

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004544.D
 Acq On : 03 Mar 2016 22:37
 Operator : SJ/UM
 Sample : H1616-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P002-SS001-01

Manual Integrations
 APPROVED

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Quant Time: Mar 04 06:08:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	52347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	147028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	68592	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	128163	20.00	ng/ul	0.01
78) Chrysene-d12	21.23	240	88296	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	16230	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	2128	2.19	ng/uL	0.00
5) Phenol-d5	6.80	99	51246	12.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	26864	12.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	49932	13.28	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	44485	11.97	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	24145	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	28037	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	44579	19.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	42199	15.08	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	104786	18.37	ng/ul	0.06
47) Acenaphthylene-d8	13.97	160	143005	20.73	ng/ul	0.03
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.27	176	101170	20.44	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.42	200	15963	19.18	ng/ul	0.01
71) Anthracene-d10	17.12	188	136897	21.83	ng/ul	0.01
79) Pyrene-d10	19.43	212	128261	27.01	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.31	264	14089	16.32	ng/ul	0.02

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.76	163	41879	6.98	ng/ul	97
59) Fluorene	15.32	166	6744	1.16	ng/ul#	88
70) Phenanthrene	17.06	178	59740	7.78	ng/ul	98
72) Anthracene	17.16	178	17205m	2.20	ng/ul	
77) Fluoranthene	19.10	202	73501	8.89	ng/ul	97
80) Pyrene	19.46	202	67853	10.59	ng/ul	99
83) Benzo(a)anthracene	21.22	228	26428	4.64	ng/ul#	91
85) Chrysene	21.27	228	23338	4.27	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.69	276	22694	22.30	ng/ul#	91
94) Benzo(g,h,i)perylene	26.37	276	21064	24.58	ng/ul#	88

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

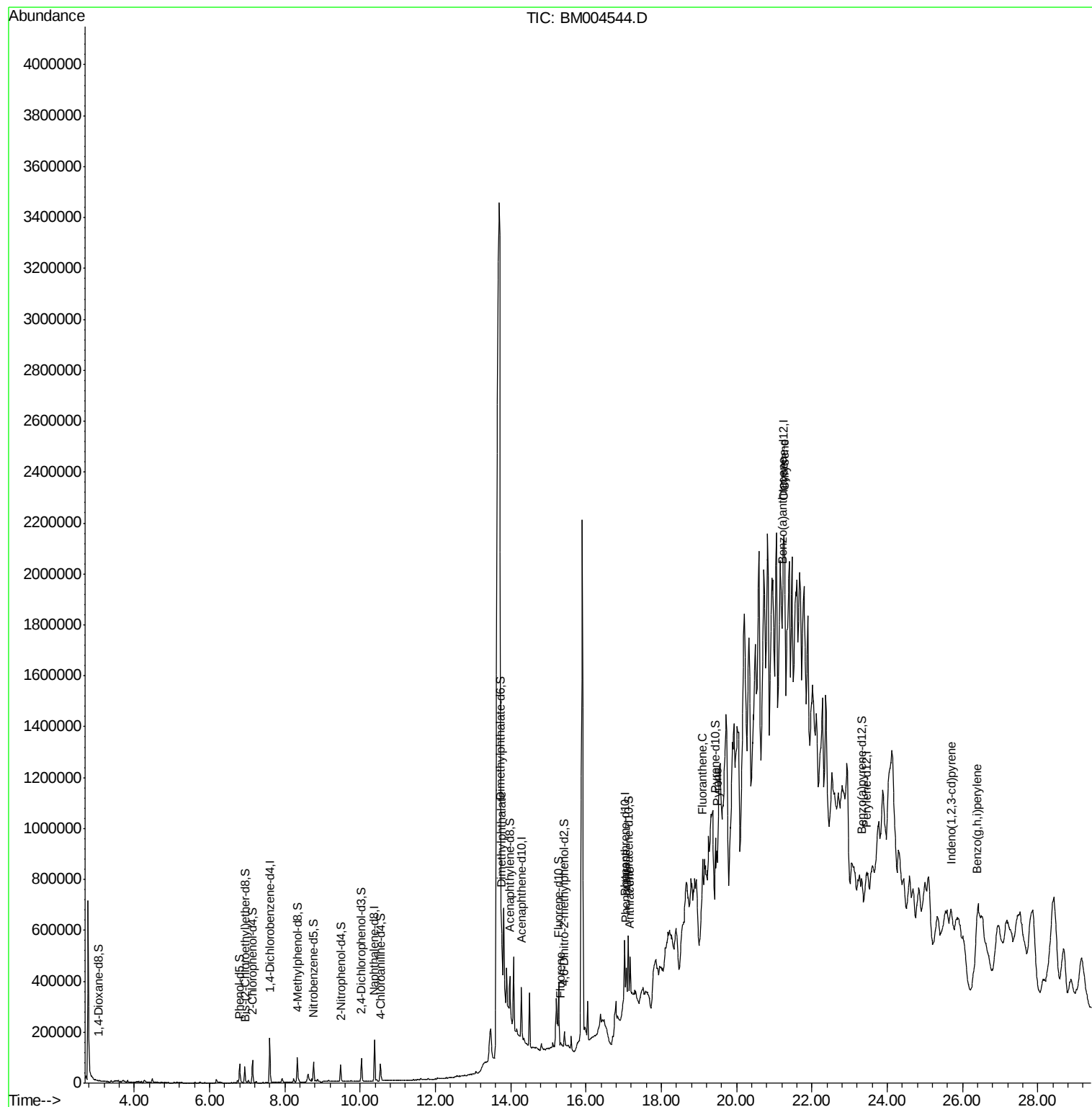
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
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ALS Vial : 21 Sample Multiplier: 1

