

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012373.D
 Acq On : 21 Oct 2017 23:41
 Operator : SJ/JU
 Sample : I5771-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CW8

Manual Integrations
 APPROVED

Sohil
 10/23/2017 4:00:21 PM

Quant Time: Oct 23 07:58:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 07:28:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	233943	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1040167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	671462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1561451	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1469111	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1148161	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	19738	4.01	ng/uL	0.00
5) Phenol-d5	6.94	99	444584	23.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	282904	24.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	401146	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	409228	25.04	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	199386	25.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	233598	25.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	433266	24.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	449283	27.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1549438	26.11	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1849826	25.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	131138m	14.70	ng/ul	0.01
57) Fluorene-d10	15.41	176	1311297	26.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	168582	15.73	ng/ul	0.00
70) Anthracene-d10	17.27	188	1979148	25.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	2194260	29.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1428430	25.81	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.97	94	95519	4.868	ng/ul#	87
69) Phenanthrene	17.21	178	110760	1.247	ng/ul	98
74) Fluoranthene	19.23	202	268419	2.504	ng/ul#	97
77) Pyrene	19.59	202	262412	2.705	ng/ul	98
80) Benzo(a)anthracene	21.34	228	135286	1.415	ng/ul	98
82) Chrysene	21.39	228	138838	1.547	ng/ul	95
85) Benzo(b)fluoranthene	22.96	252	137759	1.839	ng/ul#	96
88) Benzo(a)pyrene	23.54	252	91501	1.296	ng/ul#	90

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

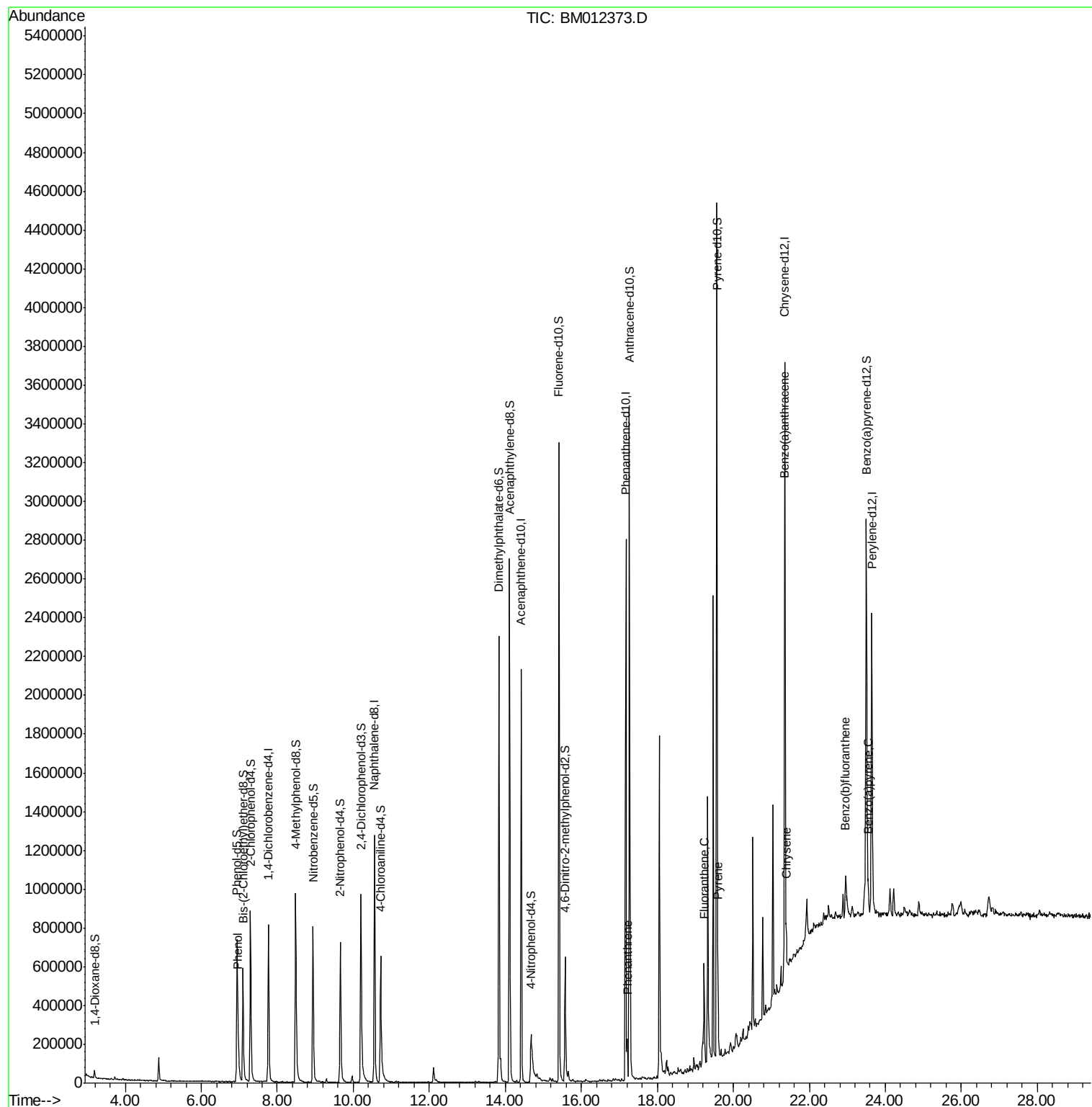
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
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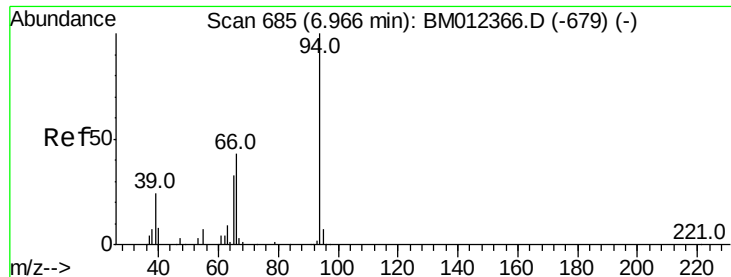
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Response via : Initial Calibration





