

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009721.D
 Acq On : 26 Apr 2017 15:48
 Operator : SJ/MA
 Sample : I2836-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF004-01

Manual Integrations
 APPROVED

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 4/27/2017 3:19:07 PM

Quant Time: Apr 26 16:26:40 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	132226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	581316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	367548	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	915796	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1295469	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1244376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9948	3.46	ng/uL	0.00
5) Phenol-d5	6.99	99	221692	15.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	168632	17.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	155066	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	173258	15.47	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	81167	17.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	85363	17.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	162034	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	183585	15.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	595052	18.61	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	690002	17.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	95250	15.44	ng/ul	0.00
57) Fluorene-d10	15.46	176	536355	18.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	86829	13.44	ng/ul	0.00
70) Anthracene-d10	17.32	188	896828	19.07	ng/ul	0.00
76) Pyrene-d10	19.62	212	1097609	19.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1160353	19.17	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.92	163	123475	3.90	ng/ul#	98
74) Fluoranthene	19.28	202	203558	3.07	ng/ul#	89
77) Pyrene	19.64	202	196354	2.68	ng/ul#	92
80) Benzo(a)anthracene	21.39	228	184729	2.40	ng/ul	99
82) Chrysene	21.44	228	178191	2.58	ng/ul	95
85) Benzo(b)fluoranthene	23.02	252	244294	3.02	ng/ul#	89
86) Benzo(k)fluoranthene	23.06	252	78383m	1.06	ng/ul	
88) Benzo(a)pyrene	23.61	252	159348	2.12	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.06	276	88344	1.09	ng/ul#	88
91) Benzo(g,h,i)perylene	26.80	276	70717	1.08	ng/ul#	92

