

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012464.D
 Acq On : 26 Oct 2017 03:14
 Operator : SJ/JU
 Sample : I5873-01 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(2-4)_101117

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:32 AM

Quant Time: Oct 26 13:41:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	608560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2517225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1493695	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2984692	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2357713	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2641782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	32390	2.72	ng/uL	0.00
5) Phenol-d5	7.05	99	666823	13.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	451905	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	516951	13.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	395381	9.10	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	279358	17.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	263800	16.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	507408	11.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	596791	13.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1936021	14.84	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2386057	15.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	6893	0.36	ng/ul	0.00
57) Fluorene-d10	15.50	176	1610907	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	2750	0.19	ng/ul	0.00
70) Anthracene-d10	17.35	188	2214138	15.57	ng/ul	0.00
76) Pyrene-d10	19.64	212	2005797	18.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1978334	15.76	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.07	94	152823	2.887	ng/ul#	86
44) Dimethylphthalate	13.96	163	1194635m	9.255	ng/ul	
69) Phenanthrene	17.29	178	253397	1.570	ng/ul	99
73) Di-n-butylphthalate	18.22	149	222622	1.263	ng/ul	97
74) Fluoranthene	19.30	202	341143	1.865	ng/ul#	95
77) Pyrene	19.67	202	324642	2.421	ng/ul#	95
81) Bis(2-ethylhexyl)phthalate	21.34	149	562405	6.998	ng/ul	99
82) Chrysene	21.46	228	184427	1.469	ng/ul#	93
85) Benzo(b)fluoranthene	23.04	252	252554	1.547	ng/ul#	76

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

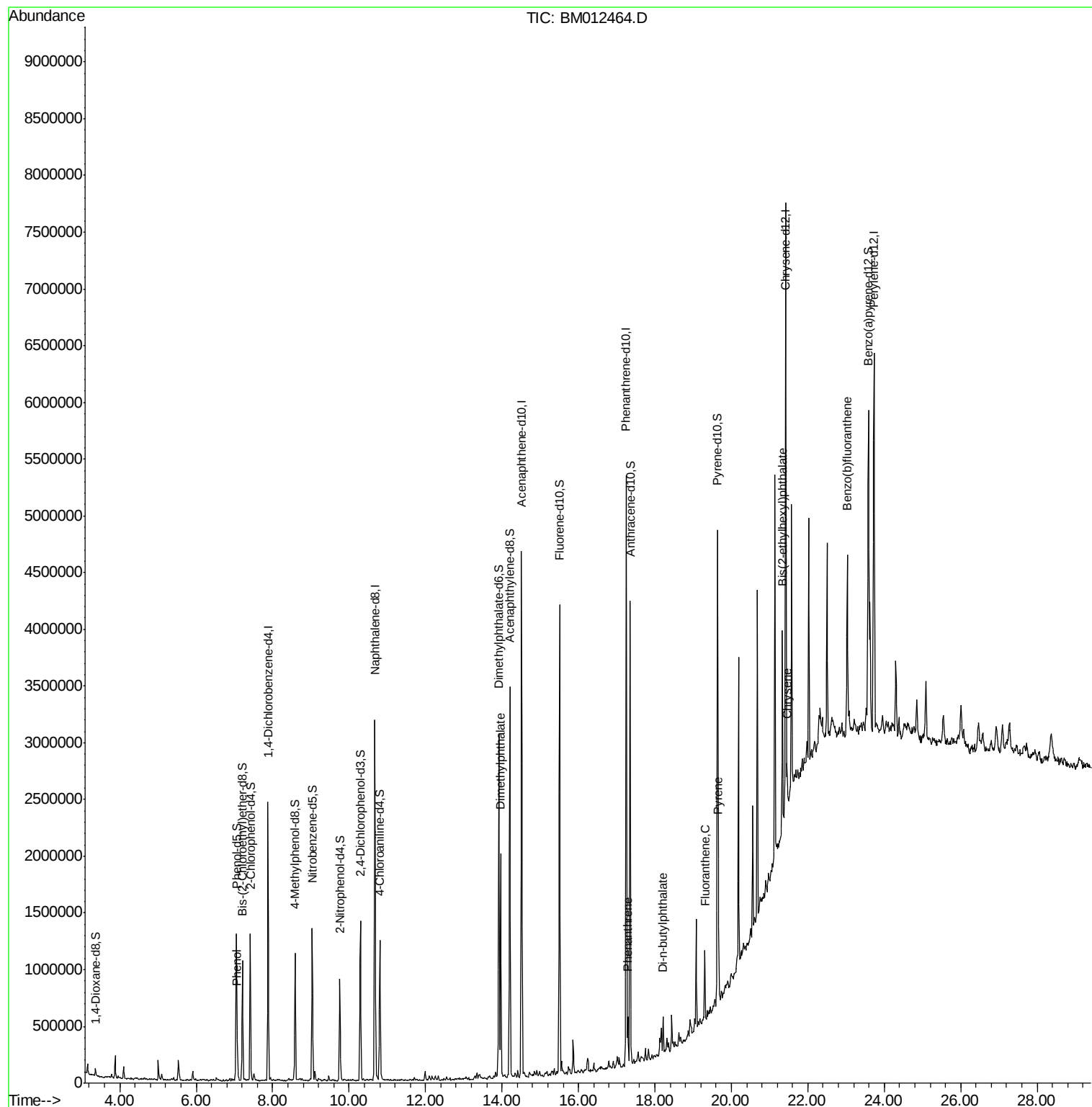
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
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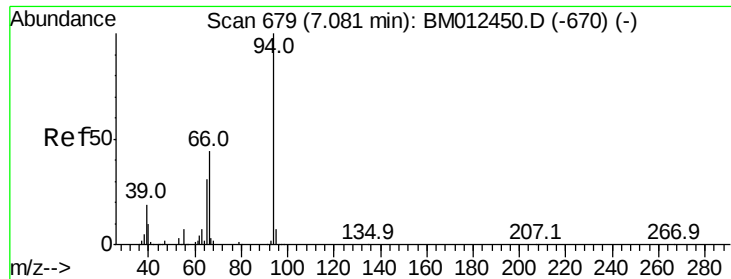
Instrument :
BNA_M
ClientSampleId :
B-19(2-4)_101117

