

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004549.D
 Acq On : 04 Mar 2016 01:37
 Operator : SJ/UM
 Sample : H1616-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS003-01

Manual Integrations
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Quant Time: Mar 04 06:41:45 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	7.59	152	38700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	188169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	111008	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	219289	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	153302	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	150542	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2123	2.95	ng/uL	0.00
5) Phenol-d5	6.85	99	60032	19.25	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	28998	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	55622	20.01	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	51515	18.74	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	29072	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	33898	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	59410	20.40	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	50664	14.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	191866	20.78	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	236293	21.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	14766m	10.84	ng/ul	0.15
58) Fluorene-d10	15.26	176	165733	20.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	23050	16.19	ng/ul	0.00
71) Anthracene-d10	17.12	188	226651	21.12	ng/ul	0.00
79) Pyrene-d10	19.42	212	197709	23.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	167128	20.87	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.43	128	30625	2.96	ng/ul	99
45) Dimethylphthalate	13.72	163	73773	7.60	ng/ul	99
70) Phenanthrene	17.06	178	31155	2.37	ng/ul	97
77) Fluoranthene	19.09	202	47408	3.35	ng/ul	99
80) Pyrene	19.45	202	50832	4.57	ng/ul	99
83) Benzo(a)anthracene	21.21	228	22157	2.24	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.13	149	31911	5.15	ng/ul#	96
85) Chrysene	21.26	228	23823	2.51	ng/ul#	90
88) Benzo(b)fluoranthene	22.78	252	28962	2.89	ng/ul#	90
91) Benzo(a)pyrene	23.34	252	24792	2.62	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.67	276	18454	1.95	ng/ul	94
94) Benzo(g,h,i)perylene	26.36	276	21871	2.75	ng/ul	95

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

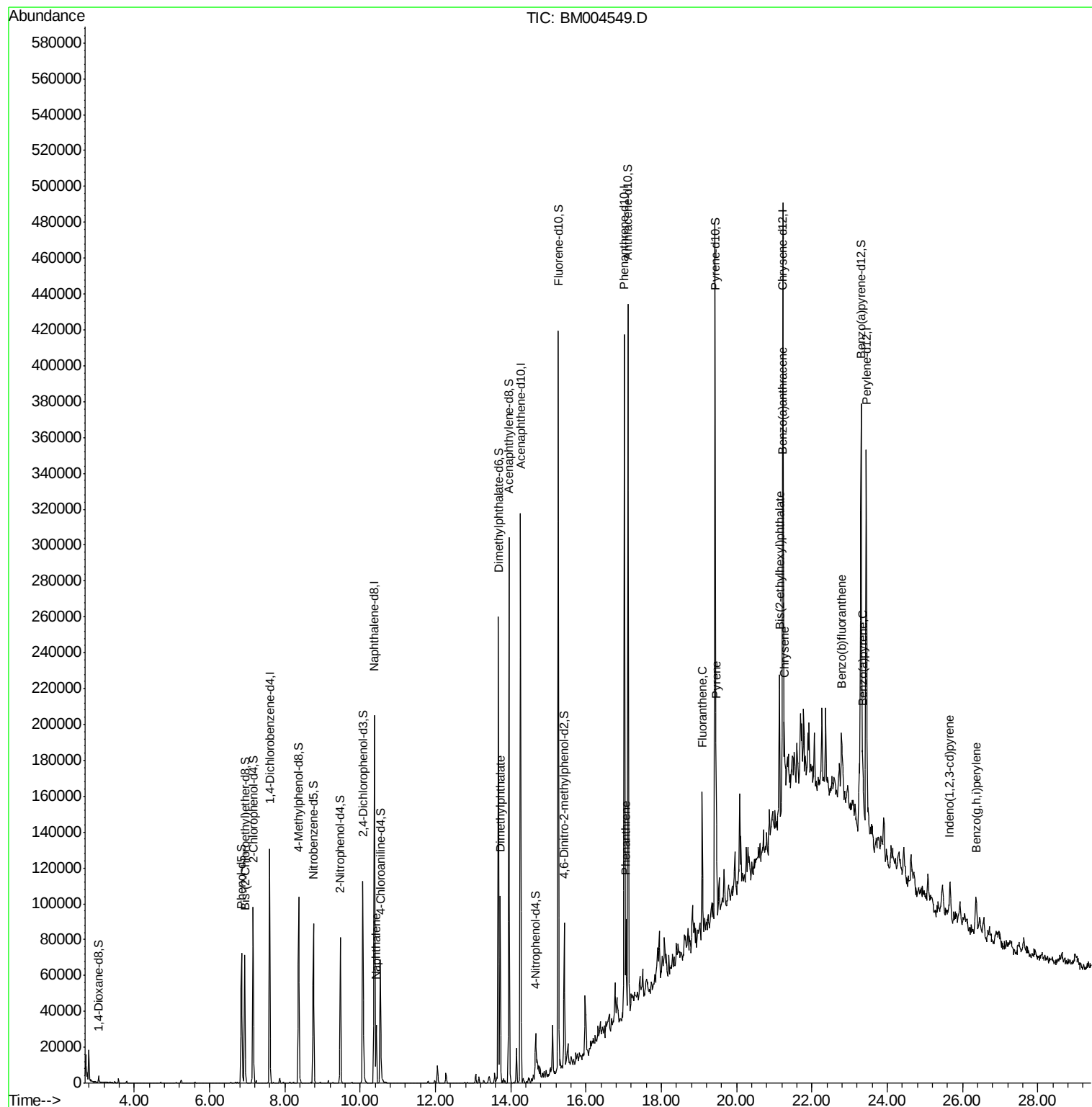
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004549.D
Acq On : 04 Mar 2016 01:37
Operator : SJ/UM
Sample : H1616-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

