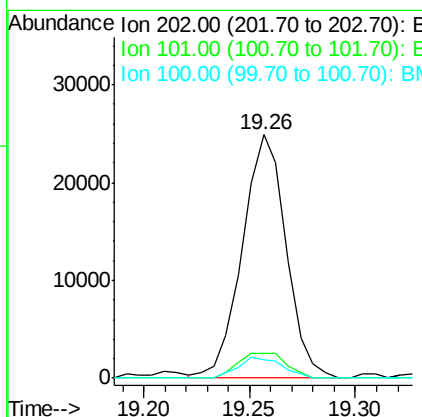
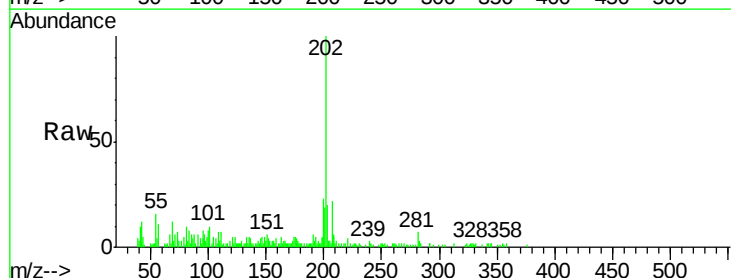
RT: 19.26 min Scan# 2834

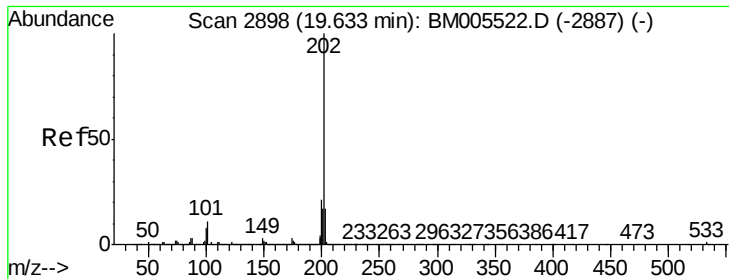
Delta R.T. -0.01 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Tgt Ion:	202	Resp:	35782
Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.2	13.8
100	7.8	7.1	10.7





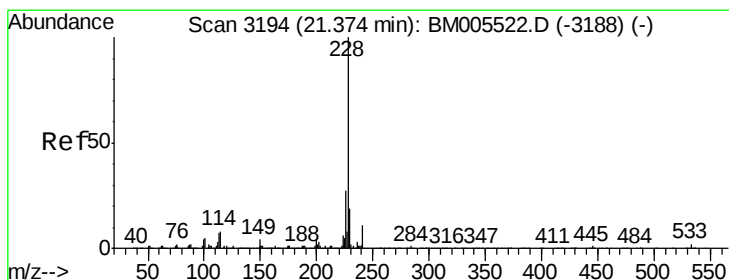
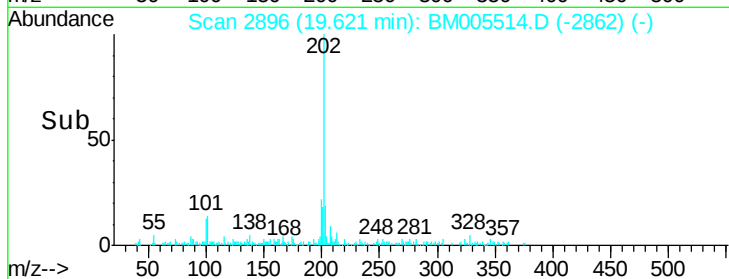
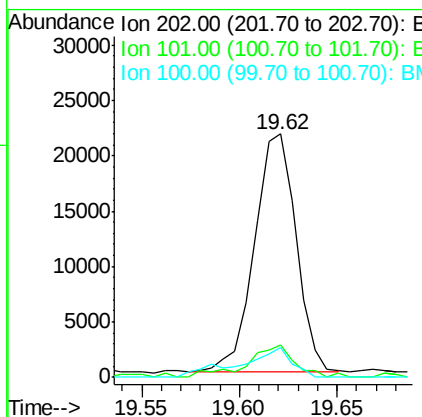
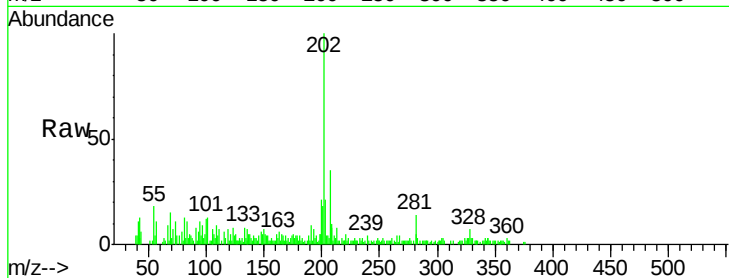
#77
 Pyrene
 Concen: 2.95 ng/ul
 RT: 19.62 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BM005514.D
 Acq: 20 May 2016 00:56