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Quant Time: Oct 26 13:41:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.887 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

B-19(2-4)_101117

Tot Ion: 94 Resp: 152823

Ion Ratio Lower Upper

94 100

65 32.3 28.2 42.4

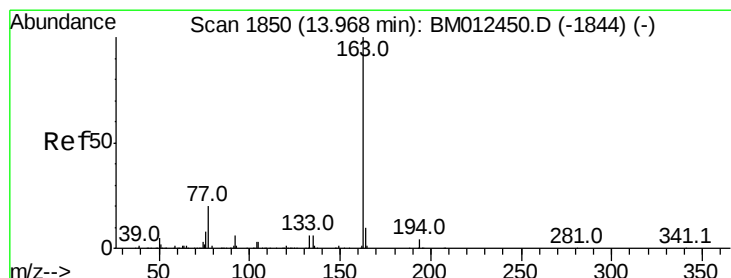
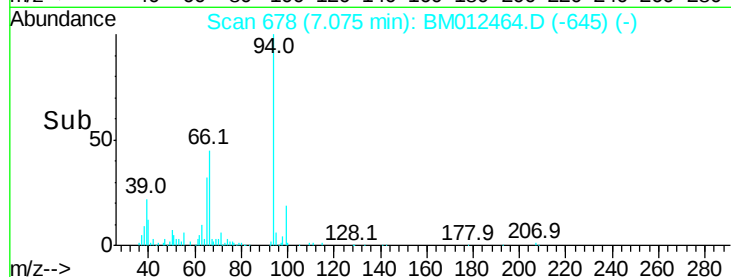
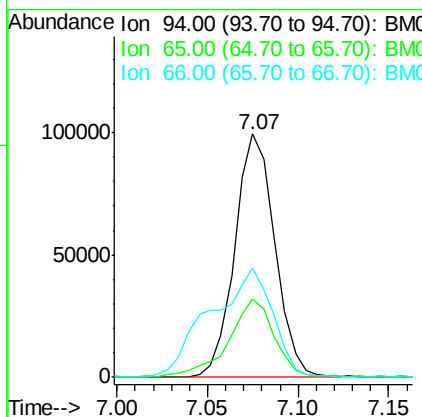
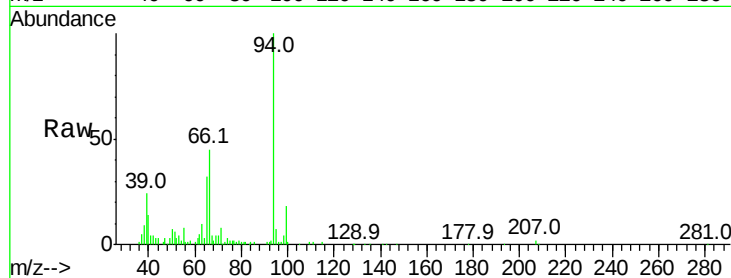
66 45.0 47.2 70.8#

