

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012081.D
 Acq On : 11 Oct 2017 22:46
 Operator : SJ/JU
 Sample : I5490-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-41(5-7)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:09:21 PM

Quant Time: Oct 12 04:13:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 01:21:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	254209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1102710	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	615326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1200633	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1033551	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1134710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	33383m	6.21	ng/uL	0.00
5) Phenol-d5	7.00	99	655631	29.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	417027	32.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	577603	32.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	577749	30.56	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	280284	35.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	329872	37.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	593468	33.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	707292	36.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1937662	36.33	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2305992	36.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	191201	20.52	ng/ul	0.01
57) Fluorene-d10	15.48	176	1547363	32.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	131838	16.32	ng/ul	0.00
70) Anthracene-d10	17.33	188	2076092	35.09	ng/ul	0.00
76) Pyrene-d10	19.63	212	2057618	44.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1948918	35.70	ng/ul	0.00
Target Compounds						
6) Phenol	7.03	94	34054	1.573	ng/ul	95
44) Dimethylphthalate	13.94	163	705646	13.754	ng/ul	100
74) Fluoranthene	19.29	202	151039	1.874	ng/ul#	91
77) Pyrene	19.65	202	159915	2.790	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	108470	1.832	ng/ul#	90
82) Chrysene	21.44	228	108161	1.923	ng/ul#	96
85) Benzo(b)fluoranthene	23.03	252	145802	2.114	ng/ul#	87
88) Benzo(a)pyrene	23.63	252	98346	1.484	ng/ul#	87

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

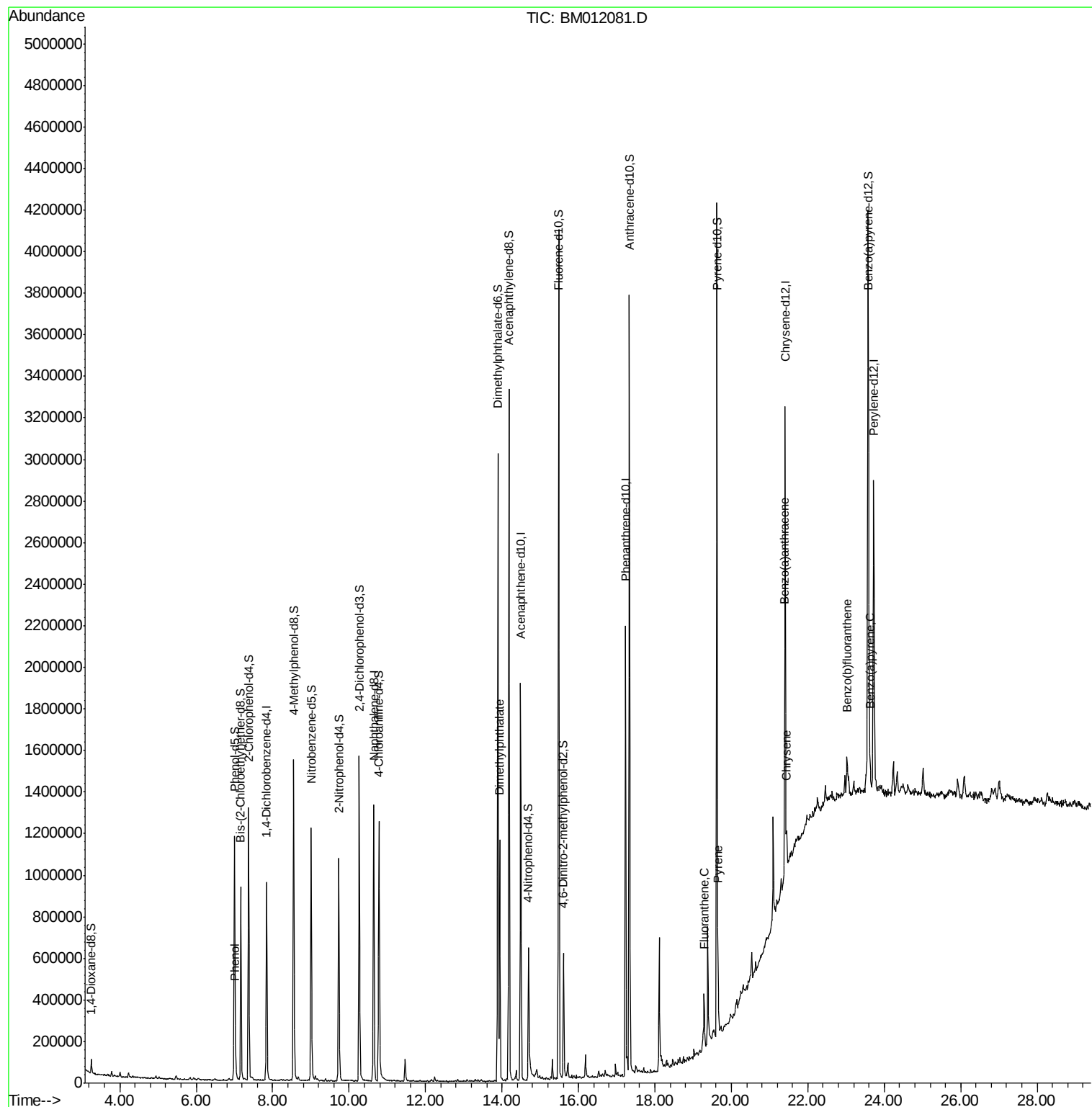
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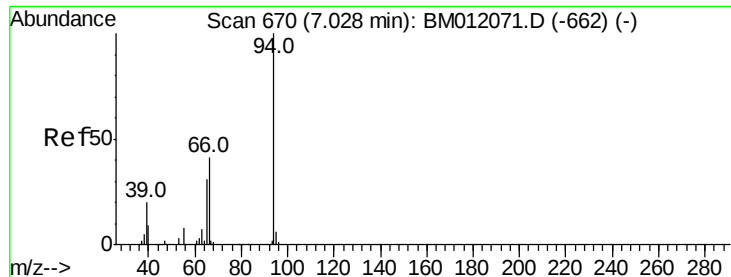
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BNA_M
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#6