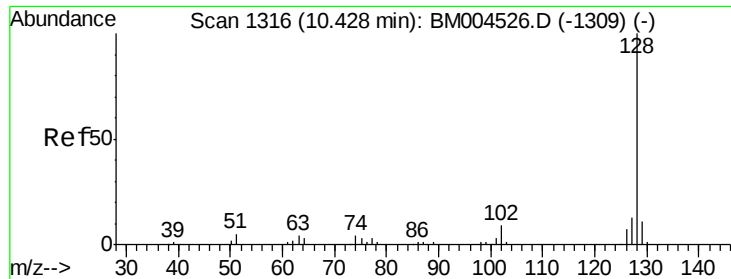
Instrument :
BNA_M
ClientSampleId :
P009-SS003-01

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Quant Title : SVOA CALIBRATION
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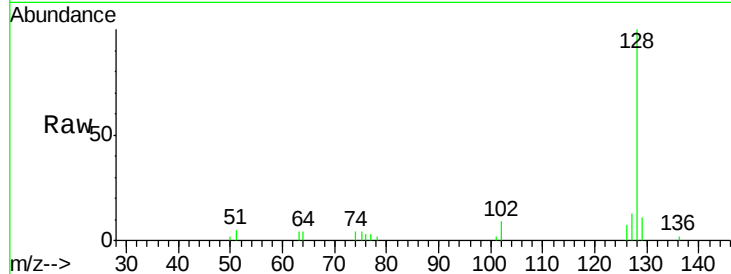
#28
Naphthalene
Concen: 2.96 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004549.D
Acq: 04 Mar 2016 01:37

Instrument :
BNA_M
ClientSampleId :
P009-SS003-01

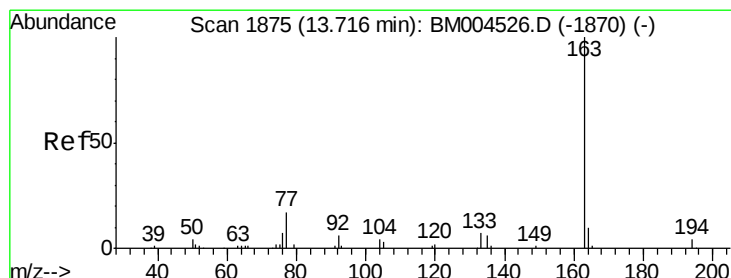
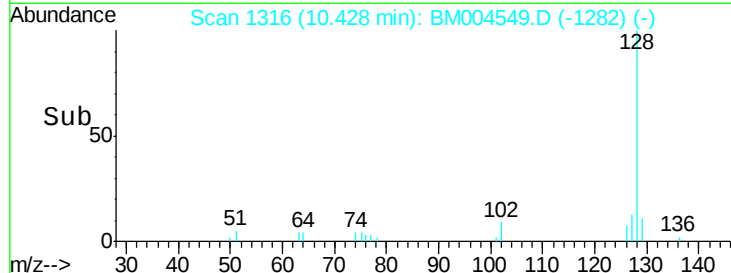
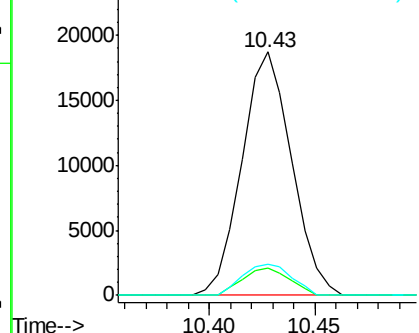
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	30625		
129	11.0		8.8	13.2
127	12.7		10.5	15.7

