

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004610.D
 Acq On : 15 Mar 2016 22:35
 Operator : UM/SJ
 Sample : H1710-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D70

Manual Integrations
 APPROVED

Sohil
 4/15/2016 11:44:00 AM

Quant Time: Mar 16 07:11:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 05:57:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	68251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	300813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	171734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	380337	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	431896	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	416679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	4784	2.42	ng/uL	0.00
5) Phenol-d5	7.00	99	91544	16.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	56737	17.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	76045	16.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	68373	15.12	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	33061	15.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	35365	15.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	72596	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	85258	16.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	230197	17.15	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	284381	17.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	27632	10.65	ng/ul	0.00
58) Fluorene-d10	15.47	176	209904	17.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	20937	10.47	ng/ul	0.00
71) Anthracene-d10	17.32	188	315437m	18.01	ng/ul	0.00
79) Pyrene-d10	19.61	212	351177	17.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	319284	17.16	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.93	163	87365	6.41	ng/ul	100
70) Phenanthrene	17.26	178	148769	6.85	ng/ul	99
72) Anthracene	17.35	178	27884	1.27	ng/ul	99
77) Fluoranthene	19.27	202	240202	10.01	ng/ul	98
80) Pyrene	19.64	202	186961	7.14	ng/ul	97
83) Benzo(a)anthracene	21.39	228	110329	4.38	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	128643	8.64	ng/ul	99
85) Chrysene	21.44	228	105593	4.39	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	137714	5.54	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	44645m	1.89	ng/ul	
91) Benzo(a)pyrene	23.60	252	67664	2.84	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.03	276	48815	1.82	ng/ul	93

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

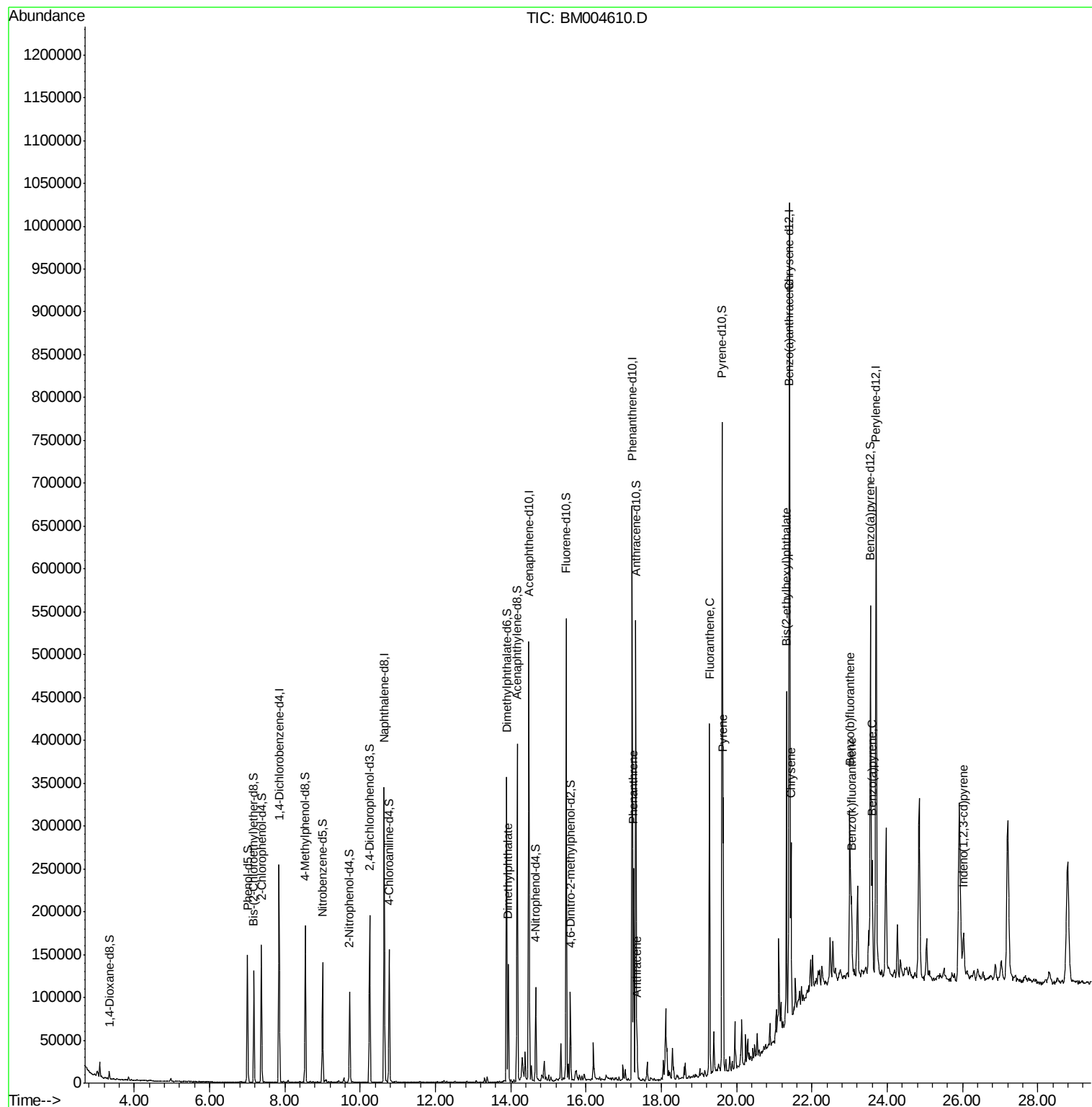
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004610.D
Acq On : 15 Mar 2016 22:35
Operator : UM/SJ
Sample : H1710-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

