

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012380.D
 Acq On : 22 Oct 2017 03:55
 Operator : SJ/JU
 Sample : I5771-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CT6

Manual Integrations
 APPROVED

Sohil
 10/23/2017 4:00:27 PM

Quant Time: Oct 23 08:17:44 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	231491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1025136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	645693	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1513383	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1490695	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1138309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	18350	3.77	ng/uL	0.00
5) Phenol-d5	6.94	99	402986	21.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	264237	23.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	370918	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	359155	22.21	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	179713	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	208794	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	376401	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	394006	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1398422	24.50	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1654689	23.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	102057	11.90	ng/ul	0.02
57) Fluorene-d10	15.41	176	1188894	25.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	159543	15.36	ng/ul	0.00
70) Anthracene-d10	17.27	188	1826302	24.41	ng/ul	0.00
76) Pyrene-d10	19.57	212	2109794	27.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1389744	25.32	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.97	94	72190	3.718	ng/ul#	84
69) Phenanthrene	17.21	178	171172	1.988	ng/ul	99
74) Fluoranthene	19.23	202	586507	5.645	ng/ul	97
77) Pyrene	19.59	202	535305	5.437	ng/ul	99
80) Benzo(a)anthracene	21.34	228	348014	3.588	ng/ul	98
82) Chrysene	21.39	228	283397	3.112	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	294726	3.968	ng/ul#	95
86) Benzo(k)fluoranthene	22.99	252	111056m	1.551	ng/ul	
88) Benzo(a)pyrene	23.54	252	192148	2.744	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	25.98	276	101778	1.369	ng/ul	99
91) Benzo(g,h,i)perylene	26.71	276	78002	1.281	ng/ul#	90

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

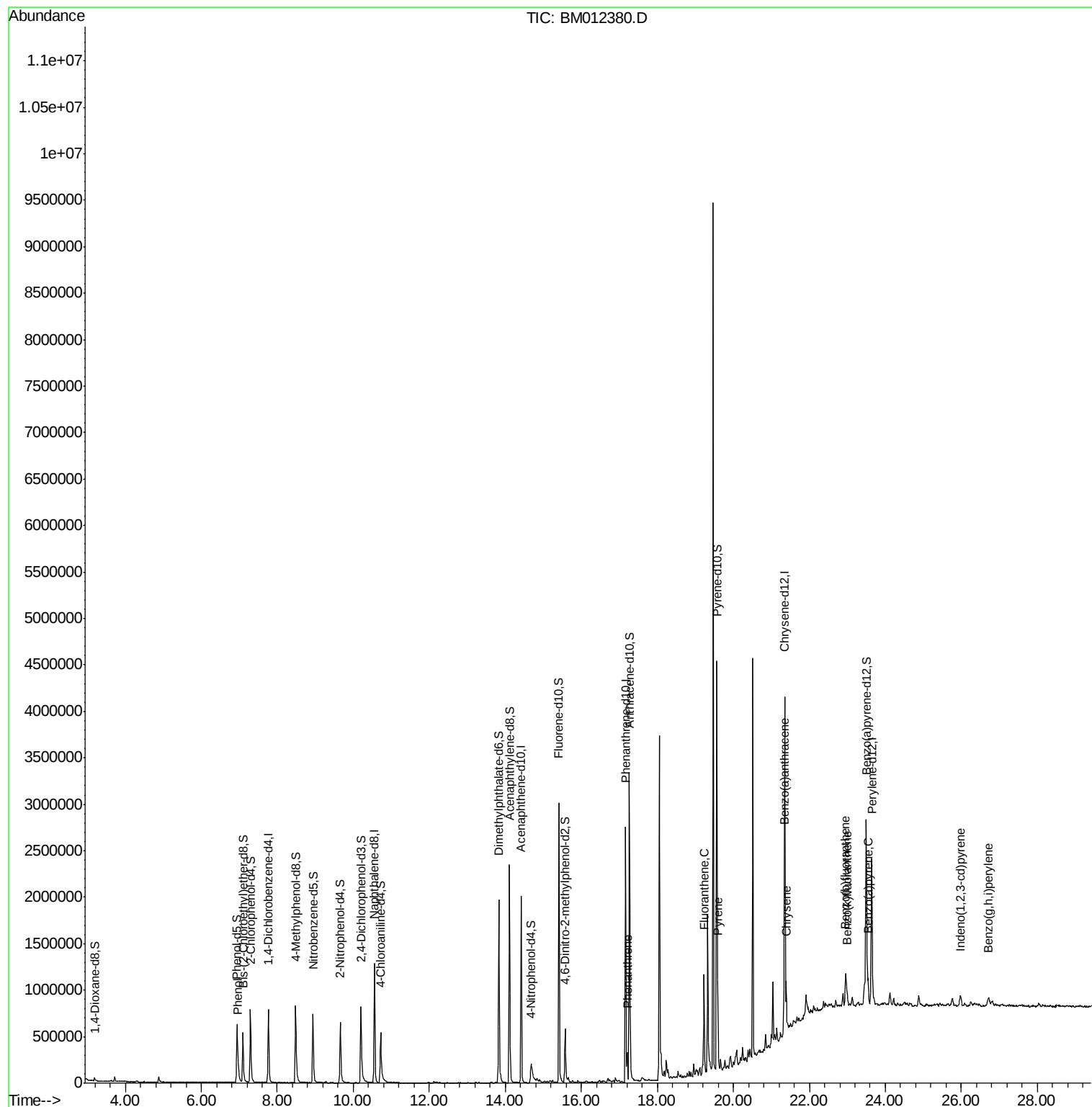
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012380.D
Acq On : 22 Oct 2017 03:55
Operator : SJ/JU
Sample : I5771-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

