

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
 Data File : BM004441.D
 Acq On : 27 Feb 2016 00:16
 Operator : SJ/UM
 Sample : H1564-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R32

Manual Integrations
 APPROVED

UMANGI
 2/29/2016 2:50:41 PM

Quant Time: Feb 27 01:09:58 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 27 00:43:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	27560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	114426	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	59758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	126144	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	137995	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	139271	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2080	3.98	ng/uL	0.00
5) Phenol-d5	6.80	99	41634	18.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	22050	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	39217	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	29677	14.37	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	18042	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	20043	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	33926	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	45948	20.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	105954	20.67	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	131380	21.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	11401m	13.84	ng/ul	0.01
58) Fluorene-d10	15.27	176	90755	20.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	6344	8.19	ng/ul	0.00
71) Anthracene-d10	17.13	188	136161	22.03	ng/ul	0.00
79) Pyrene-d10	19.44	212	152286	22.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	165504	22.65	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	31626	5.92	ng/ul 100
70) Phenanthrene	17.07	178	38729	5.11	ng/ul 100
77) Fluoranthene	19.10	202	90007	10.49	ng/ul 98
80) Pyrene	19.47	202	73496	8.15	ng/ul 99
83) Benzo(a)anthracene	21.23	228	22113	2.49	ng/ul 99
85) Chrysene	21.28	228	38720	4.53	ng/ul 97
88) Benzo(b)fluoranthene	22.80	252	51249	5.45	ng/ul 97
89) Benzo(k)fluoranthene	22.84	252	14926m	1.68	ng/ul
91) Benzo(a)pyrene	23.37	252	29173	3.34	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	25.70	276	25567	3.13	ng/ul 97
94) Benzo(g,h,i)perylene	26.39	276	18427	2.74	ng/ul 98

