

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM062617\
 Data File : BM010750.D
 Acq On : 26 Jun 2017 17:18
 Operator : SJ/JU
 Sample : I3756-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE2

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:53:20 AM

Quant Time: Jun 27 01:43:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 01:28:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	35194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	160429	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	114003	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	295468	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	348634	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	284420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2898	4.72	ng/uL	0.00
5) Phenol-d5	6.64	99	70090	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	43975	22.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	56941	24.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	63201	22.74	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	30416	26.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	33711	25.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	70005	25.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	80281	27.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	271169	27.10	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	301767	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	30484	17.31	ng/ul	0.00
57) Fluorene-d10	15.11	176	230507	26.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	37579	20.71	ng/ul	0.00
70) Anthracene-d10	16.96	188	386678	27.10	ng/ul	0.00
76) Pyrene-d10	19.27	212	484409	29.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	387134	28.16	ng/ul	0.00

Target Compounds

					Qvalue	
16) 4-Methylphenol	8.22	108	10295	3.555	ng/ul#	65
44) Dimethylphthalate	13.57	163	62662	6.388	ng/ul	96
69) Phenanthrene	16.90	178	26397m	1.680	ng/ul	
71) Anthracene	16.99	178	20422	1.262	ng/ul	97
74) Fluoranthene	18.93	202	44438	2.195	ng/ul#	98
77) Pyrene	19.30	202	34756	1.726	ng/ul#	96
82) Chrysene	21.11	228	20114	1.111	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	20215	1.095	ng/ul#	92