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31642		
101	13.3	10.8	16.2	
100	12.2	8.4	12.6	

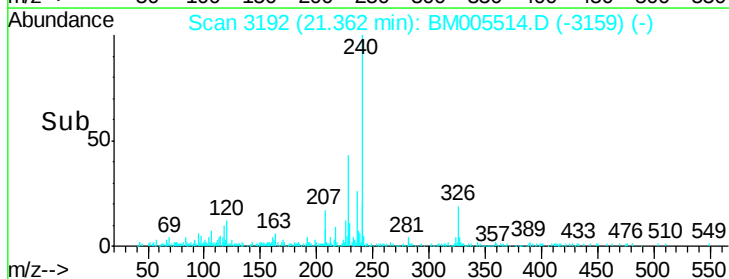
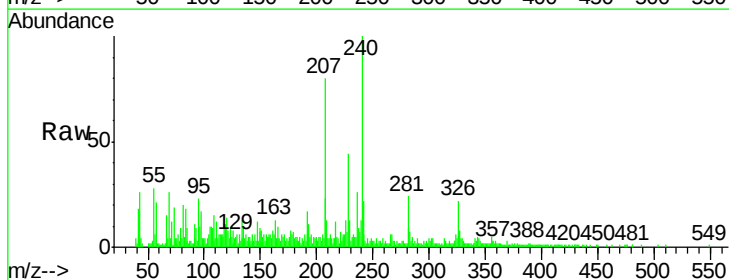
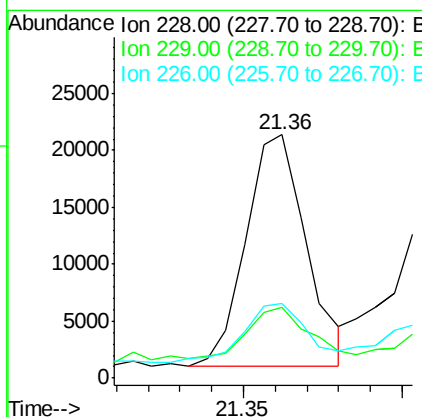
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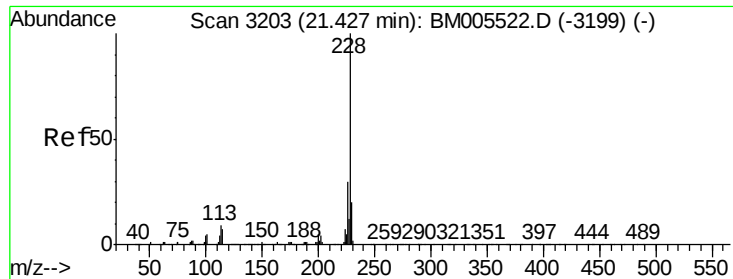
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#80
 Benzo(a)anthracene
 Concen: 2.28 ng/ul
 RT: 21.36 min Scan# 3192
 Delta R.T. -0.01 min
 Lab File: BM005514.D
 Acq: 20 May 2016 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	26798		
229	29.3	15.5	23.3#	
226	30.5	21.8	32.8	