Phenol

Concen: 1.573 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

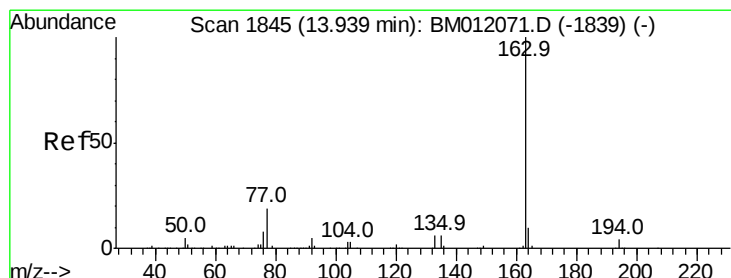
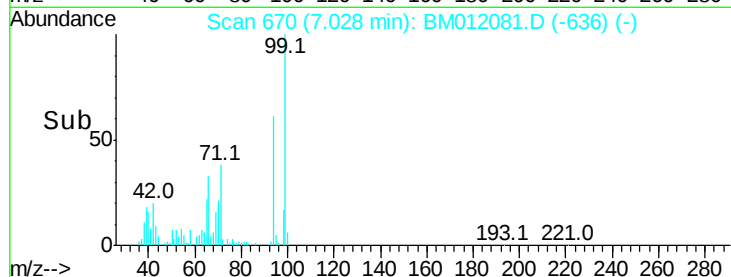
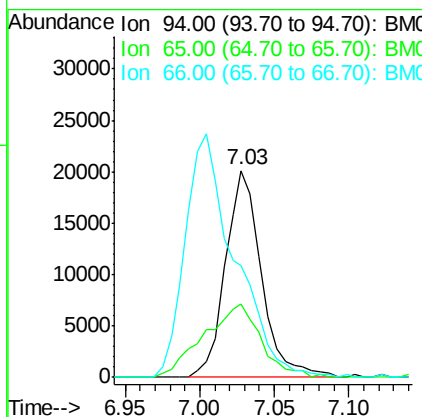
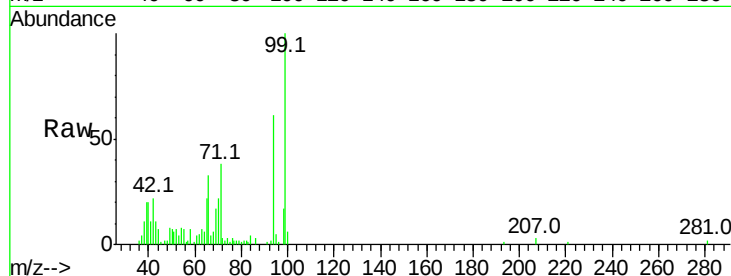
ClientSampleId :

