

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012074.D
 Acq On : 11 Oct 2017 17:54
 Operator : SJ/JU
 Sample : I5490-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-40(5-7)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:09:14 PM

Quant Time: Oct 12 01:40:09 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	216703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	911725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	505024	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1053098	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1071213	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1137252	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	25552	5.58	ng/uL	0.00
5) Phenol-d5	7.00	99	478577	25.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	327744	29.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	436028	29.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	423965	26.31	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	206203	31.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	243180	33.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	435458	29.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	502863m	31.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1388498	31.72	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1688606	32.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	125081m	16.36	ng/ul	0.00
57) Fluorene-d10	15.48	176	1172564	30.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	173704	24.51	ng/ul	0.00
70) Anthracene-d10	17.33	188	1704312	32.84	ng/ul	0.00
76) Pyrene-d10	19.62	212	1792545	37.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1722392	31.48	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.02	94	31193	1.691	ng/ul	92
44) Dimethylphthalate	13.94	163	581402	13.807	ng/ul	99
74) Fluoranthene	19.29	202	125971	1.782	ng/ul#	87
77) Pyrene	19.65	202	124295	2.093	ng/ul#	86
80) Benzo(a)anthracene	21.39	228	74226	1.210	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.30	149	46519	1.344	ng/ul	100
82) Chrysene	21.44	228	84027m	1.441	ng/ul	
85) Benzo(b)fluoranthene	23.02	252	111489	1.613	ng/ul#	88
88) Benzo(a)pyrene	23.61	252	73737	1.110	ng/ul#	93

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

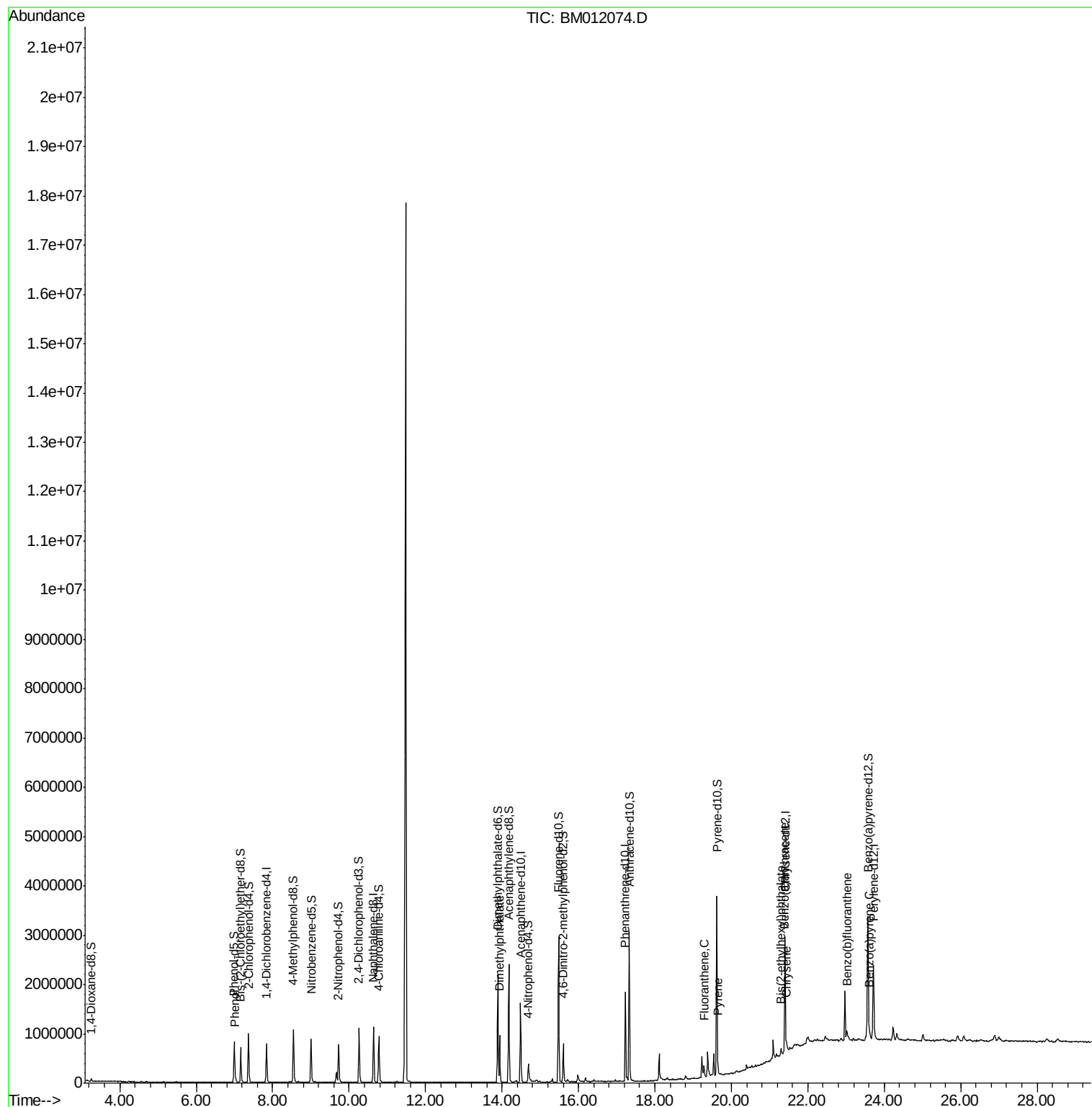
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
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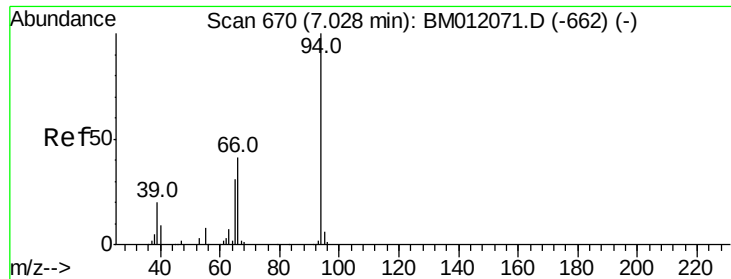
Instrument :
BNA_M
ClientSampleId :
B-40(5-7)-092717