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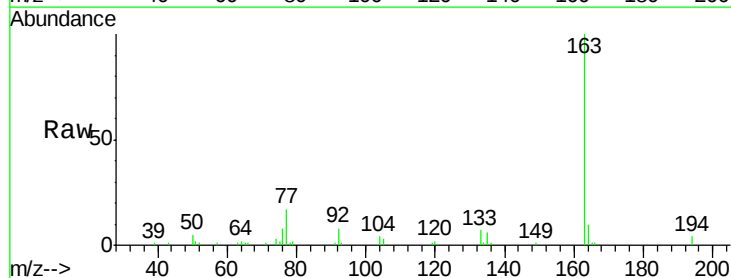


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

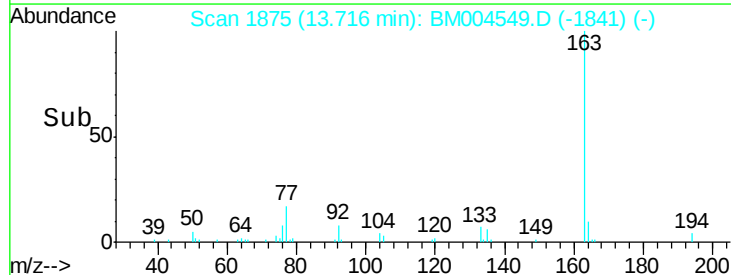
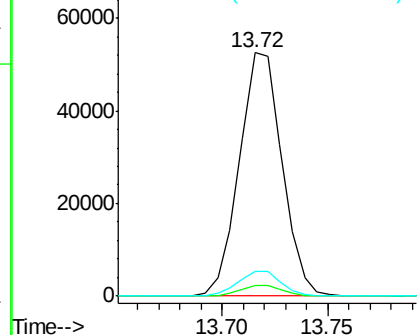


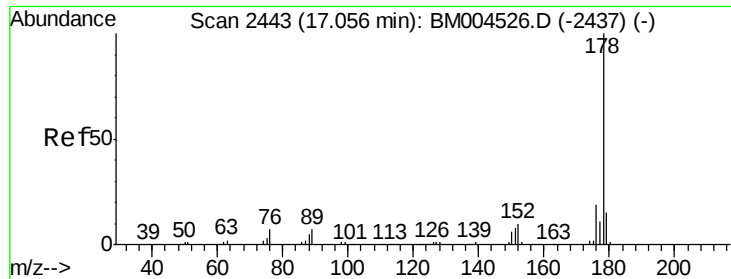
#45
Dimethylphthalate
Concen: 7.60 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM004549.D
Acq: 04 Mar 2016 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	73773		
194	4.2		3.2	4.8
164	10.1		7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





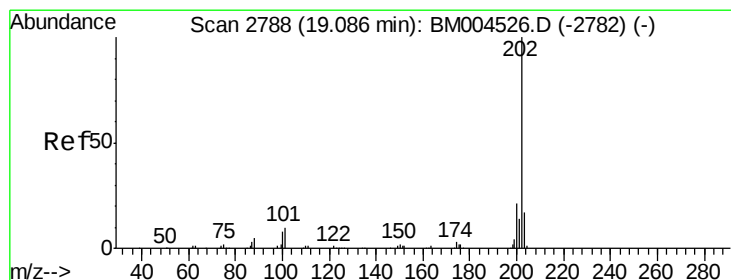
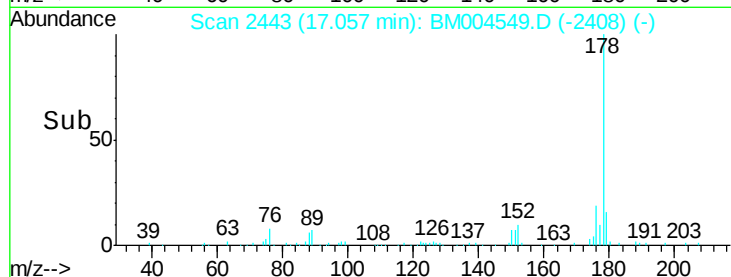
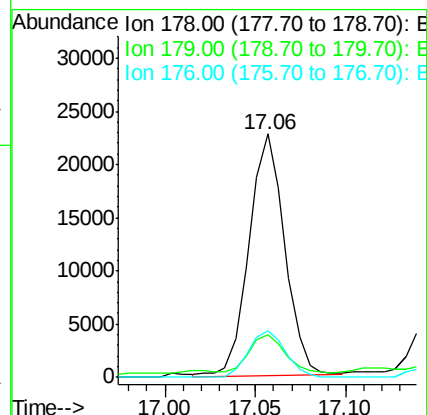
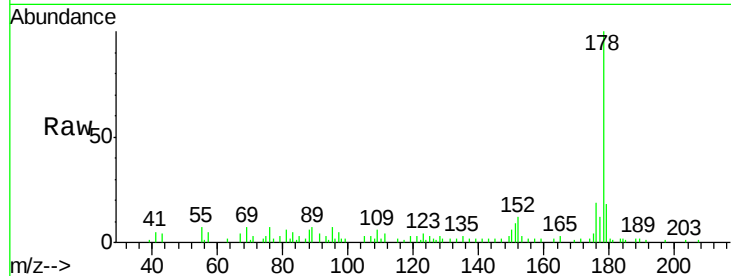
#70
Phenanthrene
Concen: 2.37 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004549.D
Acq: 04 Mar 2016 01:37

