

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009719.D
 Acq On : 26 Apr 2017 14:36
 Operator : SJ/MA
 Sample : I2836-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF002-02

Manual Integrations
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mohammad
 4/27/2017 3:19:04 PM

Quant Time: Apr 26 16:18:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 16:06:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	127819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	563739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	351762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	887779	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1283685	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1208341	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9421	3.39	ng/uL	0.00
5) Phenol-d5	6.99	99	224013	16.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	169505	17.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	153998	17.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	178023	16.45	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	82973	18.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	86591	17.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	161857	16.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	191366	16.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	570980	18.66	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	692032	18.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	89604	15.18	ng/ul	0.00
57) Fluorene-d10	15.46	176	523485	18.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	87046	13.90	ng/ul	0.00
70) Anthracene-d10	17.32	188	859597	18.86	ng/ul	0.00
76) Pyrene-d10	19.62	212	1046294	18.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1070953	18.22	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.93	163	118970	3.93	ng/ul#	99
69) Phenanthrene	17.26	178	271004	5.31	ng/ul	96
74) Fluoranthene	19.28	202	956906	14.87	ng/ul#	92
77) Pyrene	19.64	202	846363	11.67	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	575368	7.56	ng/ul	98
82) Chrysene	21.44	228	489444	7.14	ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	732422	9.33	ng/ul#	94
86) Benzo(k)fluoranthene	23.06	252	250448m	3.48	ng/ul	
88) Benzo(a)pyrene	23.61	252	491084	6.73	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	315611	3.99	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.07	278	81431	1.21	ng/ul#	98
91) Benzo(g,h,i)perylene	26.79	276	238398	3.75	ng/ul#	90

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

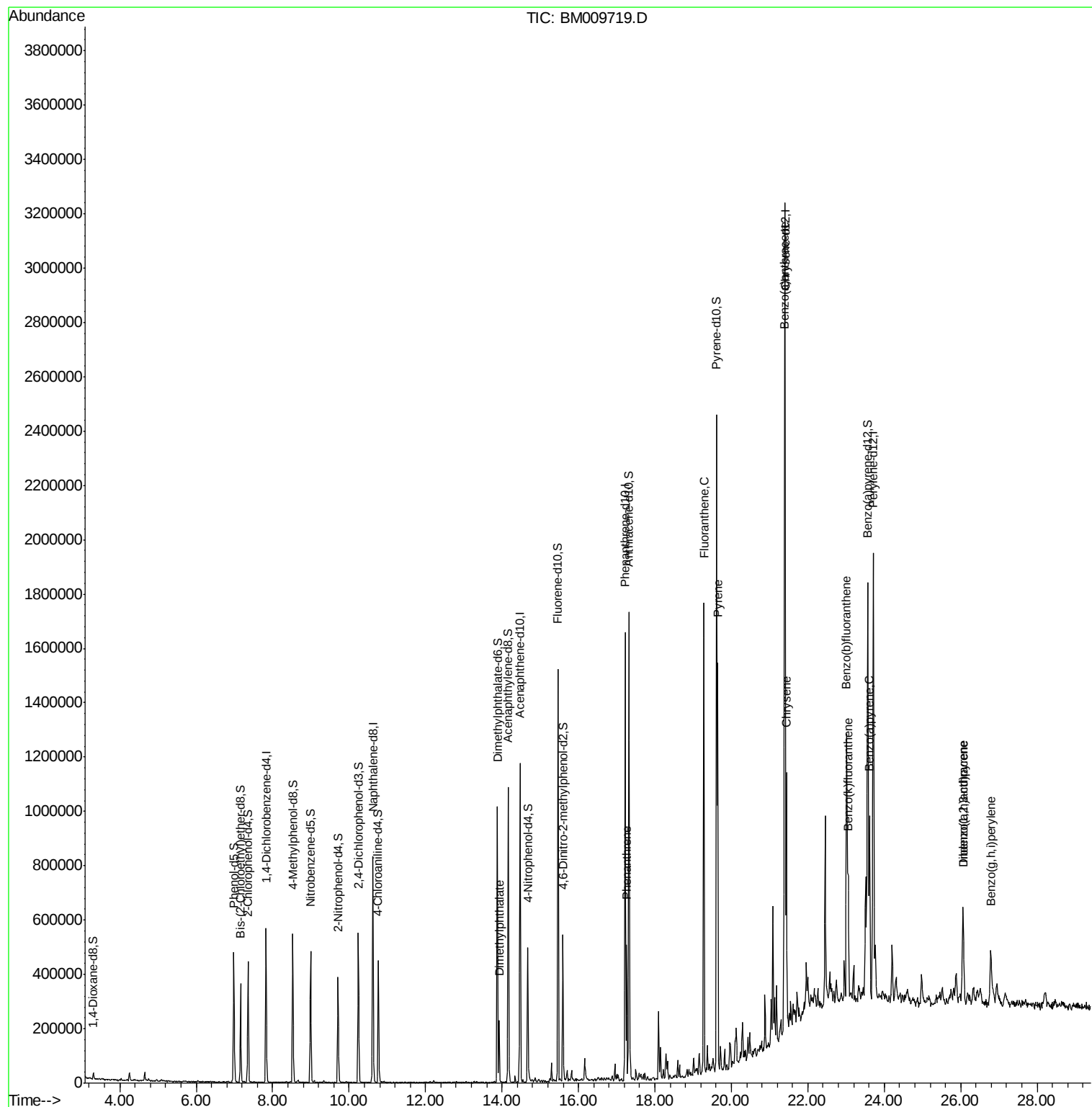
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
Data File : BM009719.D
Acq On : 26 Apr 2017 14:36
Operator : SJ/MA
Sample : I2836-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