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#44

Dimethylphthalate

Concen: 9.255 ng/ul m

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

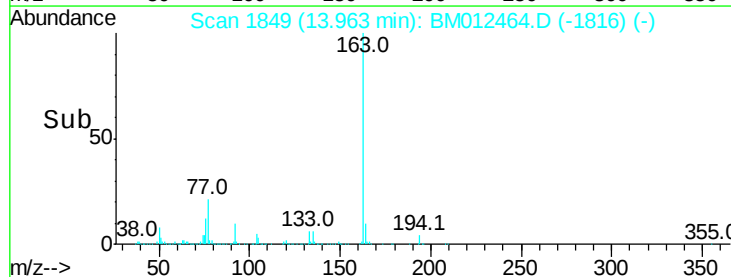
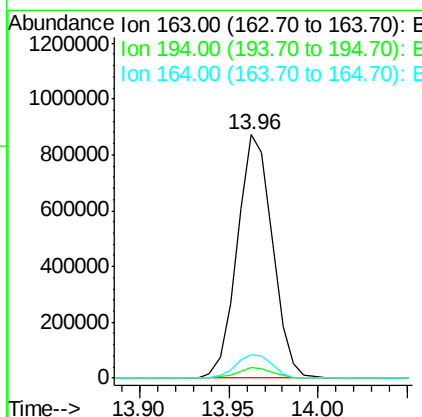
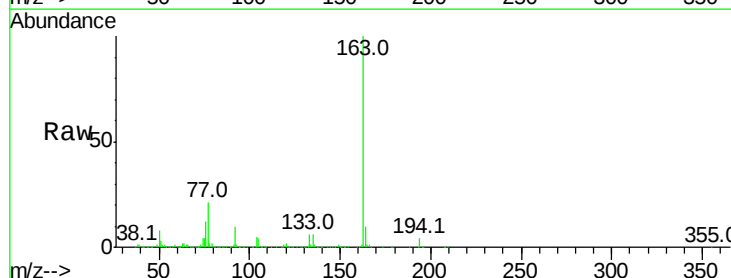
Tgt Ion:163 Resp: 1194635

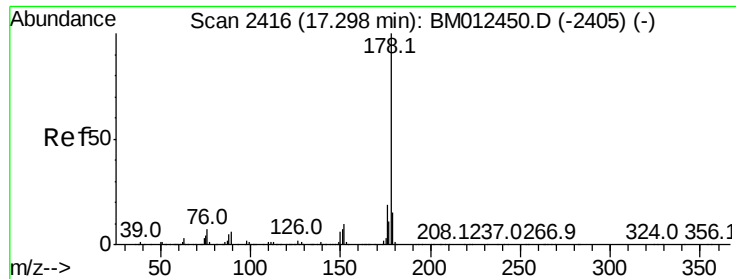
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.9 8.2 12.4