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Tot Ion:	94	Resp:	34054
Ion Ratio	Lower	Upper	
94	100		
65	35.6	28.2	42.4
66	53.8	47.2	70.8

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#44

Dimethylphthalate

Concen: 13.754 ng/ul

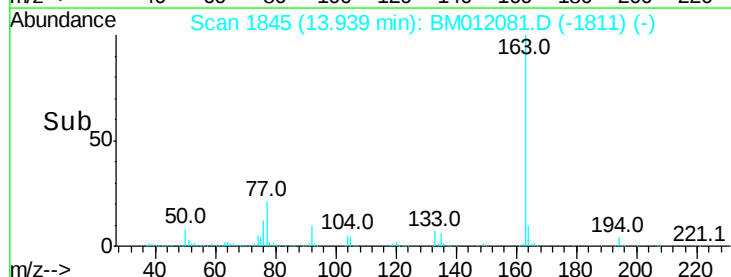
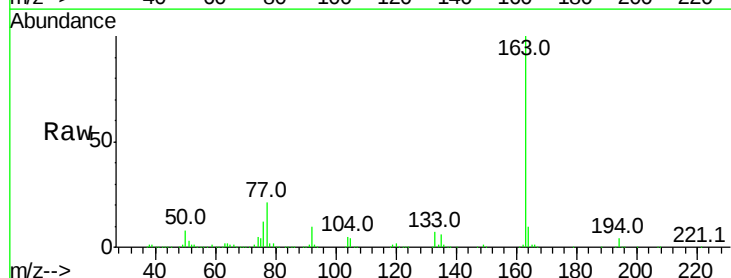
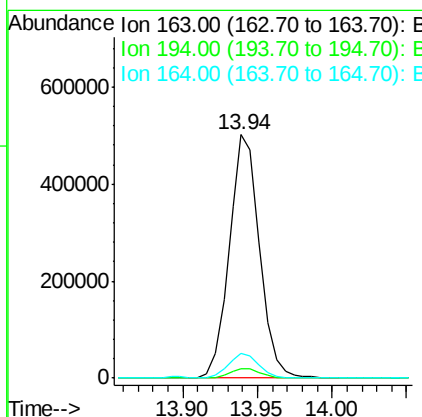
RT: 13.94 min Scan# 1845

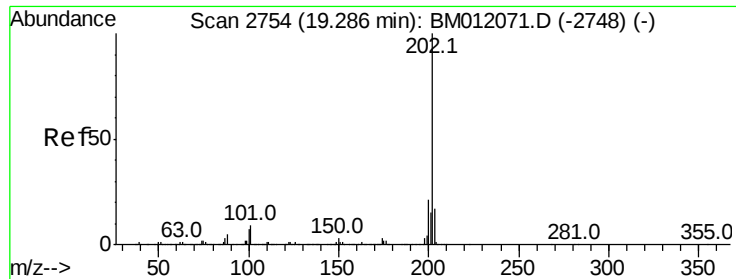
Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Tgt Ion:	163	Resp:	705646
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	10.4	8.2	12.4