Instrument :
BNA_M
ClientSampleId :
P009-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	31155		
179	17.6	12.2	18.4	
176	18.9	15.6	23.4	

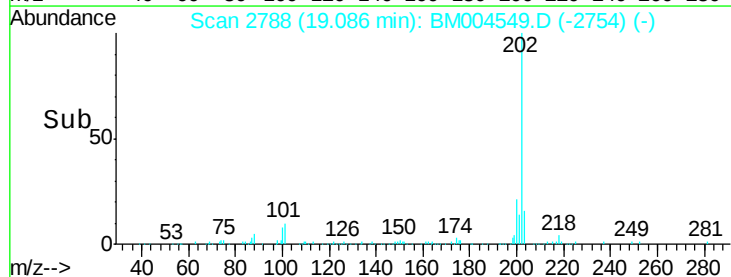
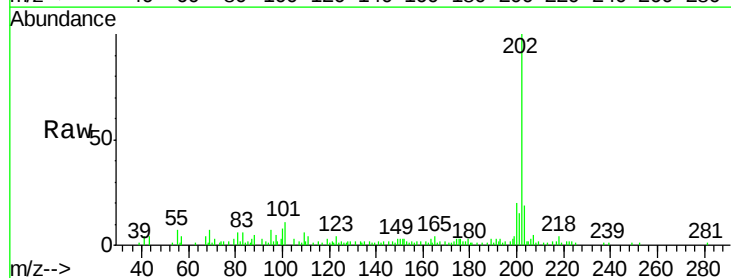
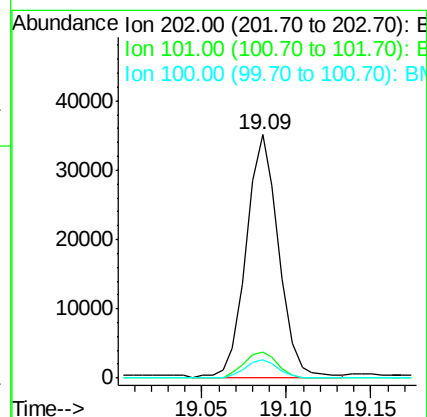
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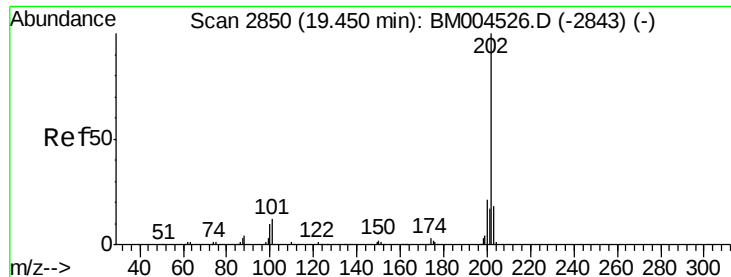
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#77
Fluoranthene
Concen: 3.35 ng/ul
RT: 19.09 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BM004549.D
Acq: 04 Mar 2016 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	47408		
101	10.7	8.8	13.2	
100	7.7	6.6	9.8	