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

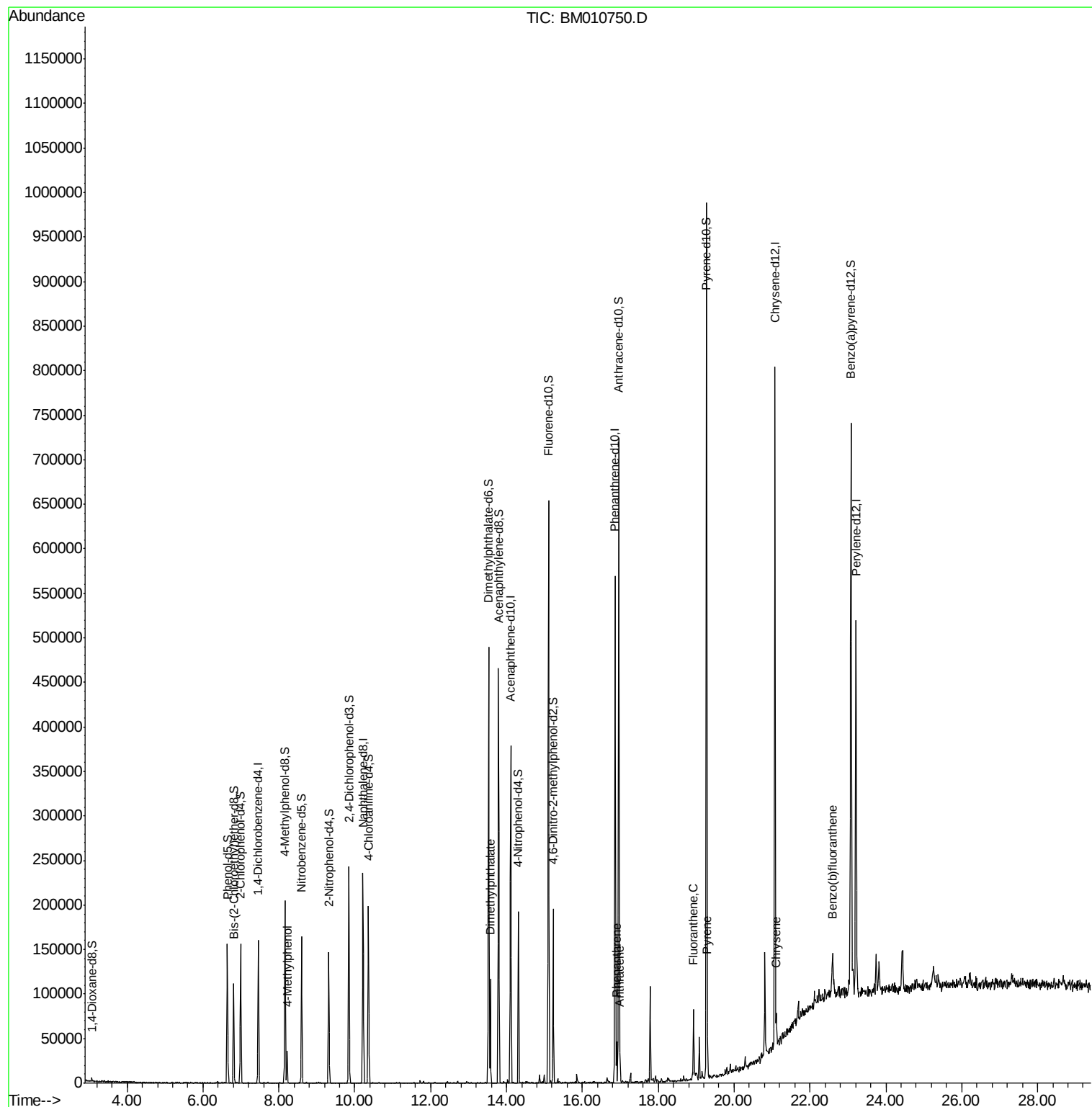
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
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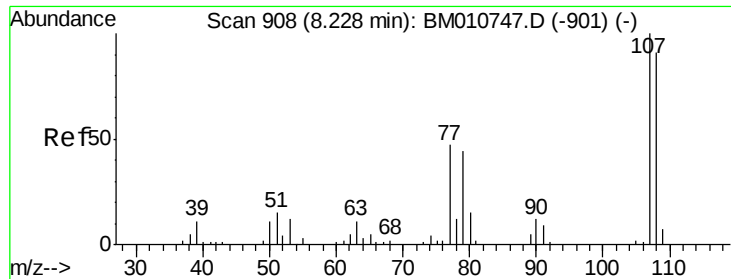
Instrument :
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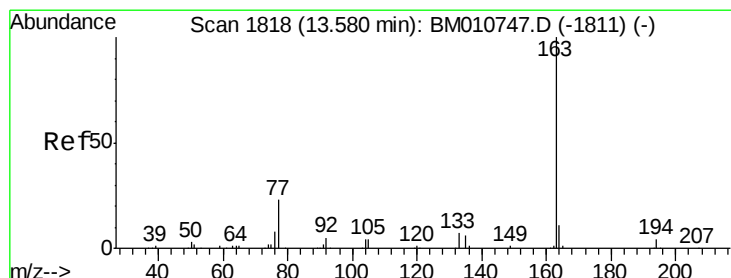
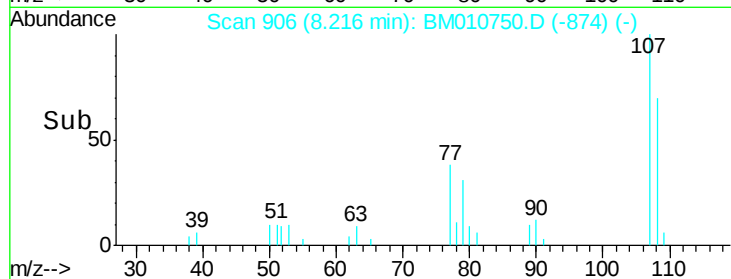
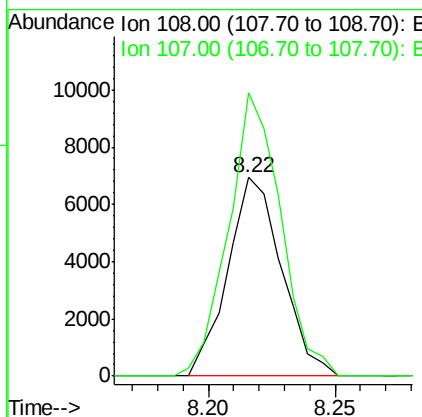
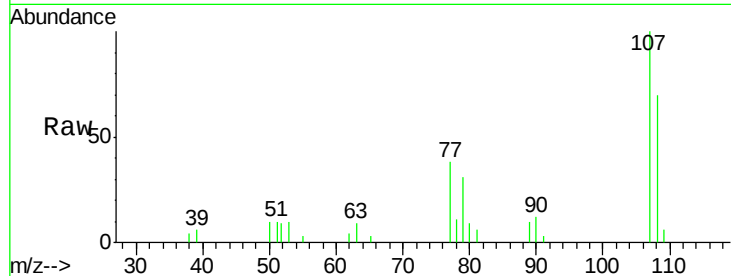
#16
4-Methylphenol
Concen: 3.555 ng/ul
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM010750.D
Acq: 26 Jun 2017 17:18

