

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012379.D
 Acq On : 22 Oct 2017 03:19
 Operator : SJ/JU
 Sample : I5771-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CR2

Manual Integrations
 APPROVED

Sohil
 10/23/2017 4:00:26 PM

Quant Time: Oct 23 08:13:41 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	201581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	897929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	580806	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1361815	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1448180	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1147699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	11057m	2.61	ng/uL	0.00
5) Phenol-d5	6.94	99	198459	12.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	137364	14.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	187602	13.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	163195	11.59	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	93129	13.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	108111	13.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	194061m	12.70	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	213764	14.94	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	750255	14.62	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	877061	14.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	42539m	5.51	ng/ul	0.04
57) Fluorene-d10	15.41	176	646143	15.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	71049	7.60	ng/ul	0.00
70) Anthracene-d10	17.27	188	989937	14.70	ng/ul	0.00
76) Pyrene-d10	19.57	212	1158906	15.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	812798	14.69	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.97	94	52956	3.132	ng/ul 91
44) Dimethylphthalate	13.88	163	396300	7.706	ng/ul 99
69) Phenanthrene	17.21	178	242138	3.126	ng/ul 100
74) Fluoranthene	19.23	202	431794	4.619	ng/ul 98
77) Pyrene	19.59	202	384391	4.019	ng/ul# 95
80) Benzo(a)anthracene	21.34	228	206646	2.193	ng/ul 99
82) Chrysene	21.39	228	193542	2.188	ng/ul 97
85) Benzo(b)fluoranthene	22.95	252	212536	2.838	ng/ul# 93
88) Benzo(a)pyrene	23.54	252	127163	1.801	ng/ul# 93

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

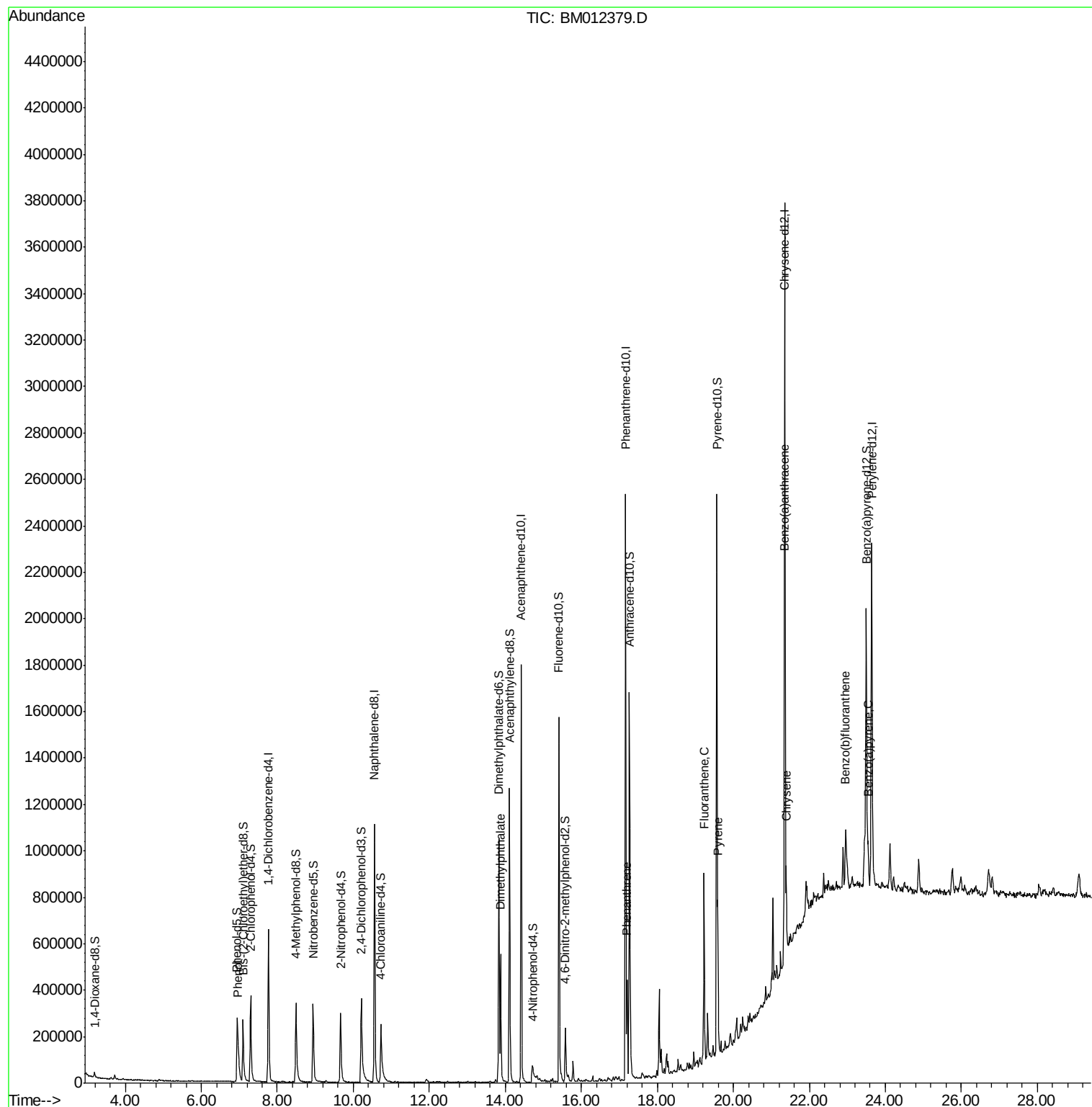
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
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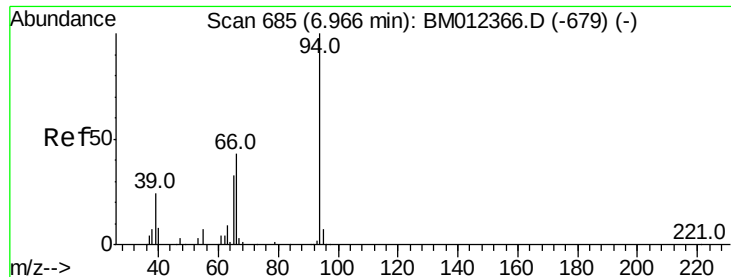
Instrument :
BNA_M
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Quant Time: Oct 23 08:13:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
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Manual Integrations
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#6