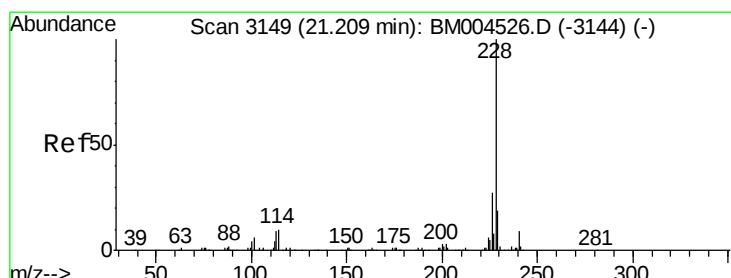
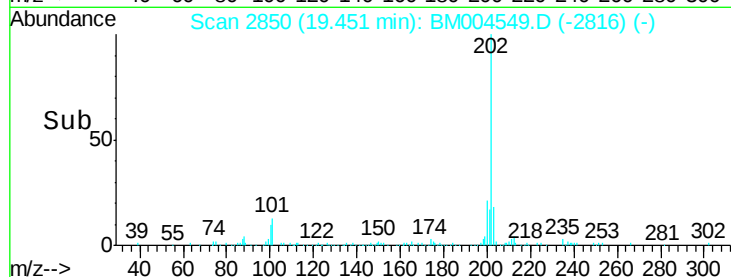
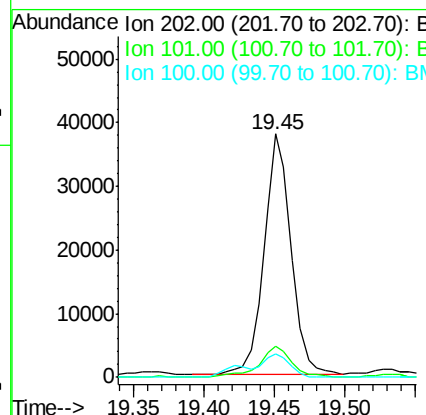
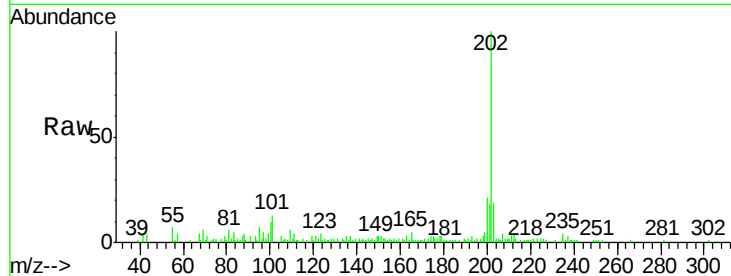
#80
 Pyrene
 Concen: 4.57 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BM004549.D
 Acq: 04 Mar 2016 01:37

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS003-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	10.2	15.2
100	9.8	8.5	12.7

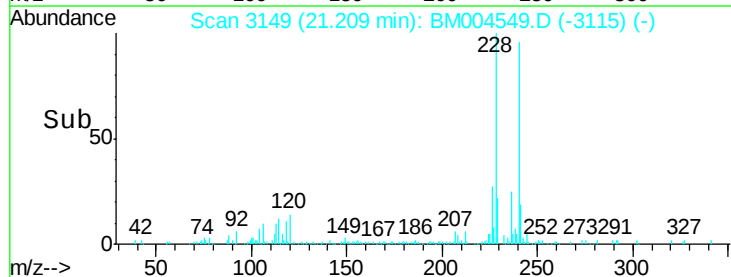
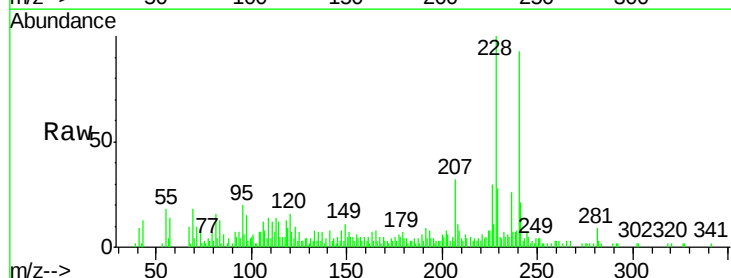
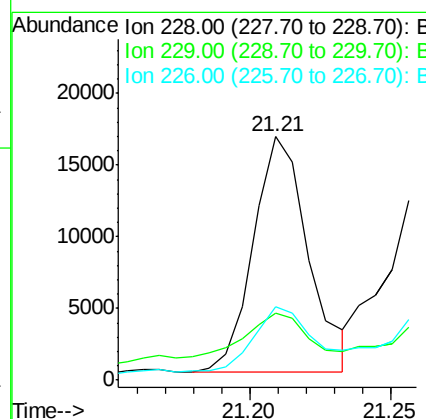
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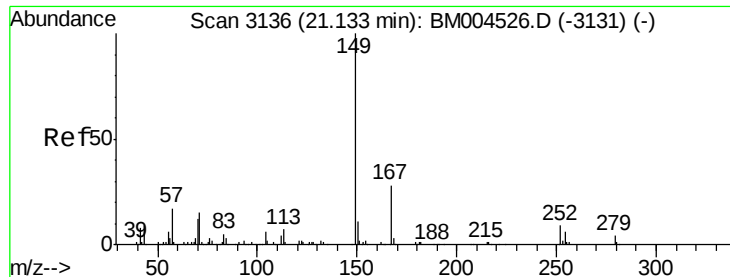
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#83
 Benzo(a)anthracene
 Concen: 2.24 ng/ul
 RT: 21.21 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BM004549.D
 Acq: 04 Mar 2016 01:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	27.6	15.7	23.5#
226	29.9	21.8	32.6