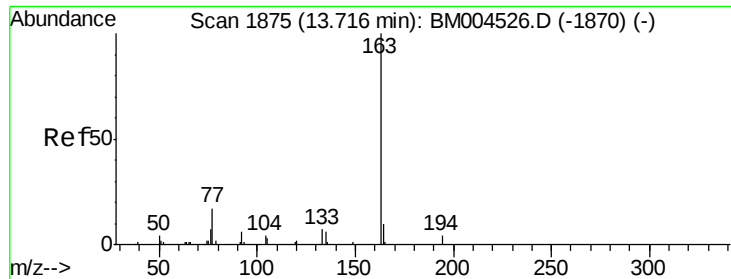
Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

Manual Integrations
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Quant Title : SVOA CALIBRATION
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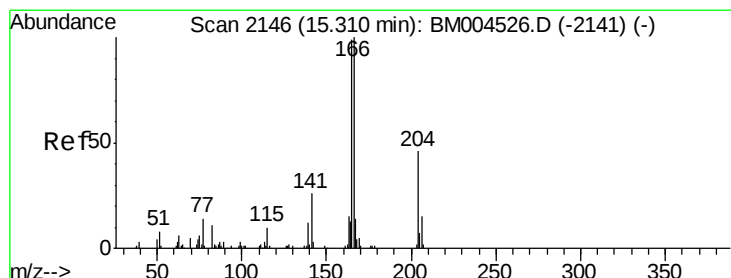
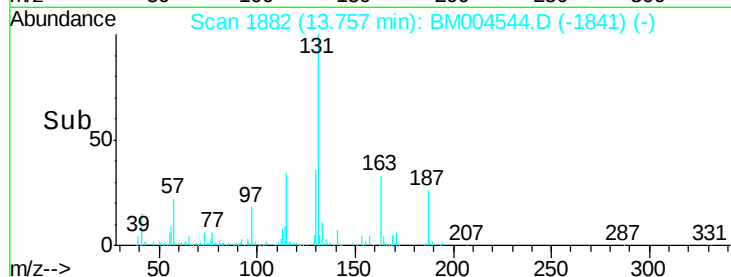
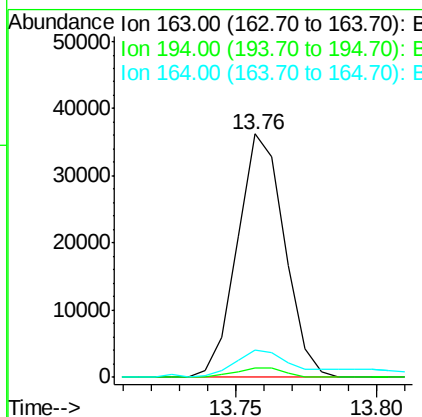
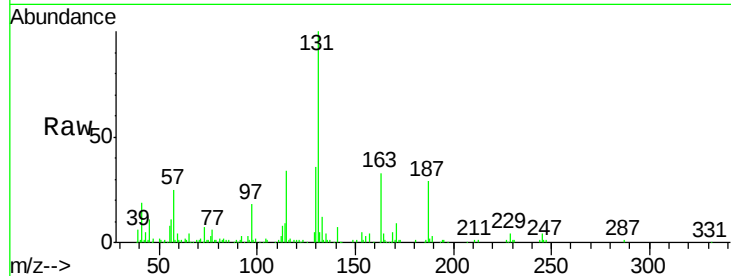
#45
Dimethylphthalate
Concen: 6.98 ng/ul
RT: 13.76 min Scan# 1882
Delta R.T. 0.04 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41879		
194	3.9		3.2	4.8
164	11.2		7.8	11.8