#6

Phenol

Concen: 4.868 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

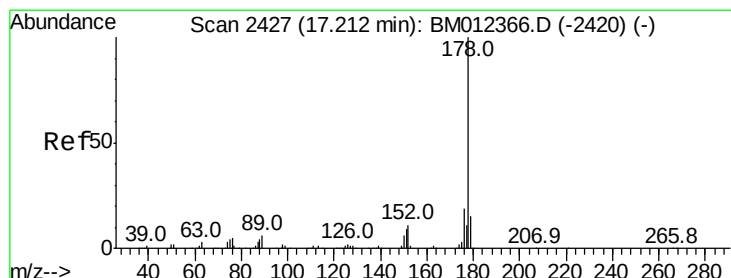
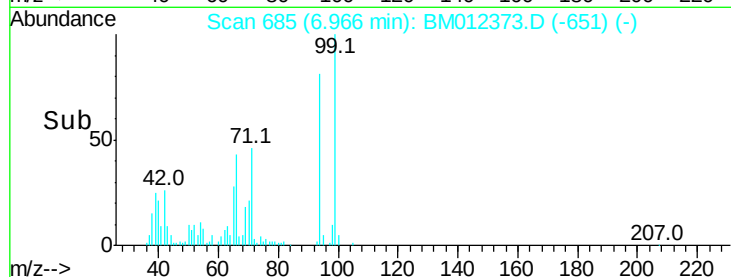
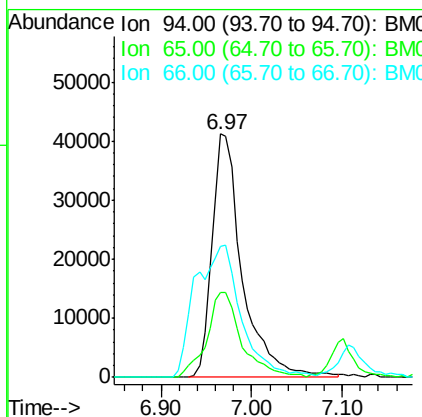
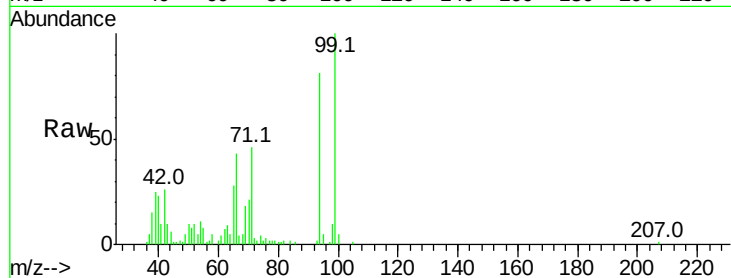
ClientSampleId :

