

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
 Data File : BM004363.D
 Acq On : 23 Feb 2016 23:10
 Operator : SJ/UM
 Sample : H1542-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S27-0312

Manual Integrations
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Quant Time: Feb 24 03:15:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	107459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	55870	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	114950	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	123427	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	127148	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.09	96	2065	4.35	ng/uL	0.00
5) Phenol-d5	6.82	99	43285m	20.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	24612	23.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	39994	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	33605	17.94	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	18659	22.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	19859m	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	35130m	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	39790	18.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	114043	23.80	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	142448	25.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	7413m	9.63	ng/ul	0.02
58) Fluorene-d10	15.28	176	98479	24.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	8898	12.60	ng/ul	0.00
71) Anthracene-d10	17.13	188	146838	26.07	ng/ul	0.00
79) Pyrene-d10	19.44	212	160426	26.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	172432	25.84	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.74	163	32911	6.59	ng/ul	99
70) Phenanthrene	17.08	178	32152	4.66	ng/ul	100
77) Fluoranthene	19.11	202	41509	5.31	ng/ul	99
80) Pyrene	19.47	202	34208	4.24	ng/ul	99
83) Benzo(a)anthracene	21.23	228	10001	1.26	ng/ul	95
85) Chrysene	21.29	228	19724	2.58	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	27341	3.18	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	9930m	1.23	ng/ul	
91) Benzo(a)pyrene	23.37	252	16887	2.12	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.70	276	14797	1.98	ng/ul	96
94) Benzo(g,h,i)perylene	26.39	276	14572	2.37	ng/ul	99

