

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012520.D
 Acq On : 28 Oct 2017 12:02
 Operator : SJ/JU
 Sample : I5786-11 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-66(1.5-2.5) 101017

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:31:13 PM

Quant Time: Oct 30 07:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 05:30:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	776122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2962008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1598793	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2991769	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2893148	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	3397060	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	15390m	1.01	ng/uL	0.00
5) Phenol-d5	7.04	99	158378	2.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	168777	4.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	36356	0.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	110933	2.00	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	106697	5.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	3689	0.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	6168	0.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	138192	2.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	644611	4.62	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	794198	4.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	706	0.03	ng/ul	0.01
57) Fluorene-d10	15.49	176	543111	4.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	408	0.03	ng/ul	-0.01
70) Anthracene-d10	17.34	188	726065	5.09	ng/ul	0.00
76) Pyrene-d10	19.63	212	685933	5.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	807104	5.00	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.96	163	425751	3.082	ng/ul	99
69) Phenanthrene	17.29	178	172745	1.068	ng/ul	98
73) Di-n-butylphthalate	18.21	149	1941387	10.991	ng/ul#	98
74) Fluoranthene	19.30	202	497009	2.711	ng/ul#	93
77) Pyrene	19.66	202	482926	2.935	ng/ul#	93
80) Benzo(a)anthracene	21.40	228	380964	2.199	ng/ul#	87
82) Chrysene	21.46	228	476354	3.092	ng/ul#	91
85) Benzo(b)fluoranthene	23.03	252	831137	3.958	ng/ul#	70
86) Benzo(k)fluoranthene	23.07	252	276417m	1.399	ng/ul	
88) Benzo(a)pyrene	23.63	252	606002	3.027	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.08	276	551704	2.341	ng/ul#	90
91) Benzo(g,h,i)perylene	26.80	276	498169	2.609	ng/ul#	89

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

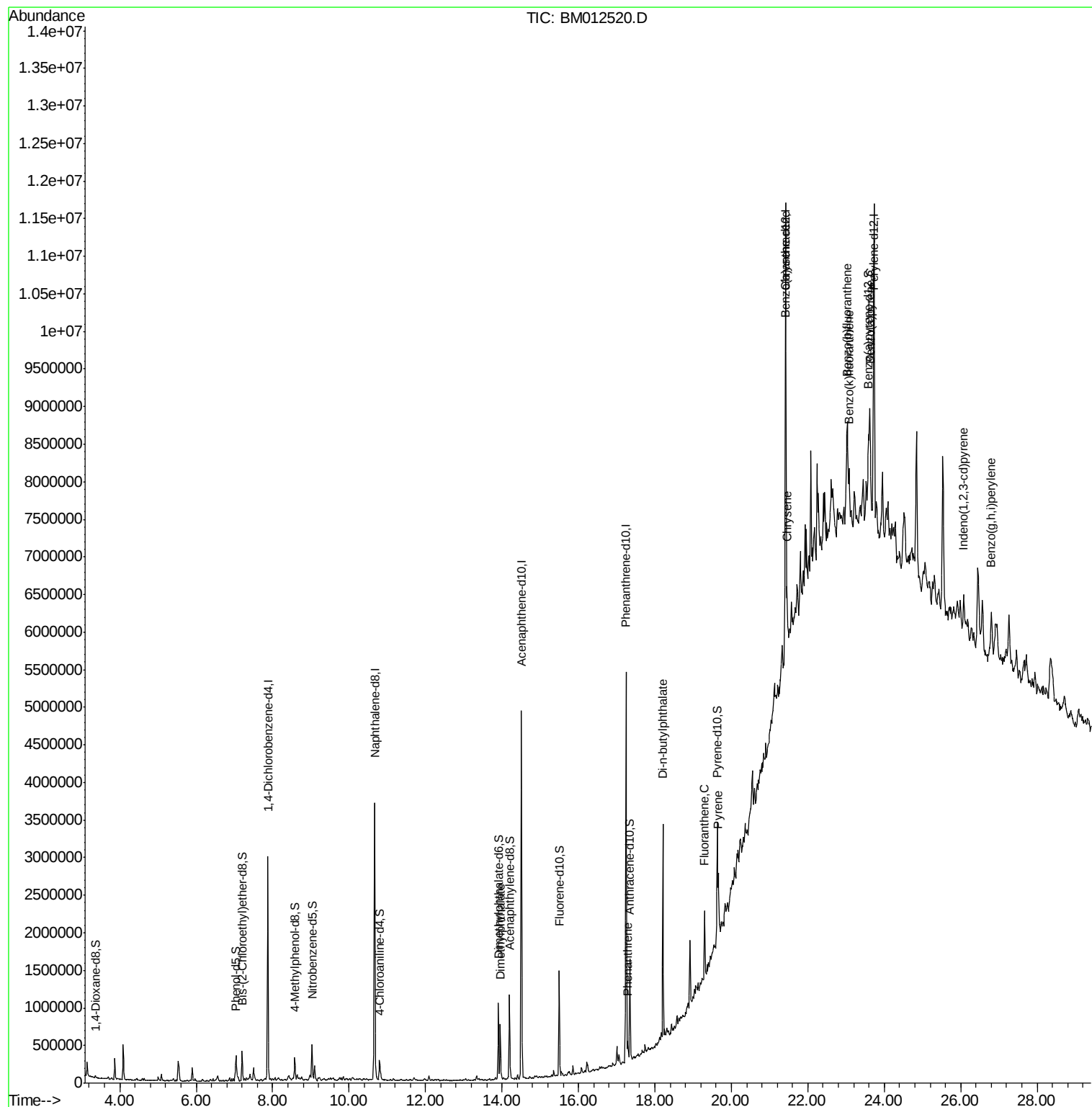
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012520.D
Acq On : 28 Oct 2017 12:02
Operator : SJ/JU
Sample : I5786-11 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