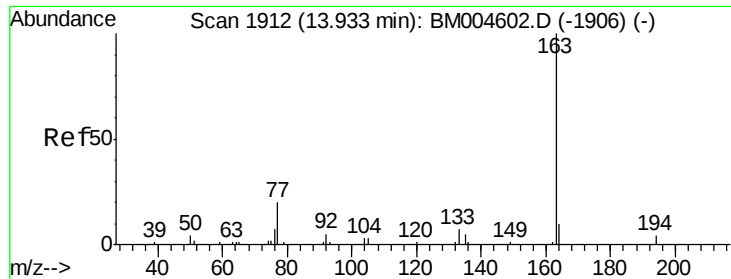
Instrument :
BNA_M
ClientSampleId :
MS-SS-D70

Manual Integrations
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Quant Title : SVOA CALIBRATION
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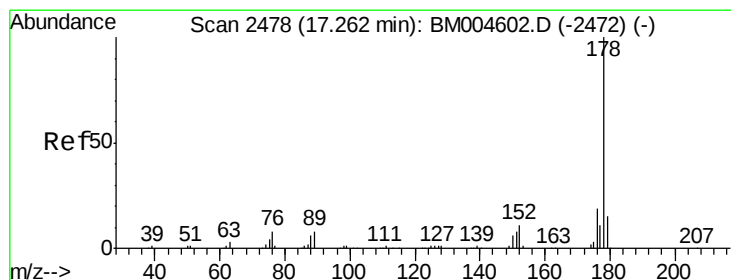
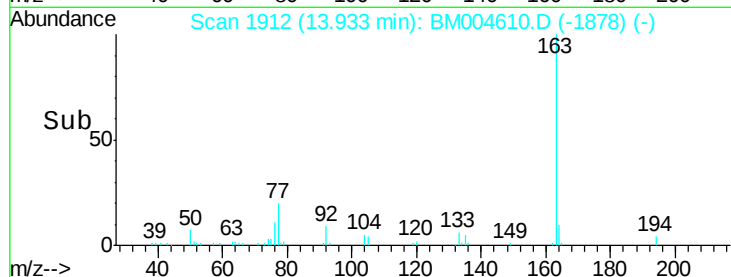
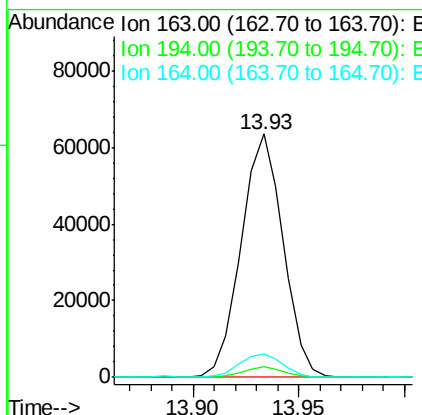
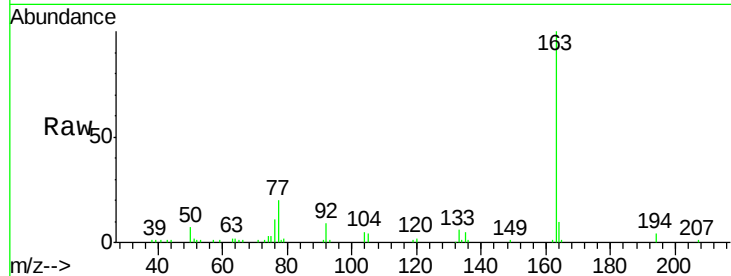
#45
Dimethylphthalate
Concen: 6.41 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Instrument :
BNA_M
ClientSampleId :
MS-SS-D70

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87365		
194	4.1		3.2	4.8
164	9.7		7.8	11.8