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

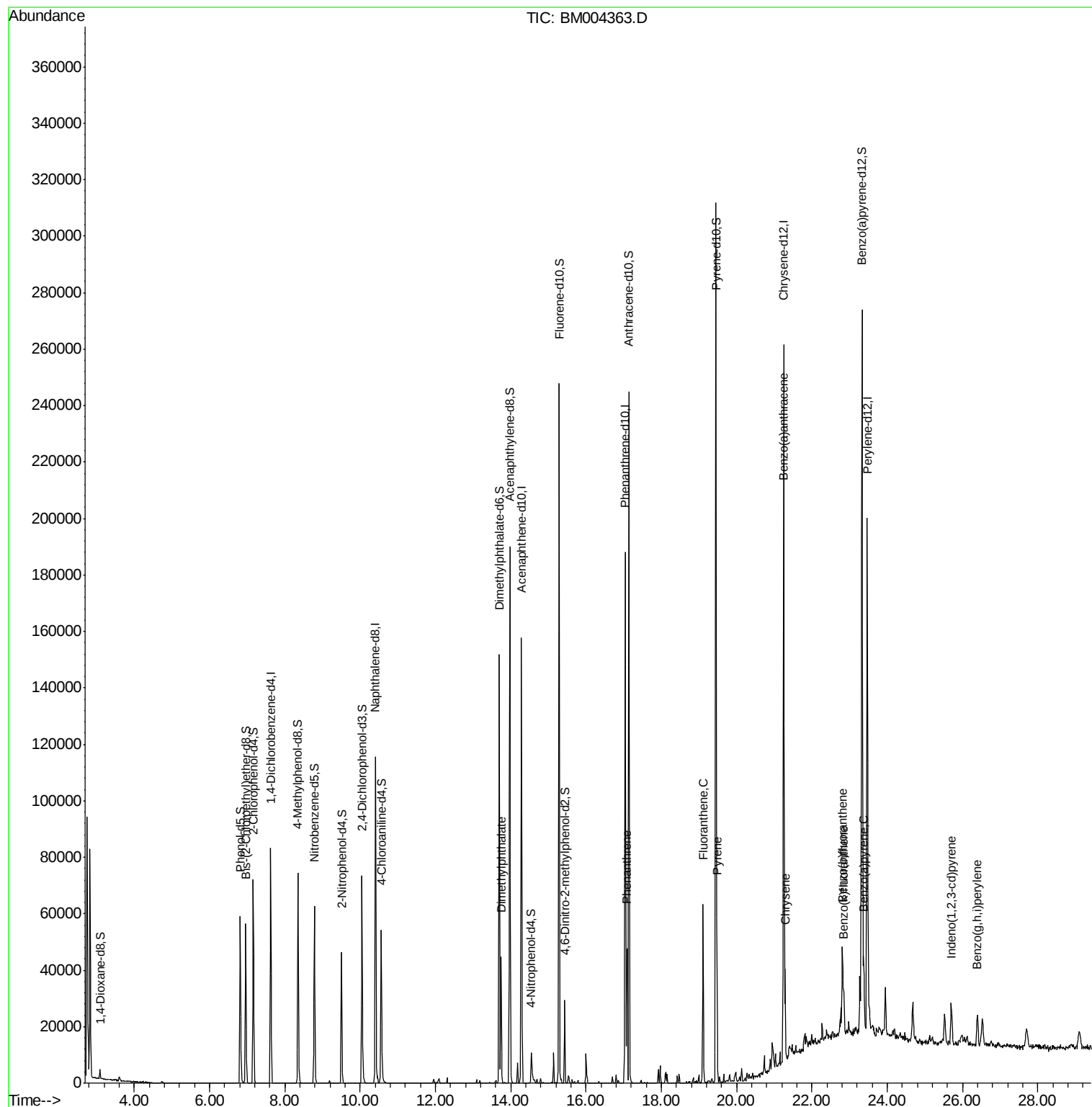
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004363.D
Acq On : 23 Feb 2016 23:10
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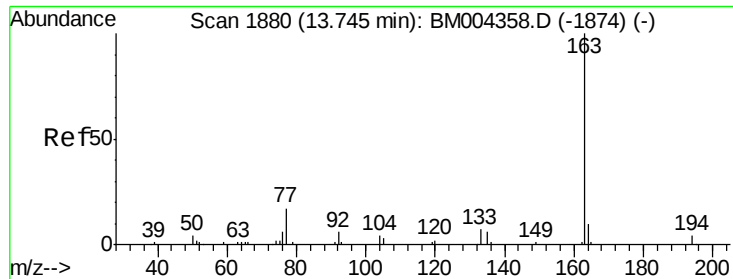
Instrument :
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Quant Title : SVOA CALIBRATION
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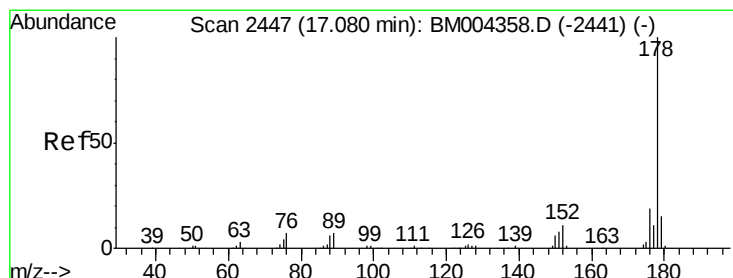
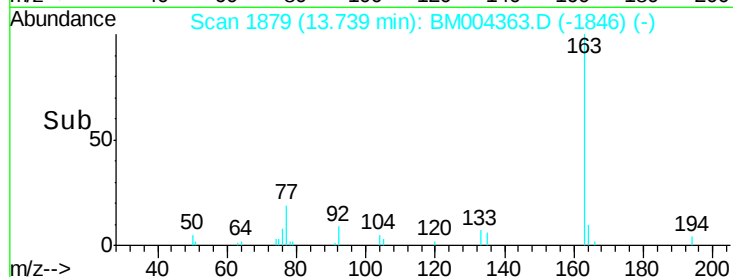
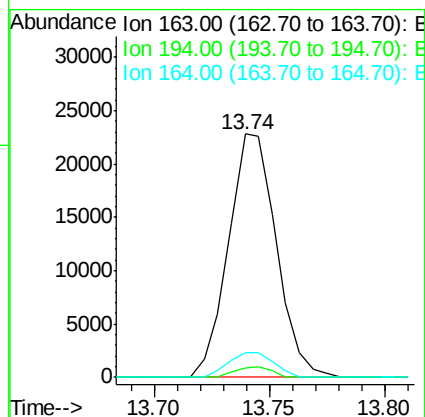
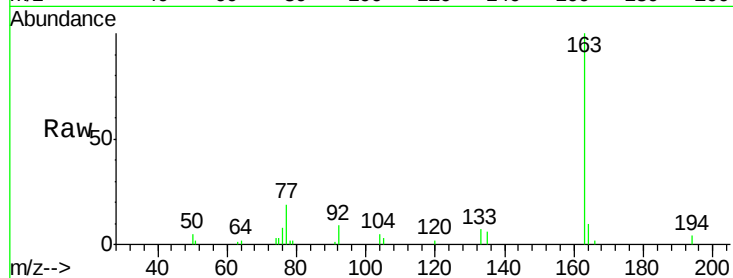
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Dimethylphthalate
Concen: 6.59 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM004363.D
Acq: 23 Feb 2016 23:10

Instrument :
BNA_M
ClientSampleId :
0311-S27-0312

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	32911		
194	4.0		3.2	4.8
164	10.2		7.8	11.8