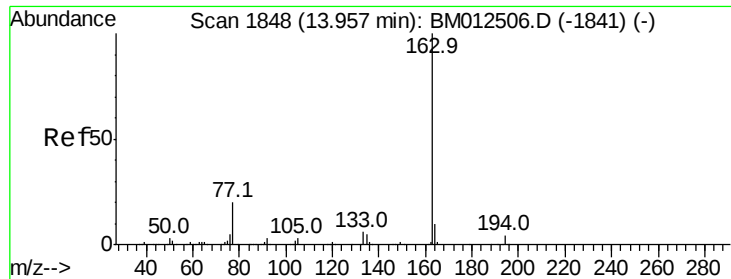
Instrument :
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ClientSampleId :
B-66(1.5-2.5) 101017

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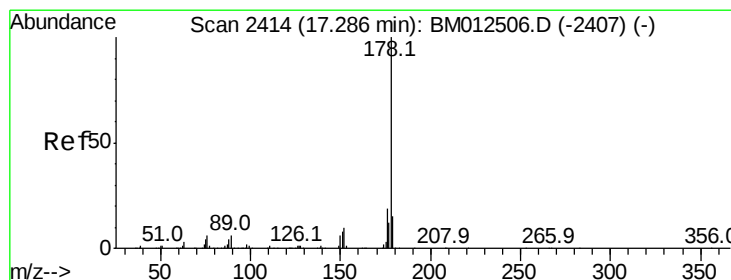
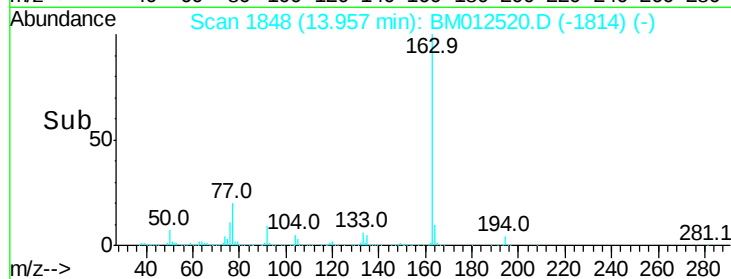
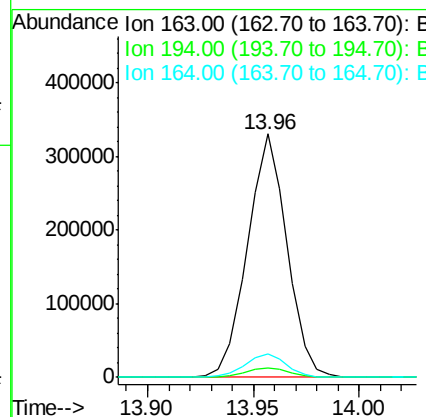
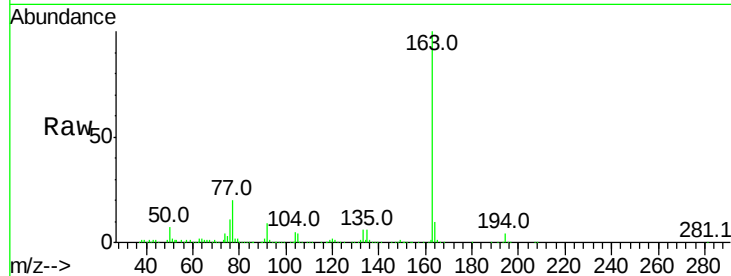
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Dimethylphthalate
Concen: 3.082 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Instrument :
BNA_M
ClientSampleId :
B-66(1.5-2.5) 101017

Tot Ion	163	Resp	425751
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.8	8.2	12.4