#82

Chrysene

Concen: 2.66 ng/ul

RT: 21.41 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Instrument :

BNA_M

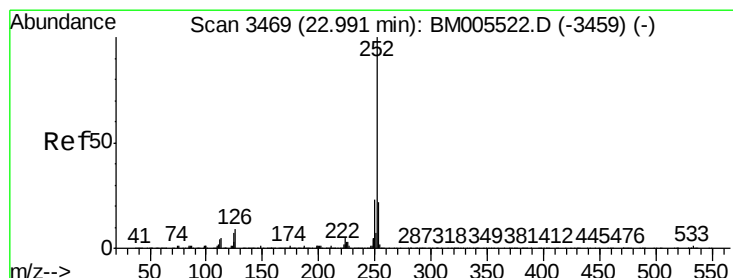
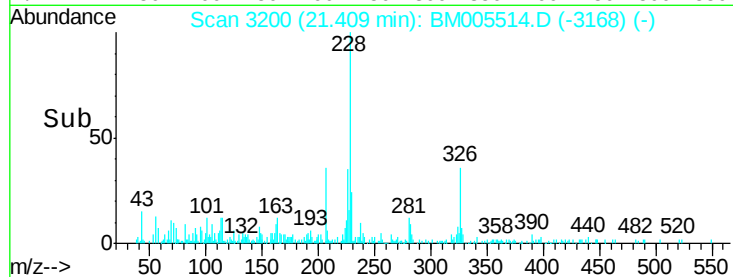
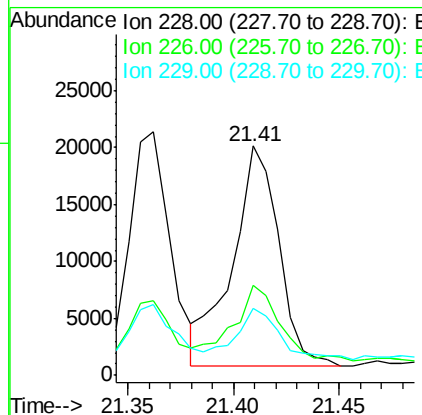
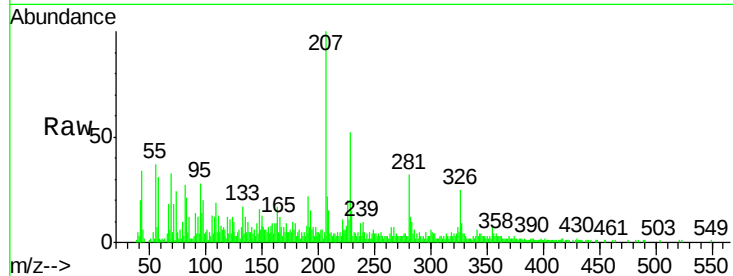
ClientSampled :

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Tgt Ion:	228	Resp:	29576
Ion Ratio	Lower	Upper	
228	100		
226	39.4	23.6	35.4#
229	29.4	15.4	23.0#