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

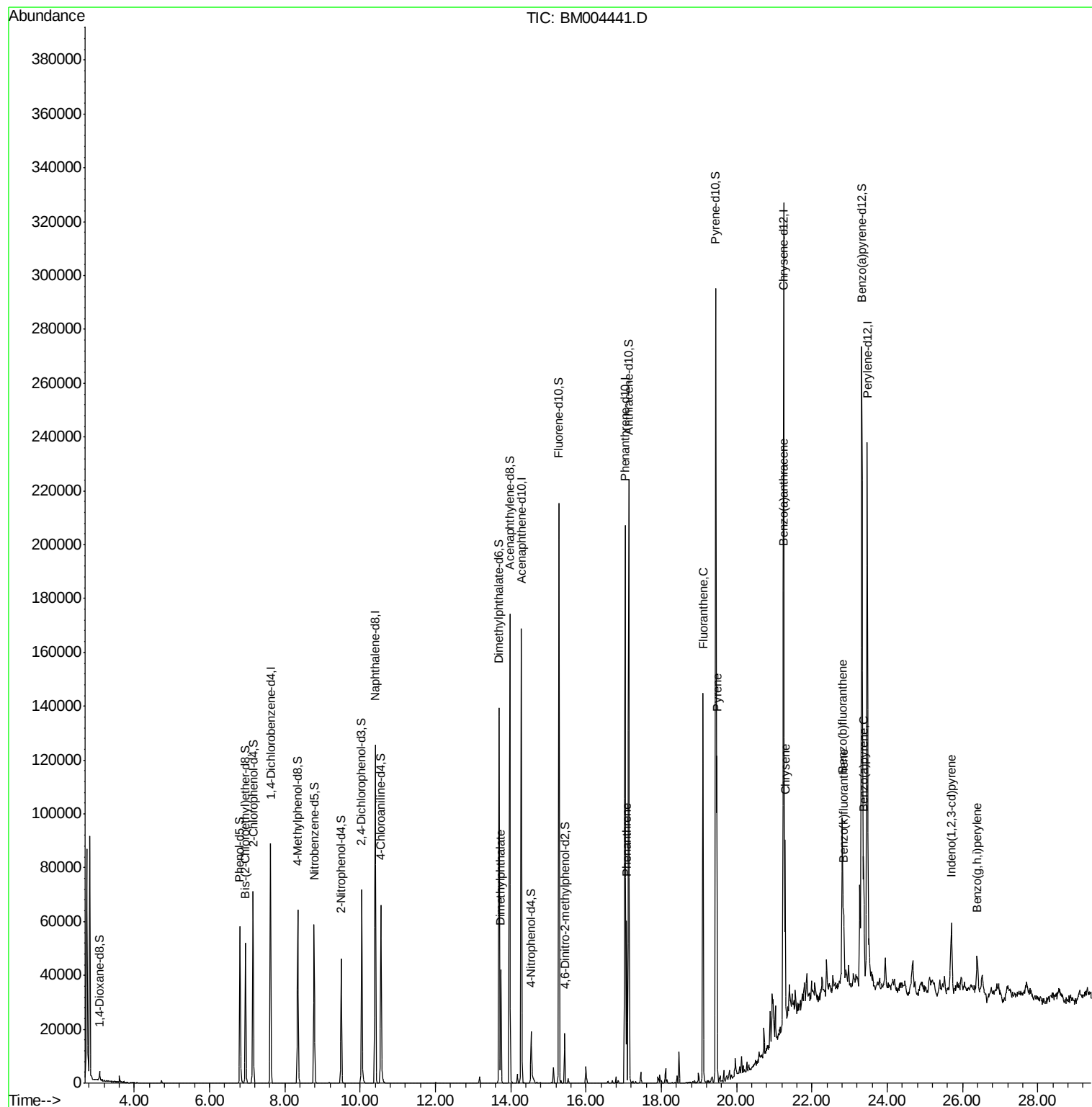
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
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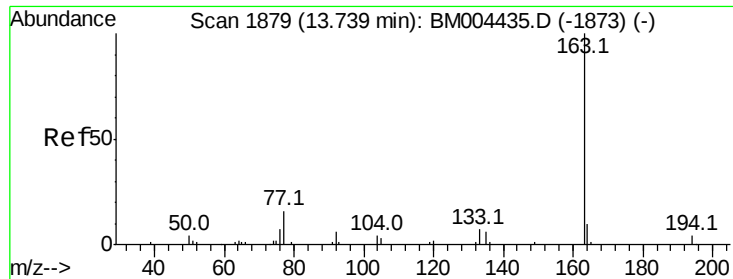
Instrument :
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Manual Integrations
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Quant Time: Feb 27 01:09:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
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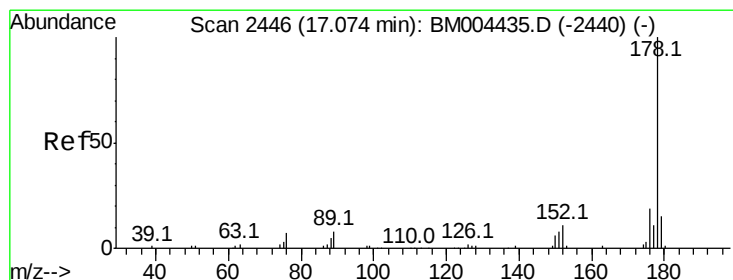
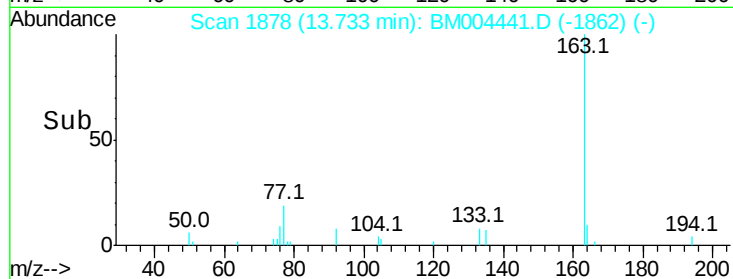
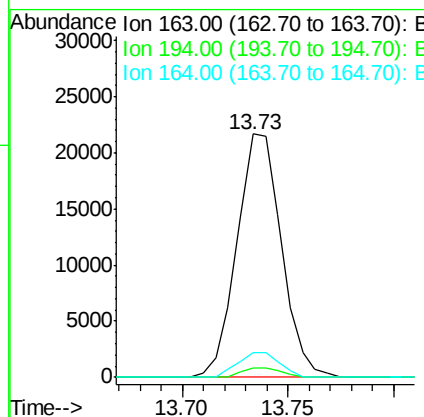
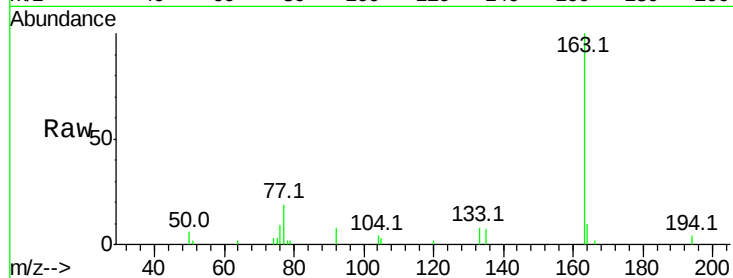
#45
Dimethylphthalate
Concen: 5.92 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM004441.D
Acq: 27 Feb 2016 00:16