Manual Integrations
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Quant Time: Oct 12 01:40:09 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.691 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

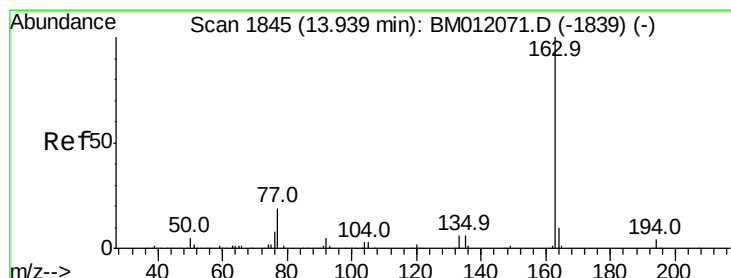
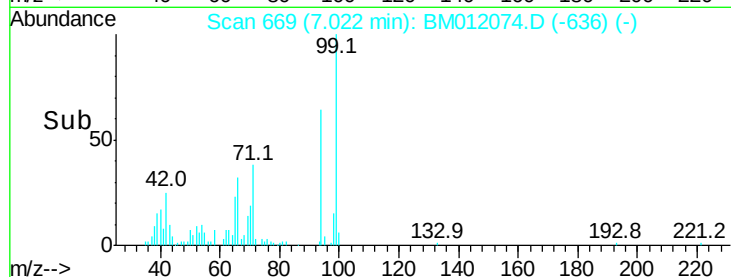
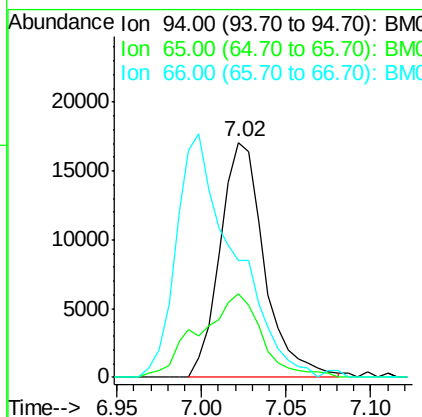
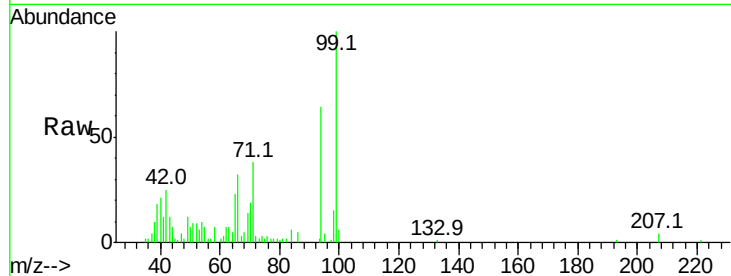
ClientSampleId :