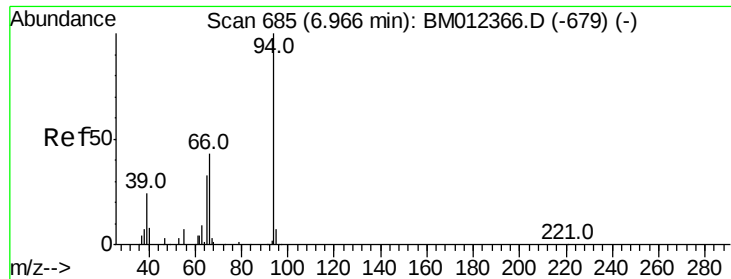
Instrument :
BNA_M
ClientSampleId :
B0CT6

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Quant Time: Oct 23 08:17:44 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





#6

Phenol

Concen: 3.718 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

ClientSampleId :

B0CT6

Tot Ion: 94 Resp: 72190

Ion Ratio Lower Upper

94 100

65 35.4 24.4 36.6

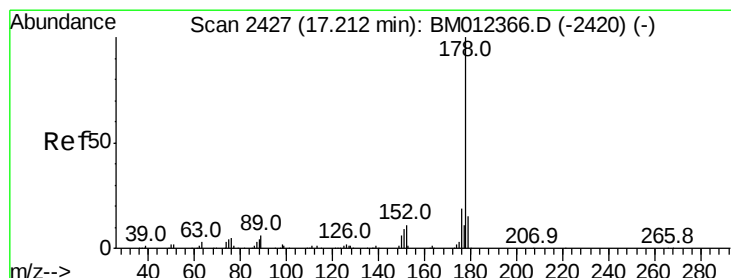
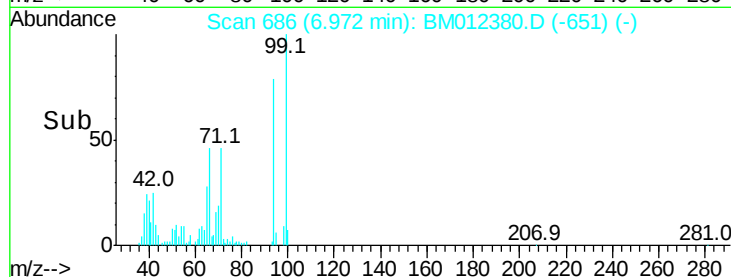
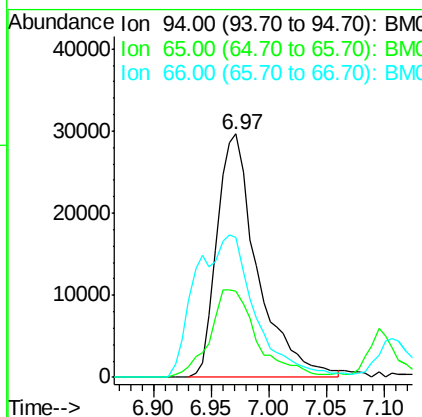
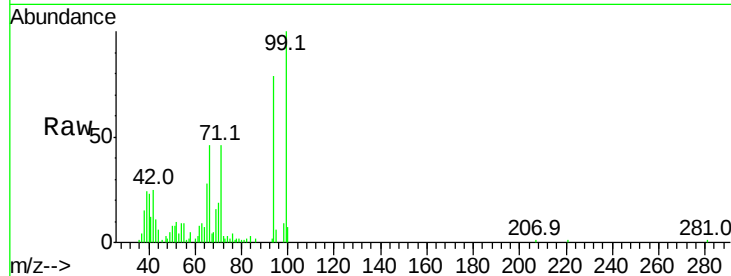
66 57.6 35.0 52.4#