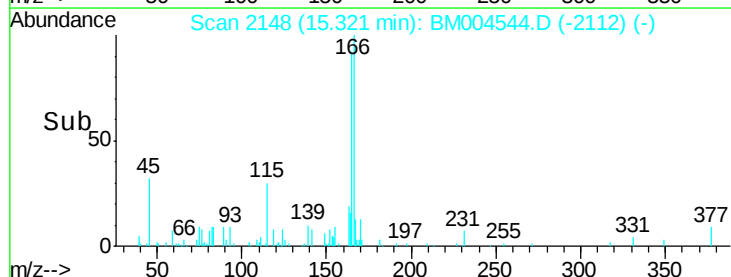
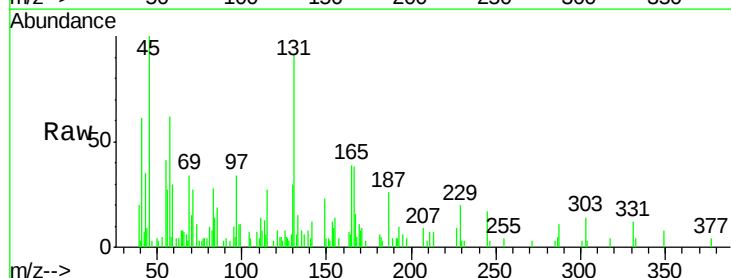
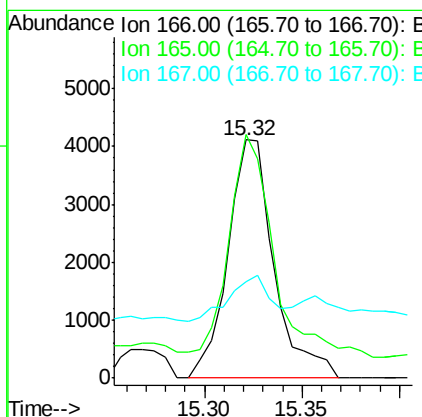
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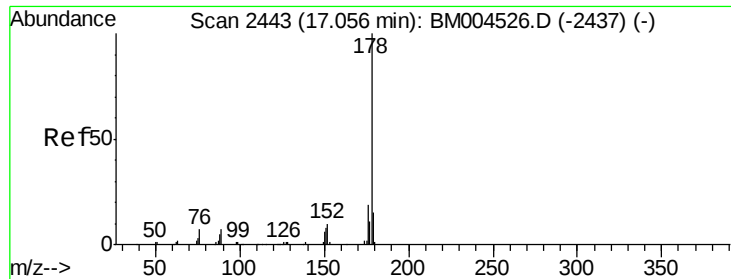
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#59
Fluorene
Concen: 1.16 ng/ul
RT: 15.32 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