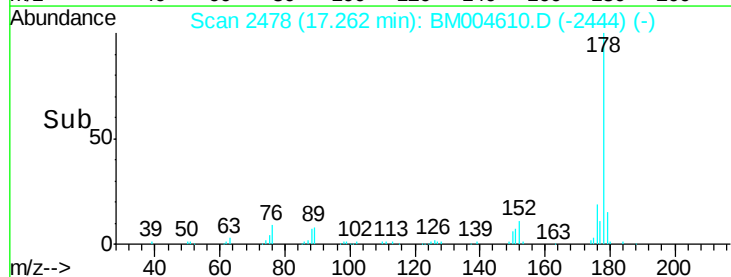
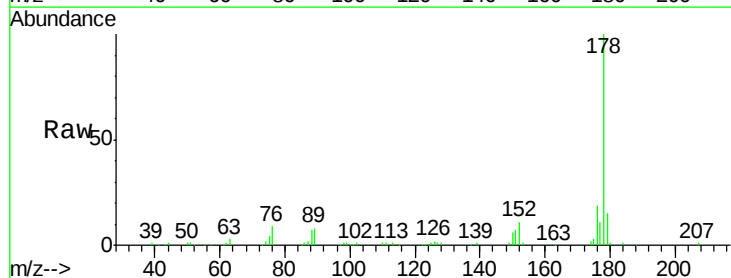
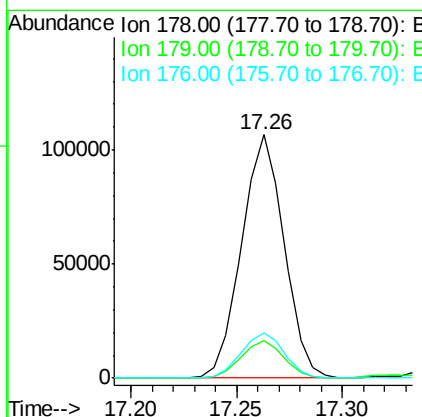
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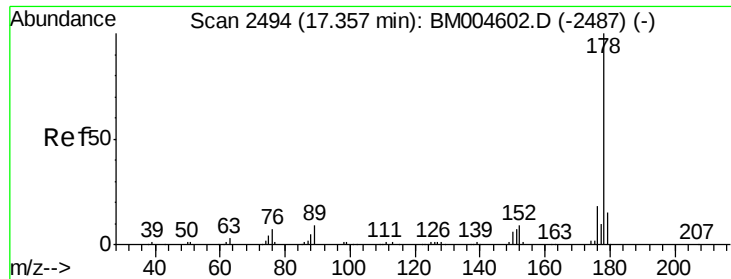
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#70
Phenanthrene
Concen: 6.85 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	148769		
179	15.2		12.2	18.4
176	18.6		15.6	23.4





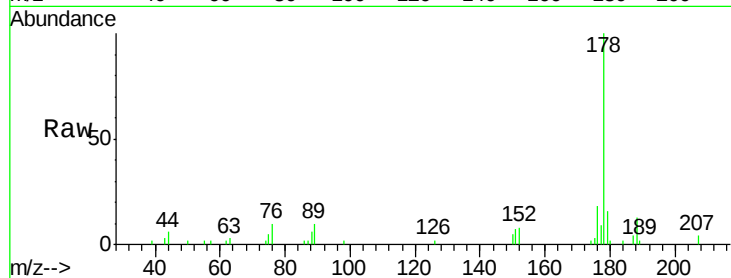
#72
 Anthracene
 Concen: 1.27 ng/ul
 RT: 17.35 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D70

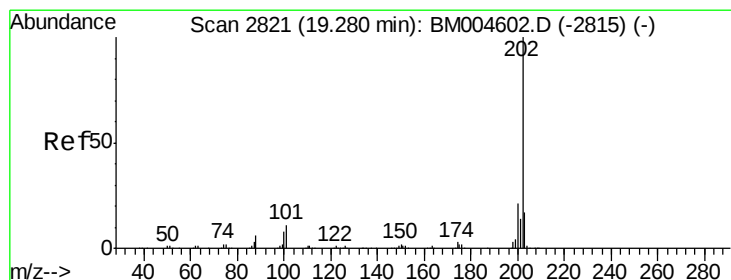
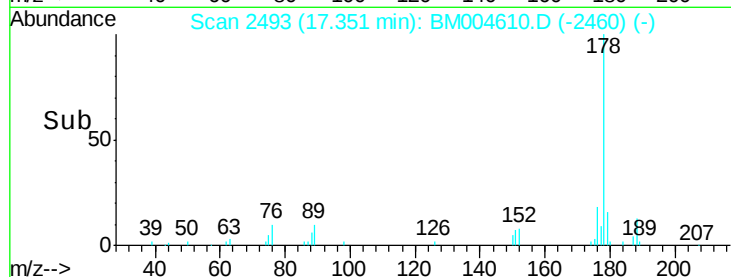
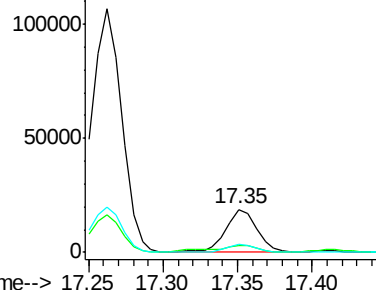
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.3	14.8	22.2