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

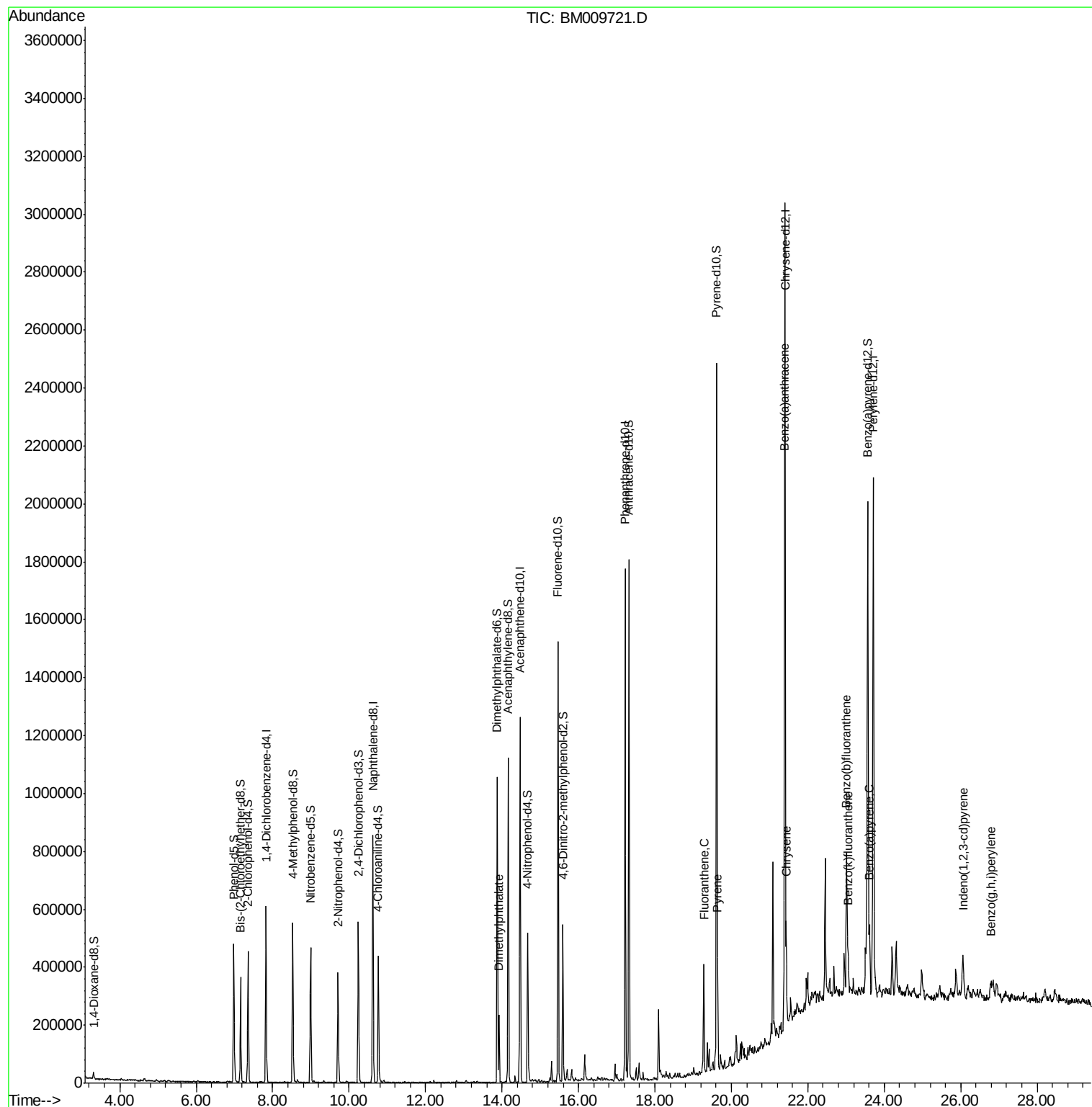
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
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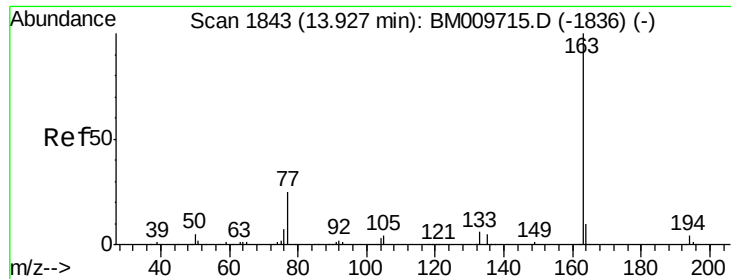
Instrument :
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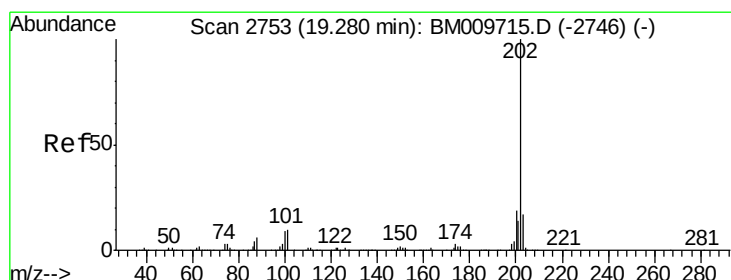
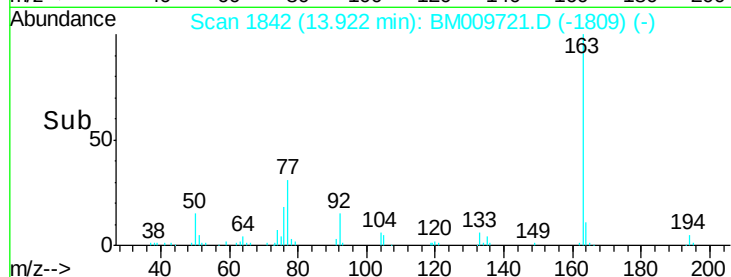
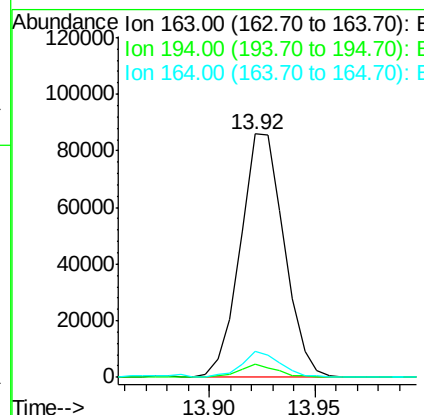
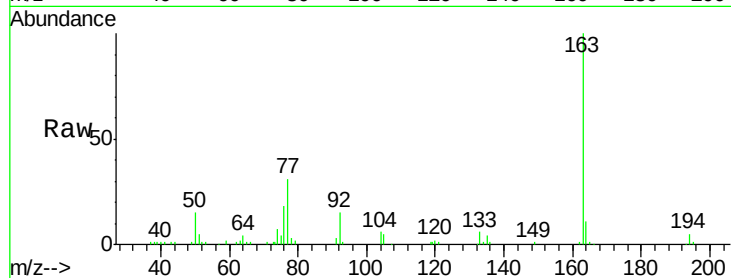
#44
Dimethylphthalate
Concen: 3.90 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM009721.D
Acq: 26 Apr 2017 15:48