B-40(5-7)-092717

Tot Ion:	94	Resp:	31193
Ion Ratio	Lower	Upper	
94	100		
65	35.6	28.2	42.4
66	49.7	47.2	70.8

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#44

Dimethylphthalate

Concen: 13.807 ng/ul

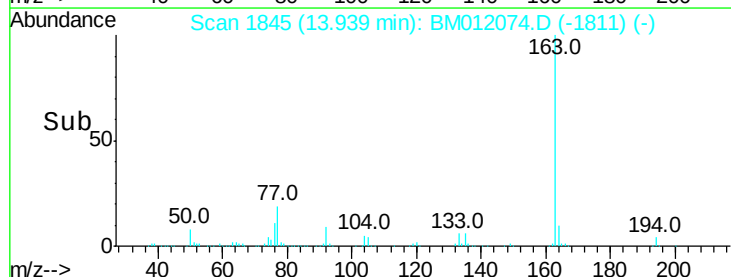
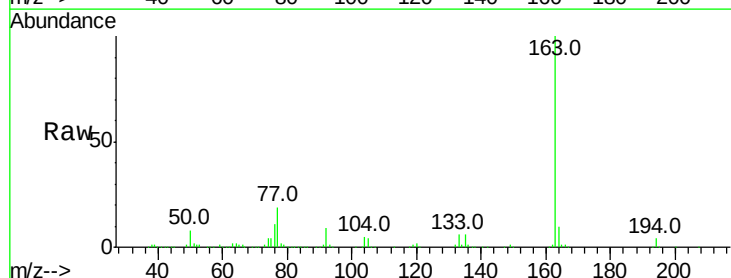
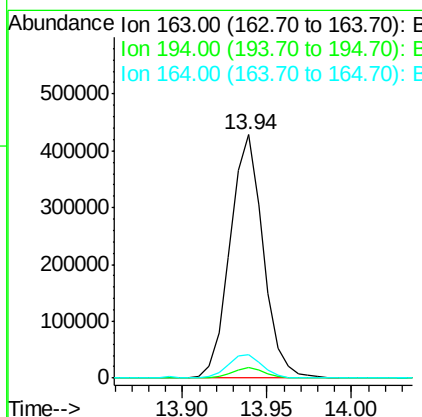
RT: 13.94 min Scan# 1845

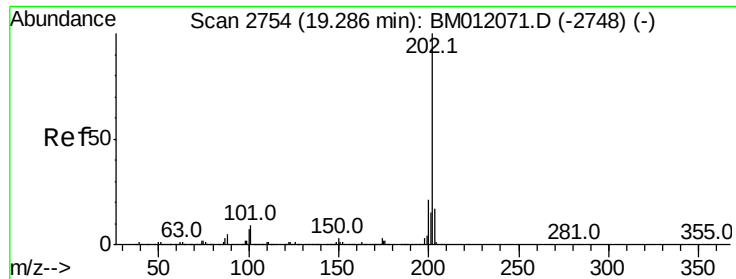
Delta R.T. 0.00 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Tgt Ion:	163	Resp:	581402
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.8	8.2	12.4





#74

Fluoranthene

Concen: 1.782 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

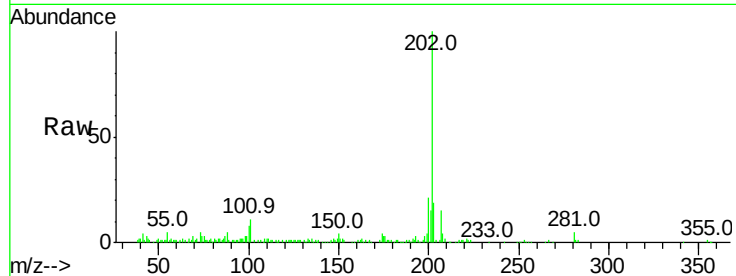
ClientSampleId :