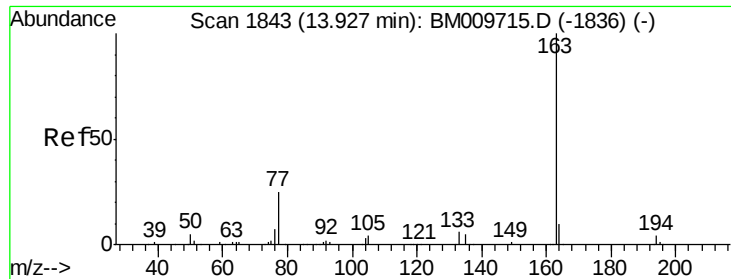
Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

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Quant Time: Apr 26 16:18:06 2017
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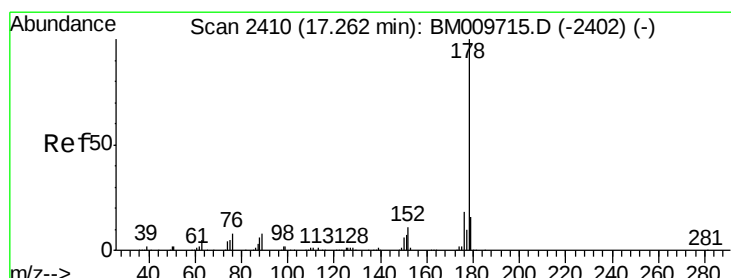
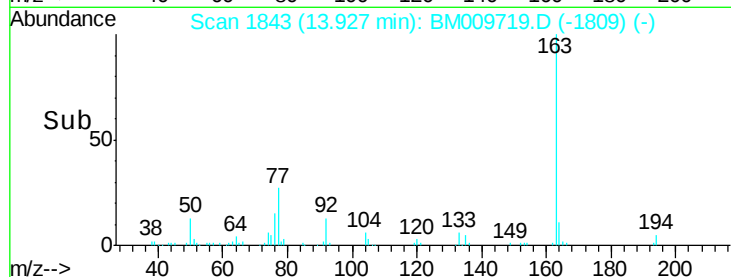
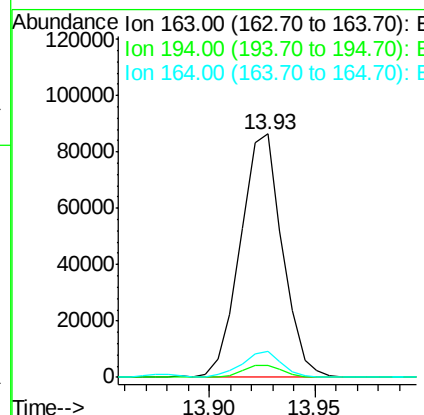
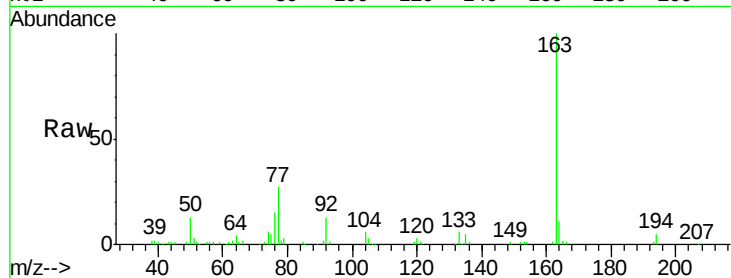
#44
Dimethylphthalate
Concen: 3.93 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118970		
194	4.8	3.0	4.6#	
164	10.8	8.6	12.8	