Instrument :
BNA_M
ClientSampleId :
CEM-BF004-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.4	3.0	4.6#
164	10.9	8.6	12.8

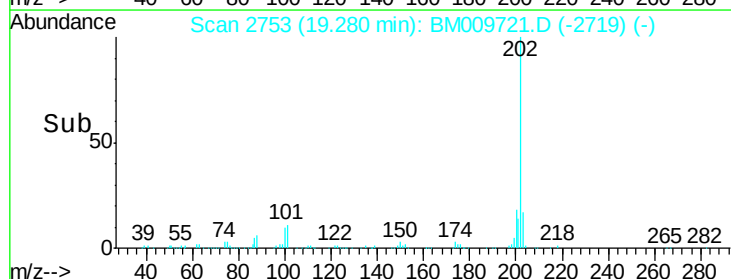
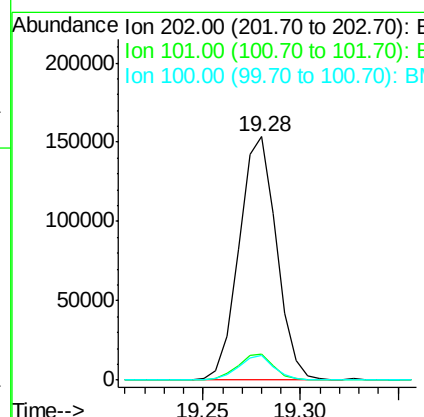
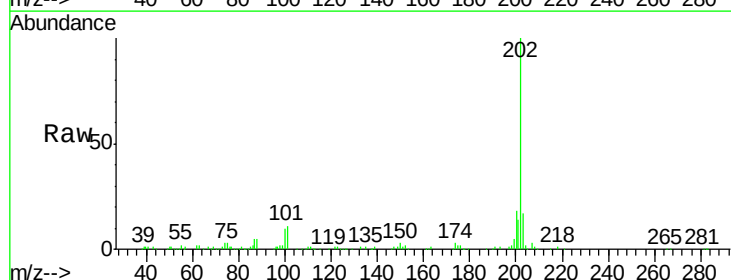
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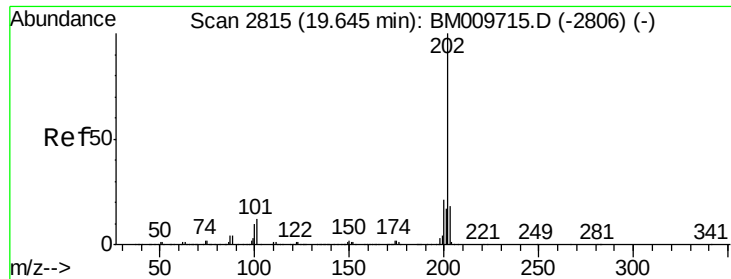
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#74
Fluoranthene
Concen: 3.07 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BM009721.D
Acq: 26 Apr 2017 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	5.7	8.5#
100	10.0	4.6	7.0#





#77

Pyrene

Concen: 2.68 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM009721.D

Acq: 26 Apr 2017 15:48

Instrument :