#74

Fluoranthene

Concen: 1.874 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

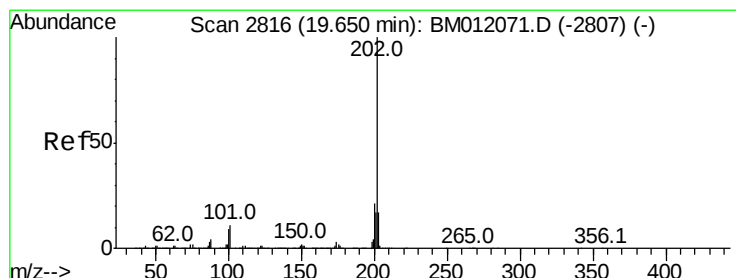
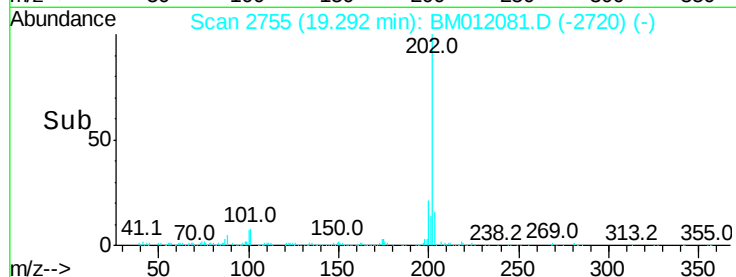
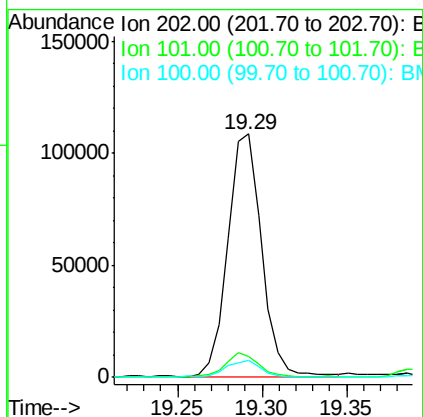
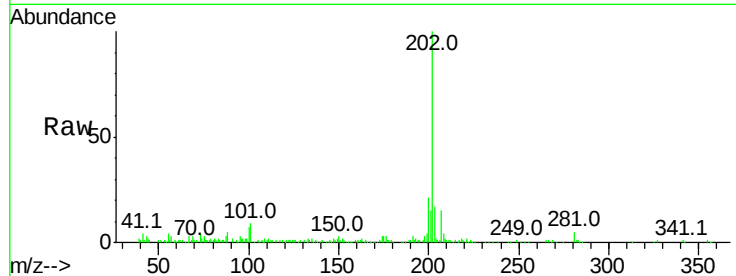
ClientSampleId :

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Tot Ion:	202	Resp:	151039
Ion Ratio	Lower	Upper	
202	100		
101	8.7	4.6	7.0#
100	7.2	3.4	5.2#

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#77

Pyrene

Concen: 2.790 ng/ul

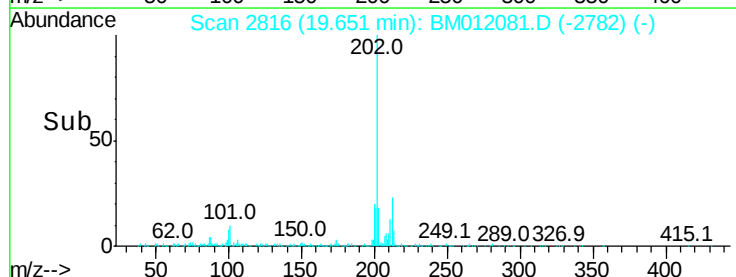
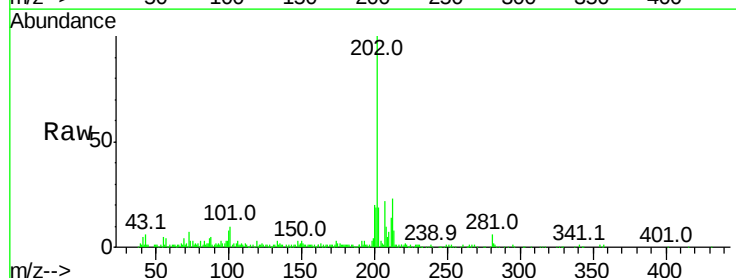
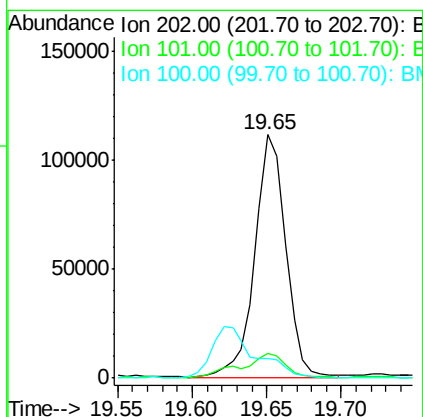
RT: 19.65 min Scan# 2816

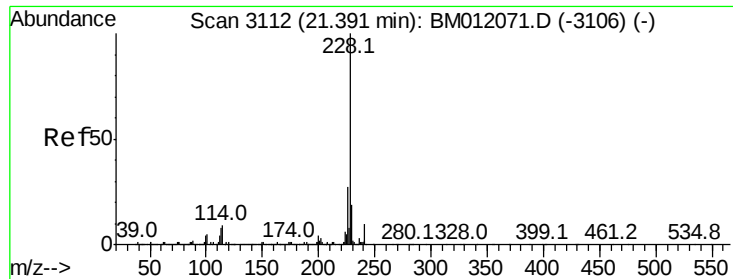
Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Tgt Ion:	202	Resp:	159915
Ion Ratio	Lower	Upper	
202	100		
101	10.4	5.1	7.7#
100	7.9	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 1.832 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