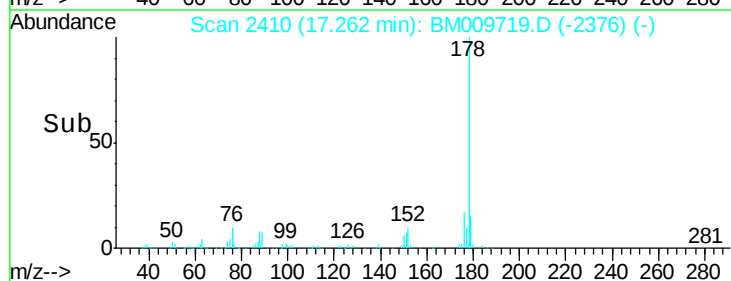
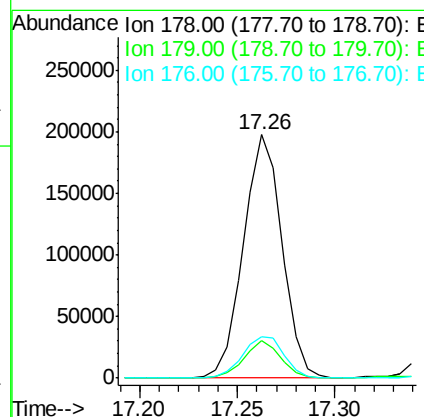
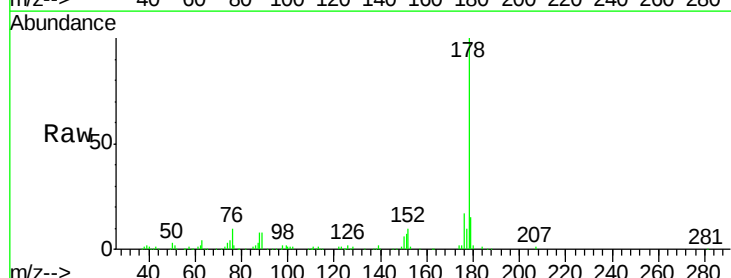
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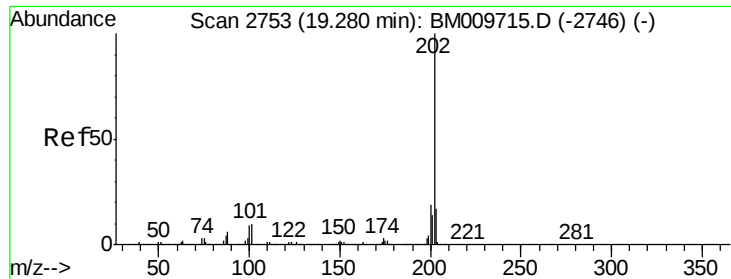
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#69
Phenanthrene
Concen: 5.31 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	271004		
179	15.4	12.6	19.0	
176	16.8	15.8	23.6	





#74

Fluoranthene

Concen: 14.87 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM009719.D

Acq: 26 Apr 2017 14:36

Instrument :

BNA_M

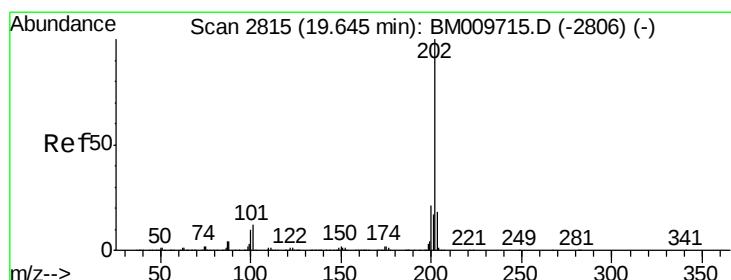
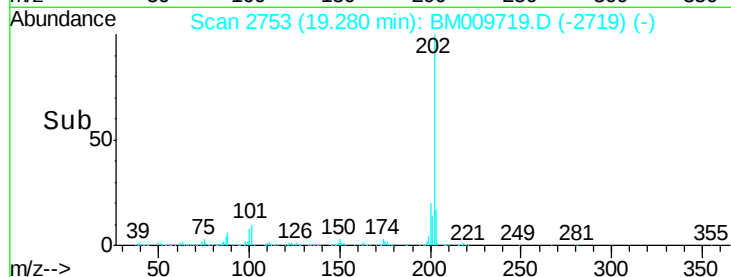
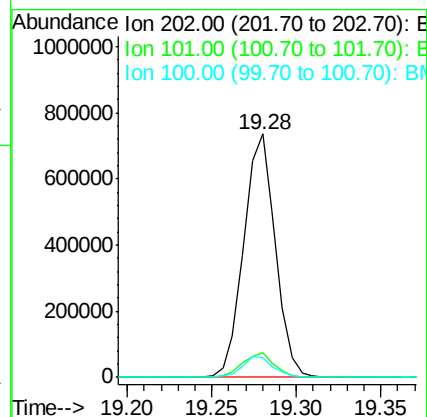
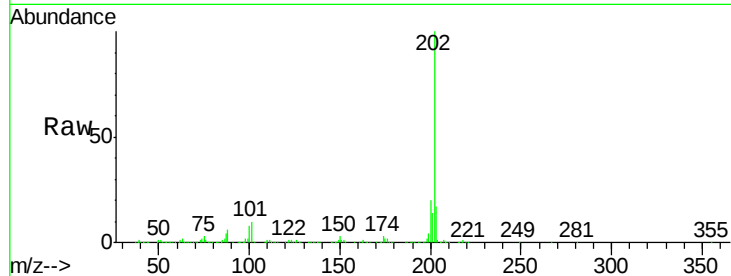
ClientSampleId :