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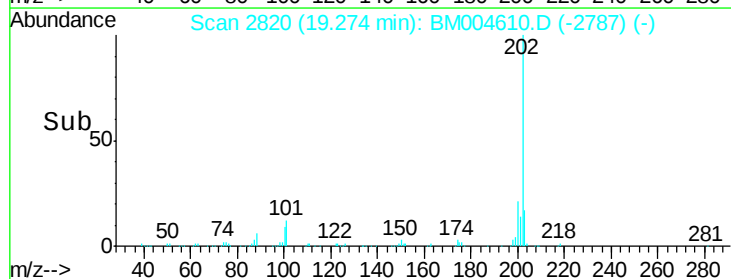
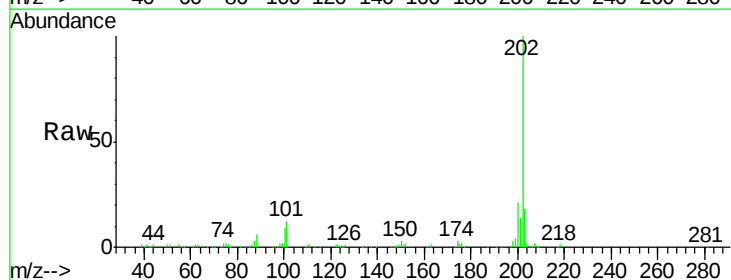
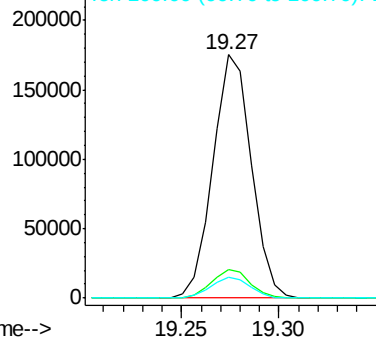
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

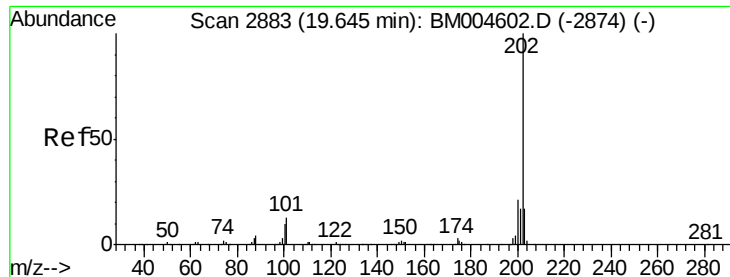


#77
 Fluoranthene
 Concen: 10.01 ng/ul
 RT: 19.27 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	8.8	6.6	9.8

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





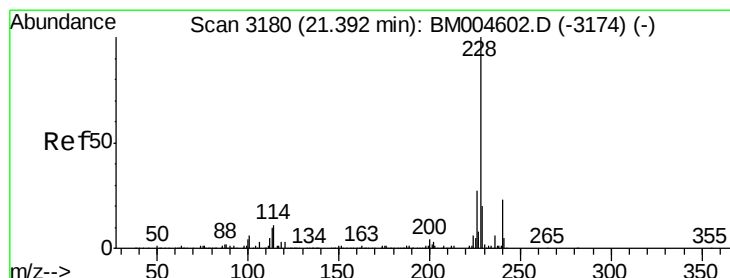
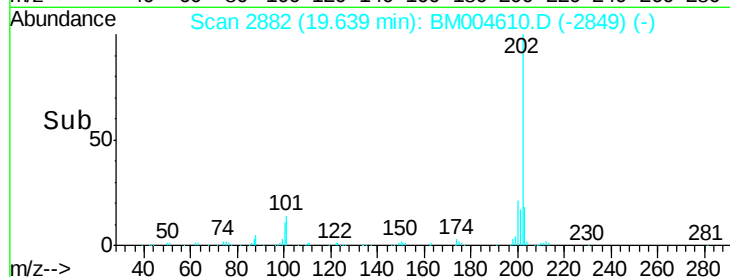
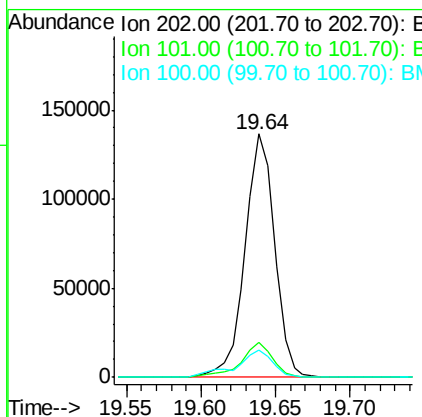
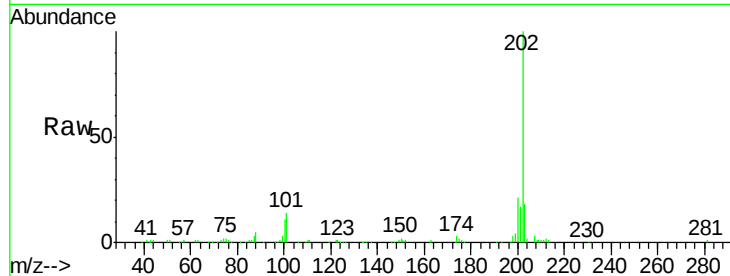
#80
Pyrene
Concen: 7.14 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Instrument :
BNA_M
ClientSampleId :
MS-SS-D70