#69

Phenanthrene

Concen: 1.570 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

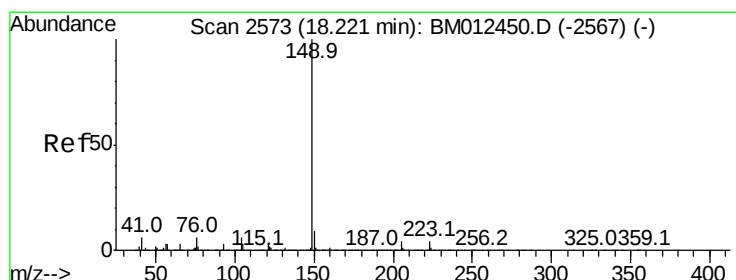
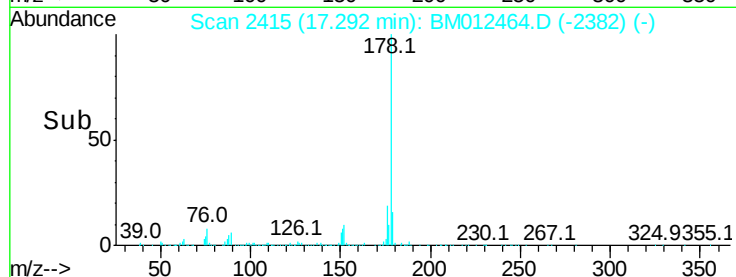
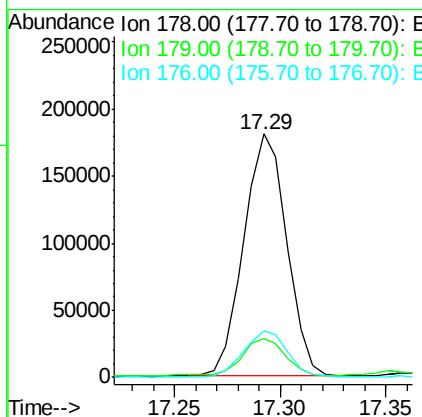
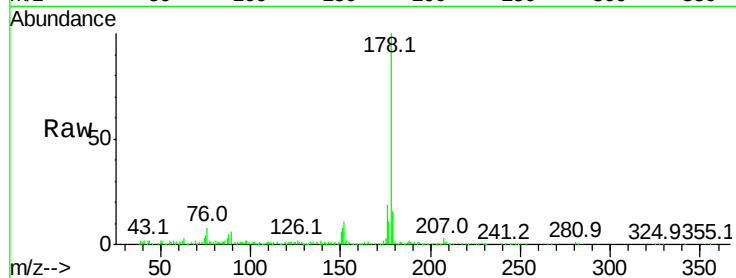
ClientSampleId :

B-19(2-4)_101117

Tot Ion:	178	Resp:	253397
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	19.0
176	18.8	14.9	22.3

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#73

Di-n-butylphthalate

Concen: 1.263 ng/ul

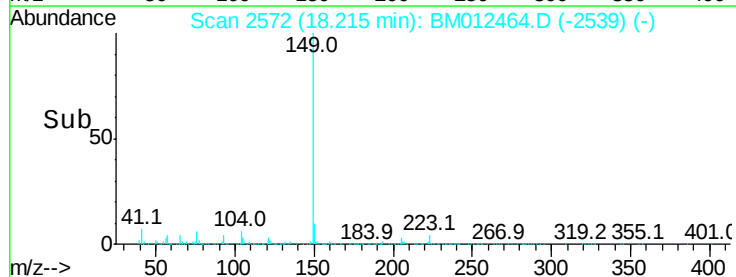
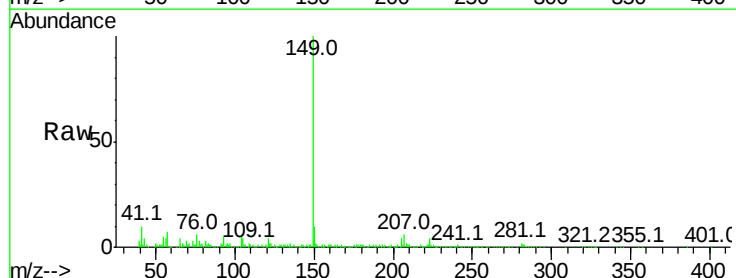
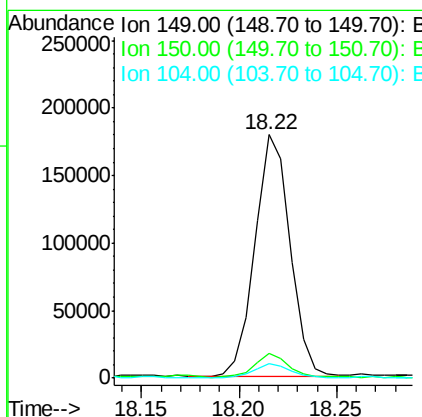
RT: 18.22 min Scan# 2572