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:108 Resp: 10295
Ion Ratio Lower Upper
108 100
107 142.7 84.9 127.3#

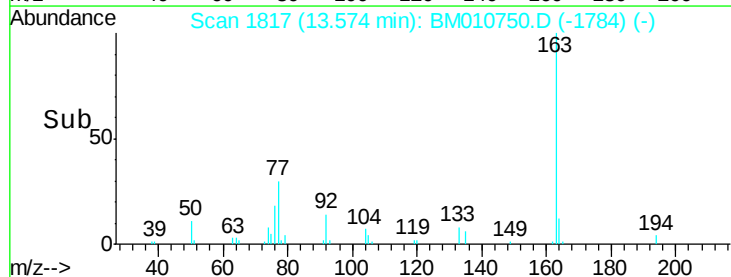
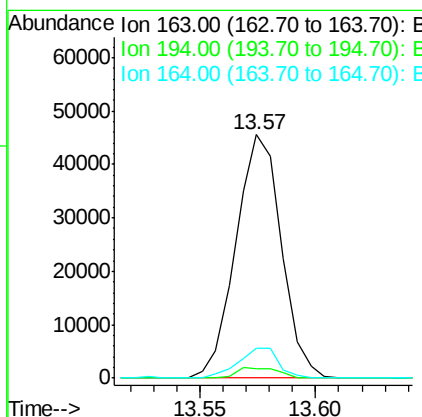
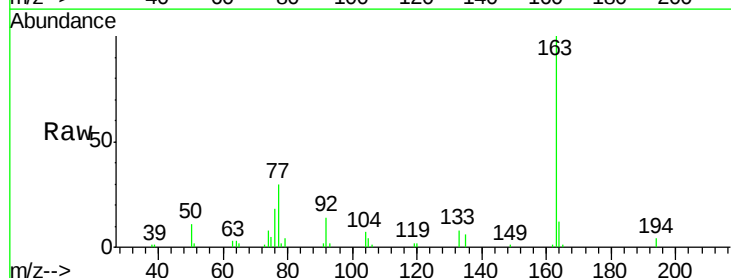
Manual Integrations
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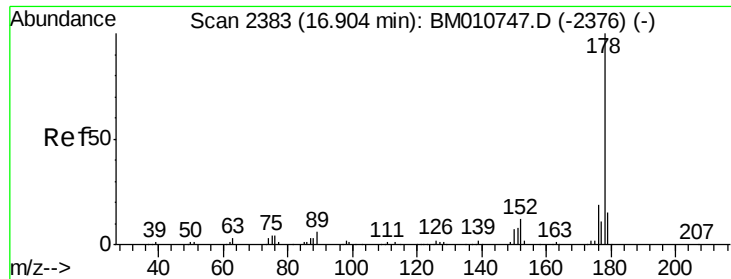
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#44
Dimethylphthalate
Concen: 6.388 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM010750.D
Acq: 26 Jun 2017 17:18