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#69

Phenanthrene

Concen: 1.988 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

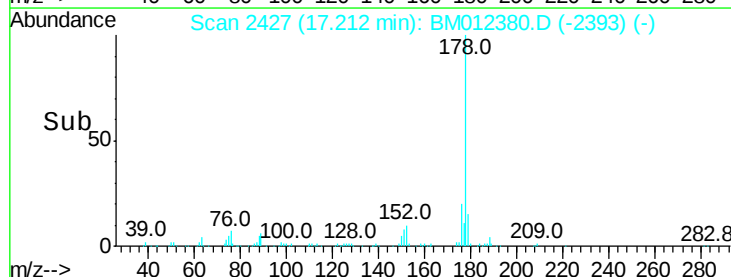
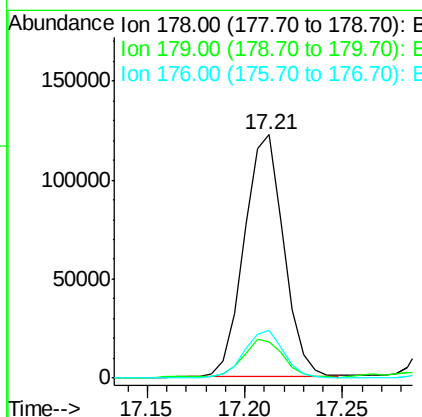
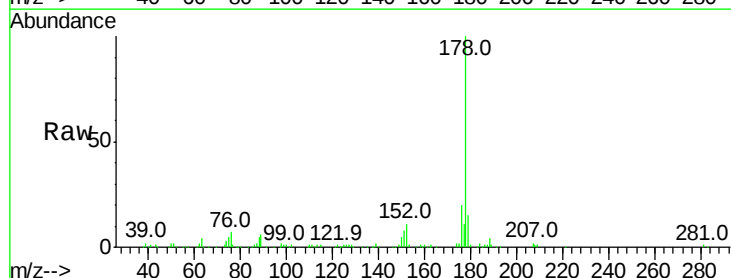
Tgt Ion: 178 Resp: 171172