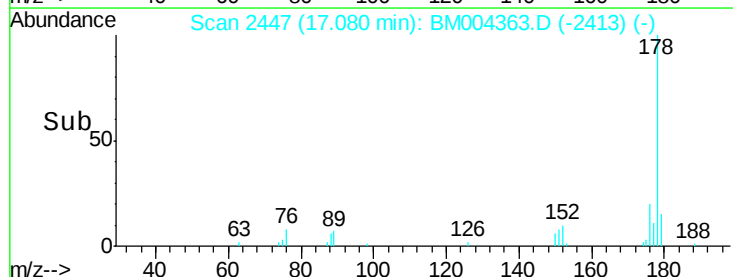
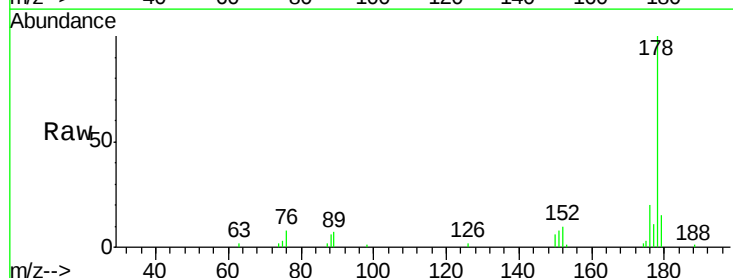
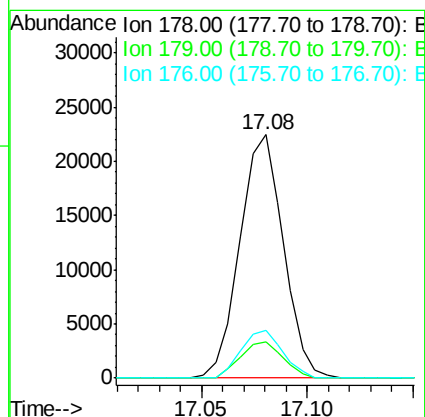
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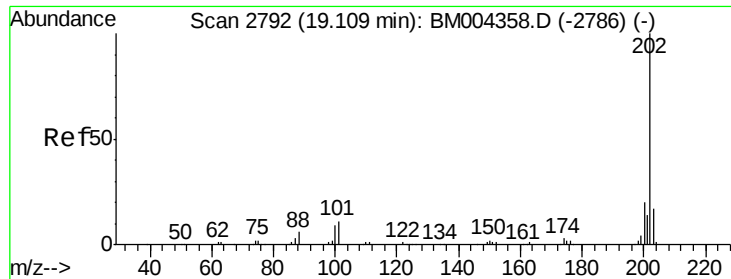
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#70
Phenanthrene
Concen: 4.66 ng/ul
RT: 17.08 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BM004363.D
Acq: 23 Feb 2016 23:10

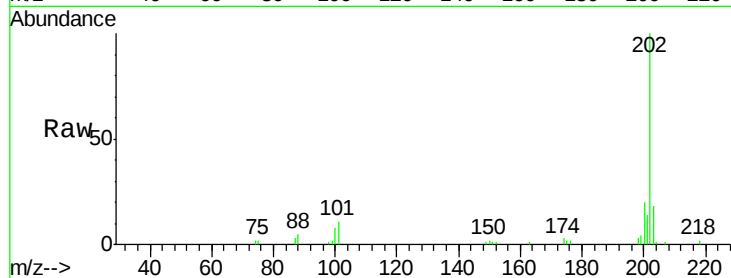
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	32152		
179	15.0		12.2	18.4
176	19.6		15.6	23.4





#77
Fluoranthene
 Concen: 5.31 ng/ul
 RT: 19.11 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM004363.D
 Acq: 23 Feb 2016 23:10