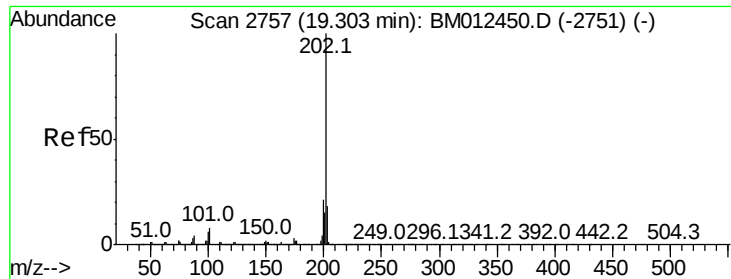
Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Tgt Ion:	149	Resp:	222622
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.1	10.7
104	6.0	5.6	8.4





#74

Fluoranthene

Concen: 1.865 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

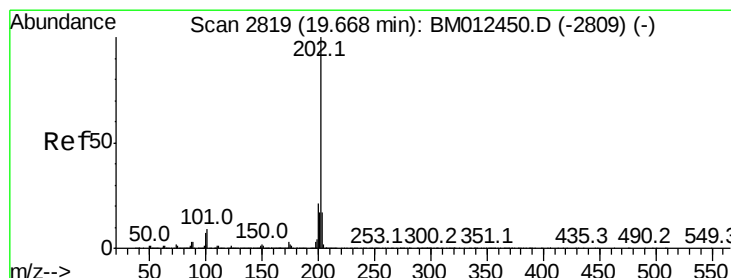
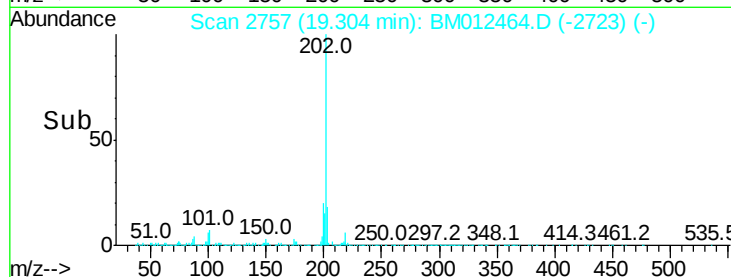
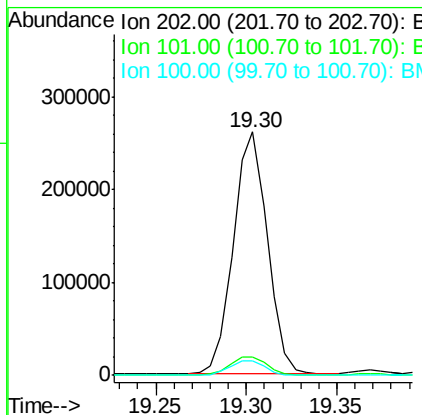
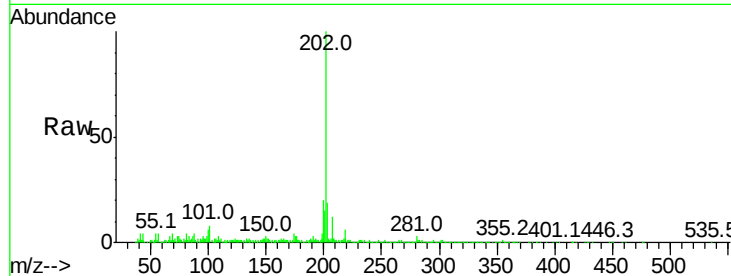
ClientSampleId :

B-19(2-4)_101117

Tot Ion:	202	Resp:	341143
Ion Ratio	Lower	Upper	
202	100		
101	7.5	4.6	7.0#
100	5.8	3.4	5.2#