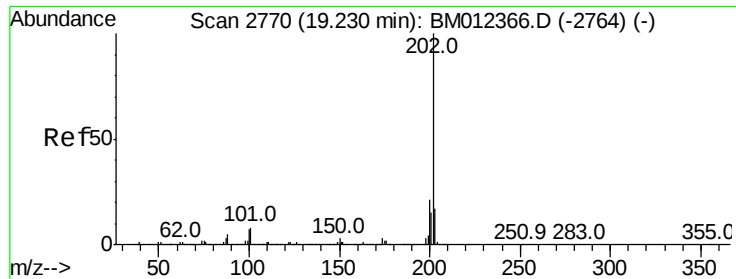
Ion Ratio Lower Upper

178 100

179 14.9 12.0 18.0

176 19.8 15.0 22.6





#74

Fluoranthene

Concen: 5.645 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

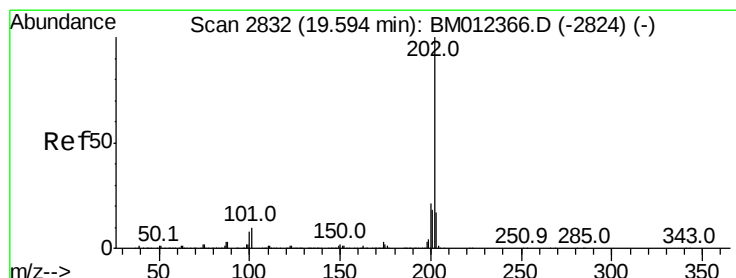
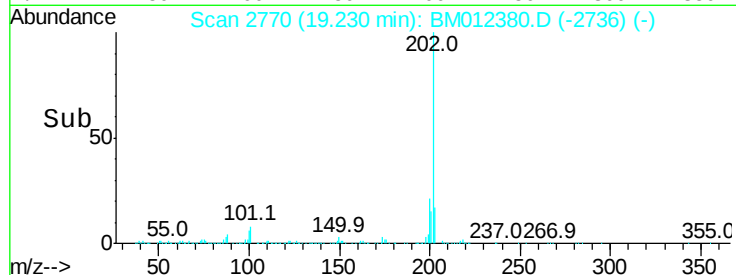
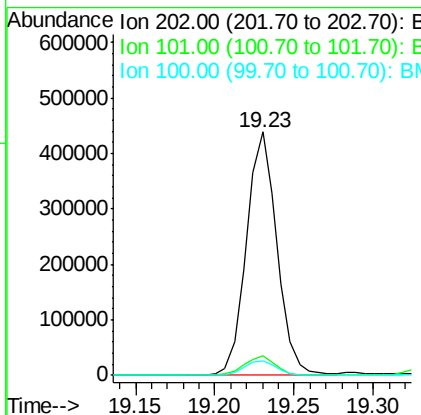
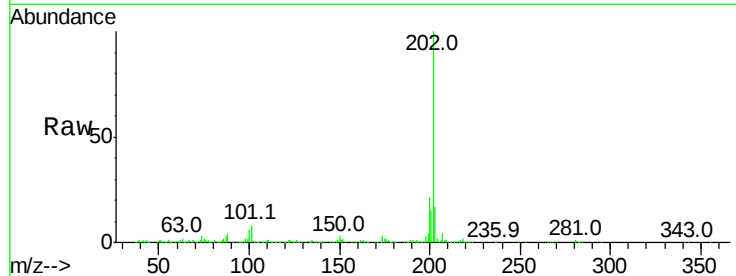
ClientSampleId :

B0CT6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	5.8	8.6
100	6.2	4.3	6.5

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#77

Pyrene

Concen: 5.437 ng/ul

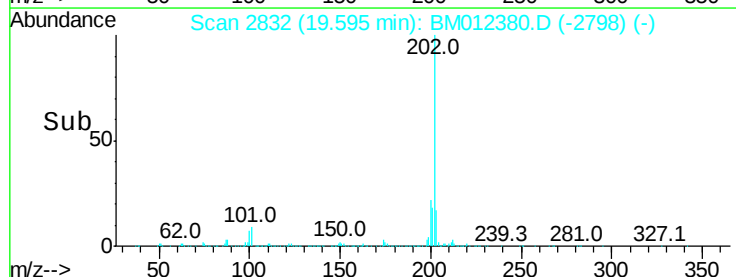
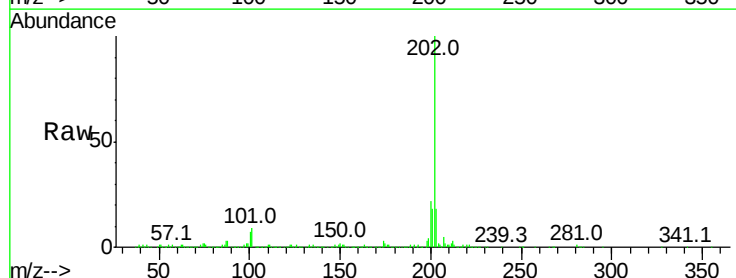
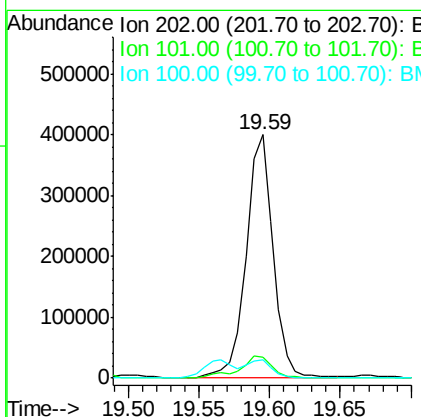
RT: 19.59 min Scan# 2832

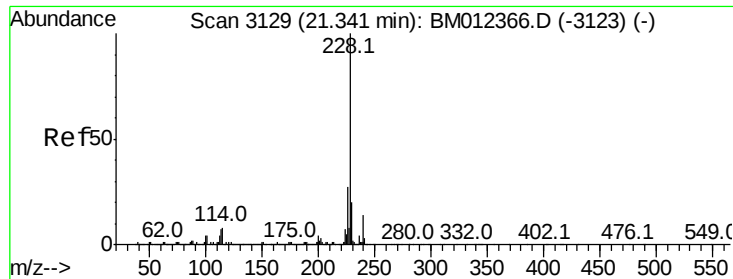
Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	6.5	9.7
100	7.5	5.6	8.4