CEM-BF002-02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	956906		
101	10.4	5.7	8.5#	
100	8.1	4.6	7.0#	

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#77

Pyrene

Concen: 11.67 ng/ul

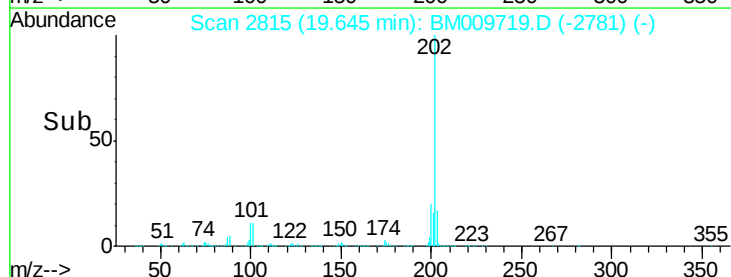
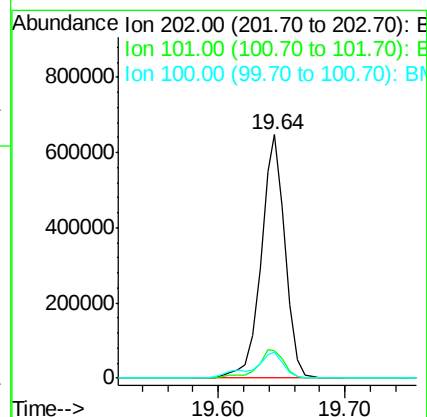
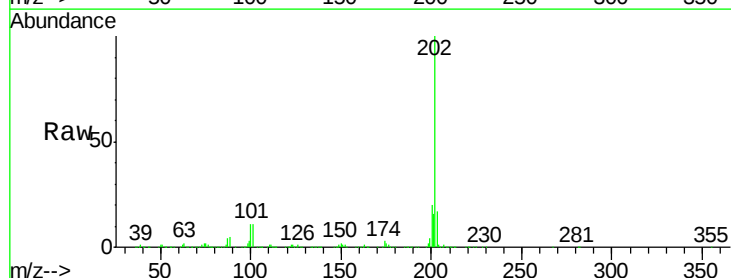
RT: 19.64 min Scan# 2815

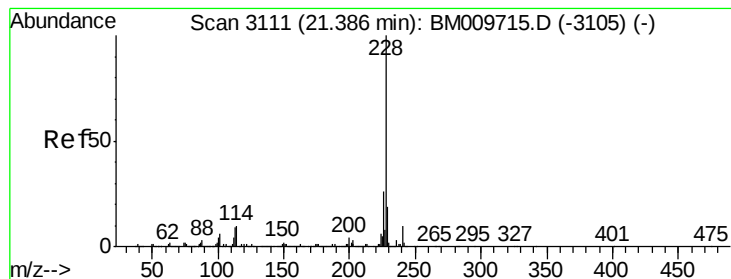
Delta R.T. -0.00 min

Lab File: BM009719.D

Acq: 26 Apr 2017 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	846363		
101	11.5	6.2	9.4#	
100	10.8	6.4	9.6#	





#80

Benzo(a)anthracene

Concen: 7.56 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM009719.D

Acq: 26 Apr 2017 14:36

Instrument :