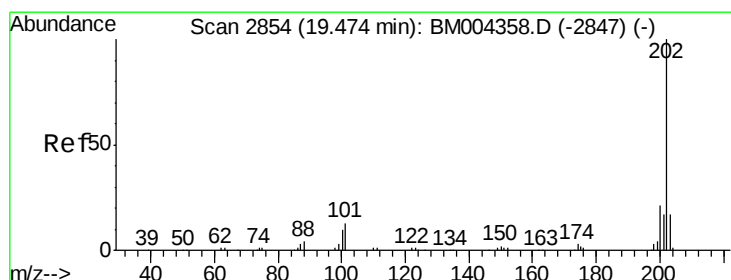
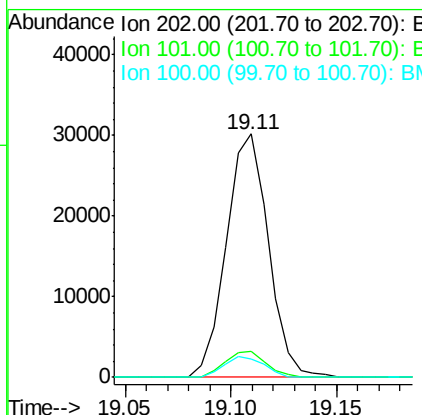
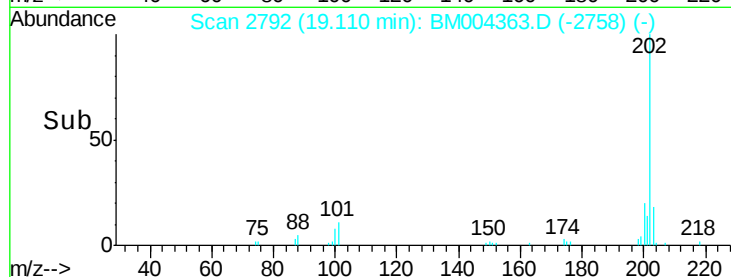
Instrument :
 BNA_M
 ClientSampleId :
 0311-S27-0312



Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	8.8	13.2
100	7.7	6.6	9.8

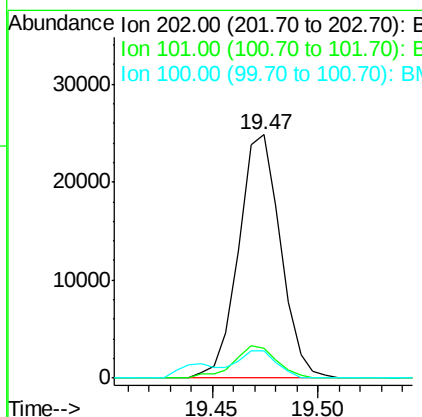
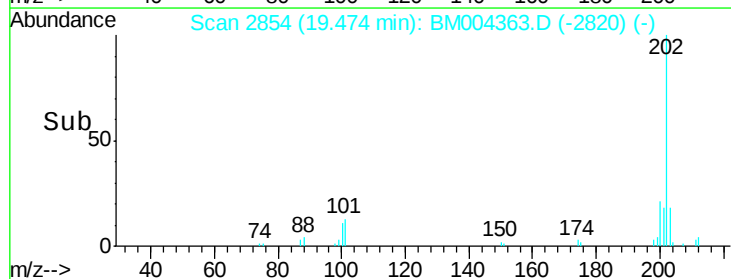
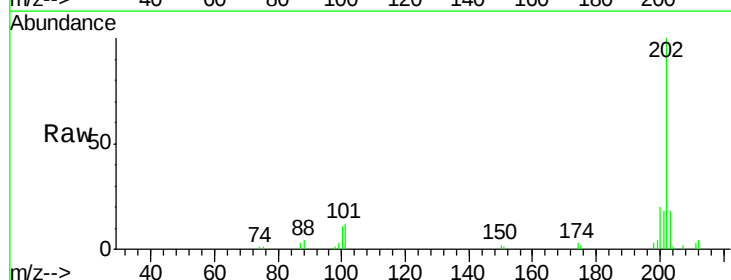
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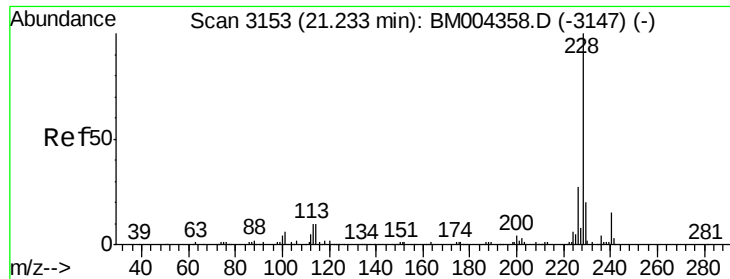
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#80
Pyrene
 Concen: 4.24 ng/ul
 RT: 19.47 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BM004363.D
 Acq: 23 Feb 2016 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	10.2	15.2
100	11.2	8.5	12.7