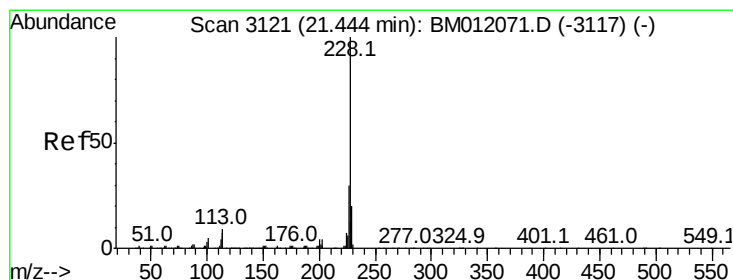
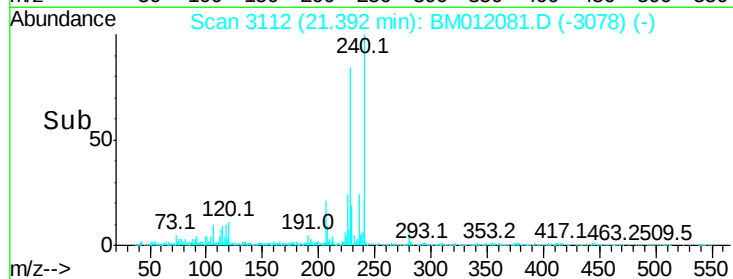
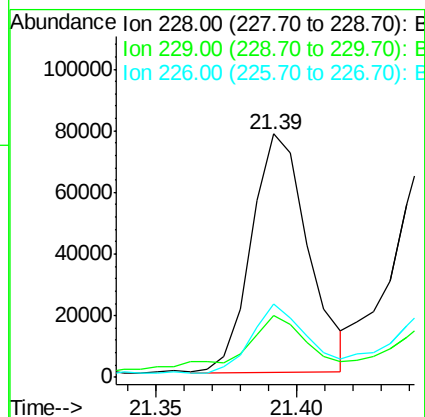
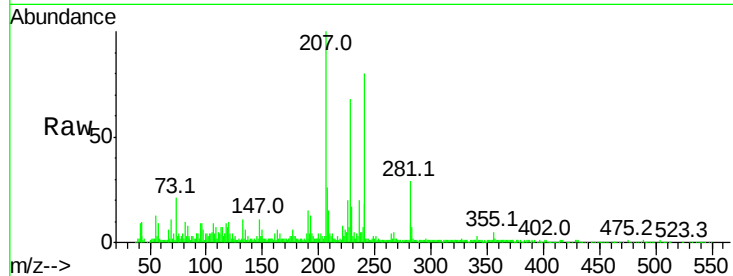
ClientSampled :

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Tot Ion:	228	Resp:	108470
Ion Ratio	Lower	Upper	
228	100		
229	25.4	15.4	23.0#
226	30.1	21.4	32.0

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#82

Chrysene

Concen: 1.923 ng/ul

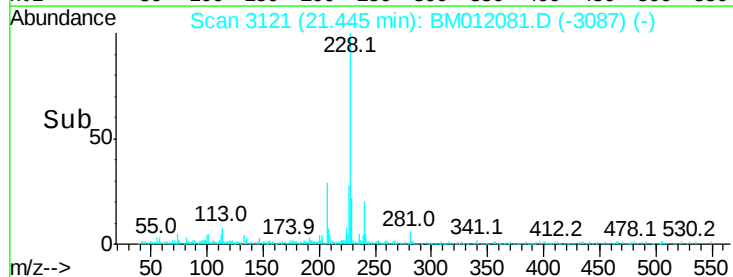
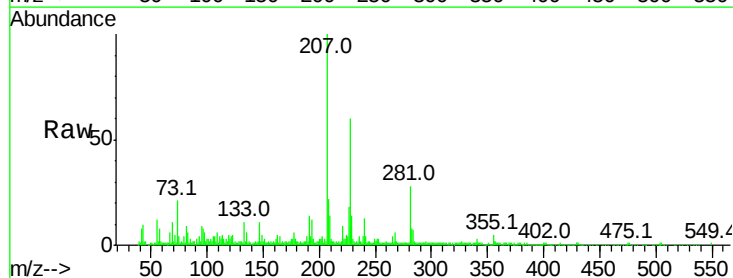
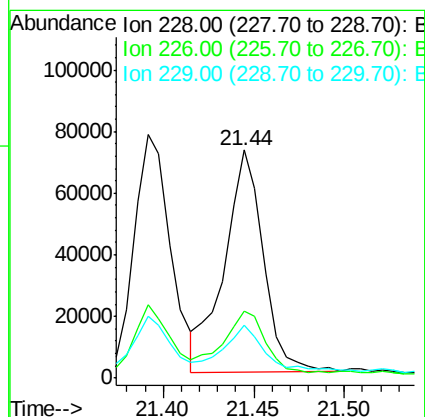
RT: 21.44 min Scan# 3121