Instrument :
BNA_M
ClientSampleId :
D9R32

Tot Ion	Ratio	Resp	Lower	Upper
163	100	31626		
194	4.0		3.2	4.8
164	10.0		7.8	11.8

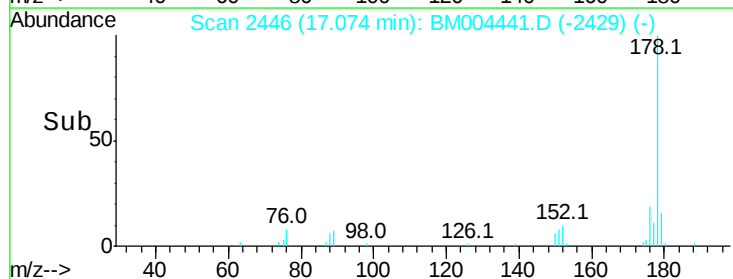
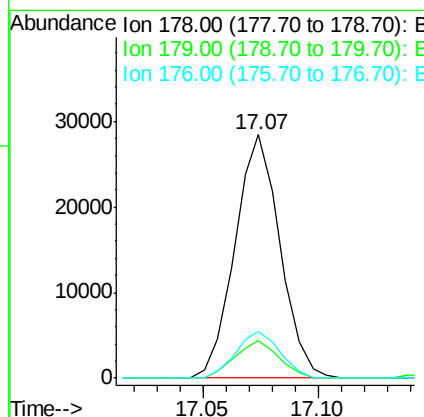
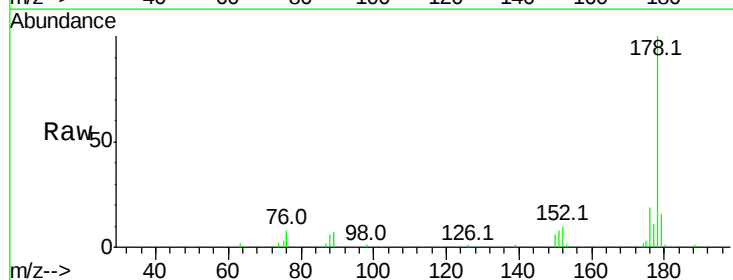
Manual Integrations
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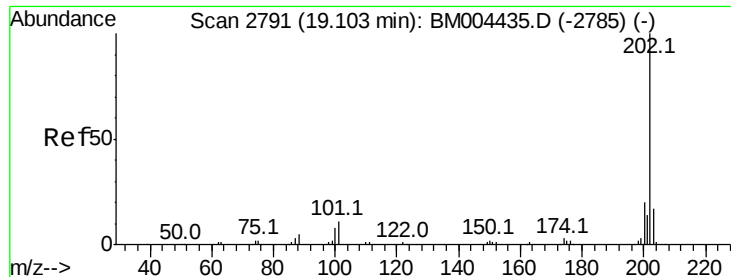
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#70
Phenanthrene
Concen: 5.11 ng/ul
RT: 17.07 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM004441.D
Acq: 27 Feb 2016 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	38729		
179	15.5		12.2	18.4
176	19.4		15.6	23.4





#77

Fluoranthene

Concen: 10.49 ng/ul

RT: 19.10 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM004441.D

Acq: 27 Feb 2016 00:16

Instrument :

BNA_M

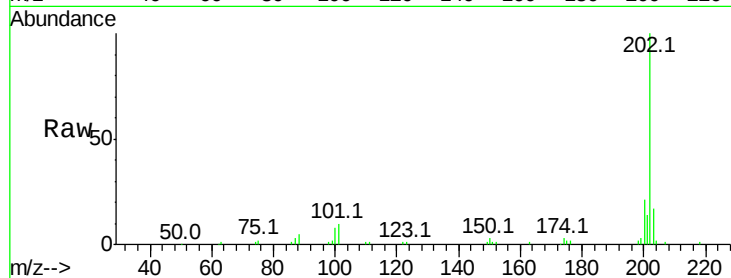
ClientSampleId :