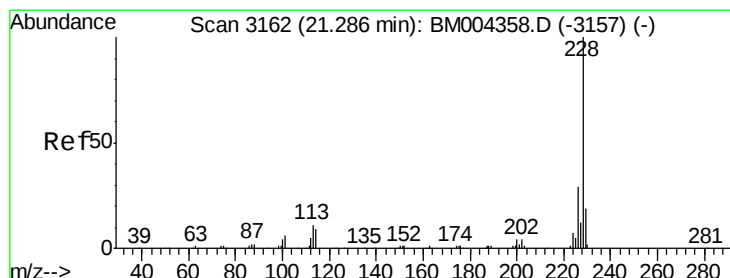
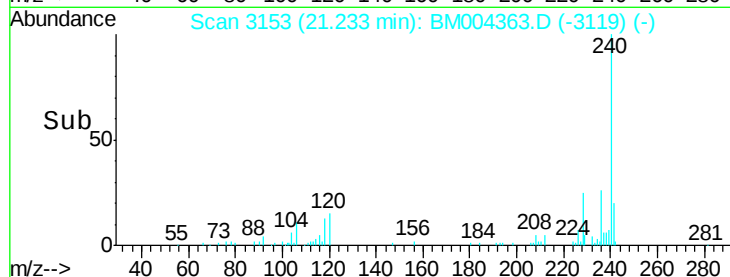
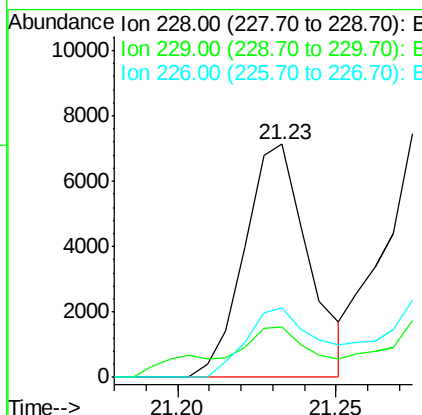
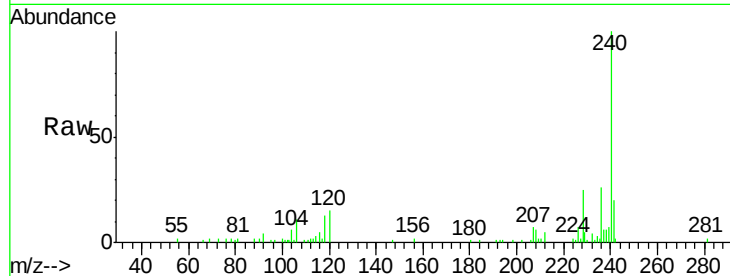
#83
Benzo(a)anthracene
Concen: 1.26 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BM004363.D
Acq: 23 Feb 2016 23:10

Instrument :
BNA_M
ClientSampleId :
0311-S27-0312

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	29.9	21.8	32.6

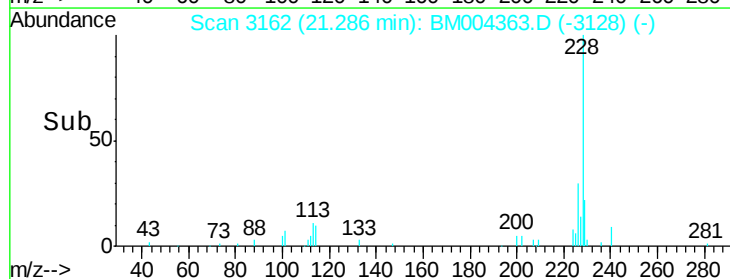
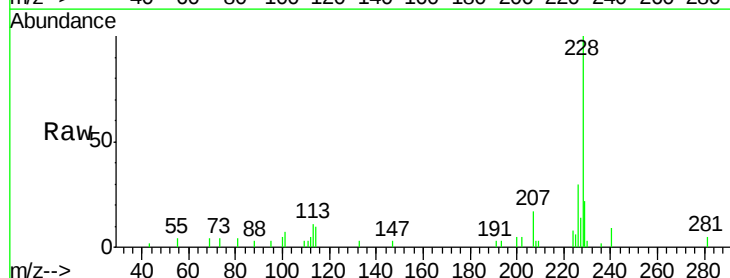
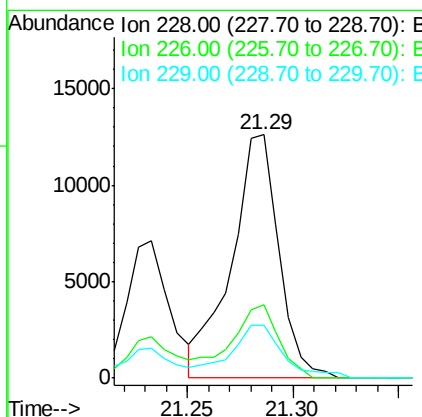
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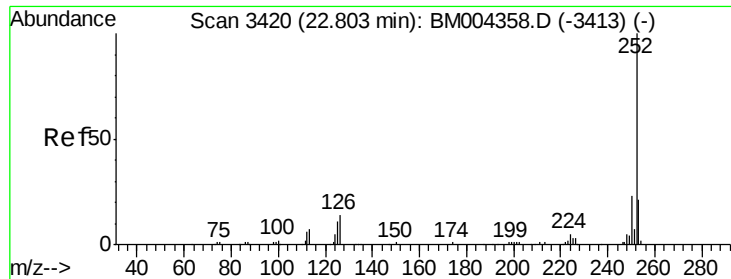
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#85
Chrysene
Concen: 2.58 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BM004363.D
Acq: 23 Feb 2016 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.8	15.6	23.4