Tgt Ion:163 Resp: 62662
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 12.2 8.2 12.4





#69

Phenanthrene

Concen: 1.680 ng/ul m

RT: 16.90 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM010750.D

Acq: 26 Jun 2017 17:18

Instrument :

BNA_M

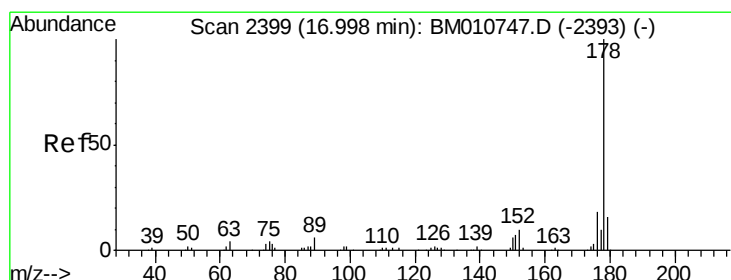
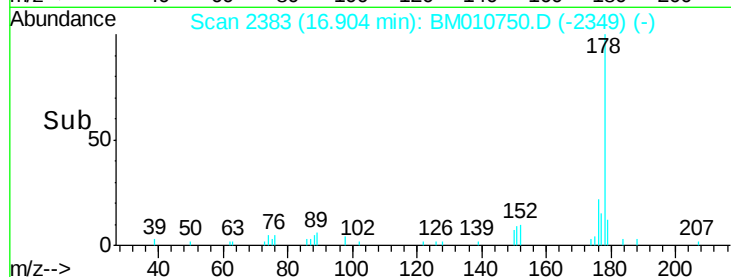
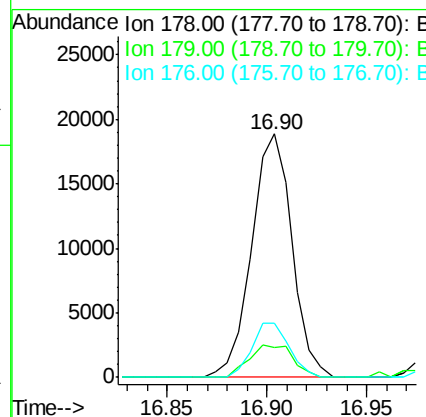
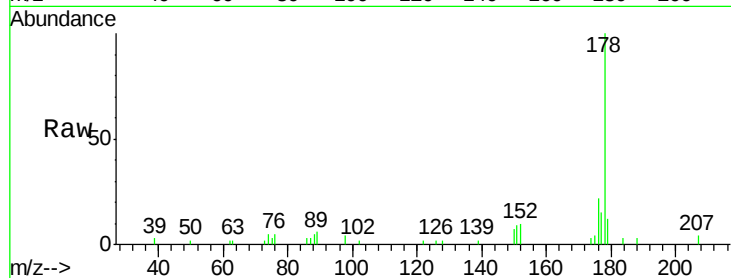
ClientSampleId :

C0AE2

Tgt Ion:	178	Resp:	26397
Ion Ratio	Lower	Upper	
178	100		
179	12.5	12.6	19.0#
176	22.3	14.9	22.3