B-40(5-7)-092717

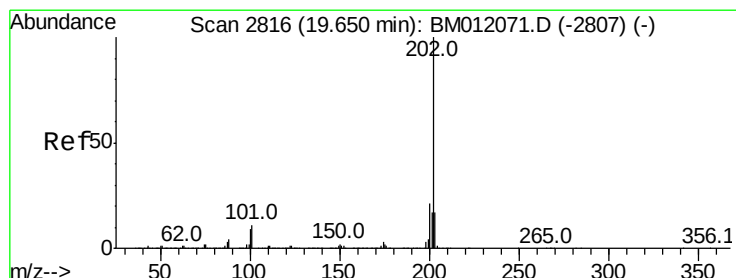
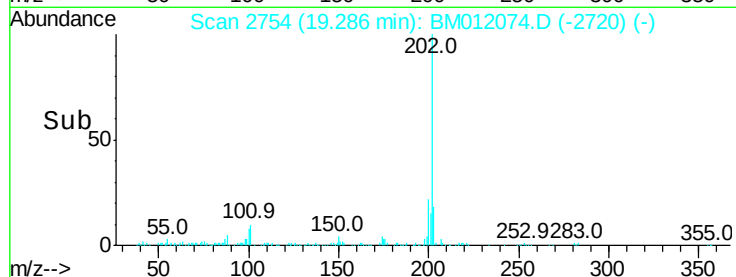
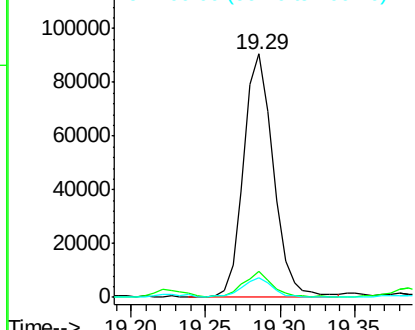
Tot Ion	Ratio	Resp	Lower	Upper
202	100	125971		
101	10.6	4.6	7.0#	
100	8.3	3.4	5.2#	

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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: 2.093 ng/ul

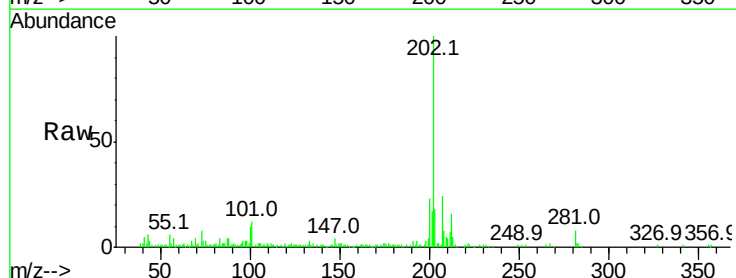
RT: 19.65 min Scan# 2816

Delta R.T. 0.00 min

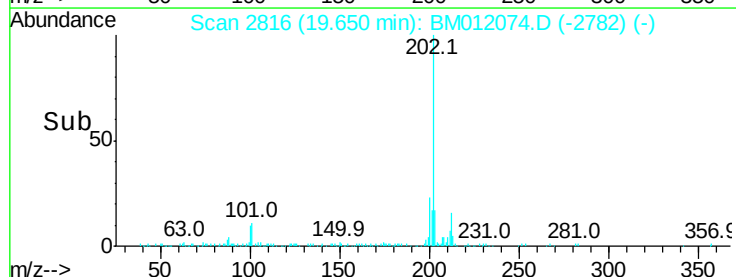
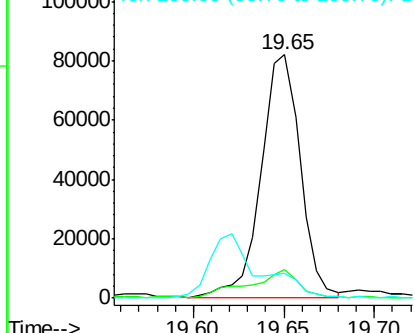
Lab File: BM012074.D