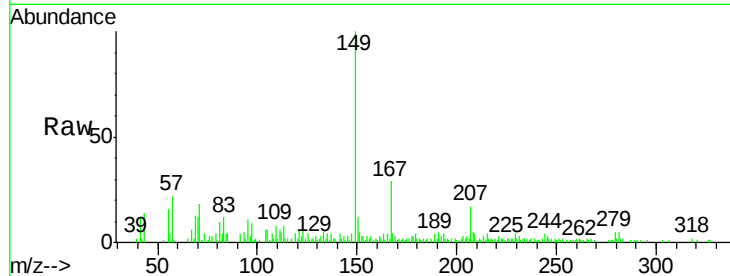
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.15 ng/ul
 RT: 21.13 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BM004549.D
 Acq: 04 Mar 2016 01:37

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS003-01

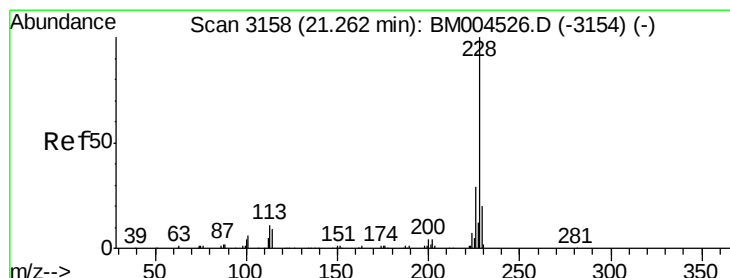
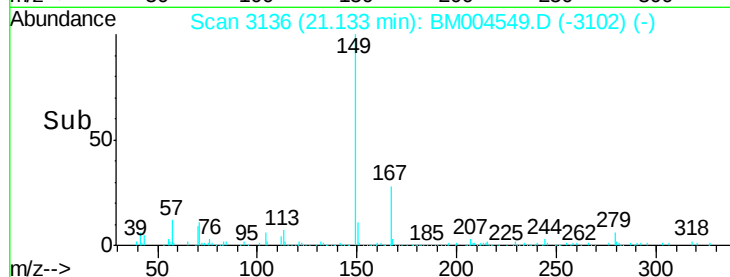
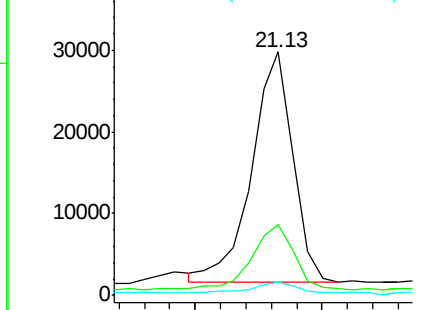
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	31911		
167	29.2	21.6	32.4	
279	5.3	3.0	4.4#	

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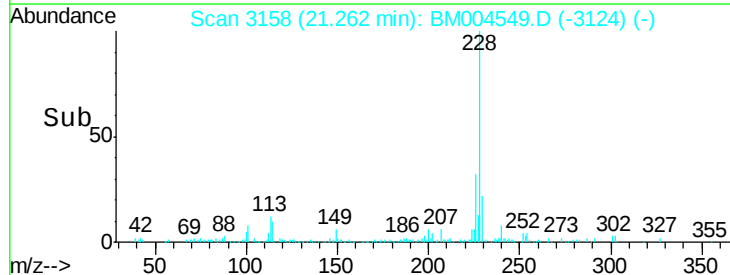
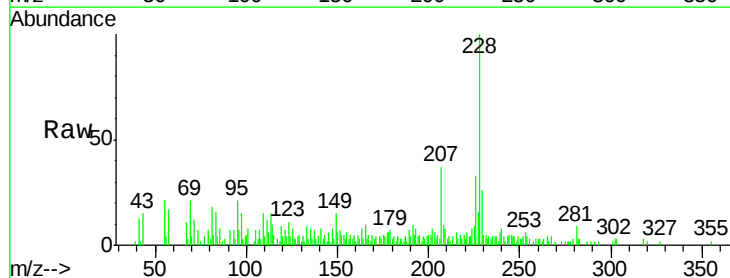
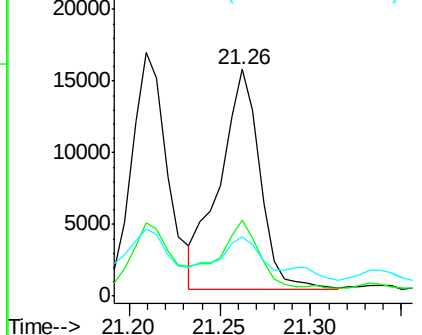
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 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