BNA_M

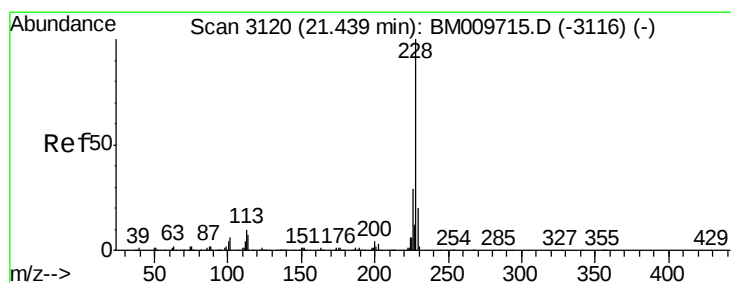
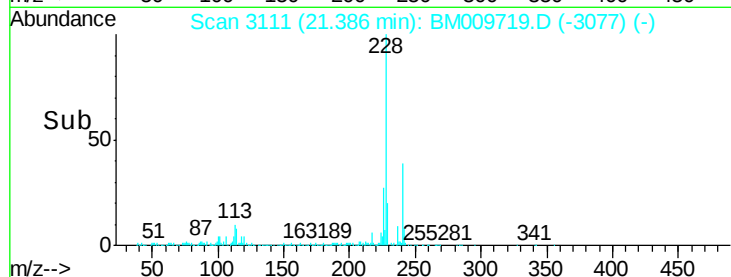
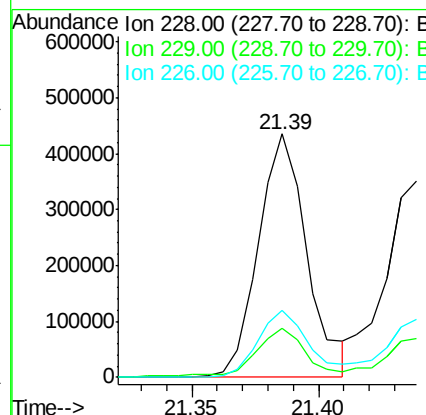
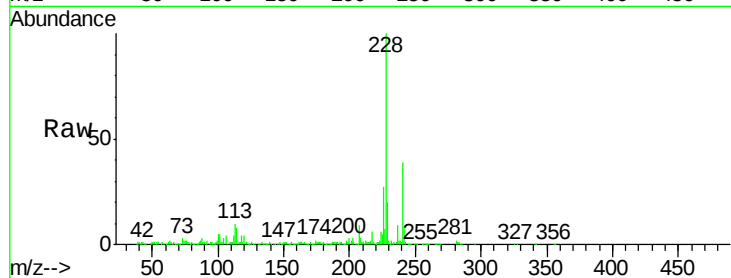
ClientSampleId :

CEM-BF002-02

Tgt	Ion	Ratio	Lower	Upper
228	100			
229	20.0	15.4	23.2	
226	27.3	21.2	31.8	

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#82

Chrysene

Concen: 7.14 ng/ul

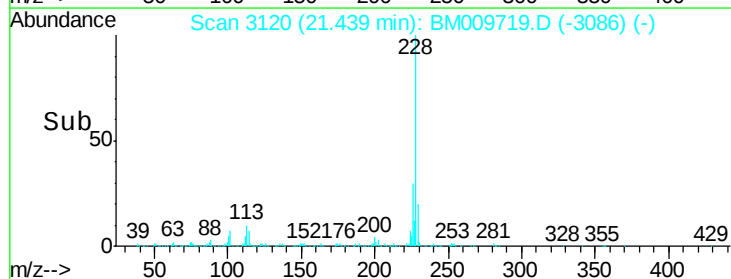
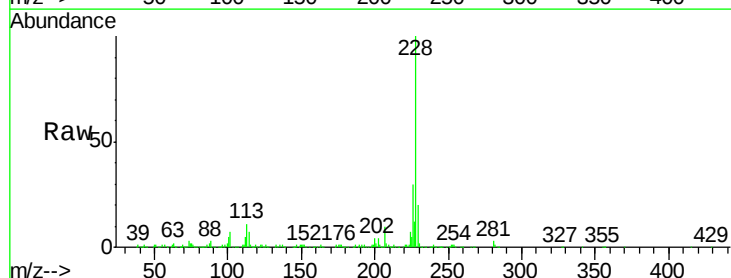
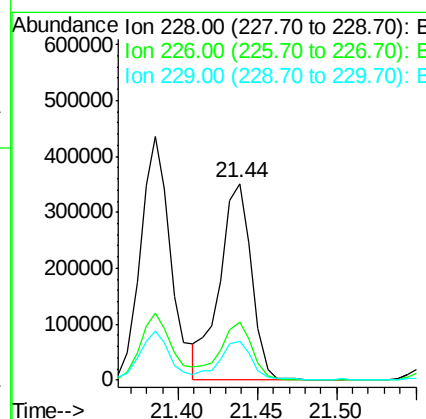
RT: 21.44 min Scan# 3120