D9R32

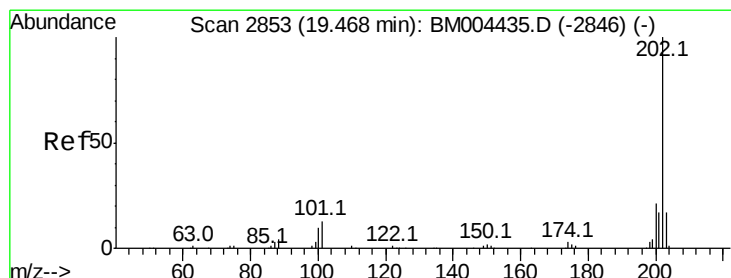
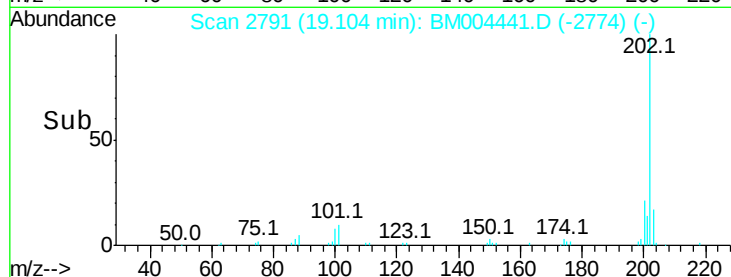
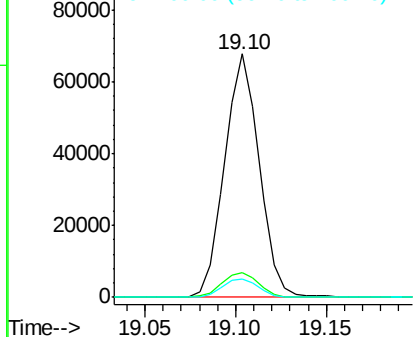
Tot Ion:	202	Resp:	90007
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.8	13.2
100	7.6	6.6	9.8

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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



#80

Pyrene

Concen: 8.15 ng/ul

RT: 19.47 min Scan# 2853

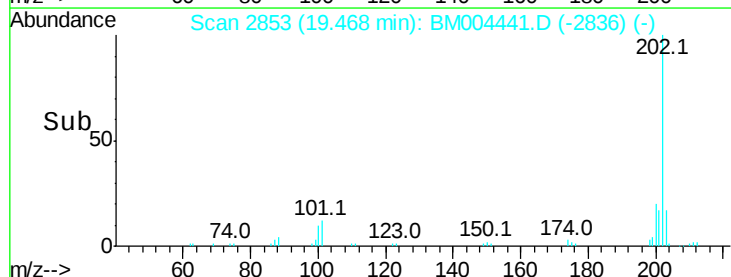
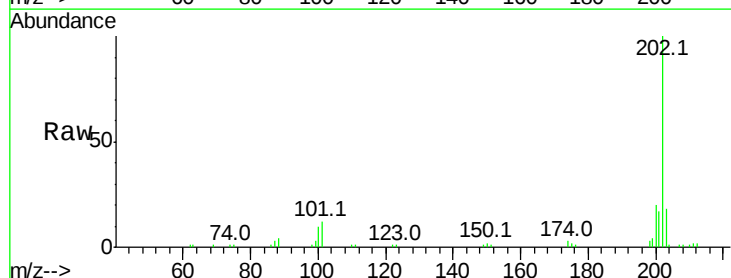
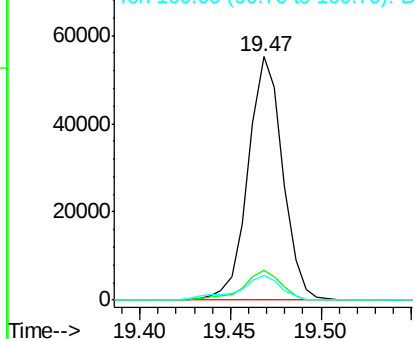
Delta R.T. 0.00 min

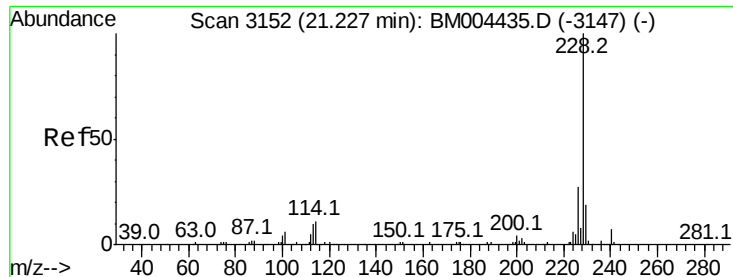
Lab File: BM004441.D

Acq: 27 Feb 2016 00:16

Tgt Ion:	202	Resp:	73496
Ion Ratio	Lower	Upper	
202	100		
101	12.4	10.2	15.2
100	10.2	8.5	12.7

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





#83

Benzo(a)anthracene

Concen: 2.49 ng/ul

RT: 21.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BM004441.D

Acq: 27 Feb 2016 00:16

Instrument :