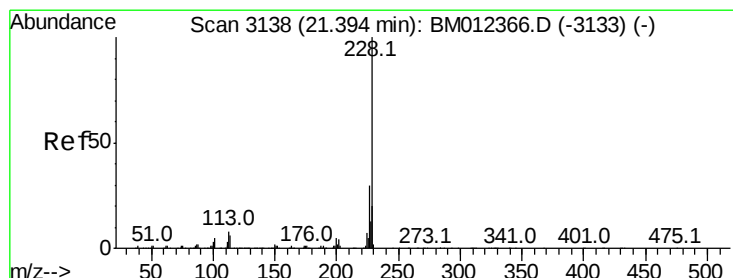
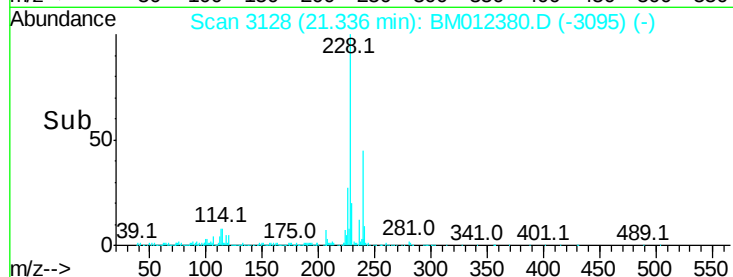
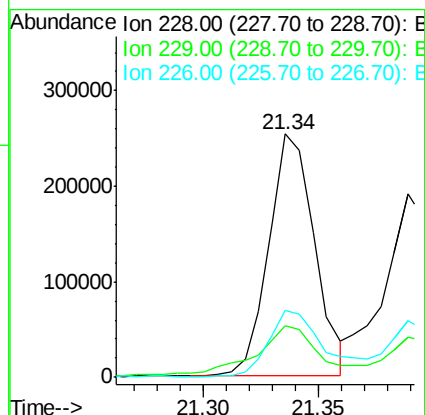
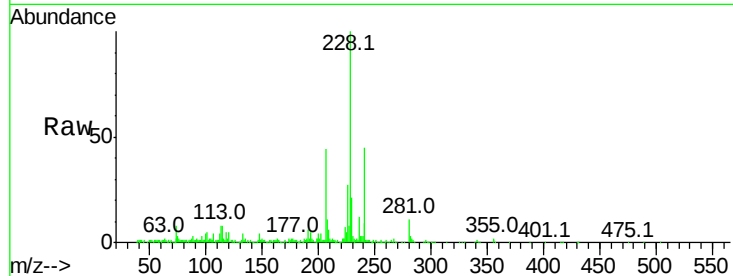
#80
Benzo(a)anthracene
Concen: 3.588 ng/ul
RT: 21.34 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM012380.D
Acq: 22 Oct 2017 03:55

Instrument :
BNA_M
ClientSampleId :
B0CT6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	27.5	21.4	32.2