BNA_M

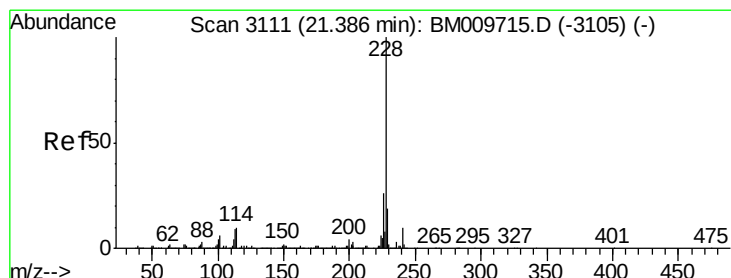
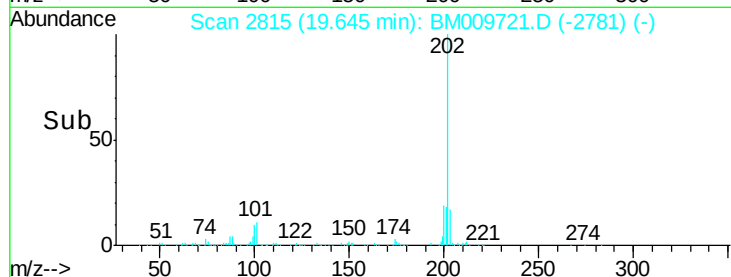
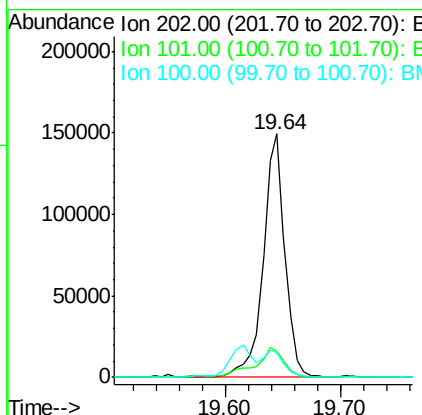
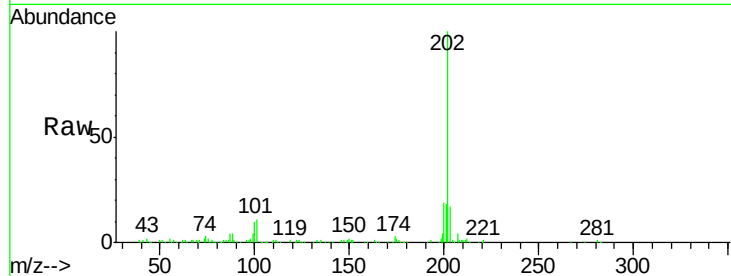
ClientSampleId :

CEM-BF004-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	6.2	9.4#
100	10.4	6.4	9.6#

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#80

Benzo(a)anthracene

Concen: 2.40 ng/ul

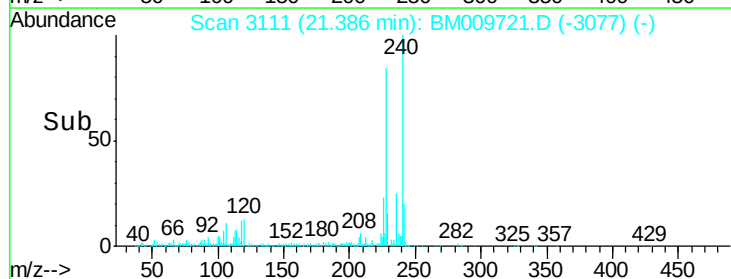
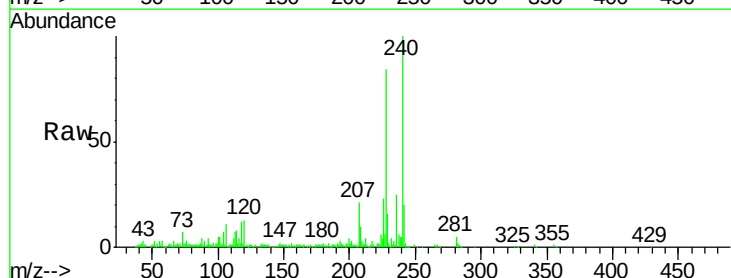
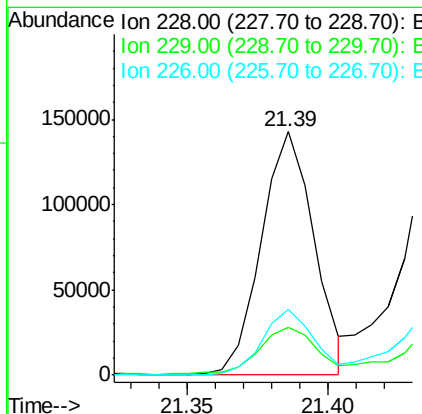
RT: 21.39 min Scan# 3111