BNA_M

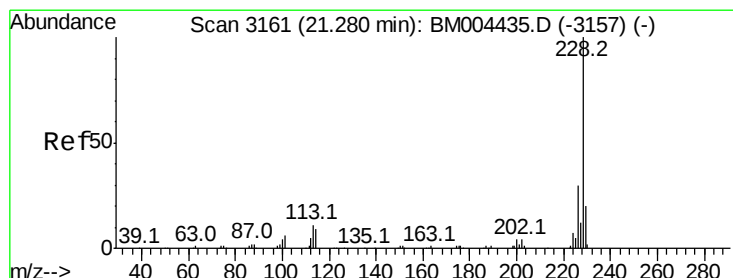
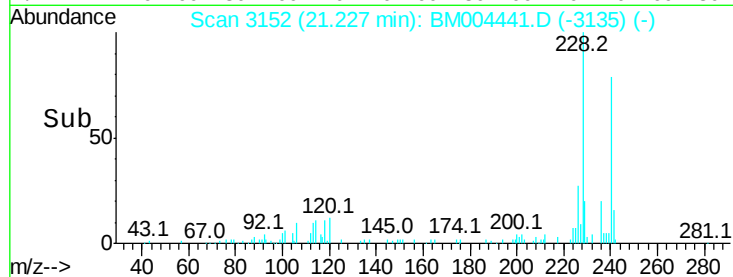
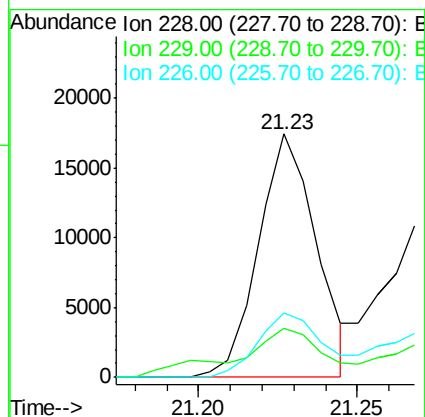
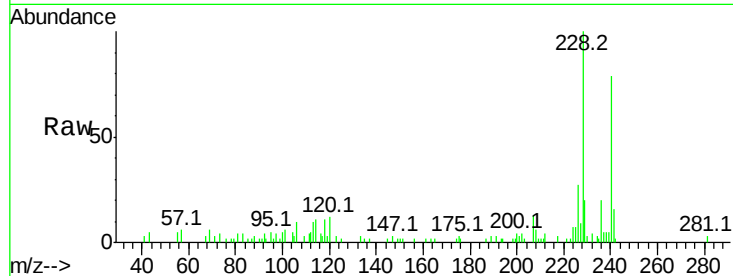
ClientSampleId :

D9R32

Tot Ion:	228	Resp:	22113
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.7	23.5
226	26.6	21.8	32.6

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#85

Chrysene

Concen: 4.53 ng/ul

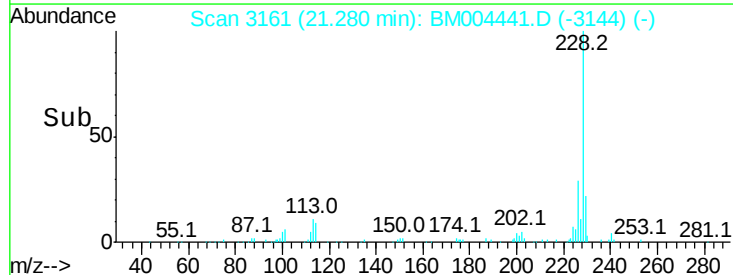
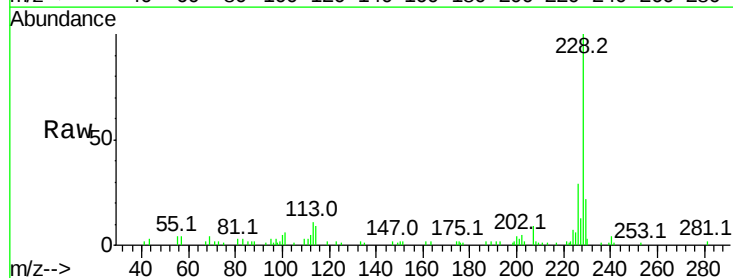
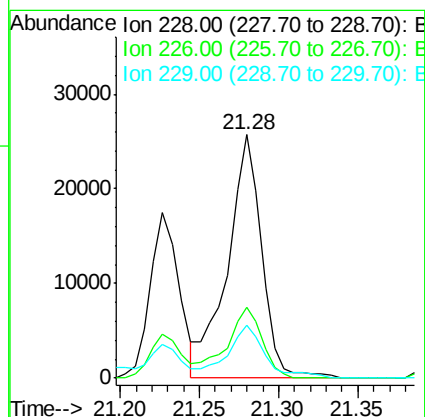
RT: 21.28 min Scan# 3161