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#85

Benzo(b)fluoranthene

Concen: 3.94 ng/ul

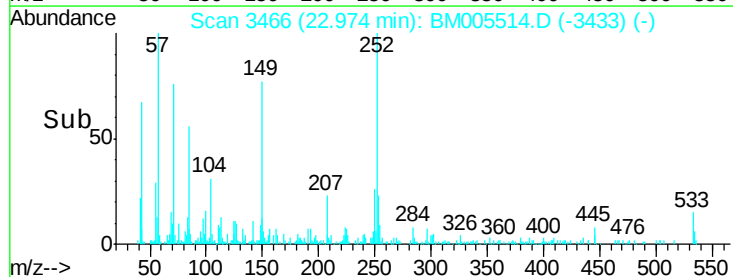
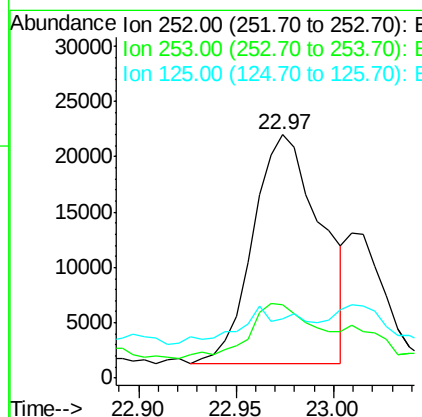
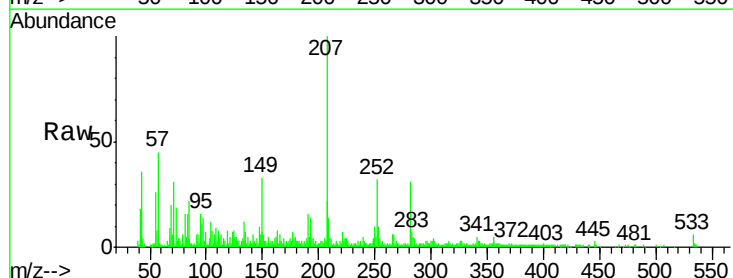
RT: 22.97 min Scan# 3466

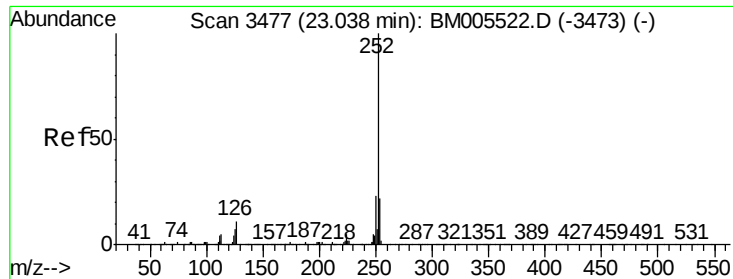
Delta R.T. -0.01 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Tgt Ion:	252	Resp:	50017
Ion Ratio	Lower	Upper	
252	100		
253	29.9	17.4	26.2#
125	24.5	8.4	12.6#





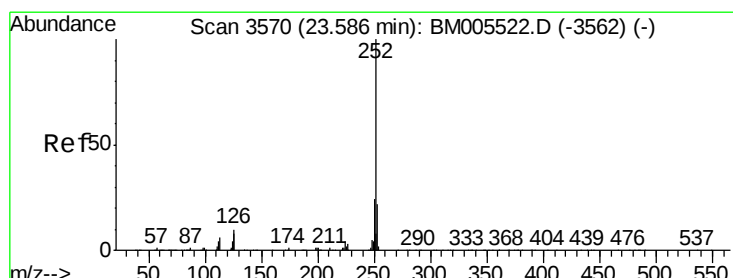
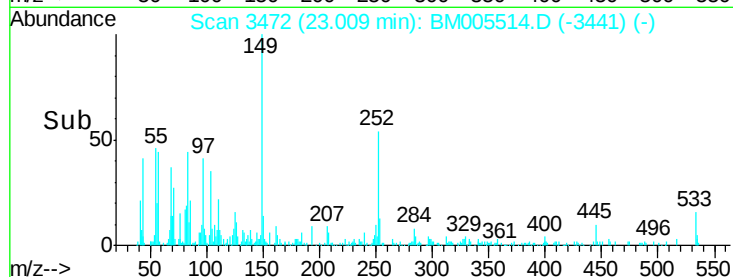
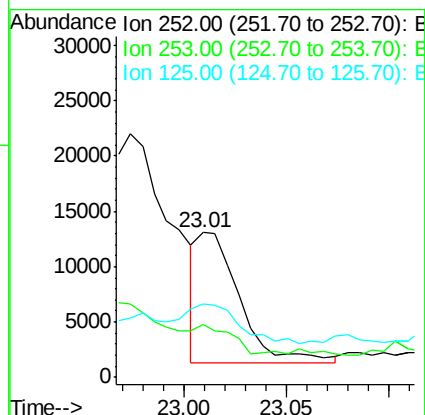
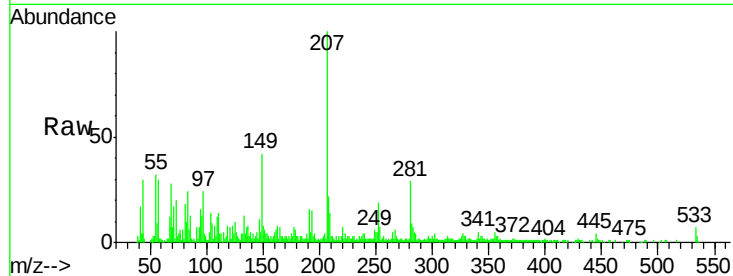
#86
Benzo(k)fluoranthene
Concen: 1.36 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BM005514.D
Acq: 20 May 2016 00:56