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#77

Pyrene

Concen: 2.421 ng/ul

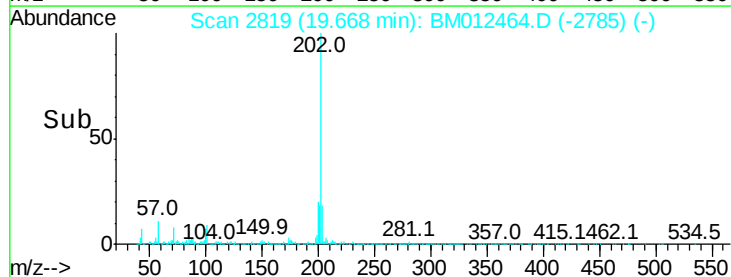
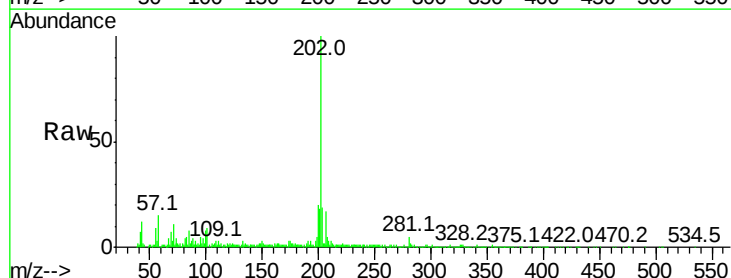
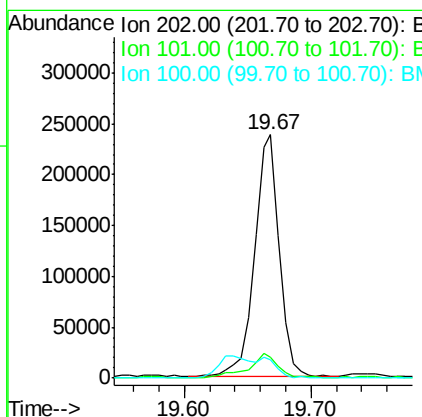
RT: 19.67 min Scan# 2819

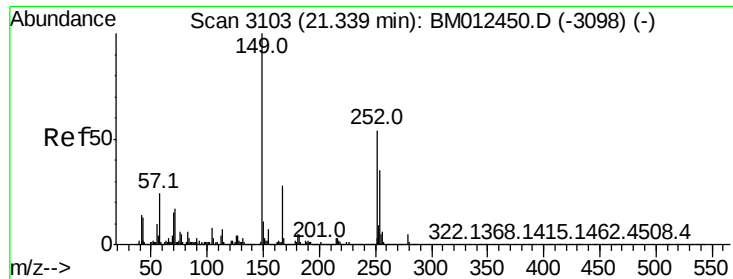
Delta R.T. 0.00 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Tgt Ion:	202	Resp:	324642
Ion Ratio	Lower	Upper	
202	100		
101	8.7	5.1	7.7#
100	7.5	4.9	7.3#





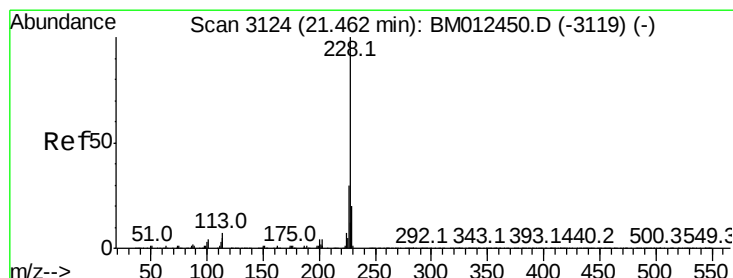
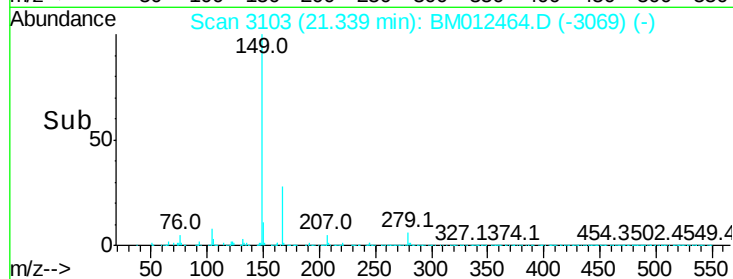
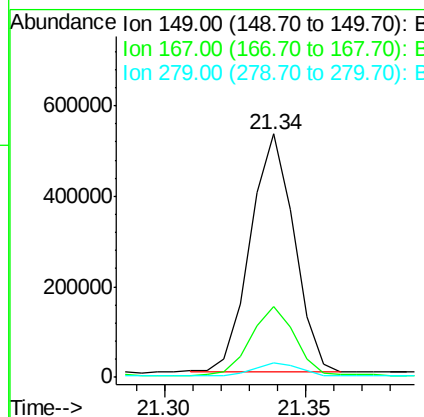
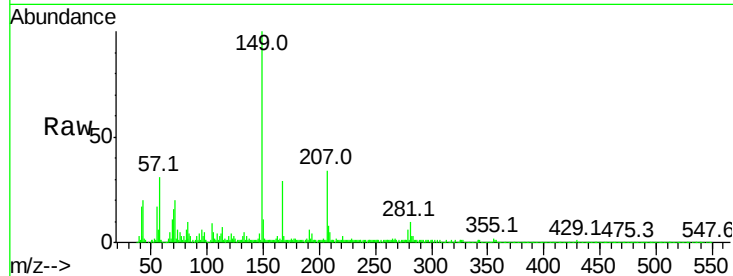
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 6.998 ng/ul
 RT: 21.34 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: BM012464.D
 Acq: 26 Oct 2017 03:14