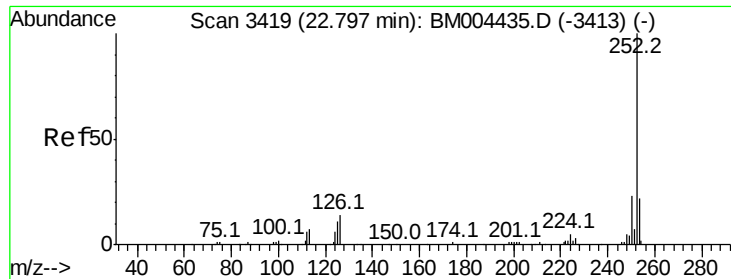
Delta R.T. 0.00 min

Lab File: BM004441.D

Acq: 27 Feb 2016 00:16

Tgt Ion:	228	Resp:	38720
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.0	36.0
229	21.9	15.6	23.4





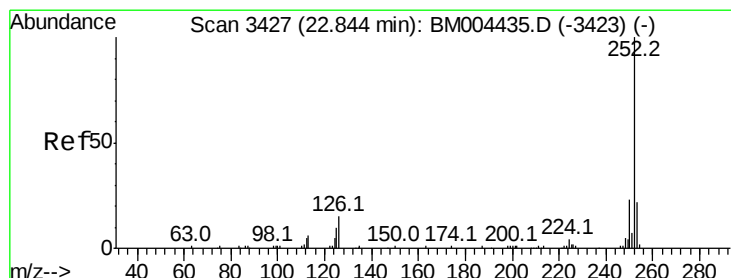
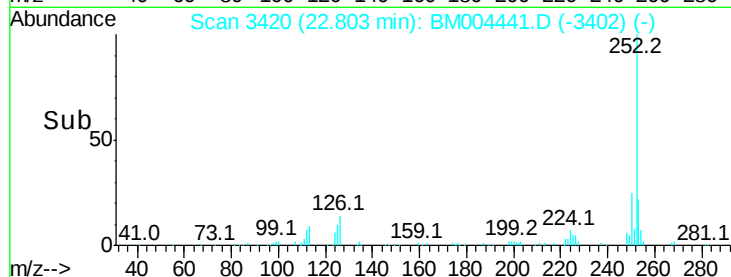
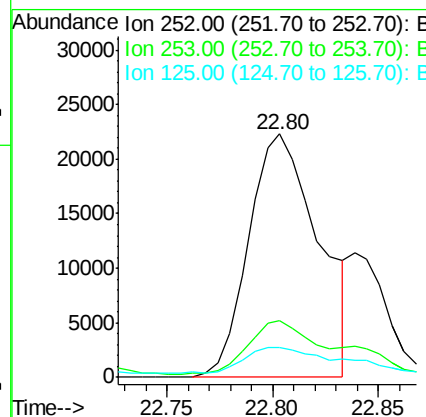
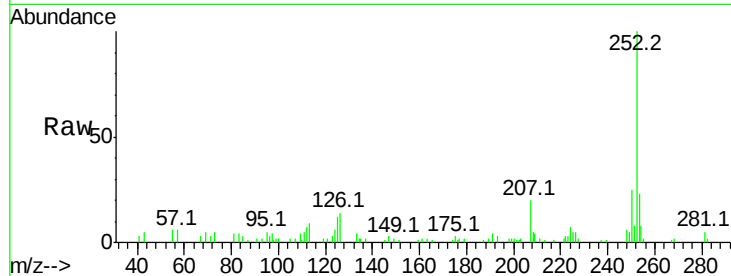
#88
Benzo(b)fluoranthene
Concen: 5.45 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. 0.01 min
Lab File: BM004441.D
Acq: 27 Feb 2016 00:16