Instrument :
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ClientSampled :
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Tgt Ion:	252	Resp:	16796
Ion Ratio	Lower	Upper	
252	100		
253	36.2	17.3	25.9#
125	50.7	8.0	12.0#

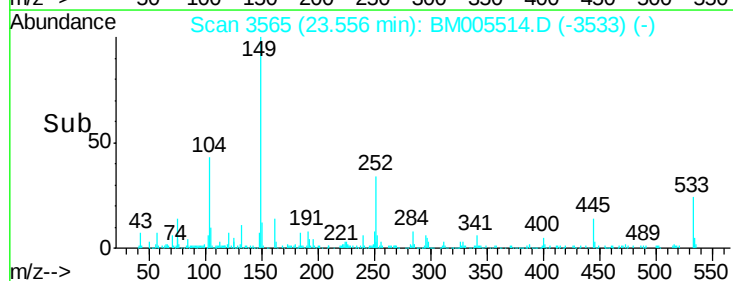
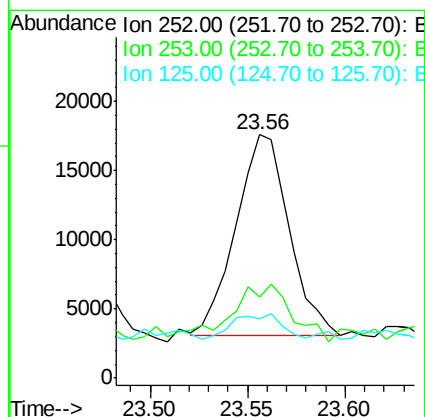
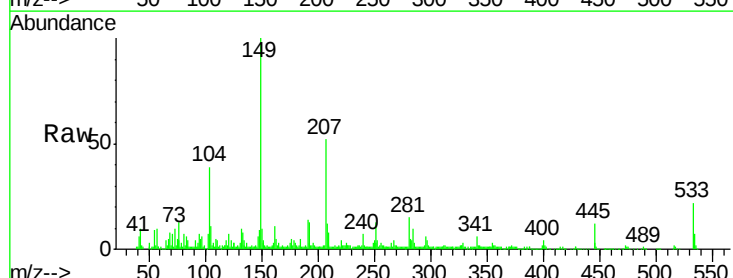
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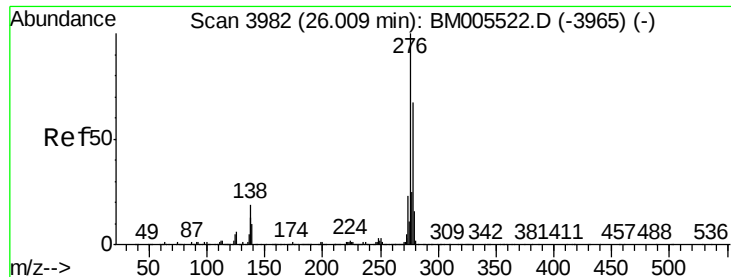
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#88
Benzo(a)pyrene
Concen: 2.18 ng/ul
RT: 23.56 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BM005514.D
Acq: 20 May 2016 00:56