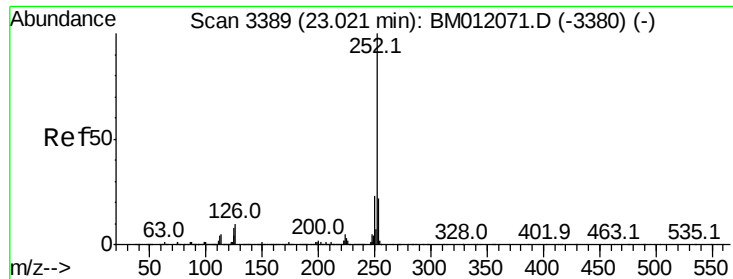
Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Tgt Ion:	228	Resp:	108161
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	23.4	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 2.114 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

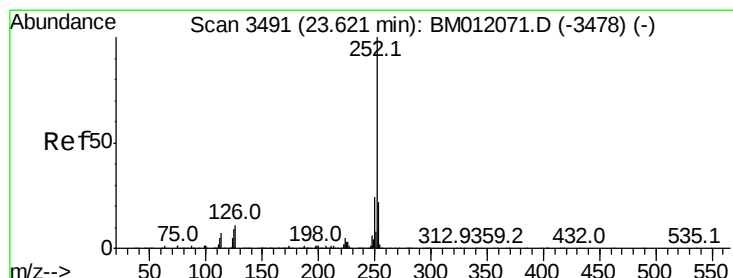
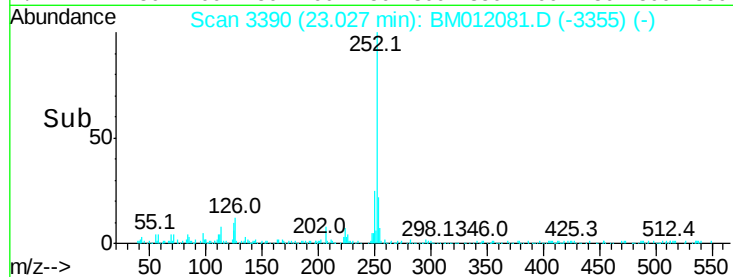
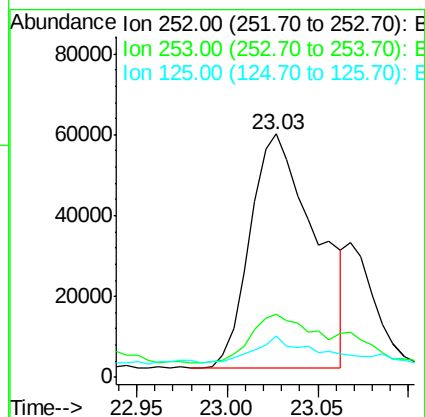
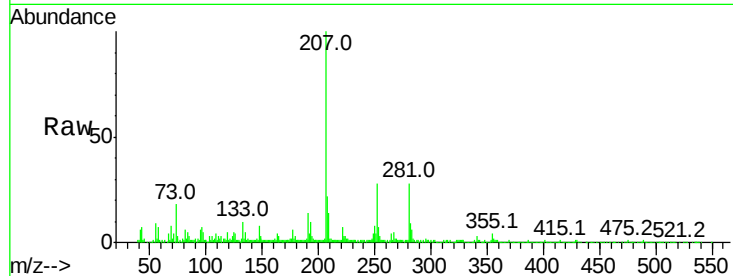
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.0	17.9	26.9	
125	16.9	3.6	5.4#	

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#88

Benzo(a)pyrene

Concen: 1.484 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	27.3	18.2	27.2#	
125	15.2	4.0	6.0#	