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	10.2	15.2
100	11.1	8.5	12.7

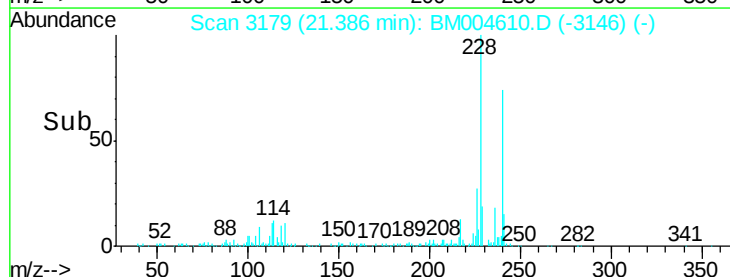
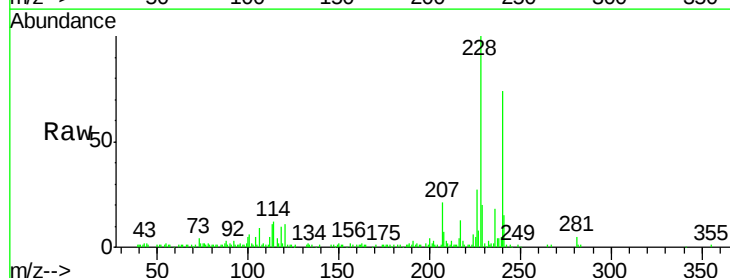
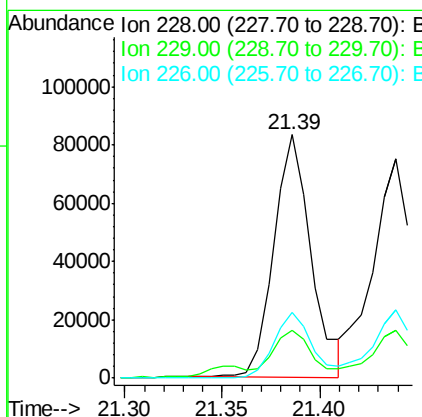
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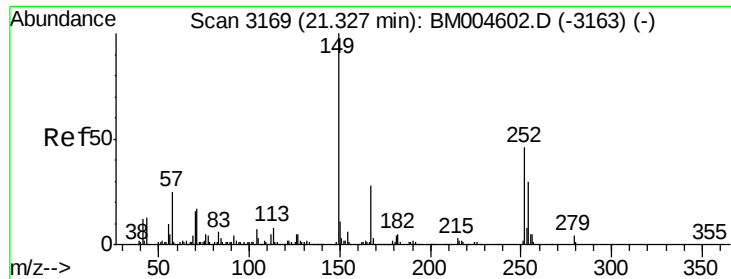
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#83
Benzo(a)anthracene
Concen: 4.38 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.8	15.7	23.5
226	27.0	21.8	32.6