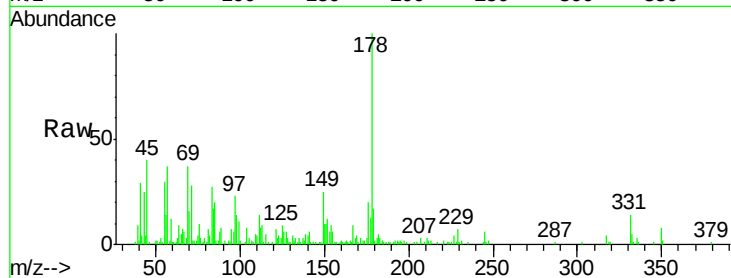
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	6744		
165	102.2		78.5	117.7
167	40.7		10.7	16.1#





#70
Phenanthrene
Concen: 7.78 ng/ul
RT: 17.06 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

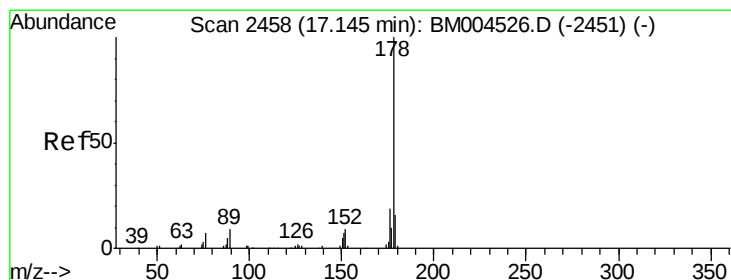
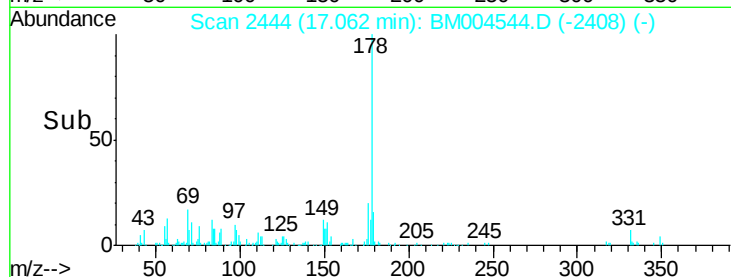
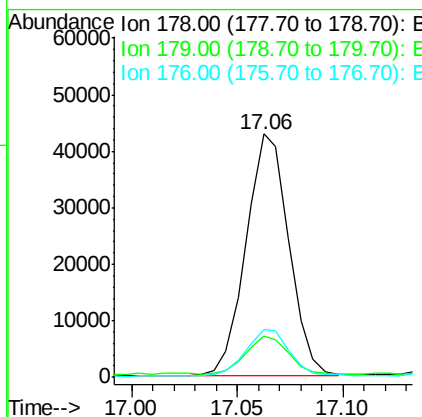
Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01



Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	19.8	15.6	23.4

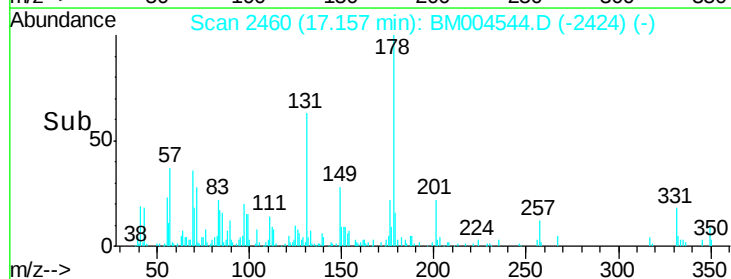
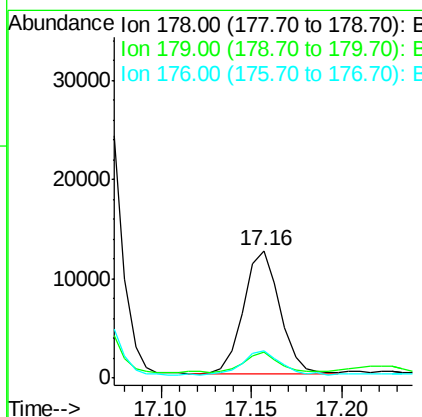
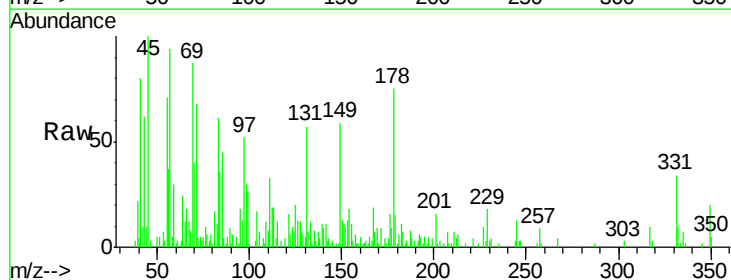
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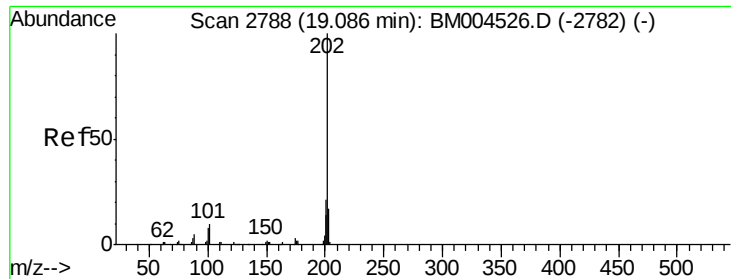
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#72
Anthracene
Concen: 2.20 ng/ul m
RT: 17.16 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.1	18.1#
176	21.3	14.8	22.2





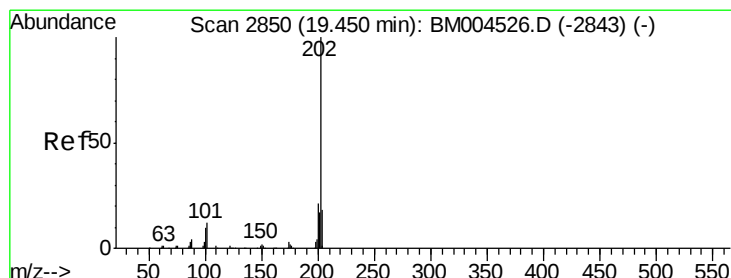
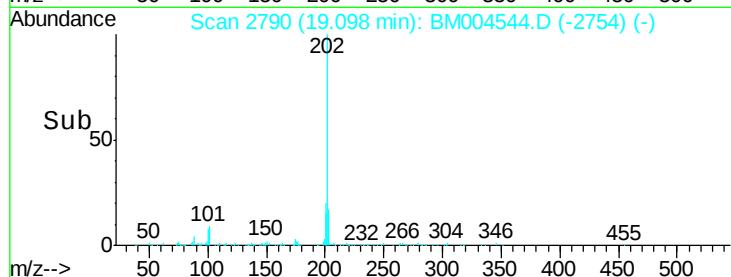
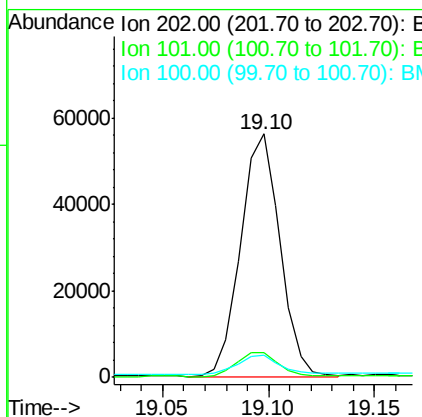
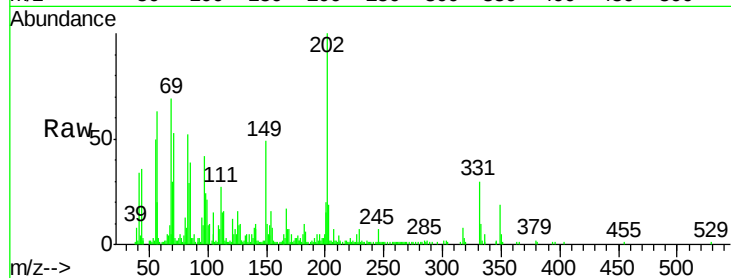
#77
Fluoranthene
Concen: 8.89 ng/ul
RT: 19.10 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	73501		
101	9.9	8.8	13.2	
100	9.2	6.6	9.8	