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#71

Anthracene

Concen: 1.262 ng/ul

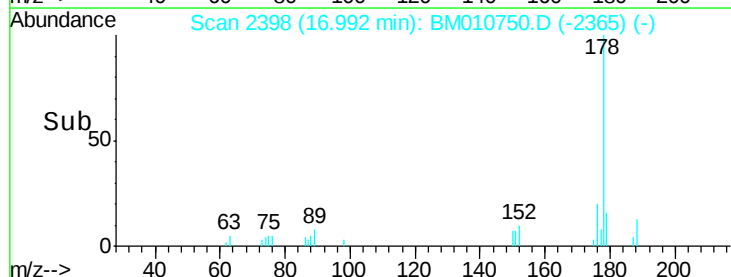
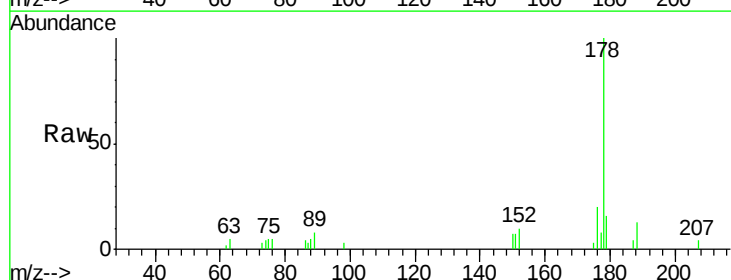
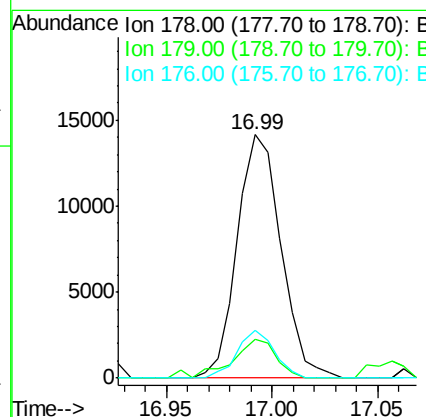
RT: 16.99 min Scan# 2398

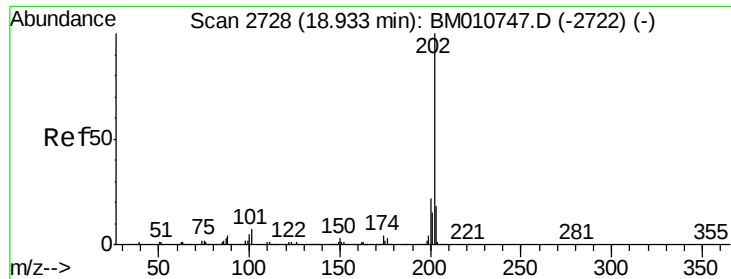
Delta R.T. -0.01 min

Lab File: BM010750.D

Acq: 26 Jun 2017 17:18

Tgt Ion:	178	Resp:	20422
Ion Ratio	Lower	Upper	
178	100		
179	15.7	11.7	17.5
176	19.7	14.6	21.8





#74

Fluoranthene

Concen: 2.195 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM010750.D

Acq: 26 Jun 2017 17:18

Instrument :

BNA_M

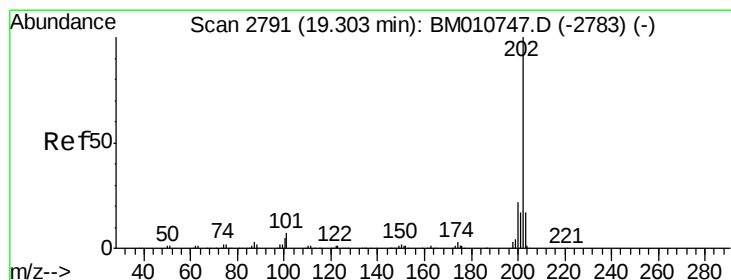
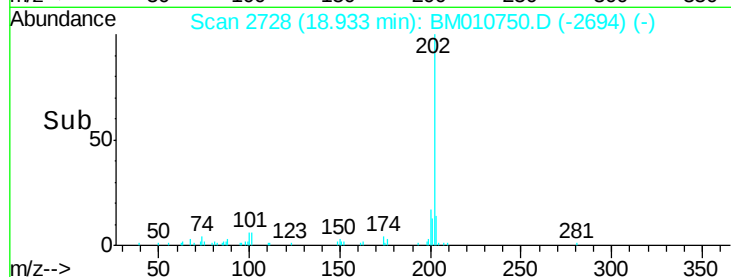
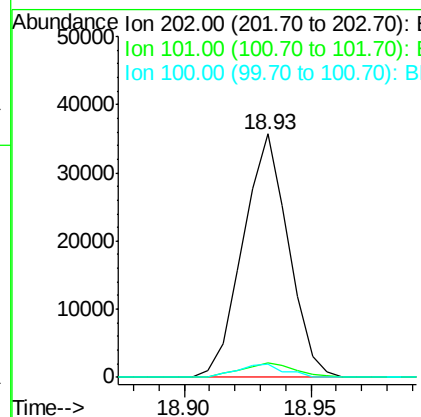
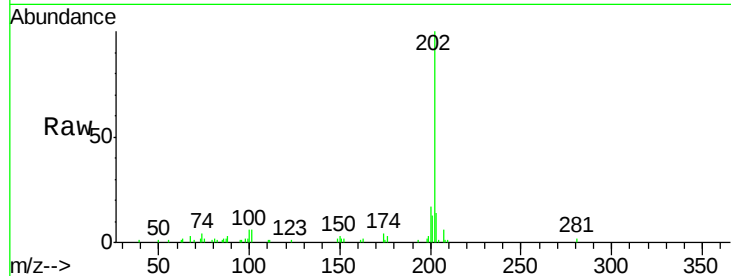
ClientSampleId :