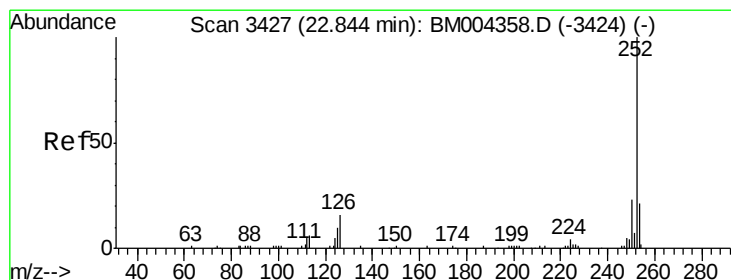
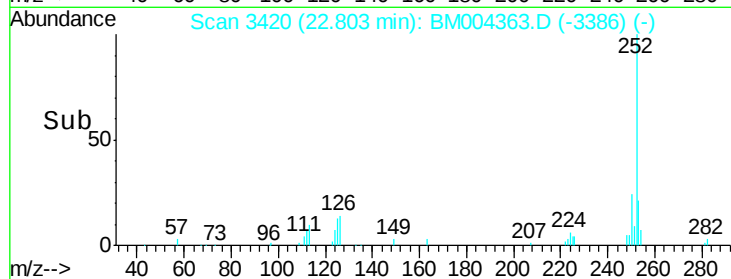
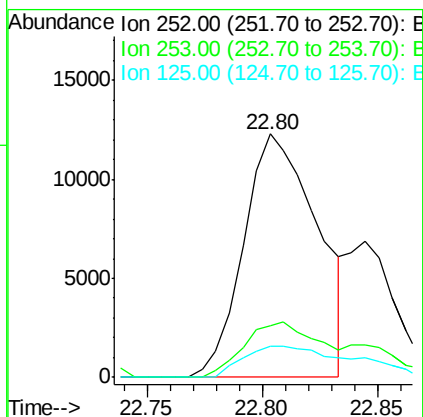
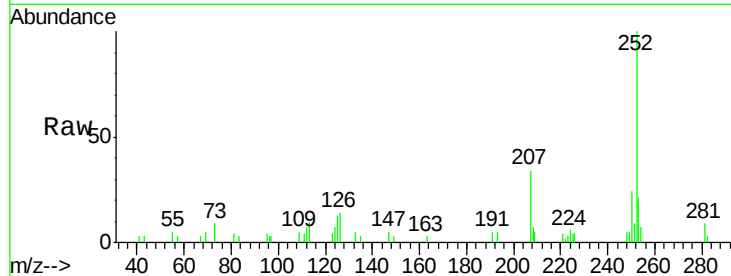
#88
Benzo(b)fluoranthene
Concen: 3.18 ng/u1
RT: 22.80 min Scan# 3420
Delta R.T. 0.00 min
Lab File: BM004363.D
Acq: 23 Feb 2016 23:10