Tgt Ion:	252	Resp:	27540
Ion Ratio	Lower	Upper	
252	100		
253	33.4	17.5	26.3#
125	24.2	8.7	13.1#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.36 ng/ul

RT: 25.96 min Scan# 3974

Delta R.T. -0.02 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Instrument :

BNA_M

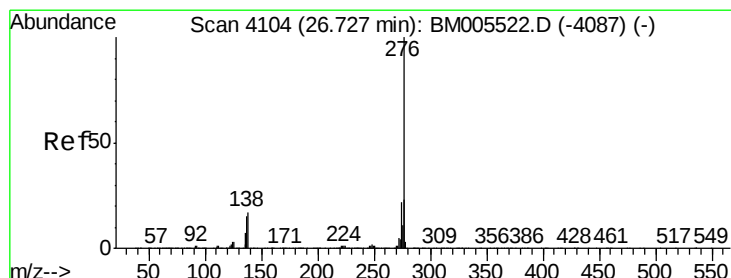
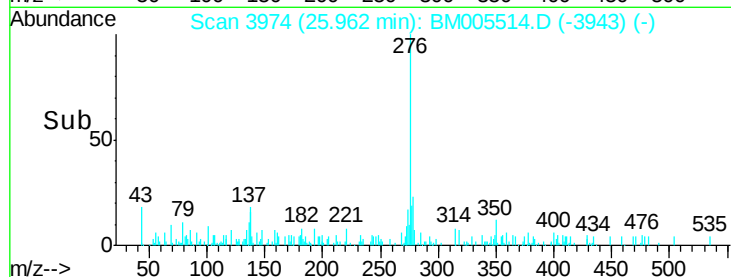
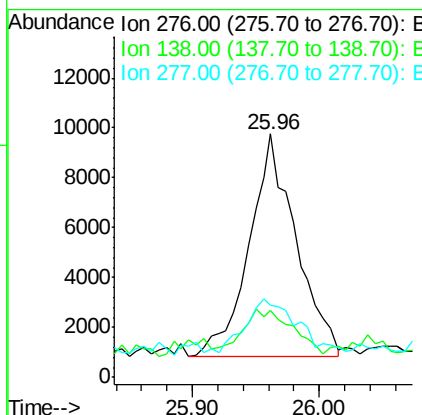
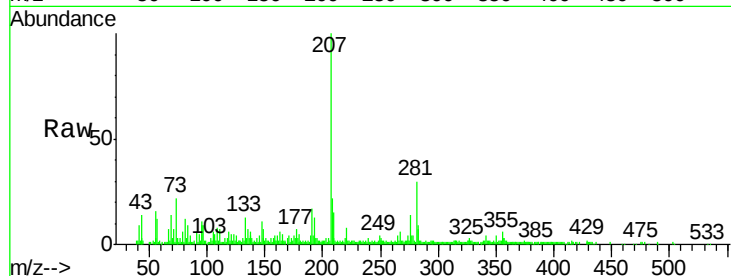
ClientSampleId :

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Tgt Ion:	276	Resp:	22640
Ion Ratio	Lower	Upper	
276	100		
138	27.3	21.0	31.6
277	29.8	19.9	29.9

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#91

Benzo(g,h,i)perylene

Concen: 1.27 ng/ul

RT: 26.68 min Scan# 4096

Delta R.T. -0.01 min

Lab File: BM005514.D

Acq: 20 May 2016 00:56

Tgt Ion:	276	Resp:	18266
Ion Ratio	Lower	Upper	
276	100		
138	35.2	18.2	27.4#
277	32.0	19.4	29.2#