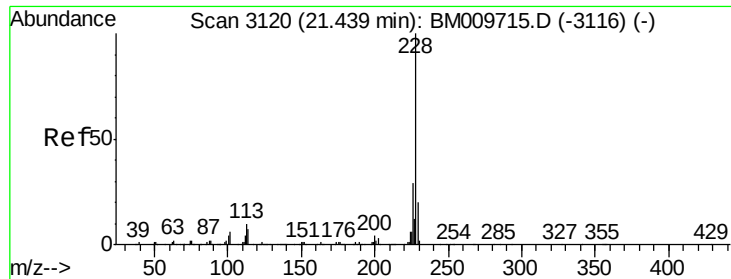
Delta R.T. 0.00 min

Lab File: BM009721.D

Acq: 26 Apr 2017 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.4	15.4	23.2
226	27.0	21.2	31.8





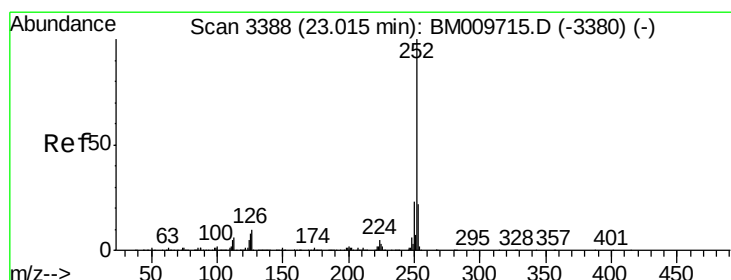
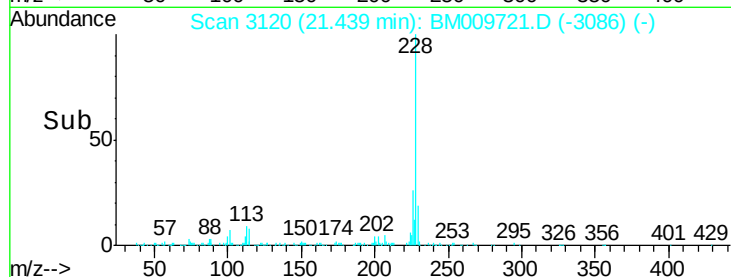
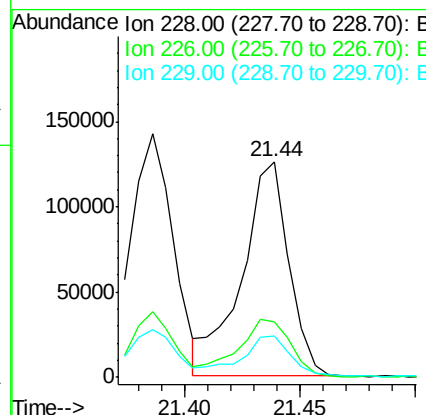
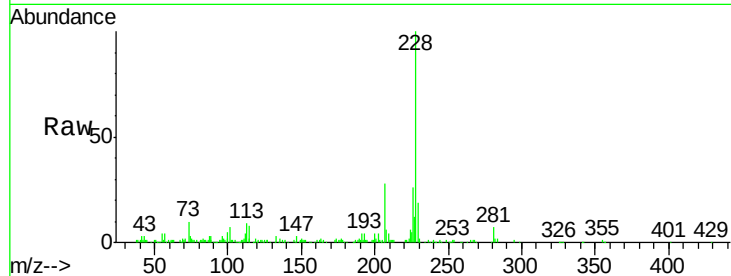
#82
Chrysene
 Concen: 2.58 ng/ul
 RT: 21.44 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BM009721.D
 Acq: 26 Apr 2017 15:48