C0AE2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44438		
101	5.7	4.6	7.0	
100	5.6	3.4	5.2	

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#77

Pyrene

Concen: 1.726 ng/ul

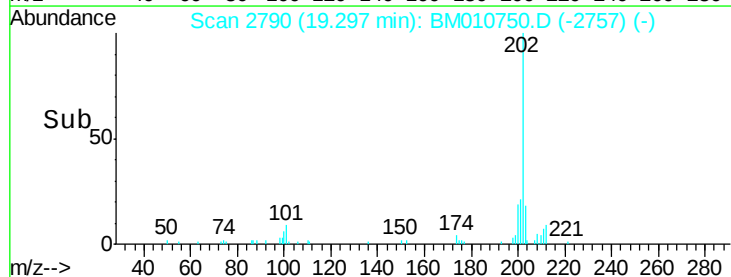
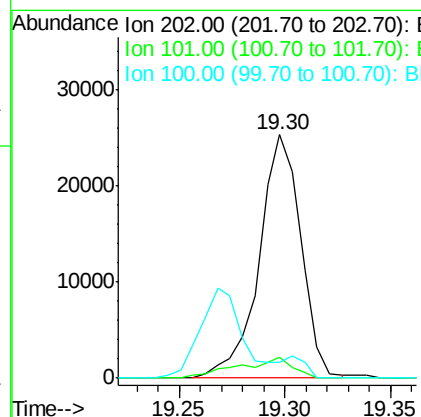
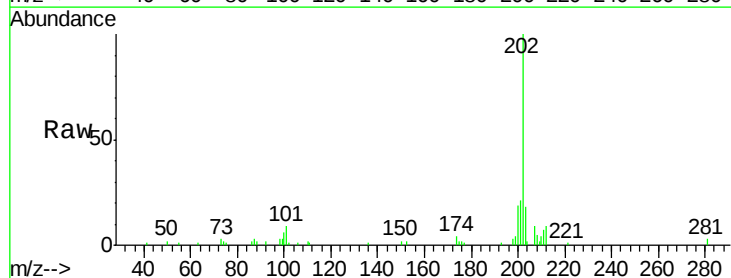
RT: 19.30 min Scan# 2790

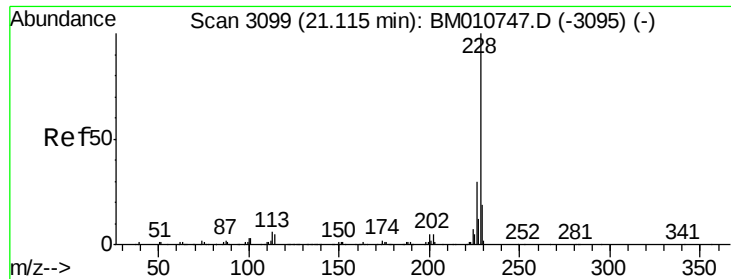
Delta R.T. -0.01 min

Lab File: BM010750.D

Acq: 26 Jun 2017 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34756		
101	8.5	5.1	7.7	
100	6.4	4.9	7.3	