Phenol

Concen: 3.132 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

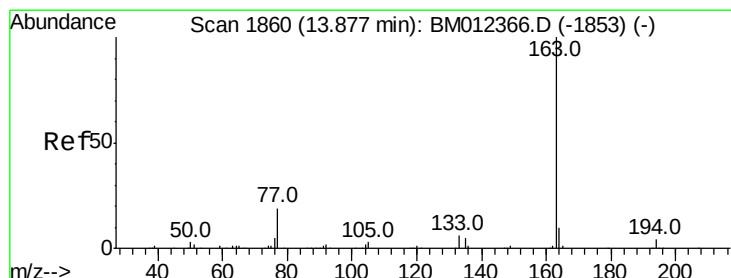
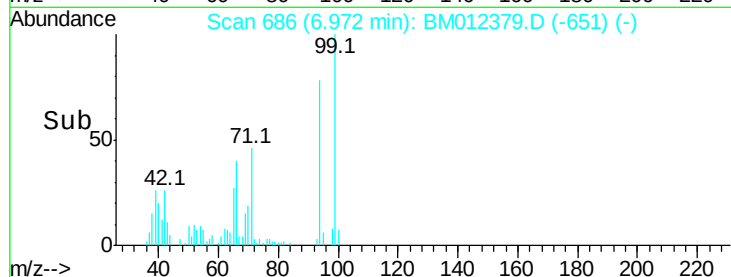
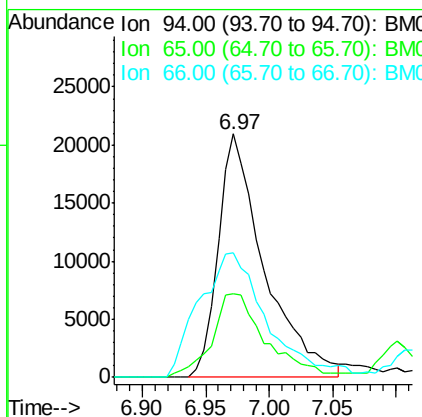
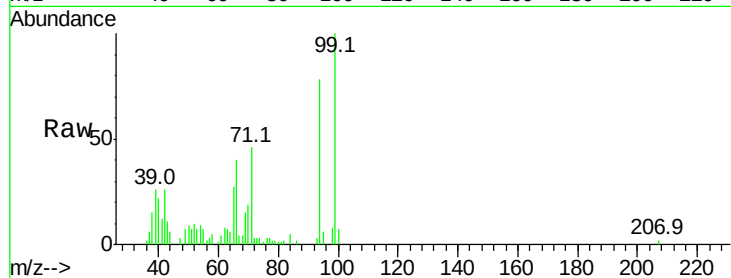
ClientSampled :