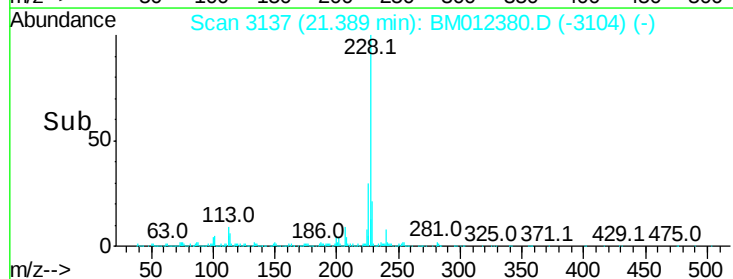
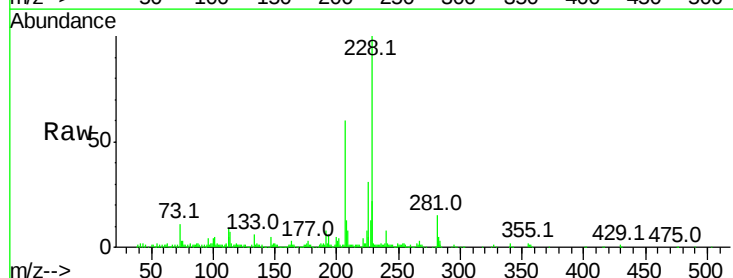
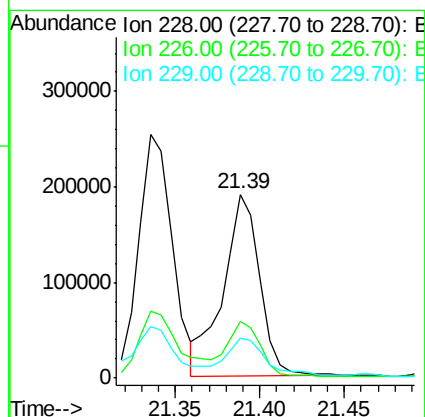
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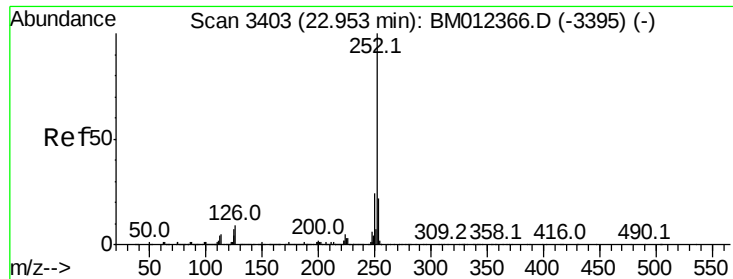
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#82
Chrysene
Concen: 3.112 ng/ul
RT: 21.39 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM012380.D
Acq: 22 Oct 2017 03:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	21.6	15.5	23.3





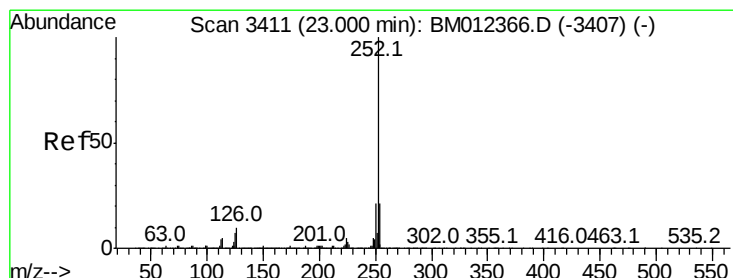
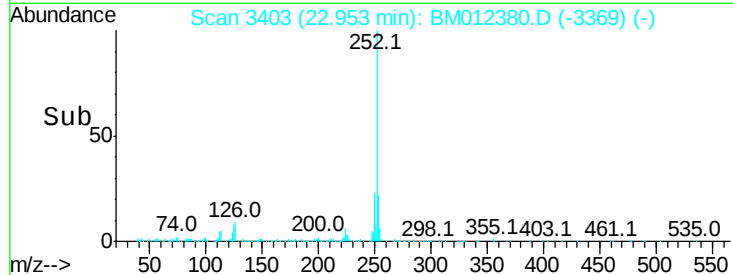
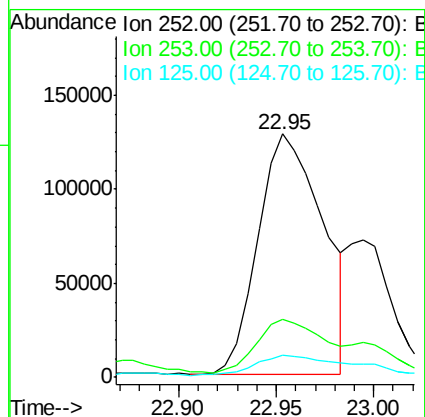
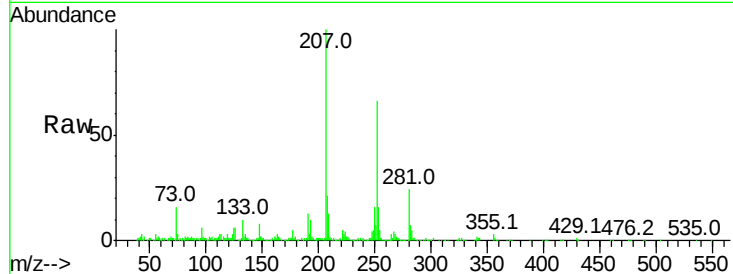
#85
Benzo(b)fluoranthene
Concen: 3.968 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. 0.00 min
Lab File: BM012380.D
Acq: 22 Oct 2017 03:55

Instrument :
BNA_M
ClientSampleId :
B0CT6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	9.0	5.1	7.7#