Instrument :
BNA_M
ClientSampleId :
D9R32

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.1	8.5	12.7

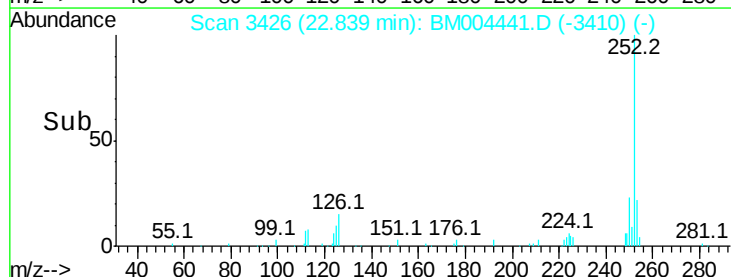
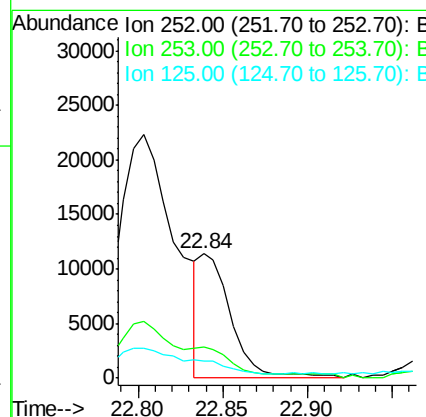
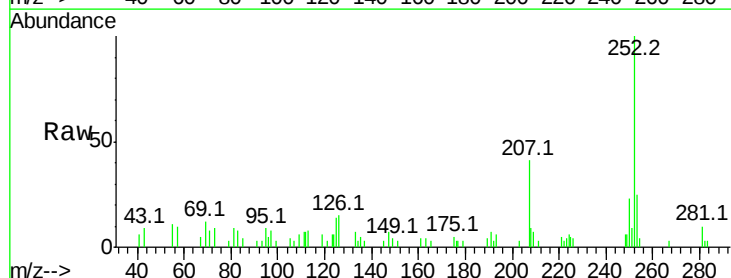
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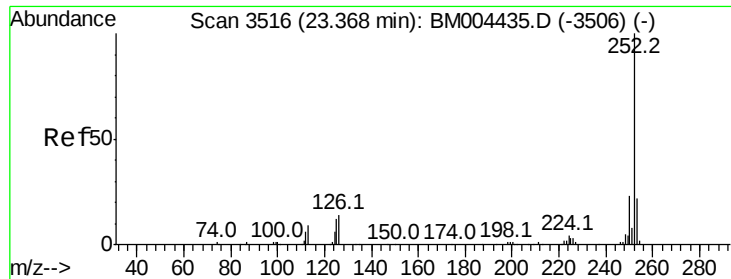
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#89
Benzo(k)fluoranthene
Concen: 1.68 ng/ul m
RT: 22.84 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BM004441.D
Acq: 27 Feb 2016 00:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	13.7	8.2	12.2#





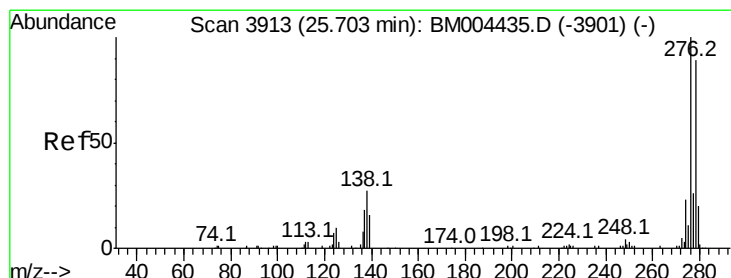
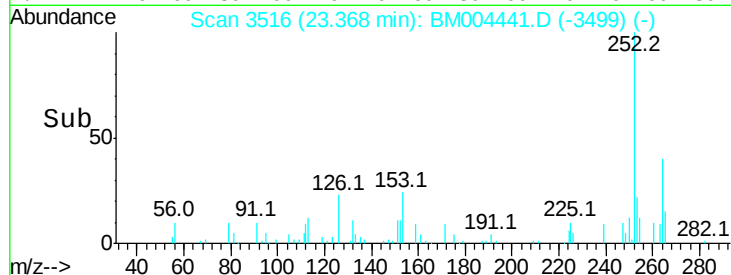
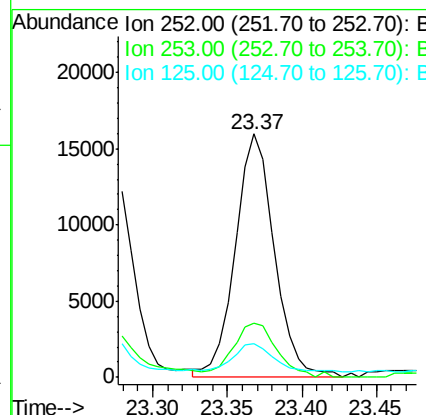
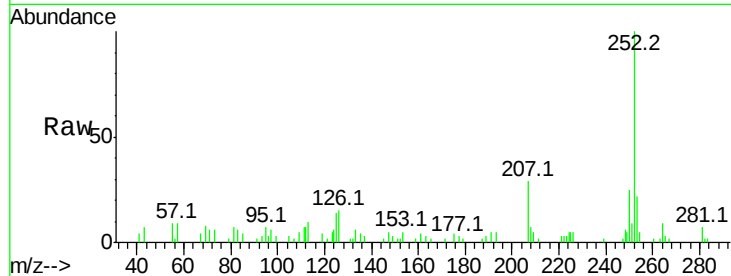
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Benzo(a)pyrene
Concen: 3.34 ng/ul
RT: 23.37 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM004441.D
Acq: 27 Feb 2016 00:16