B0CR2

Tot Ion:	94	Resp:	52956
Ion Ratio	Lower	Upper	
94	100		
65	34.1	24.4	36.6
66	51.0	35.0	52.4

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#44

Dimethylphthalate

Concen: 7.706 ng/ul

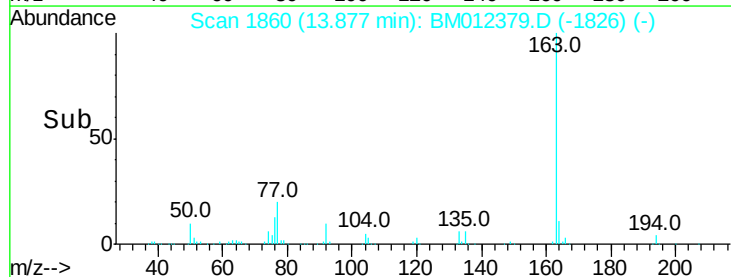
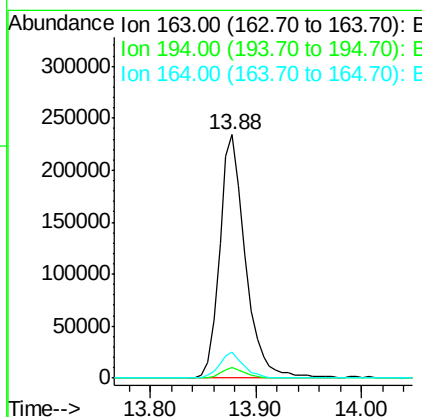
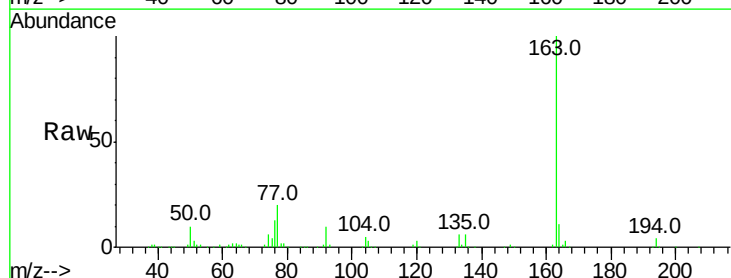
RT: 13.88 min Scan# 1860

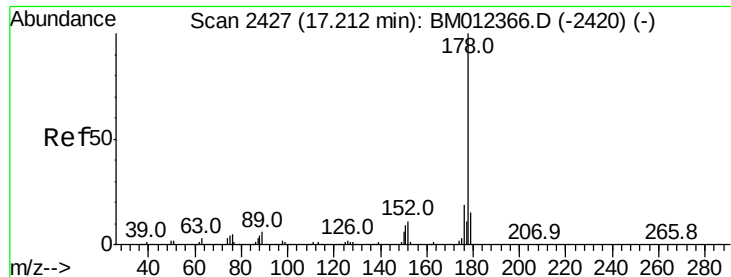
Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Tgt Ion:	163	Resp:	396300
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	10.5	8.1	12.1





#69

Phenanthrene

Concen: 3.126 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

ClientSampleId :