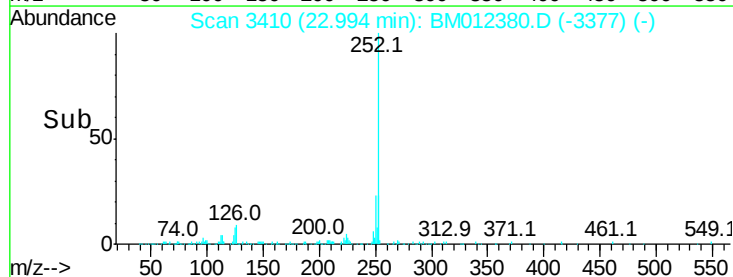
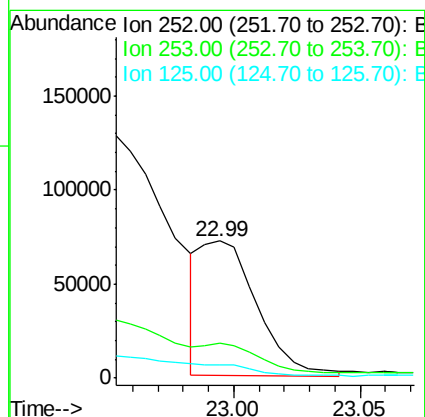
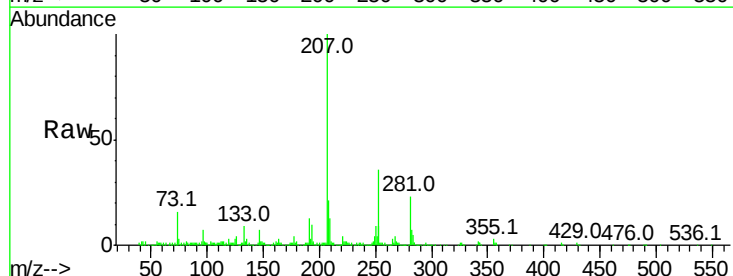
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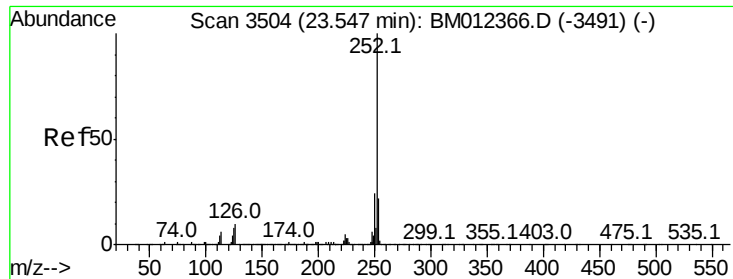
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#86
Benzo(k)fluoranthene
Concen: 1.551 ng/ul m
RT: 22.99 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BM012380.D
Acq: 22 Oct 2017 03:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	9.7	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 2.744 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

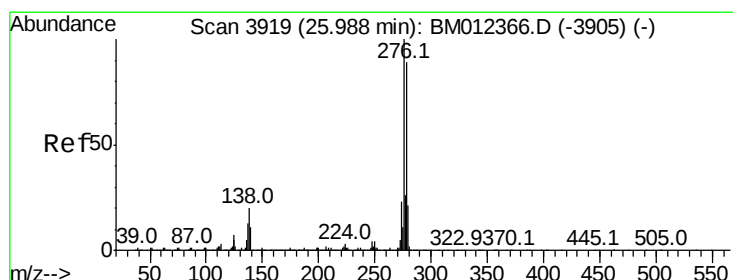
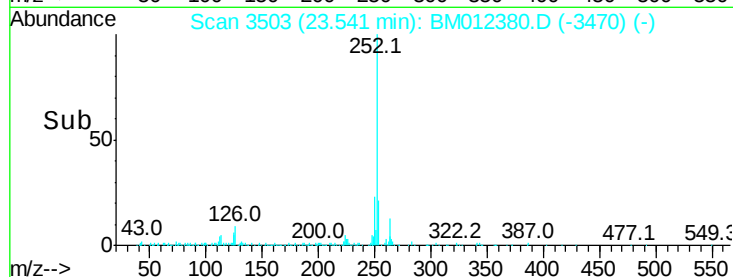
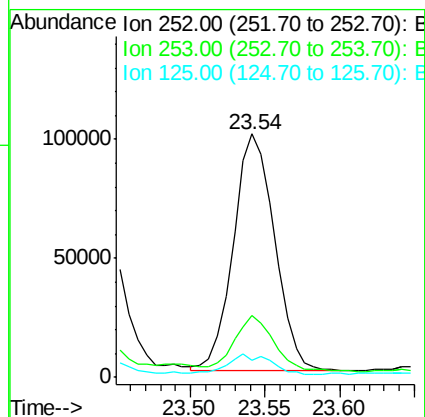
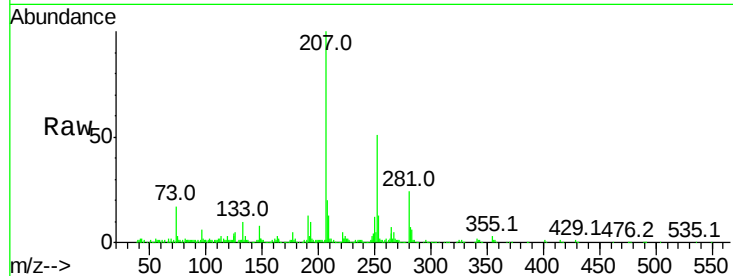
ClientSampleId :