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF004-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	178191		
226	25.7	23.9	35.9	
229	18.9	15.4	23.2	

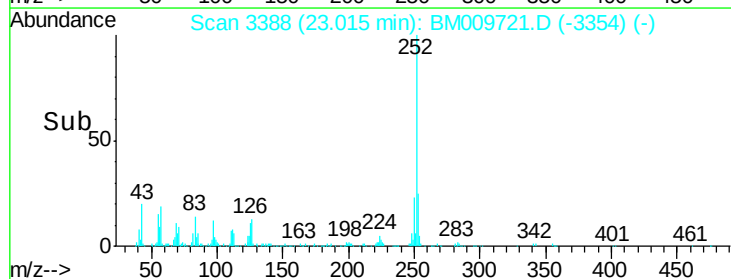
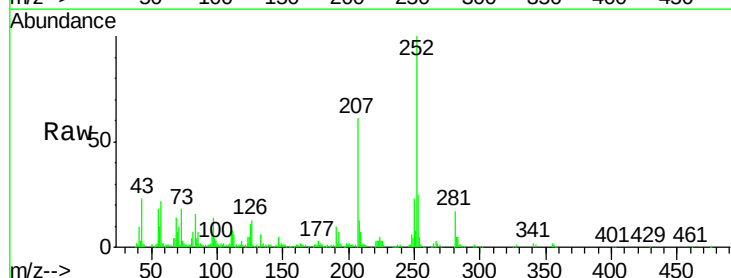
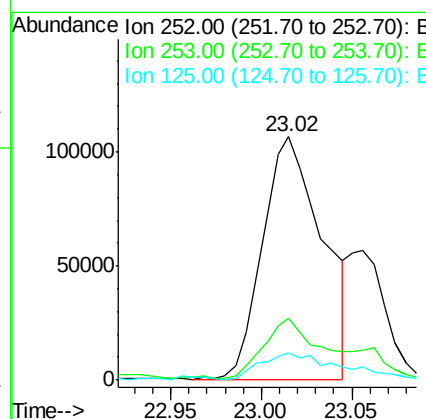
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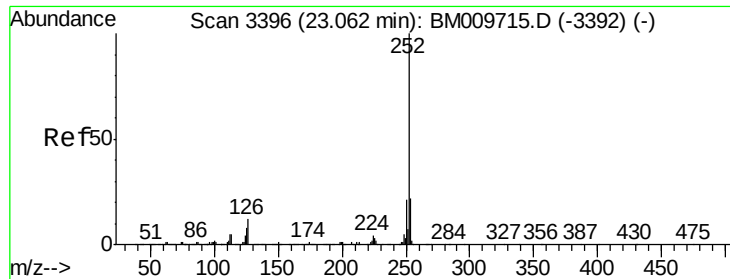
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#85
Benzo(b)fluoranthene
 Concen: 3.02 ng/ul
 RT: 23.02 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: BM009721.D
 Acq: 26 Apr 2017 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	244294		
253	25.3	17.0	25.4	
125	11.3	3.7	5.5	





#86

Benzo(k)fluoranthene

Concen: 1.06 ng/ul m

RT: 23.06 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM009721.D

Acq: 26 Apr 2017 15:48

Instrument :

BNA_M

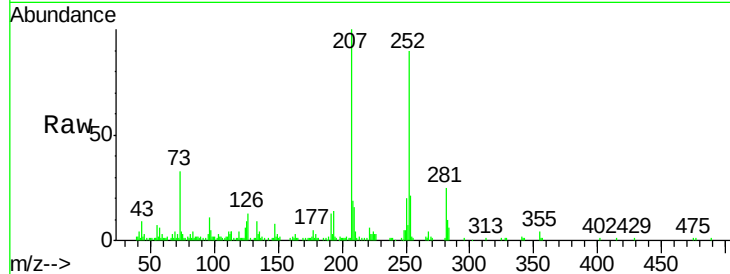
ClientSampleId :