Instrument :
BNA_M
ClientSampleId :
0311-S27-0312

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	12.7	8.5	12.7

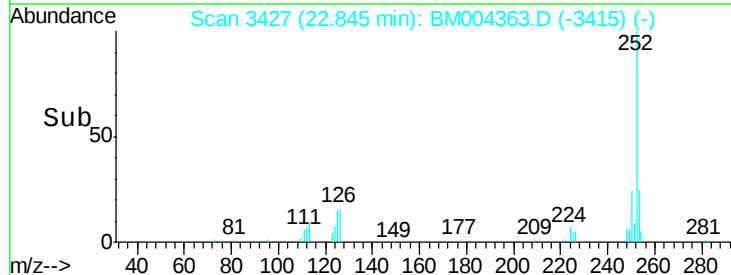
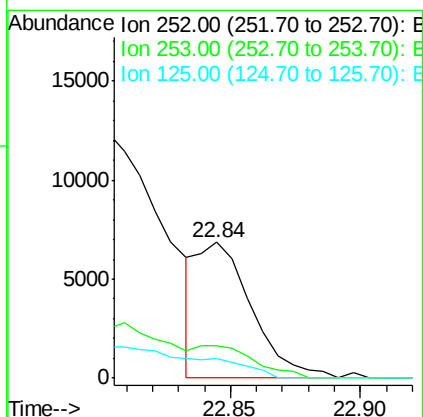
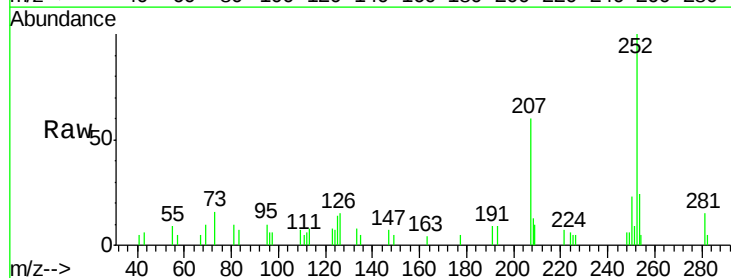
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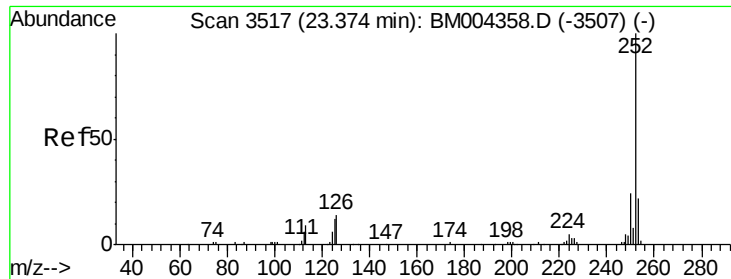
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#89
Benzo(k)fluoranthene
Concen: 1.23 ng/u1 m
RT: 22.84 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM004363.D
Acq: 23 Feb 2016 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	14.3	8.2	12.2#





#91

Benzo(a)pyrene

Concen: 2.12 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM004363.D

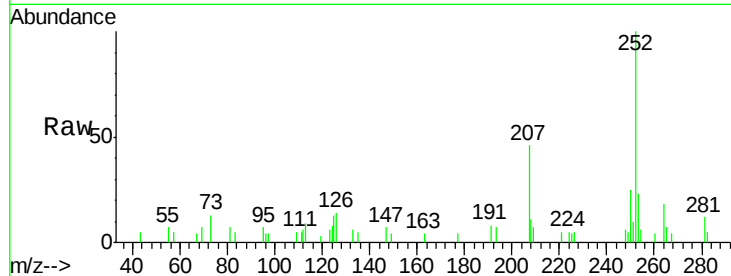
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Instrument :

BNA_M

ClientSampleId :

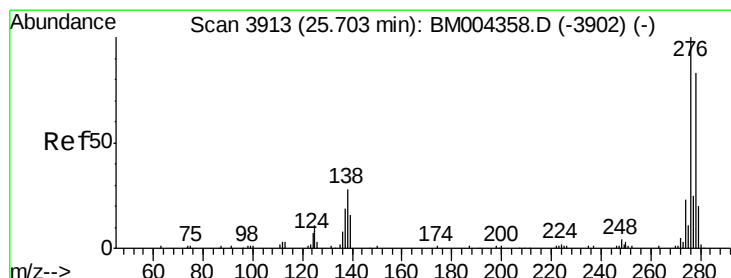
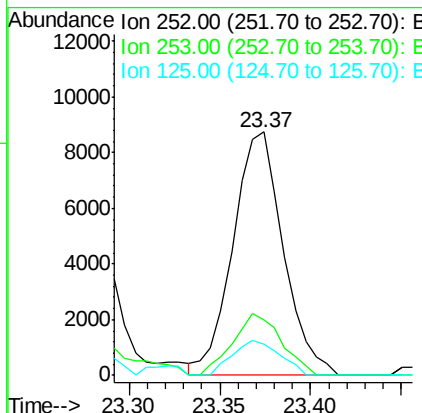
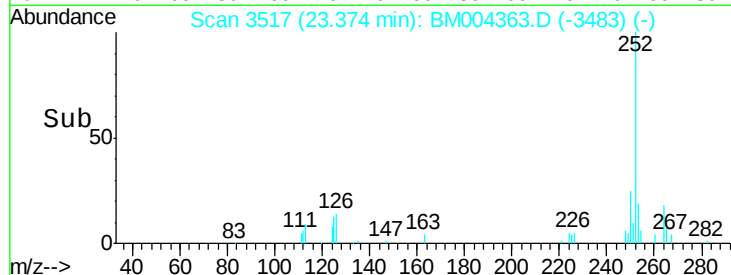
0311-S27-0312