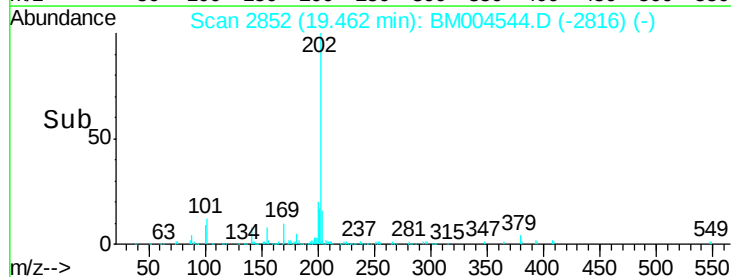
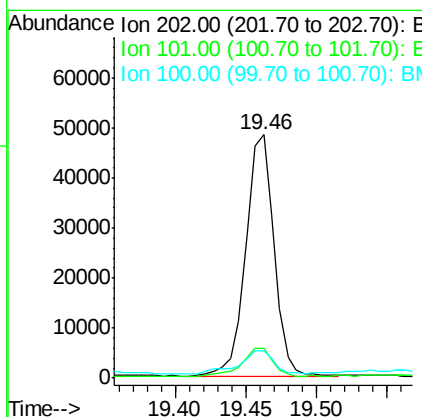
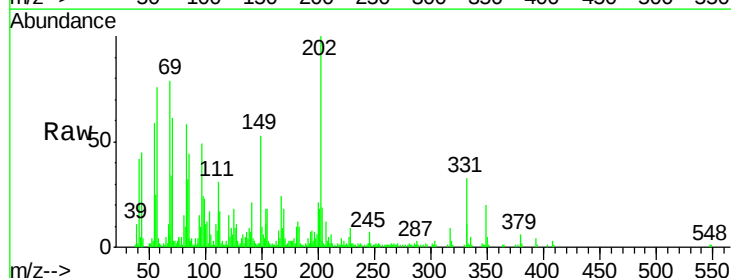
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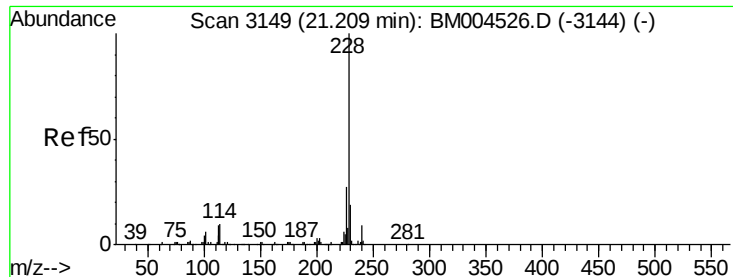
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#80
Pyrene
Concen: 10.59 ng/ul
RT: 19.46 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	67853		
101	12.4	10.2	15.2	
100	11.4	8.5	12.7	