CEM-BF004-01

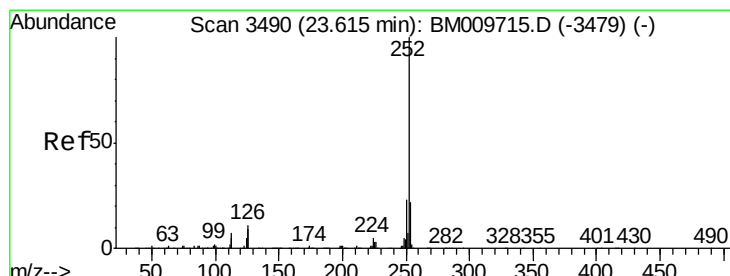
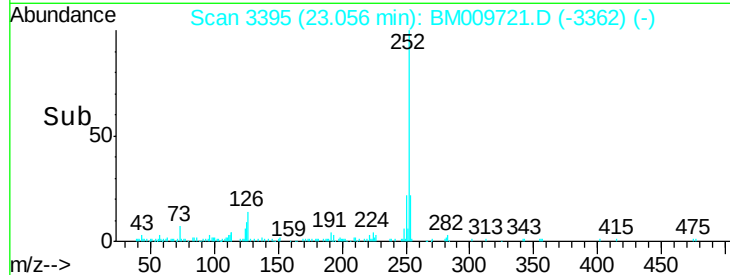
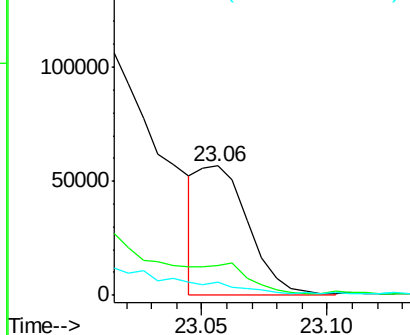
Tgt Ion:	252	Resp:	78383
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	10.5	3.8	5.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 2.12 ng/ul

RT: 23.61 min Scan# 3489

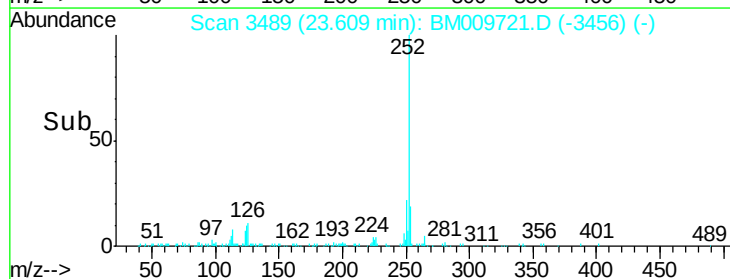
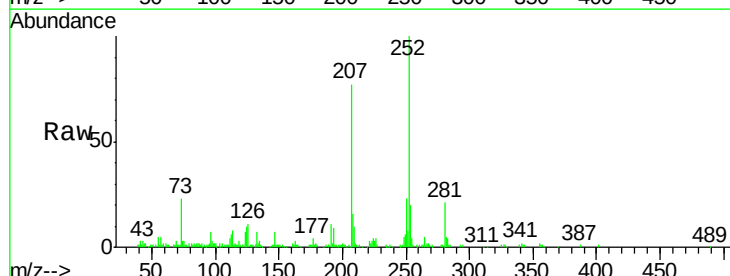
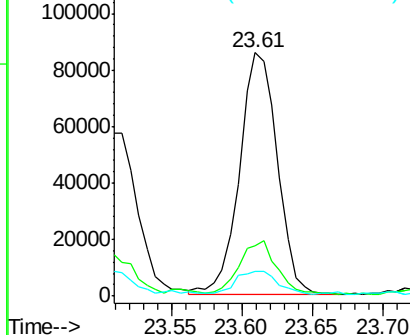
Delta R.T. -0.01 min