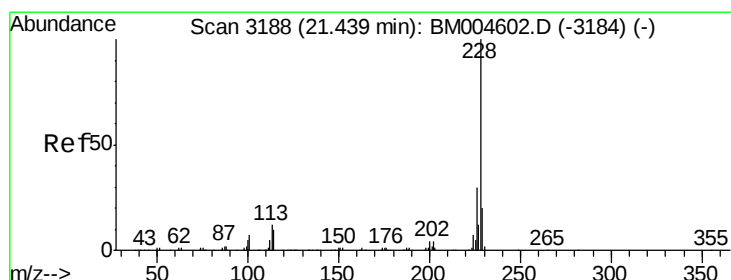
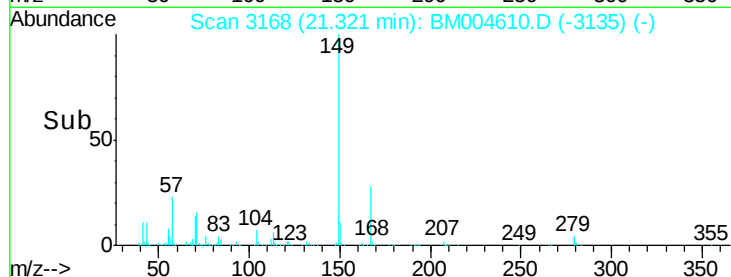
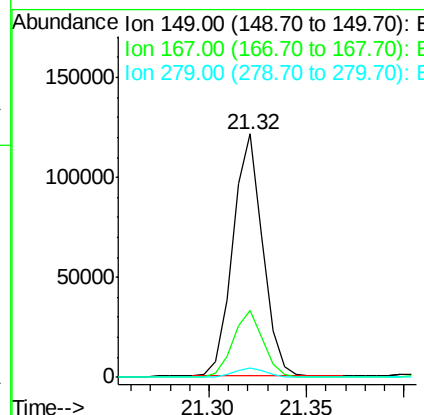
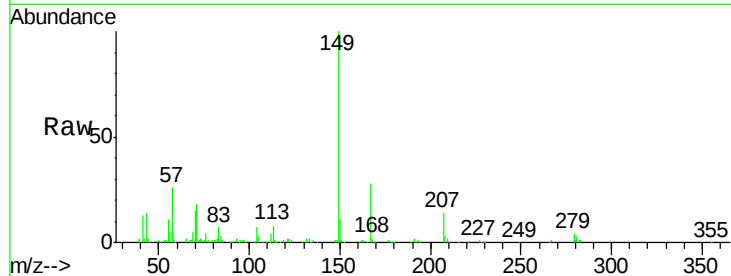
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.64 ng/ul
 RT: 21.32 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D70

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.6	21.6	32.4
279	4.0	3.0	4.4

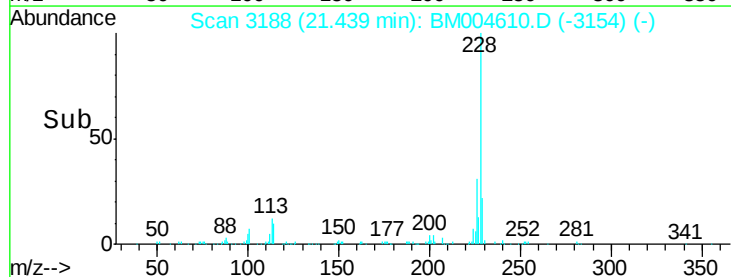
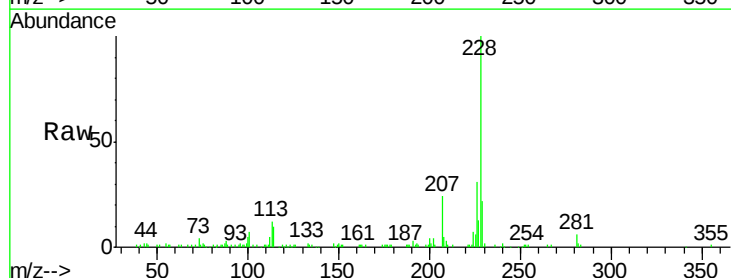
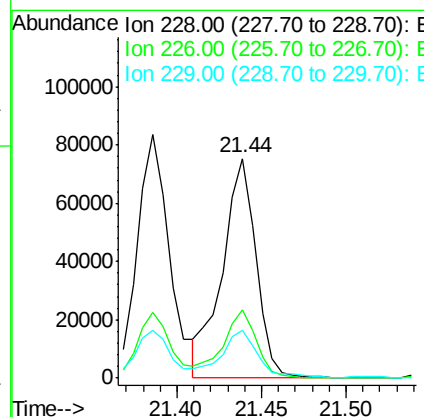
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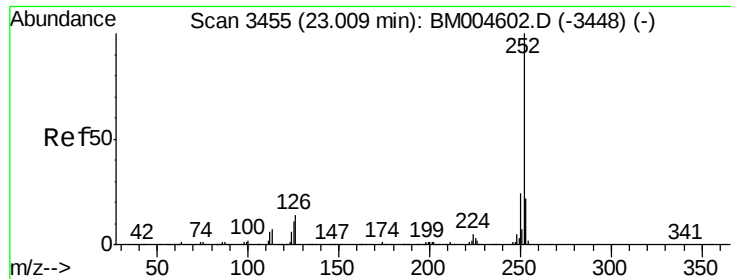
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#85
 Chrysene
 Concen: 4.39 ng/ul
 RT: 21.44 min Scan# 3188
 Delta R.T. 0.00 min
 Lab File: BM004610.D
 Acq: 15 Mar 2016 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	24.0	36.0
229	21.9	15.6	23.4