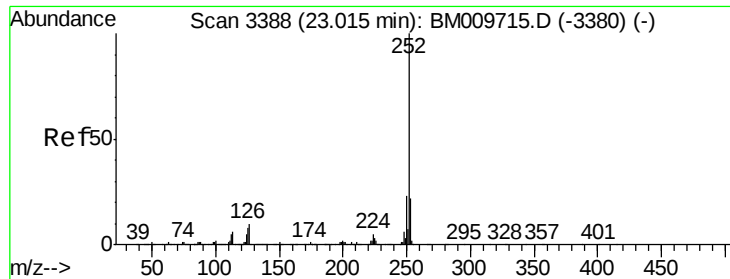
Delta R.T. -0.00 min

Lab File: BM009719.D

Acq: 26 Apr 2017 14:36

Tgt	Ion	Ratio	Lower	Upper
228	100			
226	29.6	23.9	35.9	
229	19.7	15.4	23.2	





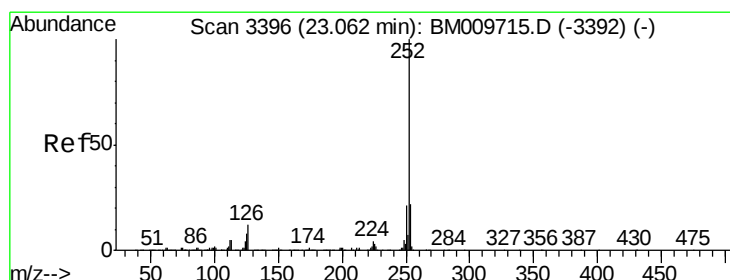
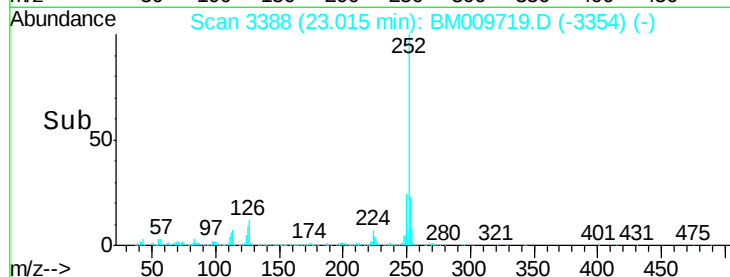
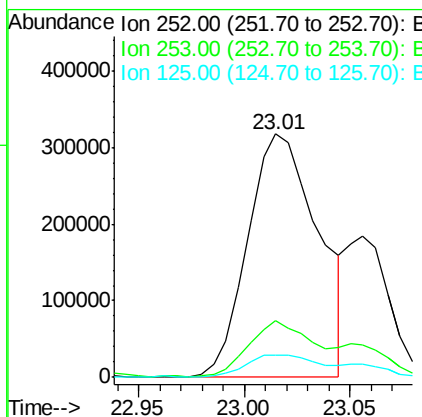
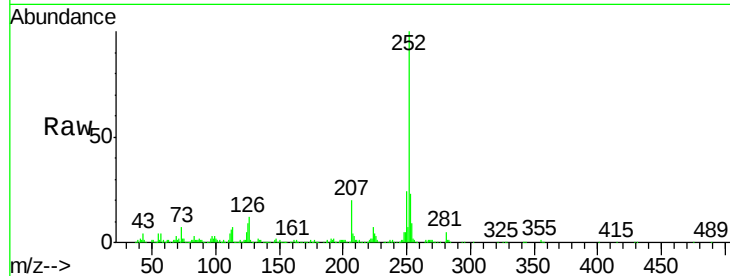
#85
Benzo(b)fluoranthene
Concen: 9.33 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	9.2	3.7	5.5#

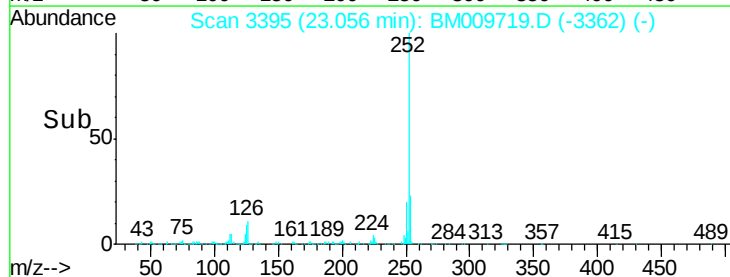
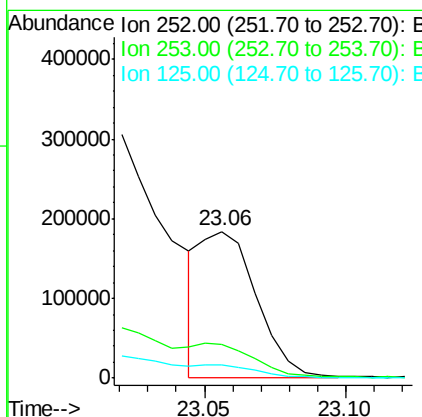
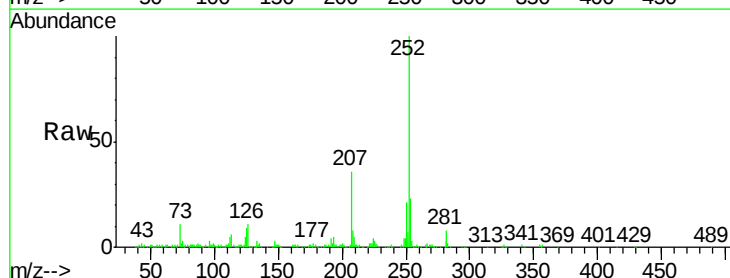
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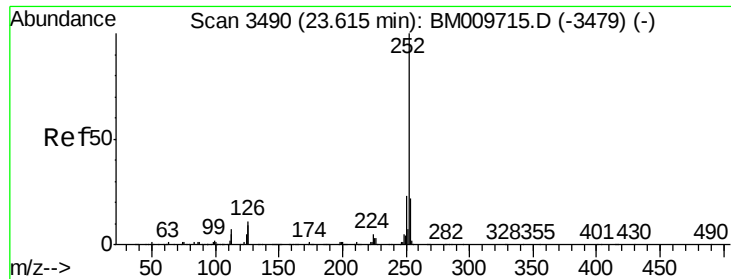
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#86
Benzo(k)fluoranthene
Concen: 3.48 ng/ul m
RT: 23.06 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	9.0	3.8	5.8#