B0CR2

Tot Ion:178 Resp: 242138

Ion Ratio Lower Upper

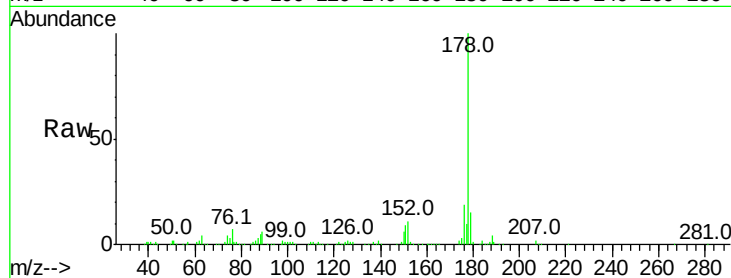
178 100

179 14.6 12.0 18.0

176 18.8 15.0 22.6

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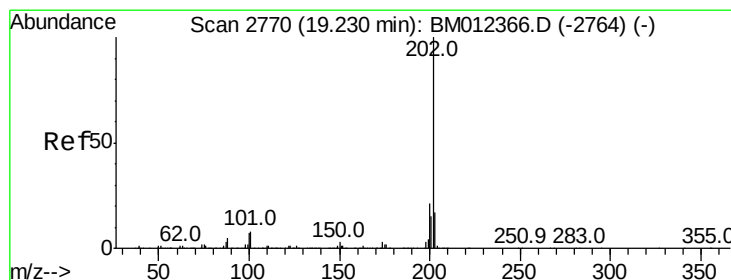
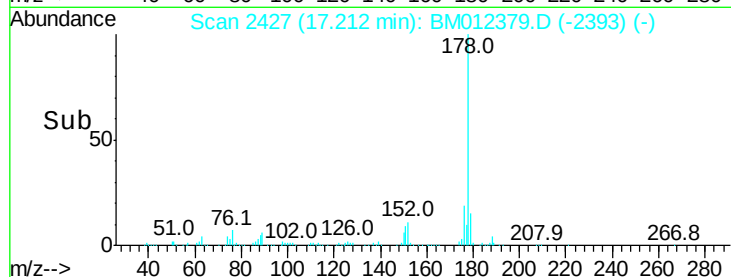
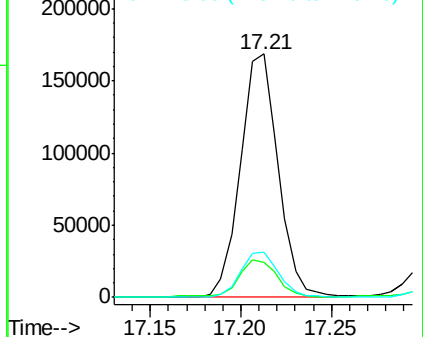
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 4.619 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

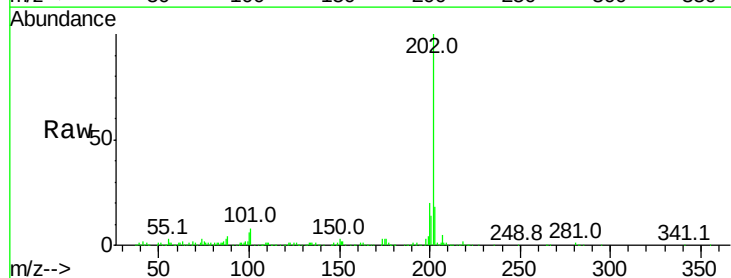
Tgt Ion:202 Resp: 431794

Ion Ratio Lower Upper

202 100

101 7.9 5.8 8.6

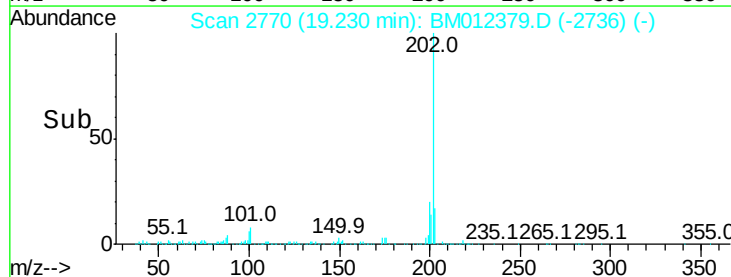
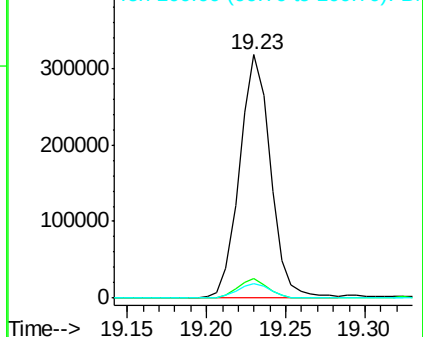
100 6.0 4.3 6.5