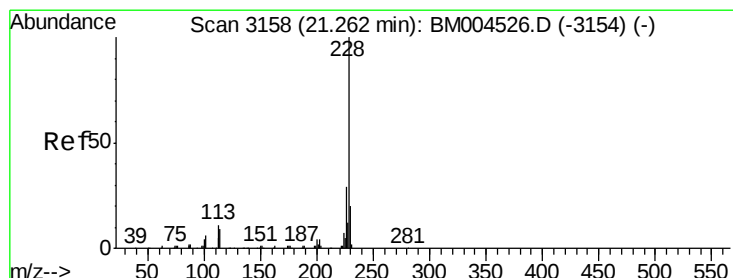
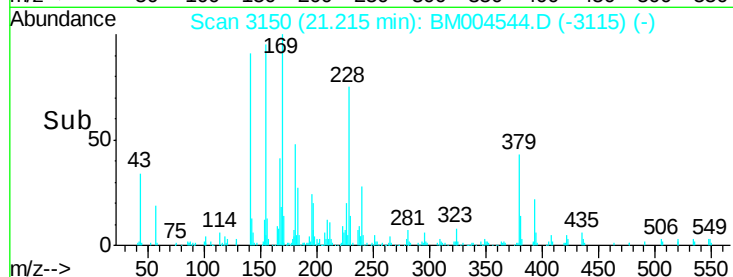
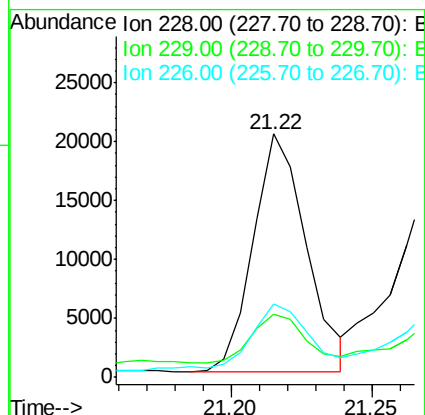
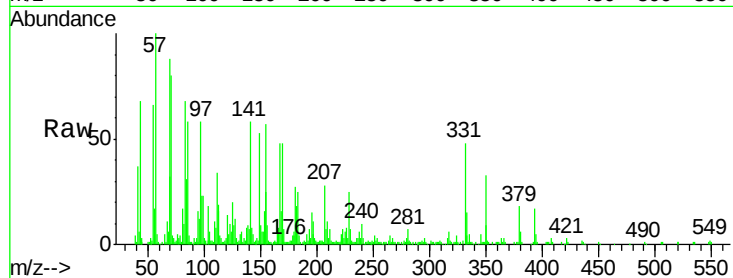
#83
Benzo(a)anthracene
Concen: 4.64 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.1	15.7	23.5#
226	30.1	21.8	32.6

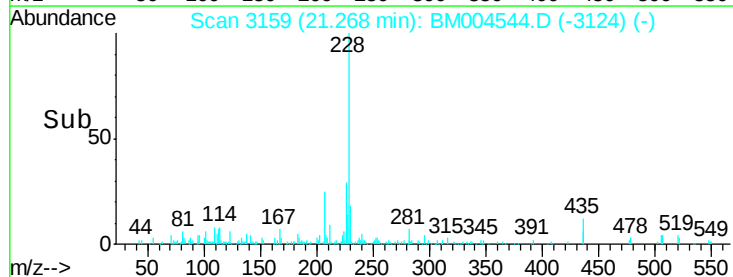
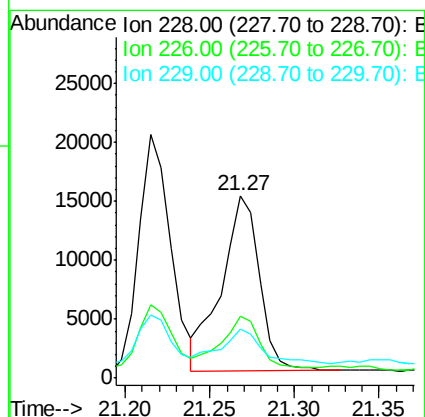
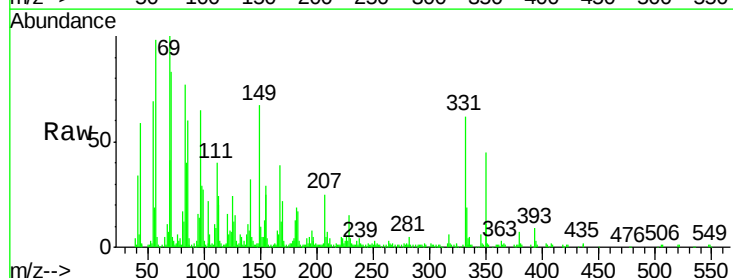
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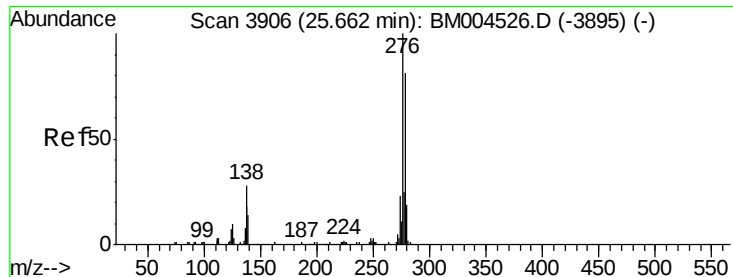
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#85
Chrysene
Concen: 4.27 ng/ul
RT: 21.27 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.0	36.0
229	27.2	15.6	23.4#