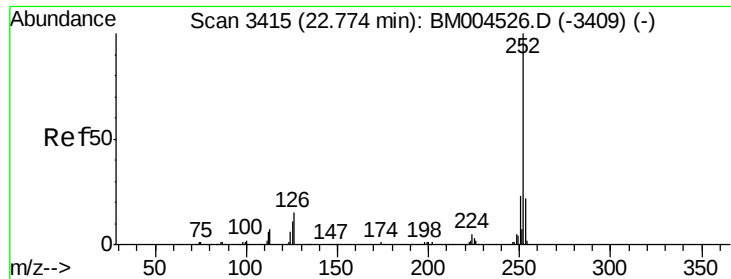


#85
 Chrysene
 Concen: 2.51 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BM004549.D
 Acq: 04 Mar 2016 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	23823		
226	33.4	24.0	36.0	
229	26.1	15.6	23.4#	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





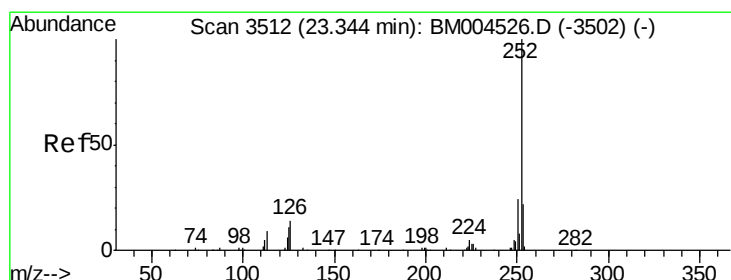
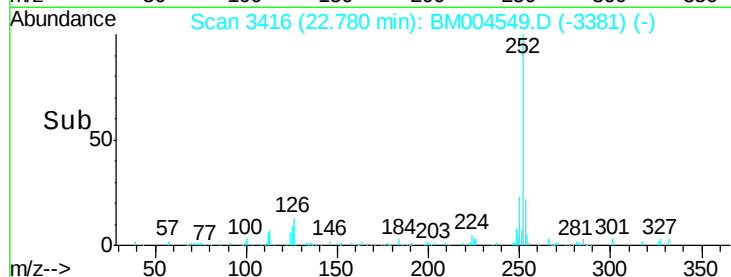
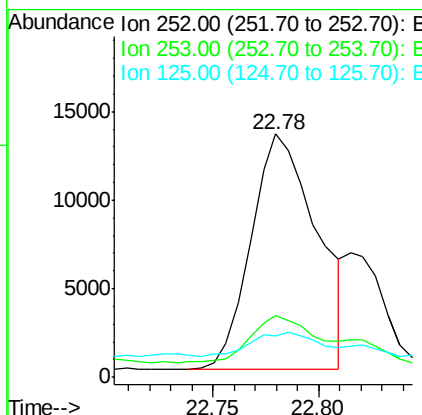
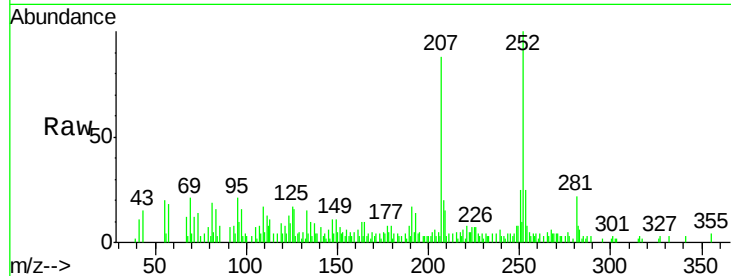
#88
Benzo(b)fluoranthene
Concen: 2.89 ng/ul
RT: 22.78 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BM004549.D
Acq: 04 Mar 2016 01:37

Instrument :
BNA_M
ClientSampleId :
P009-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28962		
253	25.4	17.5	26.3	
125	17.0	8.5	12.7	