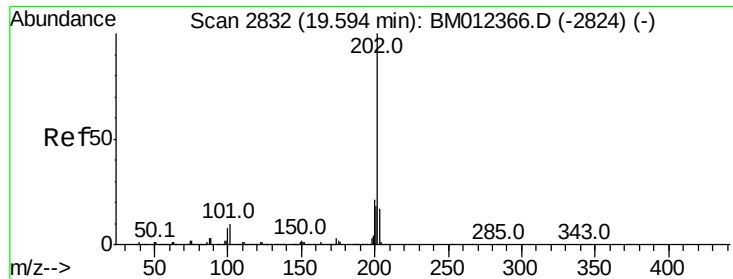


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.019 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

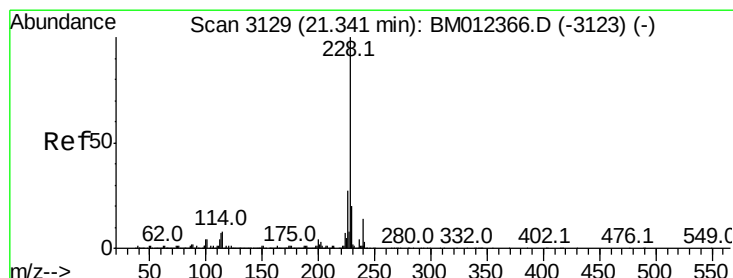
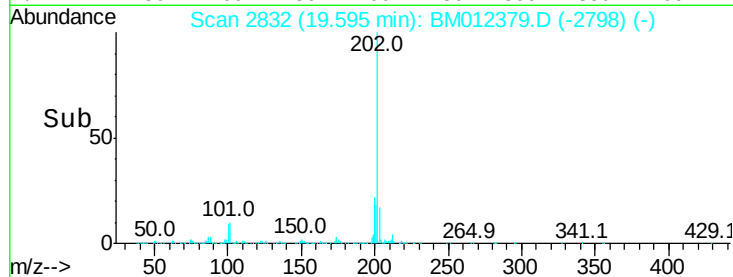
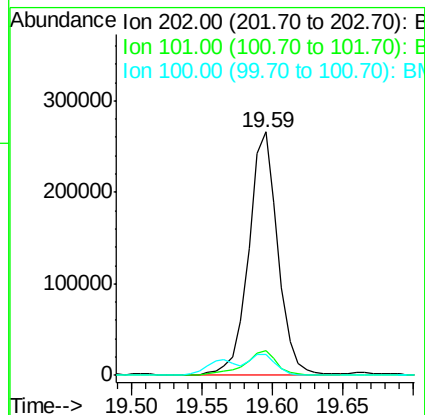
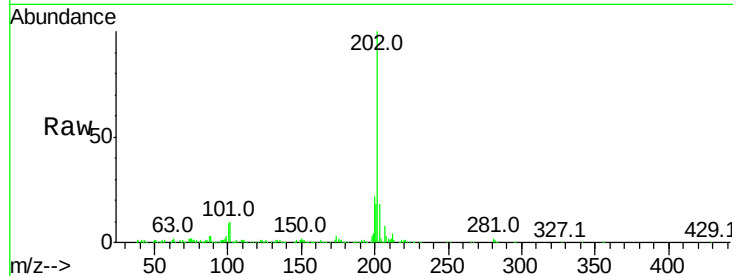
ClientSampleId :

B0CR2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	6.5	9.7#
100	8.6	5.6	8.4#