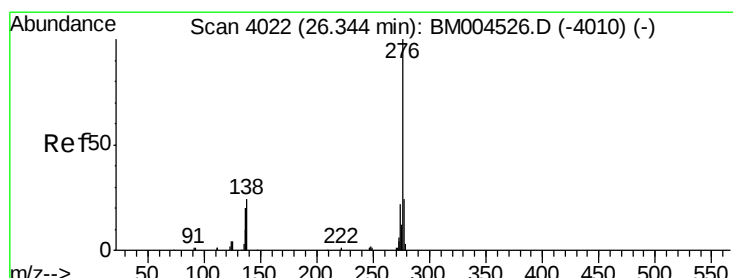
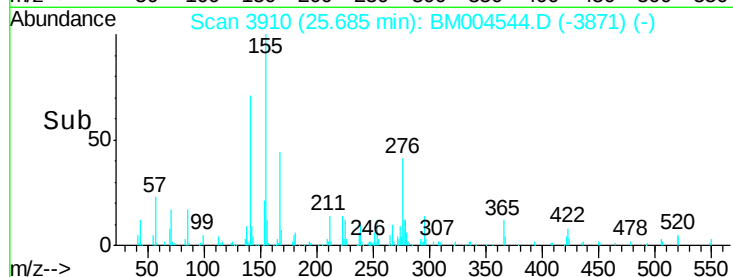
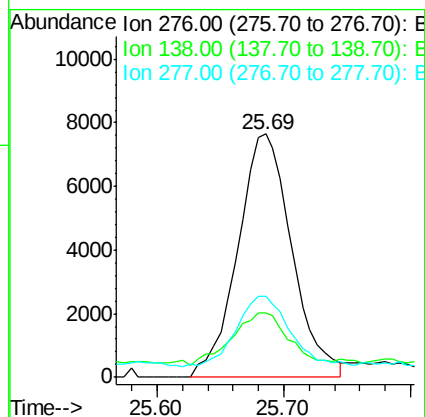
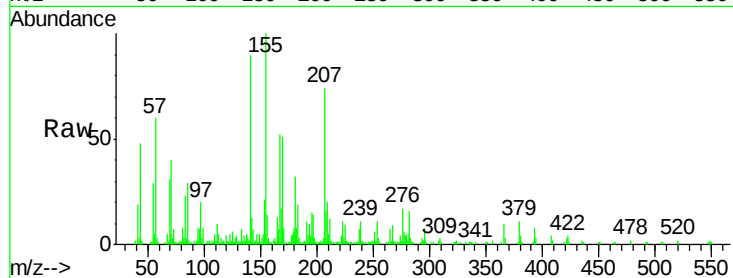
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 22.30 ng/ul
 RT: 25.69 min Scan# 3910
 Delta R.T. 0.03 min
 Lab File: BM004544.D
 Acq: 03 Mar 2016 22:37

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 BLDG06-P002-SS001-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.3	33.5
277	33.1	20.2	30.2

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 24.58 ng/ul
 RT: 26.37 min Scan# 4026
 Delta R.T. 0.02 min
 Lab File: BM004544.D
 Acq: 03 Mar 2016 22:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.9	28.3
277	33.5	19.2	28.8