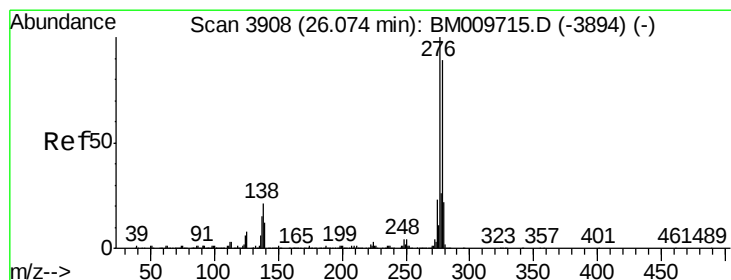
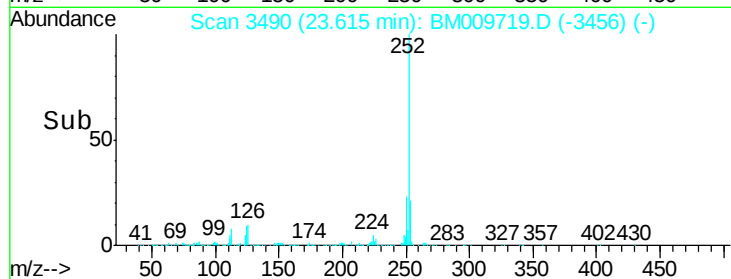
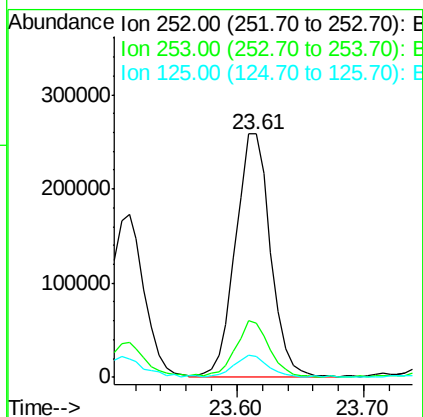
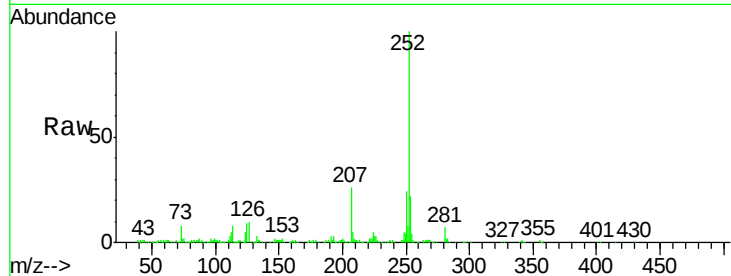
#88
Benzo(a)pyrene
Concen: 6.73 ng/ul
RT: 23.61 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	8.8	3.7	5.5