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#80

Benzo(a)anthracene

Concen: 2.193 ng/ul

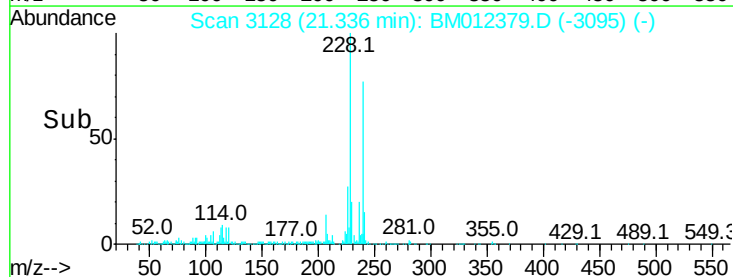
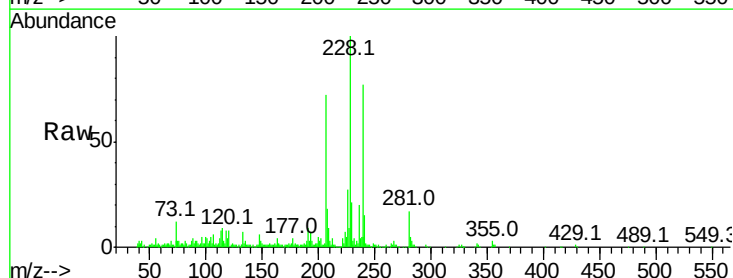
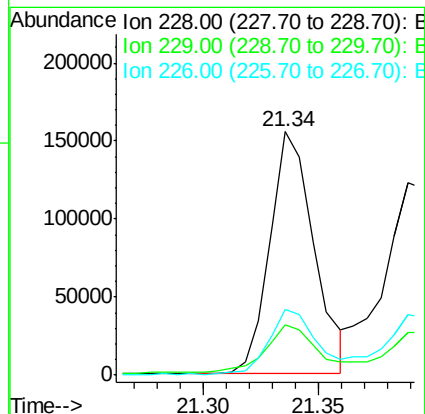
RT: 21.34 min Scan# 3128

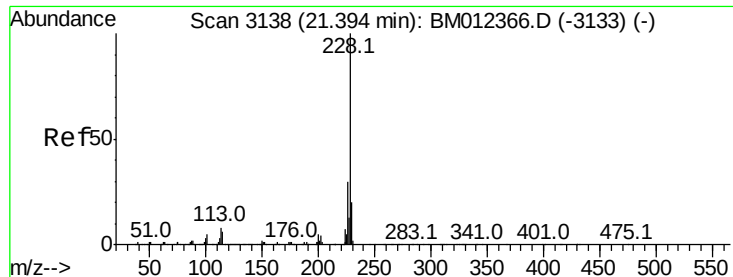
Delta R.T. -0.01 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.1	21.4	32.2





#82

Chrysene

Concen: 2.188 ng/ul

RT: 21.39 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

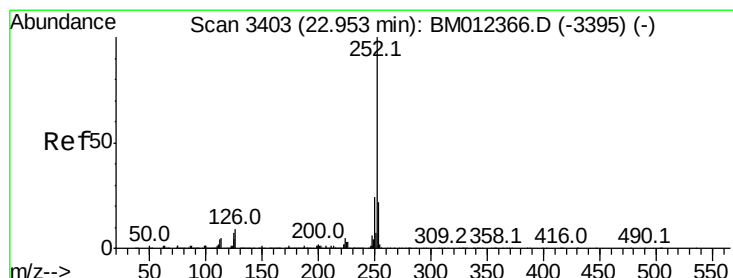
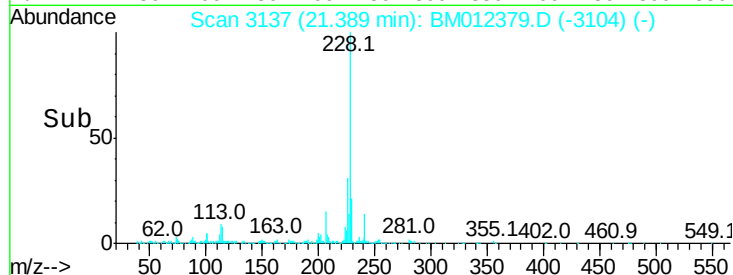
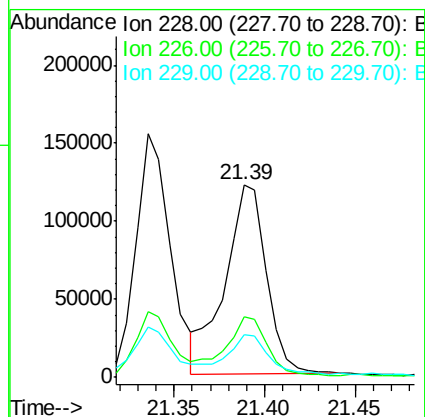
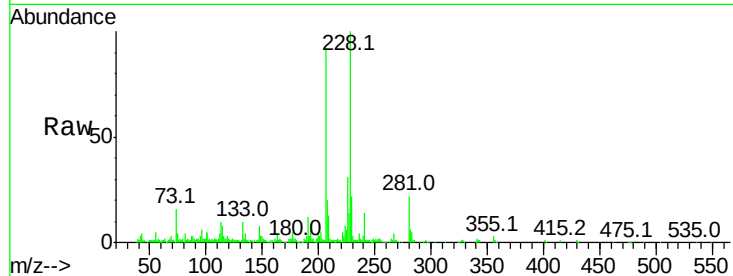
ClientSampled :