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.9	9.0	13.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.98 ng/ul

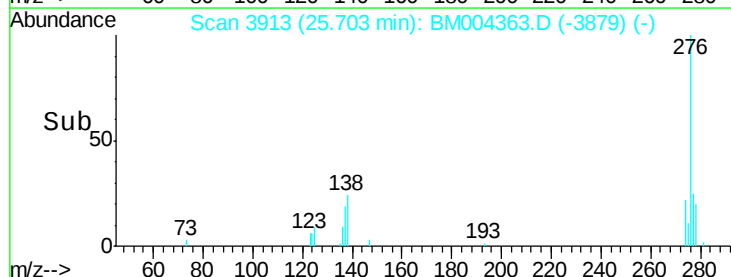
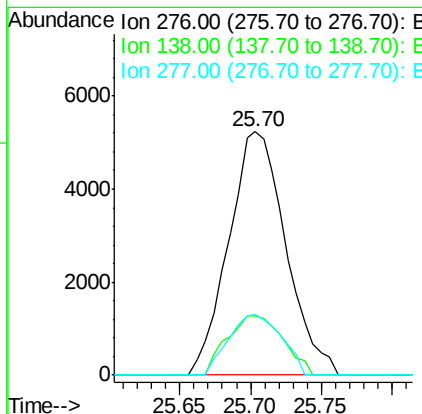
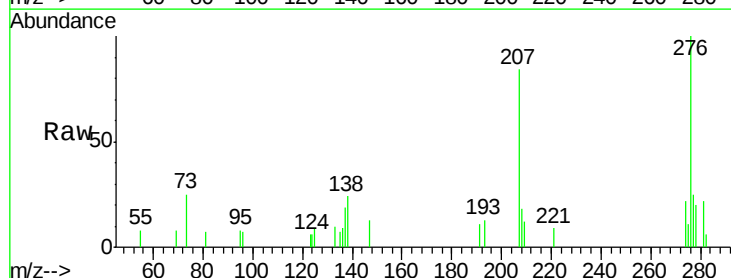
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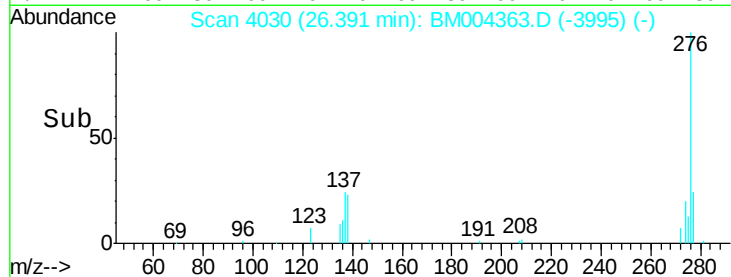
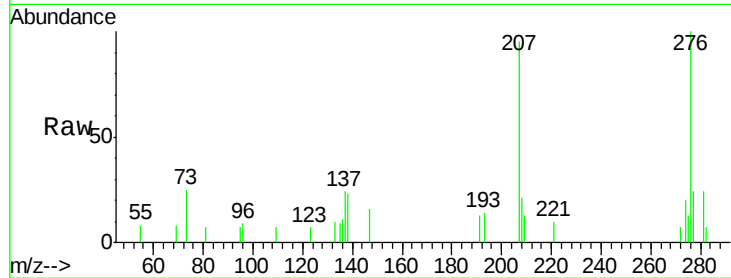
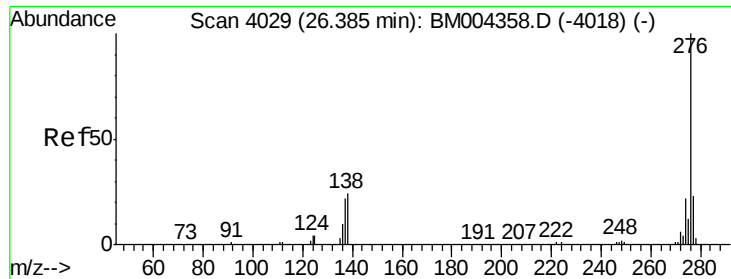
Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.3	33.5
277	24.7	20.2	30.2





#94

Benzo(g,h,i)perylene

Concen: 2.37 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Tgt Ion:	276	Resp:	14572
Ion Ratio	Lower	Upper	
276	100		
138	23.5	18.9	28.3
277	24.4	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

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