#82

Chrysene

Concen: 1.111 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM010750.D

Acq: 26 Jun 2017 17:18

Instrument :

BNA_M

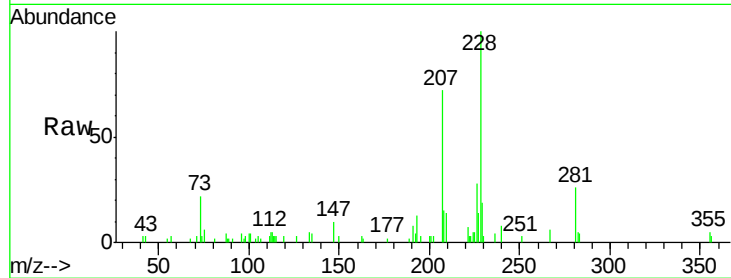
ClientSampleId :

C0AE2

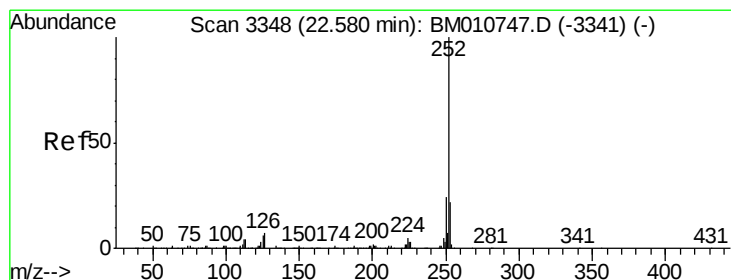
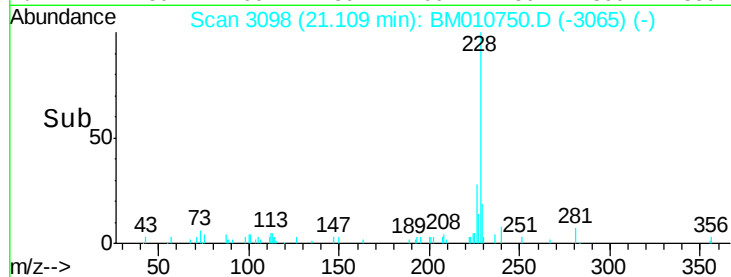
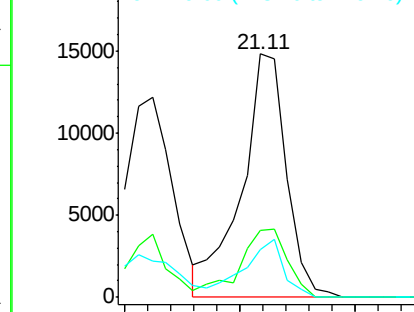
Tgt Ion:	228	Resp:	20114
Ion Ratio	Lower	Upper	
228	100		
226	27.6	23.4	35.2
229	19.4	15.5	23.3

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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



#85

Benzo(b)fluoranthene

Concen: 1.095 ng/ul

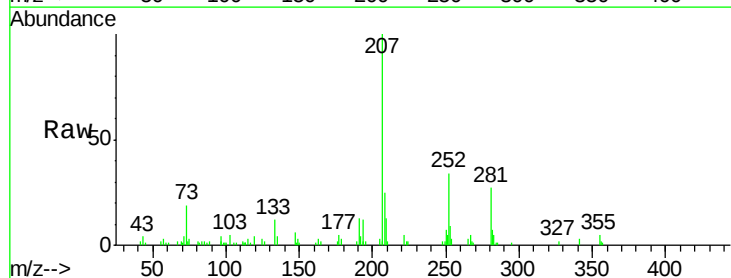
RT: 22.59 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM010750.D

Acq: 26 Jun 2017 17:18

Tgt Ion:	252	Resp:	20215
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.9	26.9
125	8.0	3.6	5.4



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