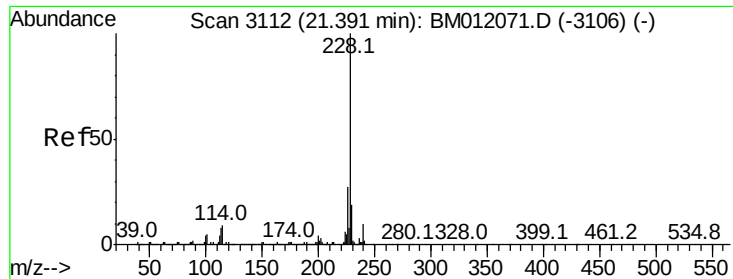
Acq: 11 Oct 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	124295		
101	11.7	5.1	7.7#	
100	10.2	4.9	7.3#	



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





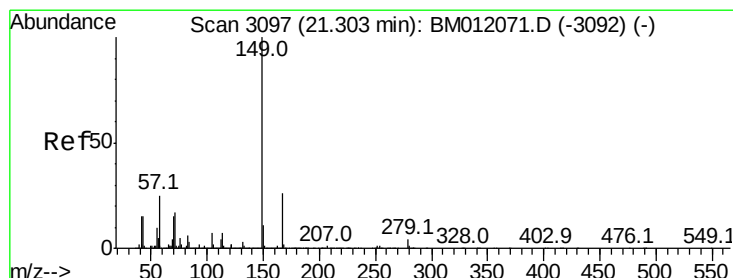
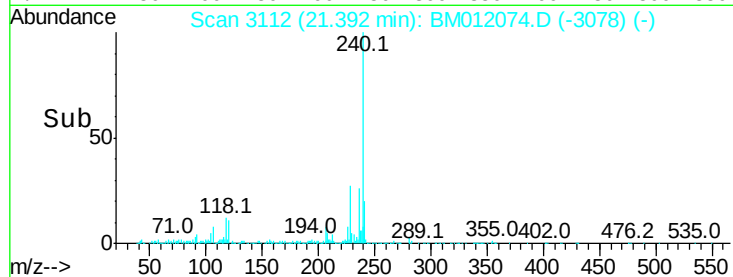
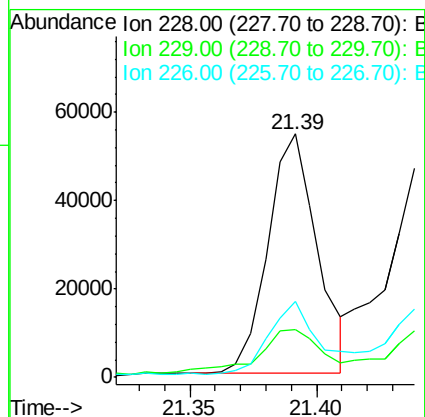
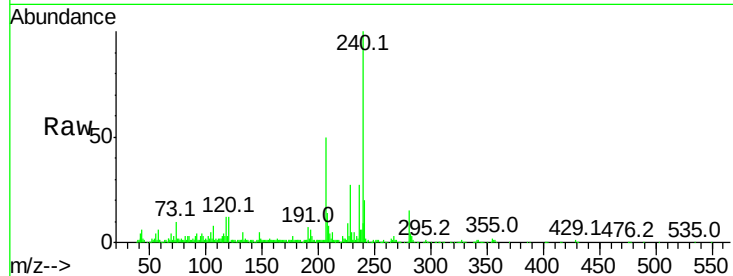
#80
 Benzo(a)anthracene
 Concen: 1.210 ng/ul
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BM012074.D
 Acq: 11 Oct 2017 17:54

Instrument :
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 B-40(5-7)-092717

Tot Ion:	228	Resp:	74226
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.4	23.0
226	31.3	21.4	32.0