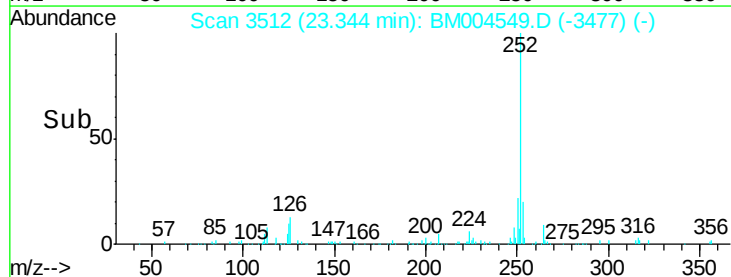
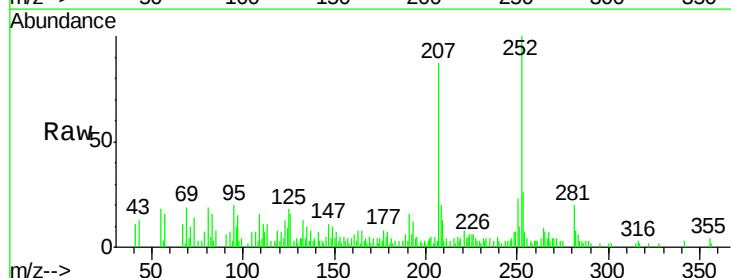
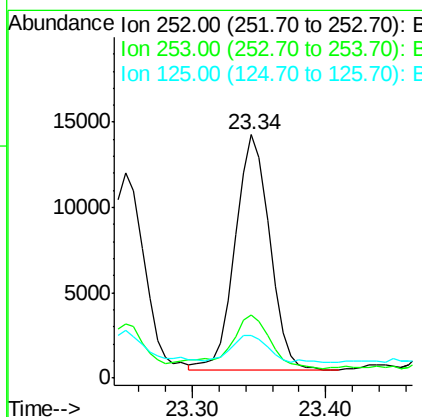
Manual Integrations
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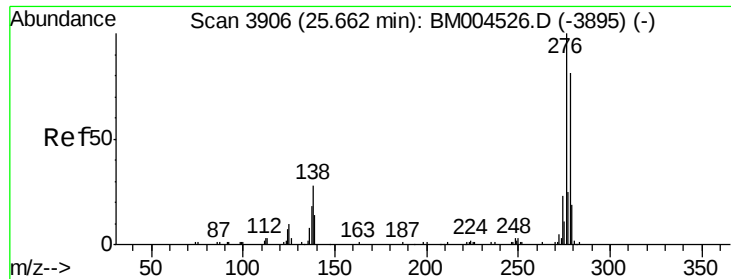
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#91
Benzo(a)pyrene
Concen: 2.62 ng/ul
RT: 23.34 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BM004549.D
Acq: 04 Mar 2016 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	24792		
253	26.2	17.2	25.8	
125	17.7	9.0	13.6	





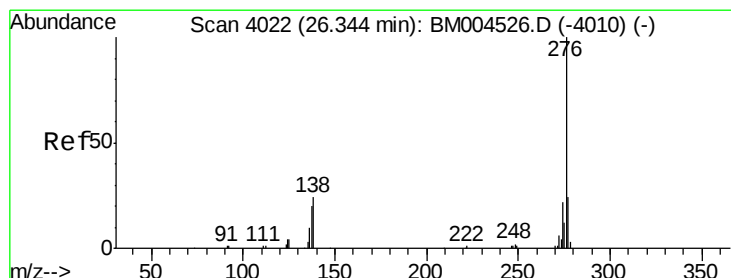
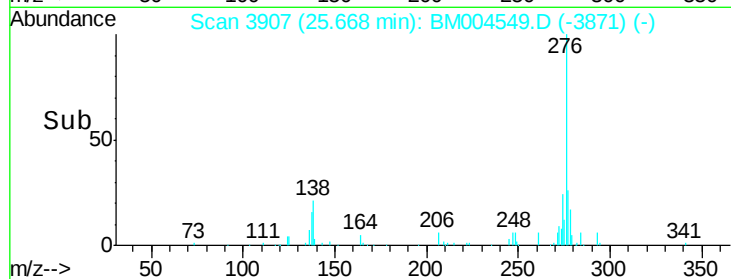
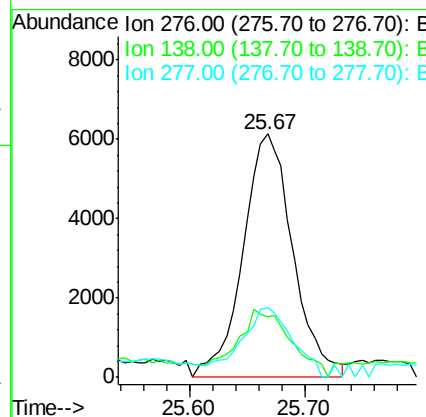
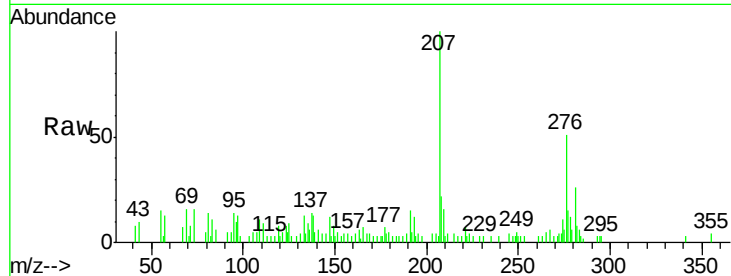
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.95 ng/ul
 RT: 25.67 min Scan# 3907
 Delta R.T. 0.01 min
 Lab File: BM004549.D
 Acq: 04 Mar 2016 01:37

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS003-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.1	22.3	33.5
277	28.8	20.2	30.2

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 2.75 ng/ul
 RT: 26.36 min Scan# 4025
 Delta R.T. 0.02 min
 Lab File: BM004549.D
 Acq: 04 Mar 2016 01:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.0	18.9	28.3
277	25.3	19.2	28.8