B0CW8

Tot Ion:	94	Resp:	95519
Ion Ratio	Lower	Upper	
94	100		
65	35.1	24.4	36.6
66	54.0	35.0	52.4#

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#69

Phenanthrene

Concen: 1.247 ng/ul

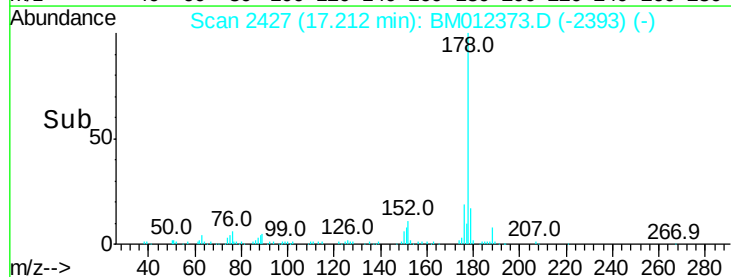
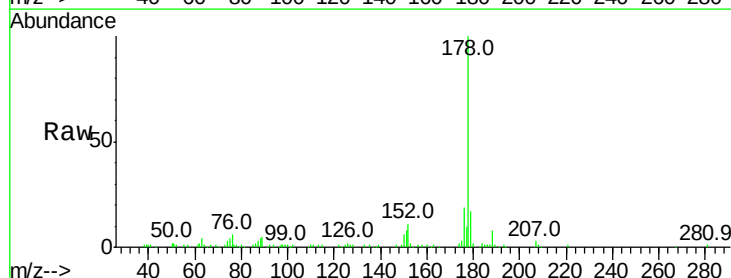
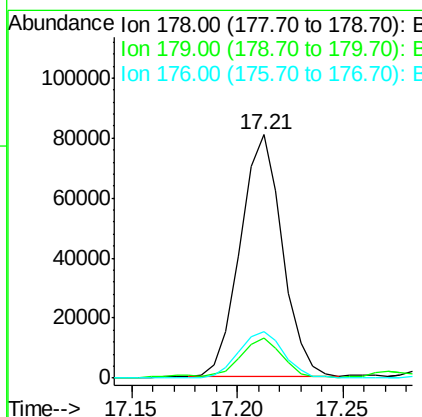
RT: 17.21 min Scan# 2427

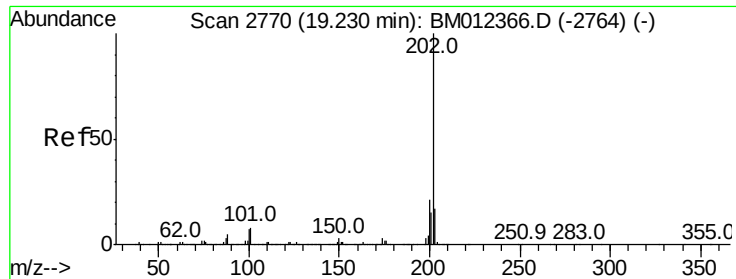
Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Tgt Ion:	178	Resp:	110760
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.0	18.0
176	19.0	15.0	22.6





#74

Fluoranthene

Concen: 2.504 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

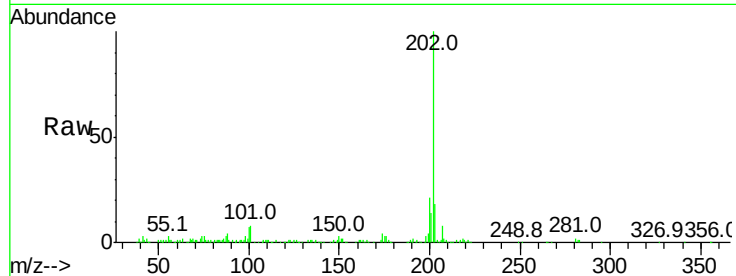
ClientSampled :