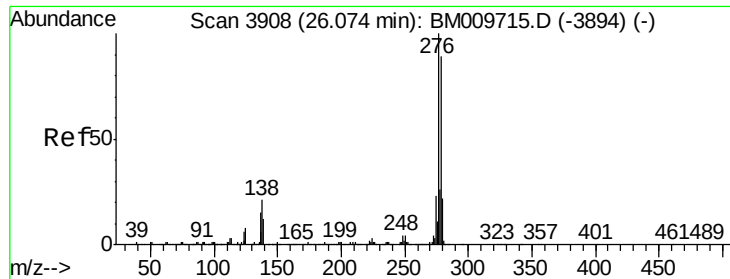
Lab File: BM009721.D

Acq: 26 Apr 2017 15:48

Tgt Ion:	252	Resp:	159348
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.4	26.0
125	10.2	3.7	5.5#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





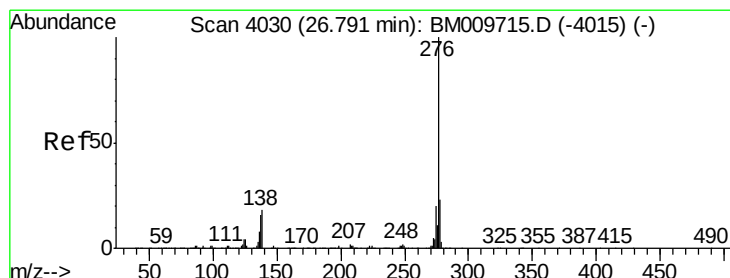
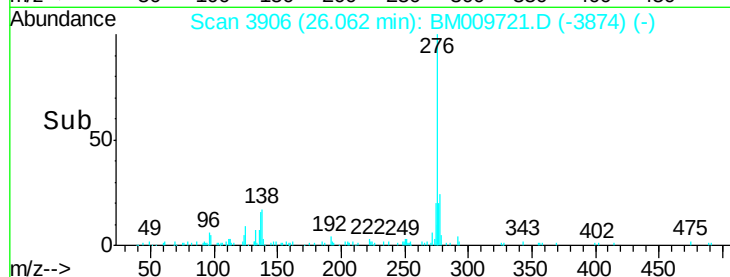
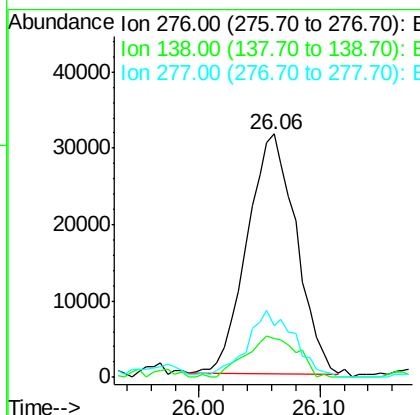
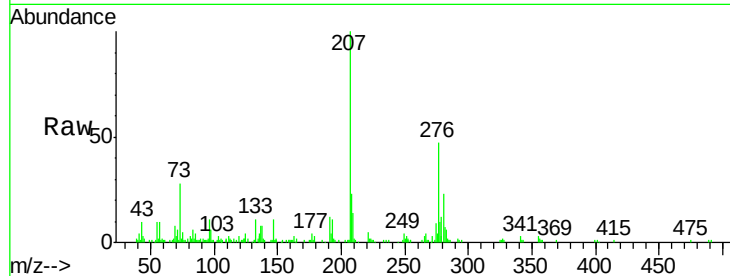
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.09 ng/ul
 RT: 26.06 min Scan# 3906
 Delta R.T. -0.01 min
 Lab File: BM009721.D
 Acq: 26 Apr 2017 15:48

Instrument :
 BNA_M
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 CEM-BF004-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	8.2	12.2#
277	21.2	21.5	32.3#

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#91
 Benzo(g,h,i)perylene
 Concen: 1.08 ng/ul
 RT: 26.80 min Scan# 4031
 Delta R.T. 0.01 min
 Lab File: BM009721.D
 Acq: 26 Apr 2017 15:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	7.0	10.4#
277	21.7	19.0	28.6