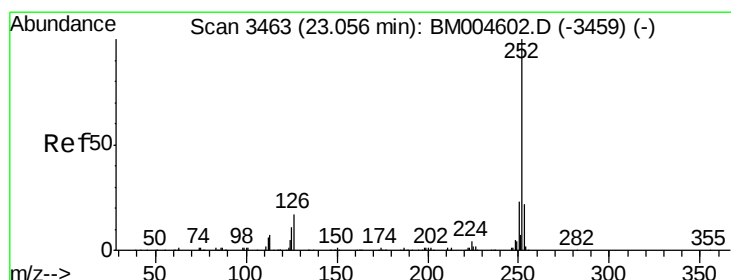
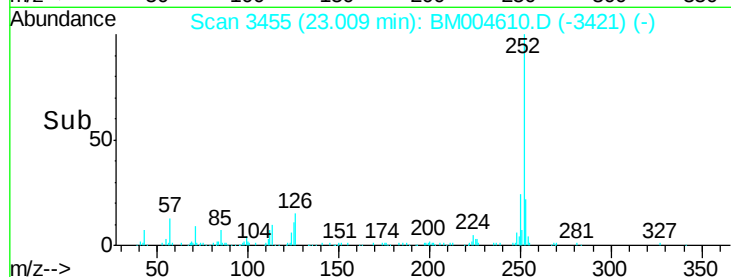
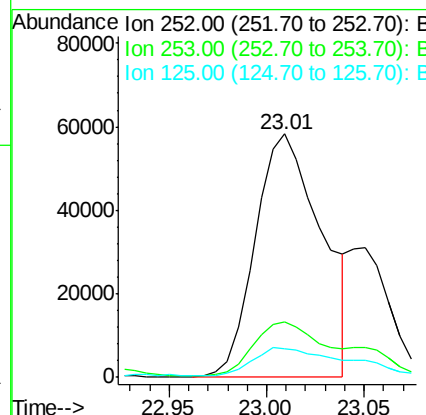
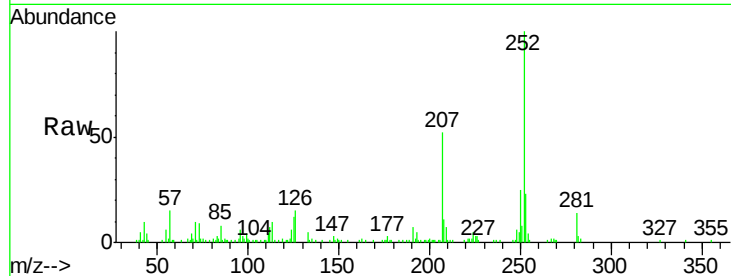
#88
Benzo(b)fluoranthene
Concen: 5.54 ng/ul
RT: 23.01 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Instrument :
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ClientSampleId :
MS-SS-D70

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	137714		
253	23.0	17.5	26.3	
125	11.7	8.5	12.7	