B0CT6

Tot Ion:	252	Resp:	192148
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.1	25.7
125	7.1	5.2	7.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.369 ng/ul

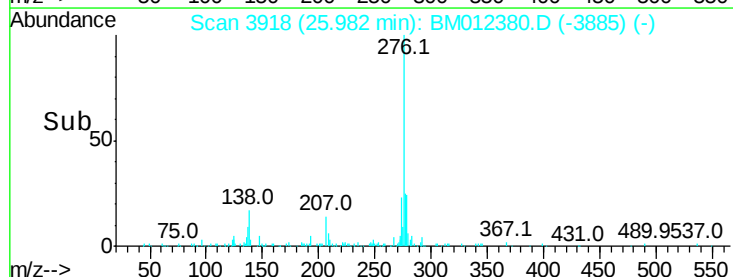
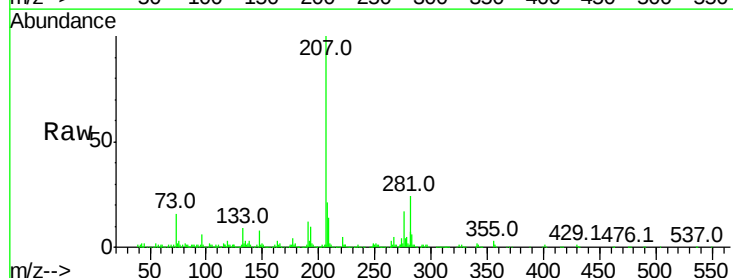
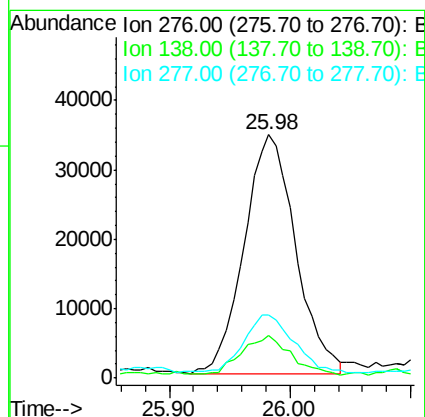
RT: 25.98 min Scan# 3918

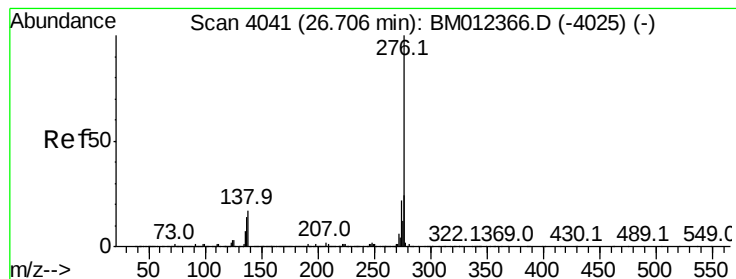
Delta R.T. -0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Tgt Ion:	276	Resp:	101778
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.2	19.8
277	25.8	20.6	31.0





#91

Benzo(a,h,i)perylene

Concen: 1.281 ng/ul

RT: 26.71 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

ClientSampleId :

B0CT6

Tot Ion:	276	Resp:	78002
Ion Ratio	Lower	Upper	
276	100		
138	24.5	10.7	16.1#
277	23.9	19.0	28.4

Manual Integrations
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