B0CW8

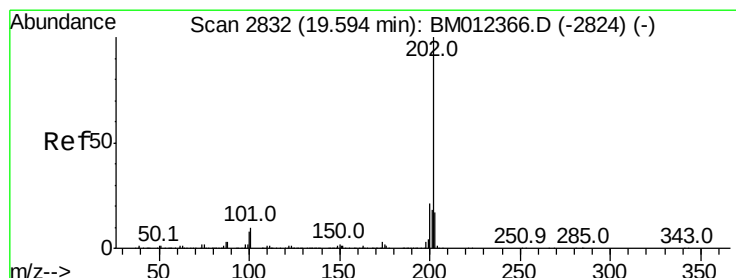
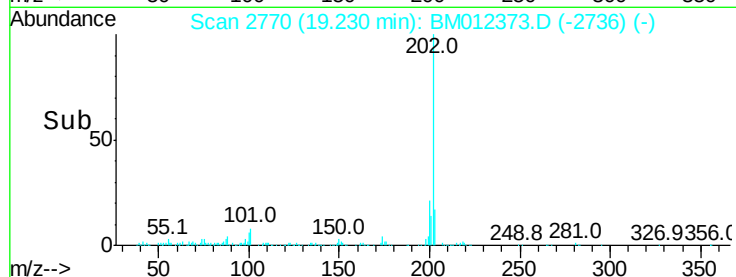
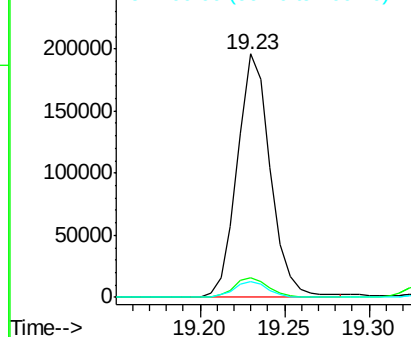
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	5.8	8.6
100	6.6	4.3	6.5#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 2.705 ng/ul

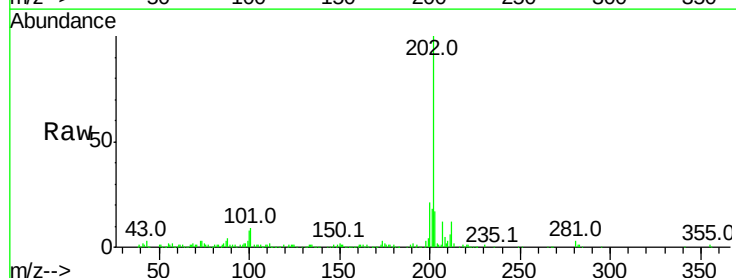
RT: 19.59 min Scan# 2832

Delta R.T. 0.00 min

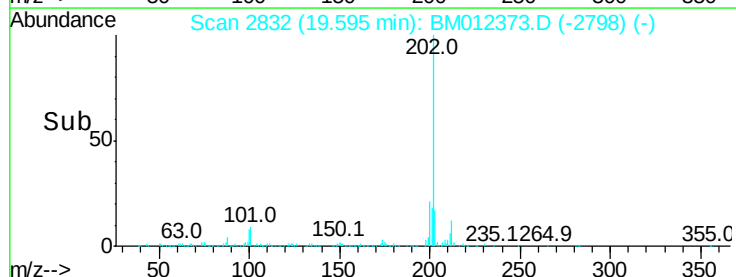
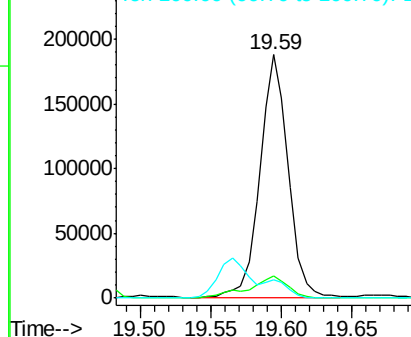
Lab File: BM012373.D

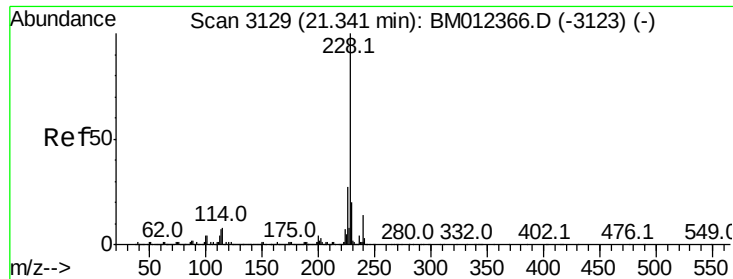
Acq: 21 Oct 2017 23:41

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	6.5	9.7
100	7.8	5.6	8.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.415 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