B0CR2

Tot Ion:	228	Resp:	193542
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.0	36.0
229	22.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 2.838 ng/ul

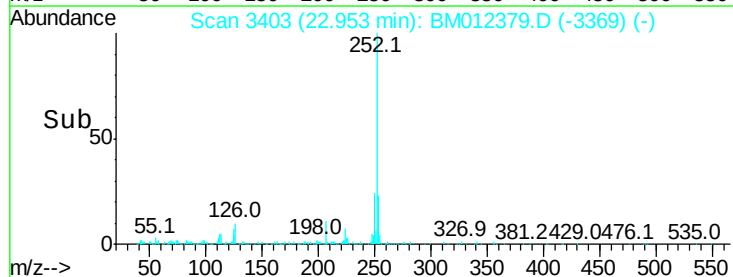
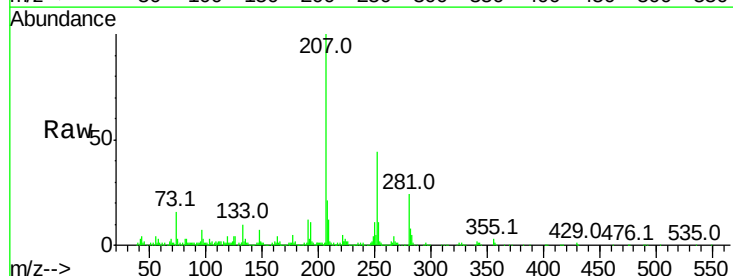
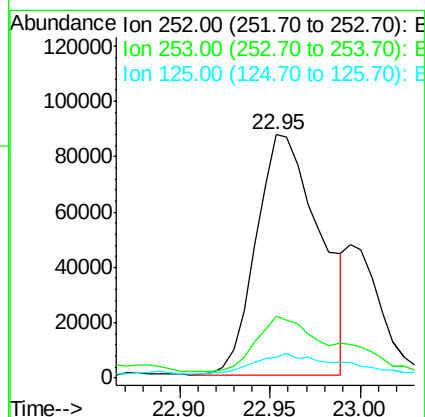
RT: 22.95 min Scan# 3403

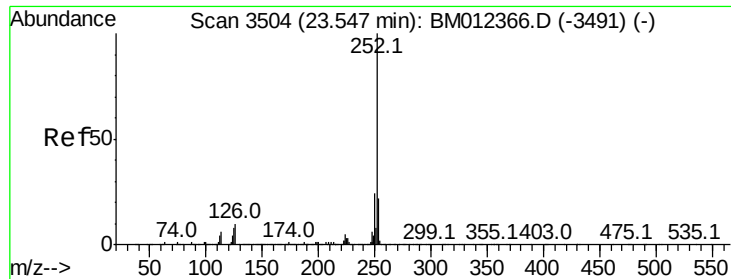
Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Tgt Ion:	252	Resp:	212536
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.2
125	8.4	5.1	7.7#





#88

Benzo(a)pyrene

Concen: 1.801 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012379.D

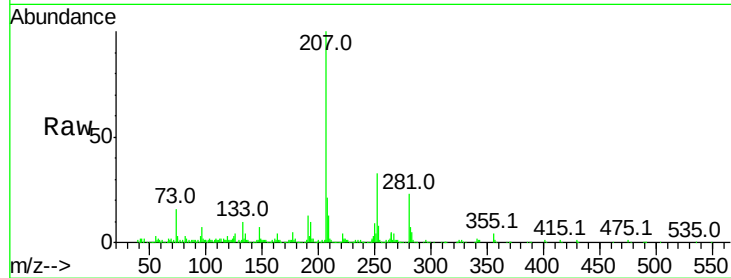
Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

ClientSampleId :

B0CR2



Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	17.1	25.7
125	9.7	5.2	7.8#

Manual Integrations
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