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 B-19(2-4)_101117

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.8	34.2
279	6.1	4.9	7.3

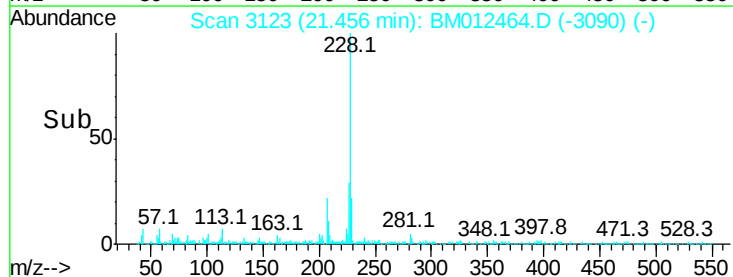
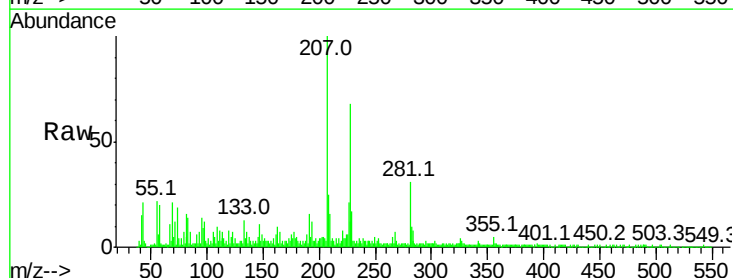
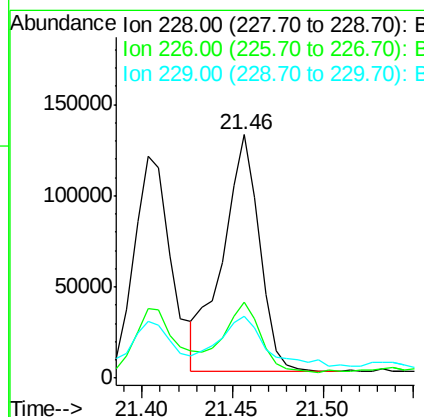
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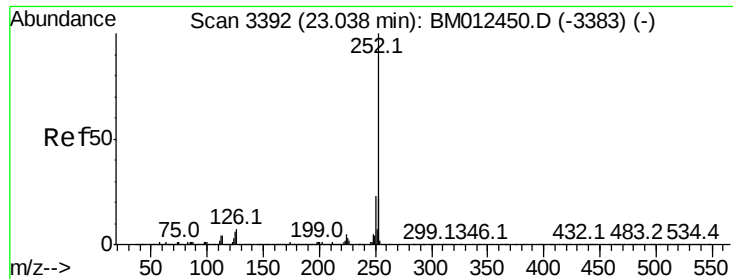
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#82
 Chrysene
 Concen: 1.469 ng/ul
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM012464.D
 Acq: 26 Oct 2017 03:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	25.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.547 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM012464.D

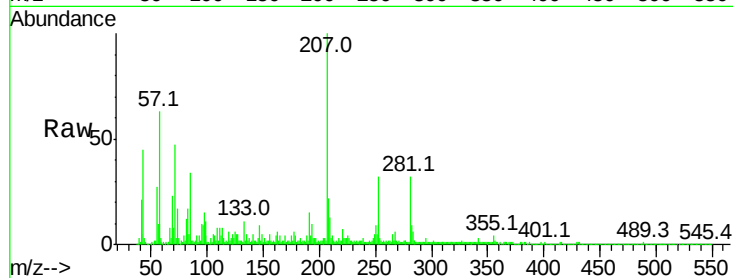
Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

B-19(2-4)_101117



Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	31.5	17.9	26.9#
125	19.8	3.6	5.4#

Manual Integrations
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