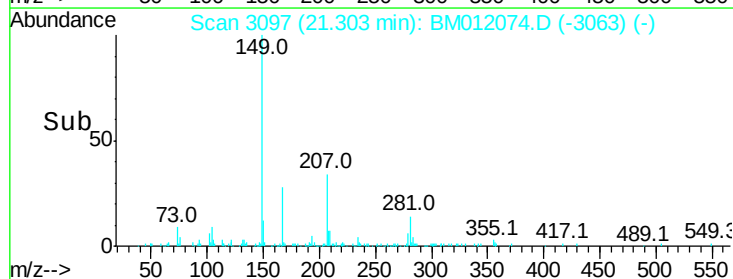
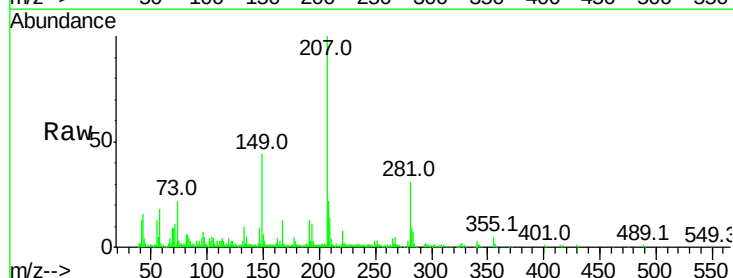
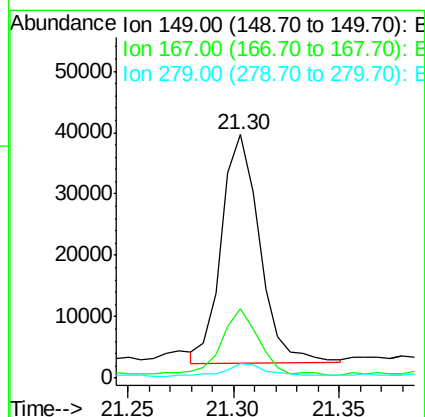
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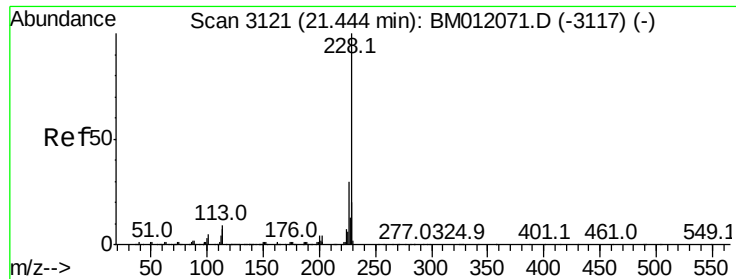
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.344 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM012074.D
 Acq: 11 Oct 2017 17:54

Tgt Ion:	149	Resp:	46519
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.8	34.2
279	5.9	4.9	7.3





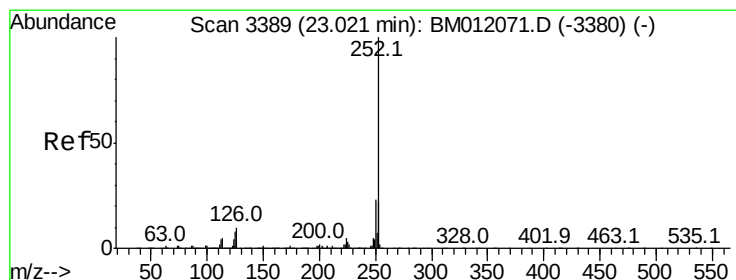
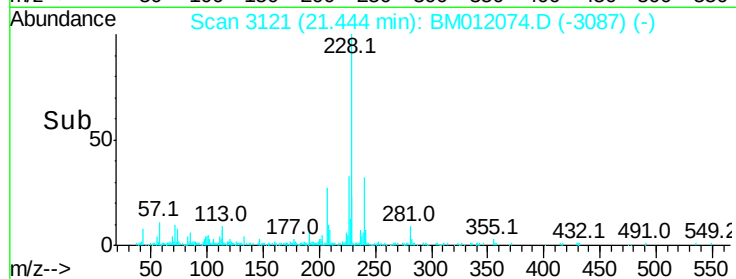
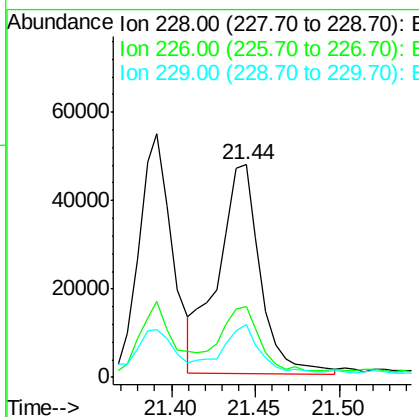
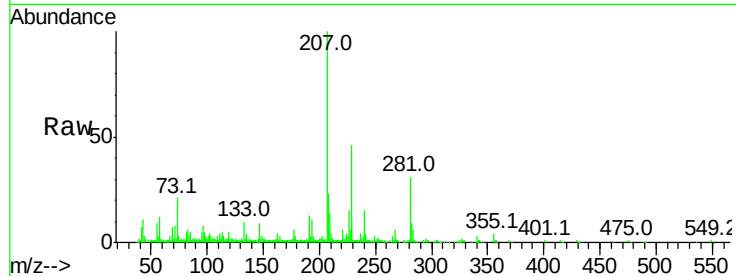
#82
Chrysene
Concen: 1.441 ng/ul m
RT: 21.44 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BM012074.D
Acq: 11 Oct 2017 17:54