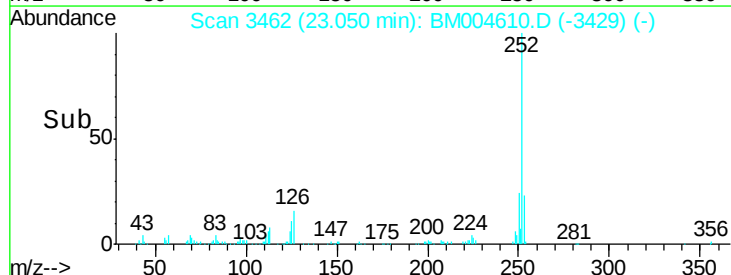
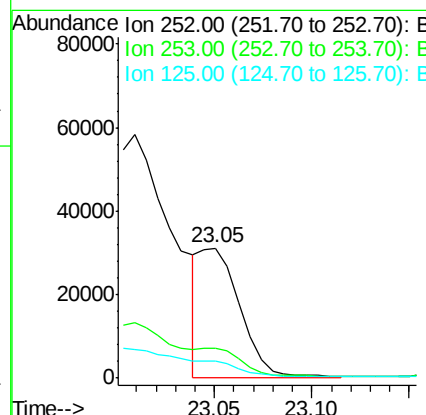
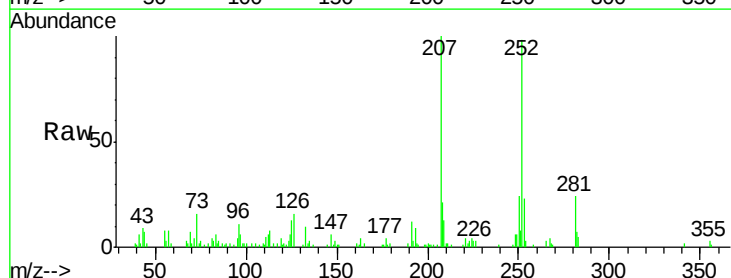
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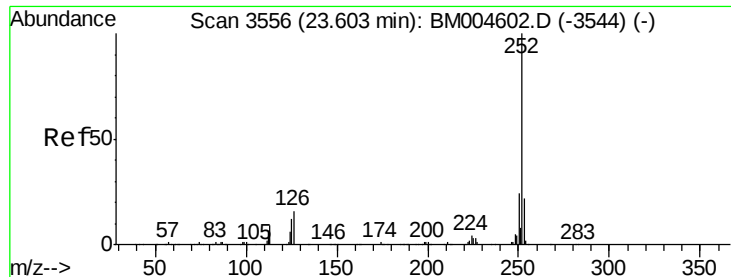
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#89
Benzo(k)fluoranthene
Concen: 1.89 ng/ul m
RT: 23.05 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44645		
253	23.4	17.3	25.9	
125	12.8	8.2	12.2#	





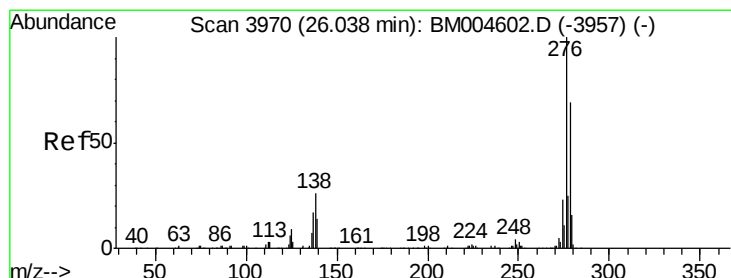
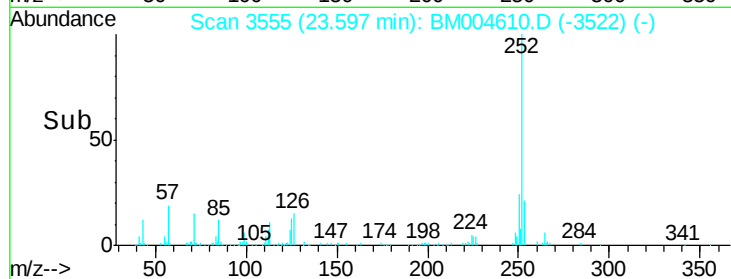
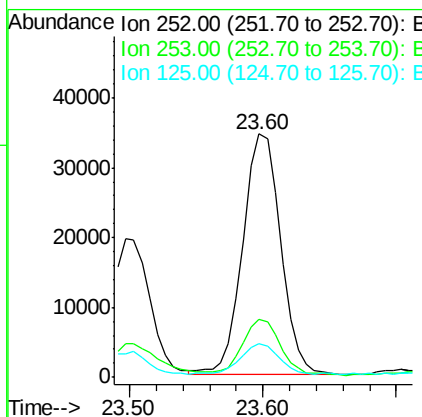
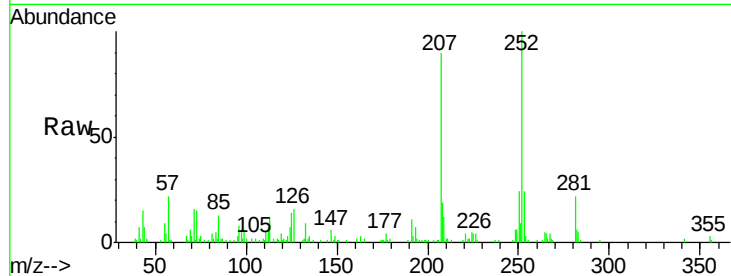
#91
Benzo(a)pyrene
Concen: 2.84 ng/ul
RT: 23.60 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Instrument :
BNA_M
ClientSampleId :
MS-SS-D70

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	17.2	25.8
125	13.9	9.0	13.6

Manual Integrations
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.82 ng/ul
RT: 26.03 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM004610.D
Acq: 15 Mar 2016 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.5	22.3	33.5
277	23.5	20.2	30.2