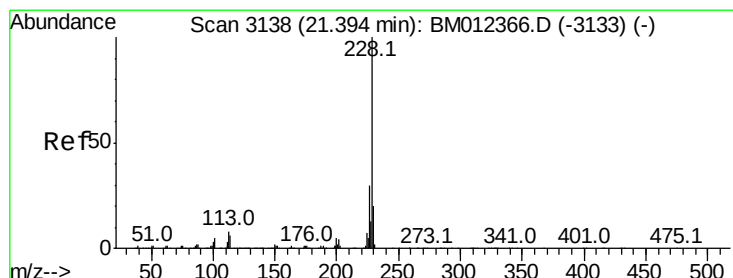
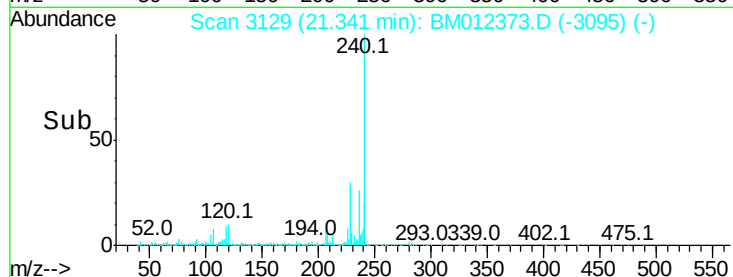
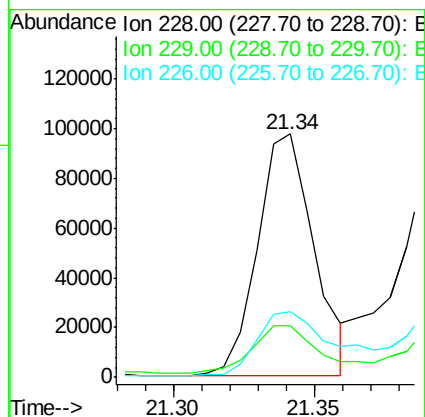
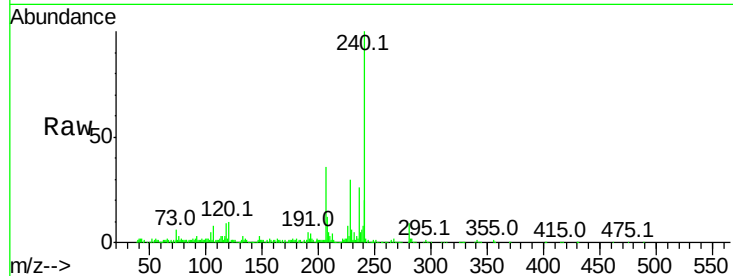
ClientSampleId :

B0CW8

Tot Ion:	228	Resp:	135286
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.8
226	27.1	21.4	32.2

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#82

Chrysene

Concen: 1.547 ng/ul

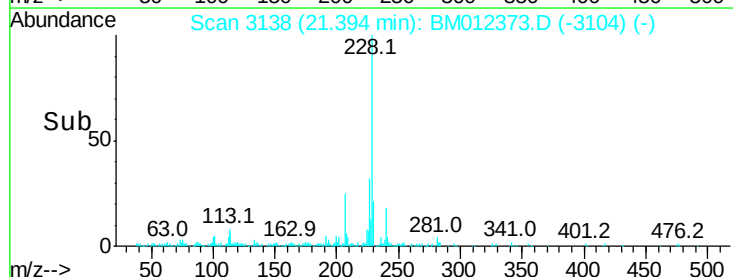
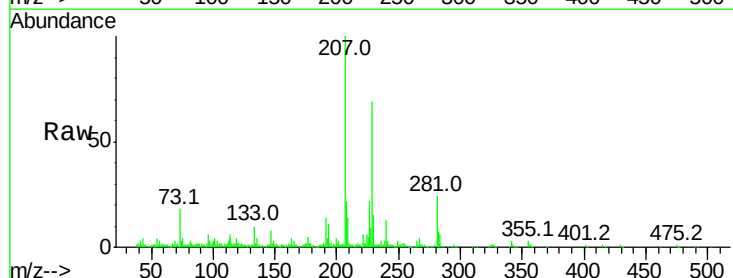
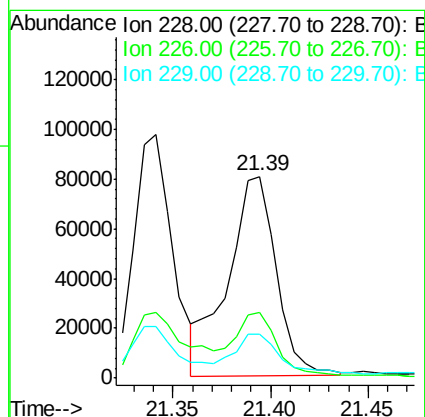
RT: 21.39 min Scan# 3138