Instrument :
BNA_M
ClientSampleId :
B-40(5-7)-092717

Tot Ion	Ratio	Resp	Lower	Upper
228	100	84027		
226	33.1		23.4	35.2
229	24.6		15.5	23.3#

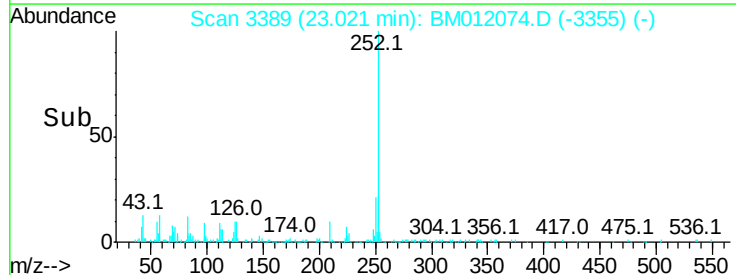
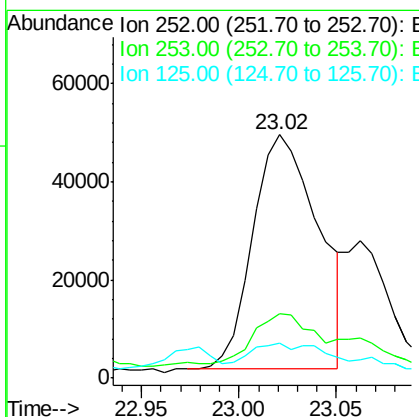
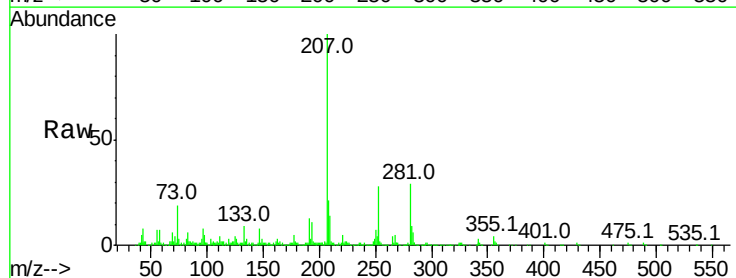
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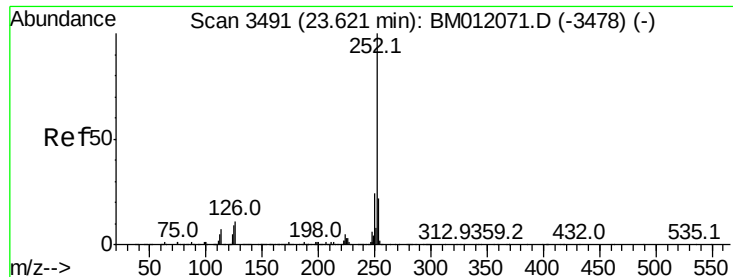
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#85
Benzo(b)fluoranthene
Concen: 1.613 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BM012074.D
Acq: 11 Oct 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	111489		
253	26.7		17.9	26.9
125	14.3		3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.110 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

ClientSampleId :

B-40(5-7)-092717

Tot Ion:	252	Resp:	73737
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.2	27.2
125	11.0	4.0	6.0

Manual Integrations
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