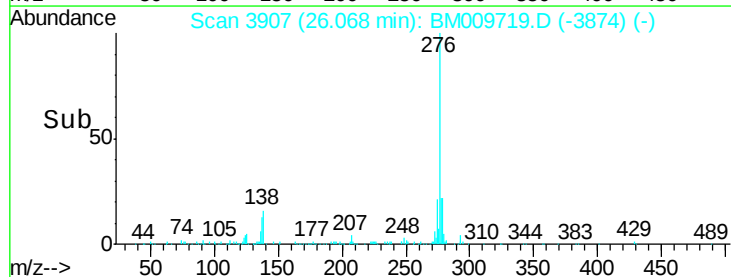
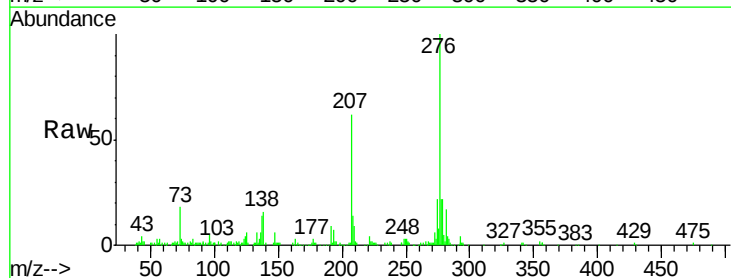
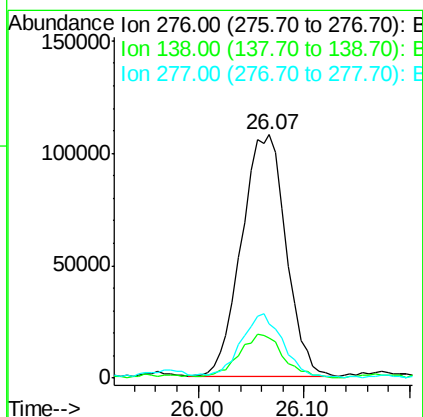
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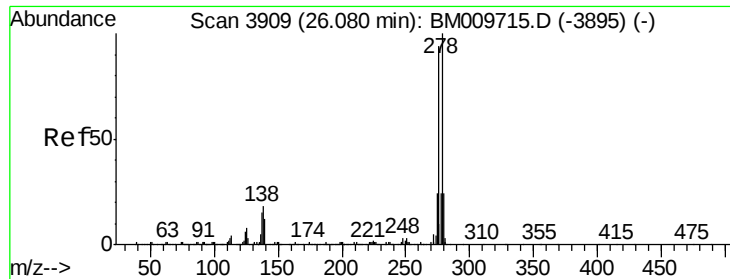
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.99 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	8.2	12.2
277	22.0	21.5	32.3





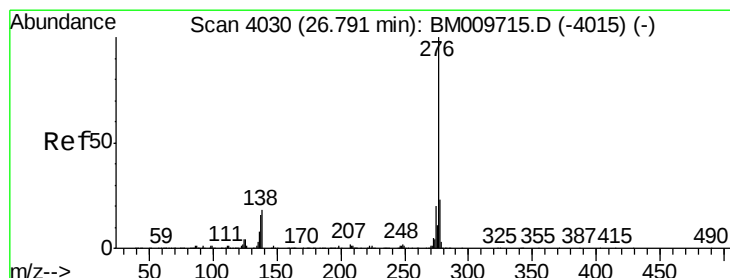
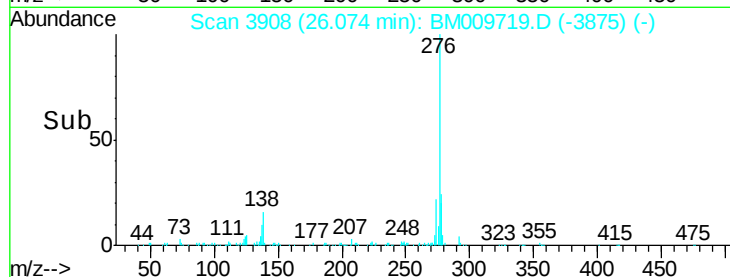
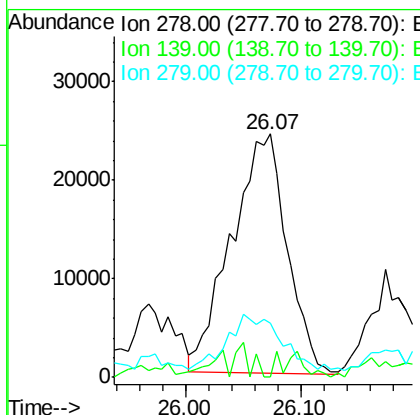
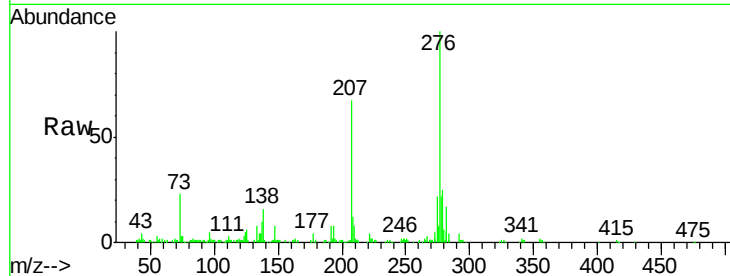
#90
Dibenzo(a,h)anthracene
Concen: 1.21 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.5	5.8	8.8#
279	22.3	17.9	26.9

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#91
Benzo(g,h,i)perylene
Concen: 3.75 ng/ul
RT: 26.79 min Scan# 4030
Delta R.T. -0.00 min
Lab File: BM009719.D
Acq: 26 Apr 2017 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	7.0	10.4#
277	23.5	19.0	28.6