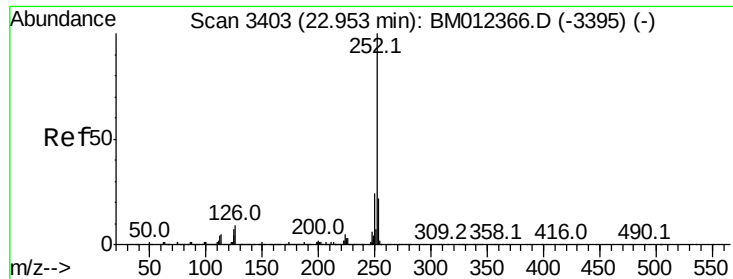
Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Tgt Ion:	228	Resp:	138838
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.0	36.0
229	22.1	15.5	23.3





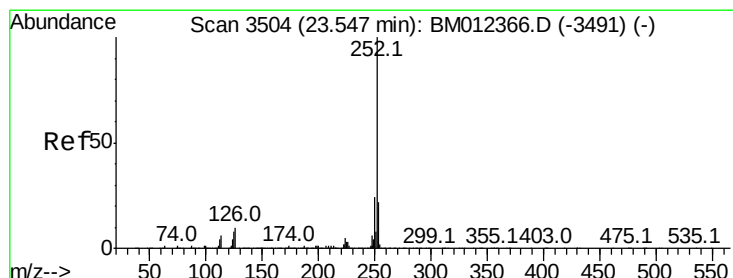
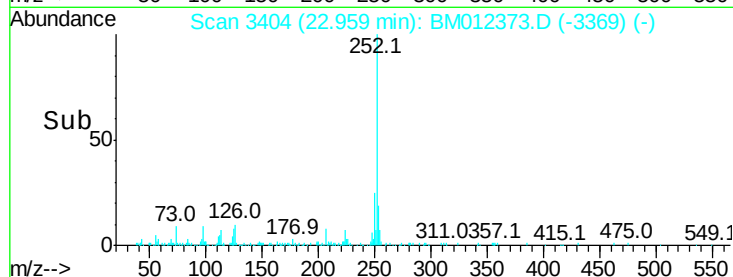
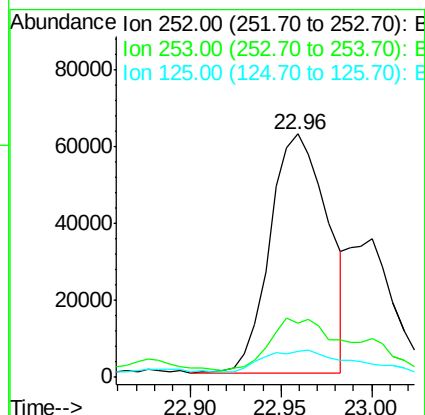
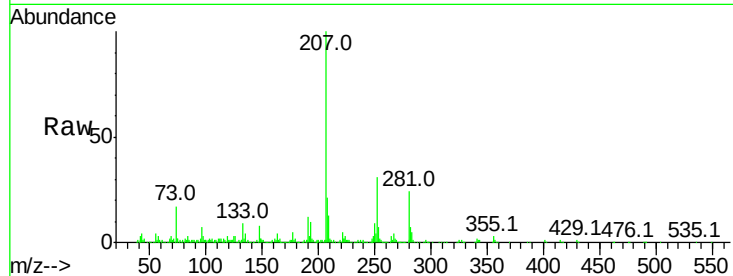
#85
Benzo(b)fluoranthene
Concen: 1.839 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012373.D
Acq: 21 Oct 2017 23:41

Instrument :
BNA_M
ClientSampled :
B0CW8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.6	5.1	7.7#

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#88
Benzo(a)pyrene
Concen: 1.296 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012373.D
Acq: 21 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	10.0	5.2	7.8#