Instrument :
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ClientSampleId :
D9R32

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.8	9.0	13.6

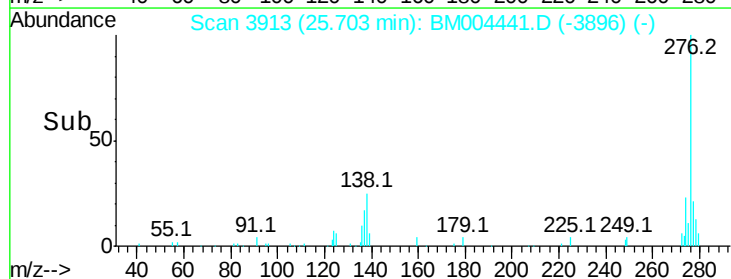
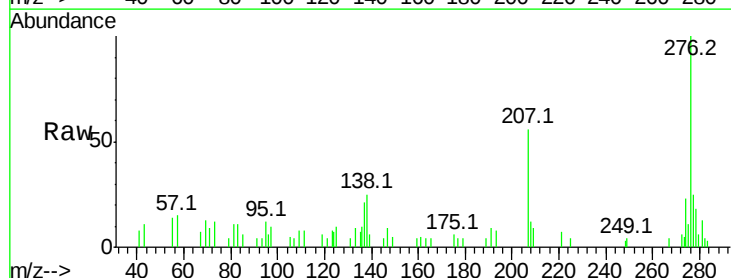
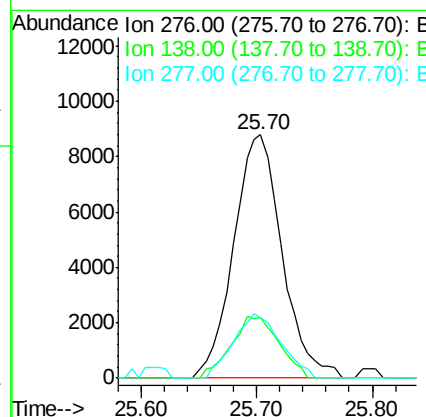
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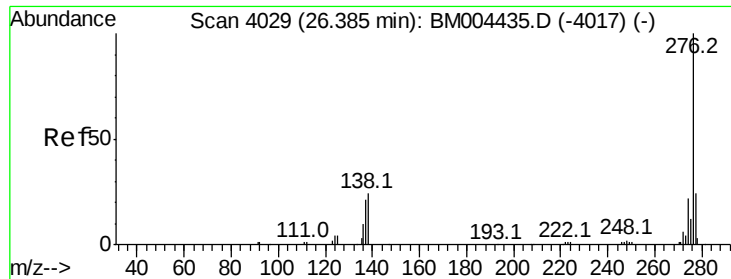
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.13 ng/ul
RT: 25.70 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM004441.D
Acq: 27 Feb 2016 00:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.3	33.5
277	25.0	20.2	30.2





#94

Benzo(a,h,i)perylene

Concen: 2.74 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM004441.D

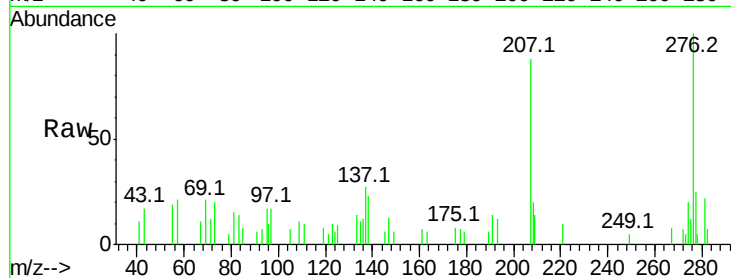
Acq: 27 Feb 2016 00:16

Instrument :

BNA_M

ClientSampleId :

D9R32



Tot Ion:	276	Resp:	18427
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.9	28.3
277	25.1	19.2	28.8

Manual Integrations
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