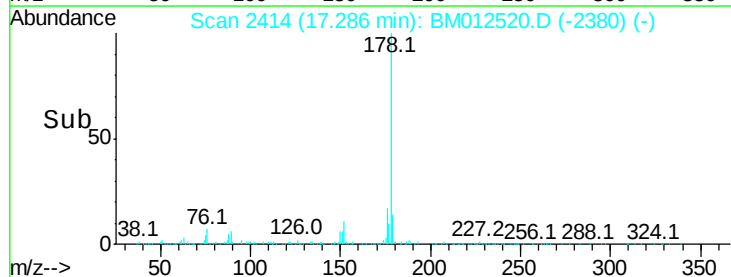
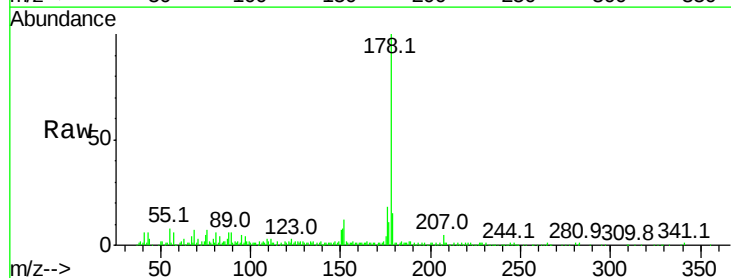
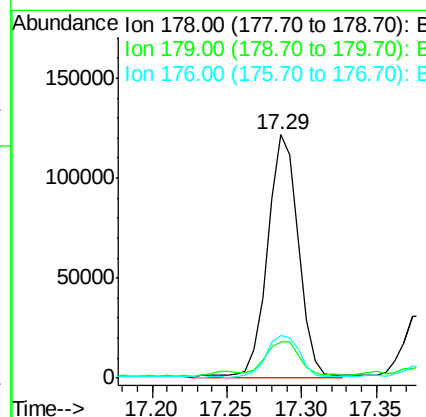
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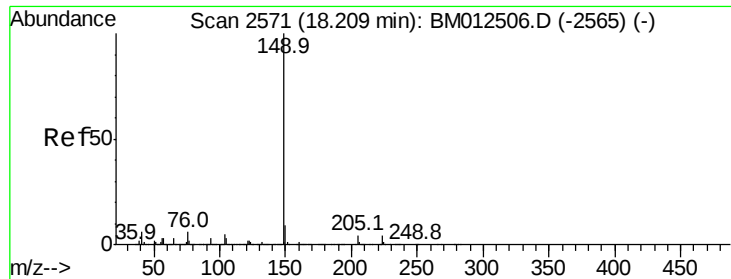
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#69
Phenanthrene
Concen: 1.068 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Tgt Ion	178	Resp	172745
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.6	19.0
176	17.7	14.9	22.3





#73

Di-n-butylphthalate

Concen: 10.991 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:149 Resp: 1941387

Ion Ratio Lower Upper

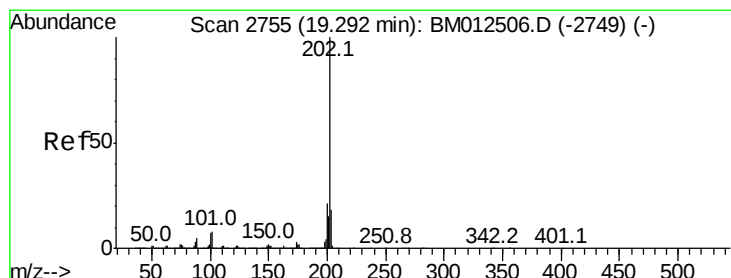
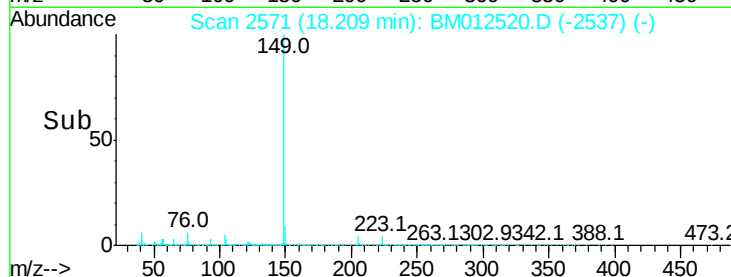
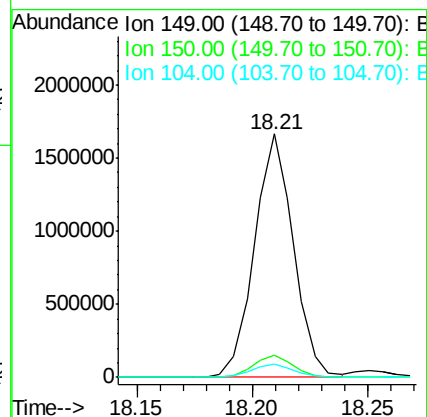
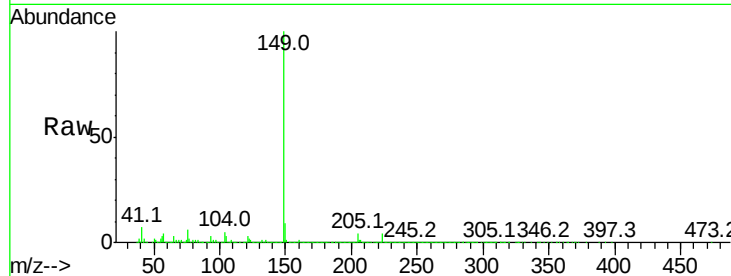
149 100

150 9.2 7.1 10.7

104 5.5 5.6 8.4#

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#74

Fluoranthene

Concen: 2.711 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

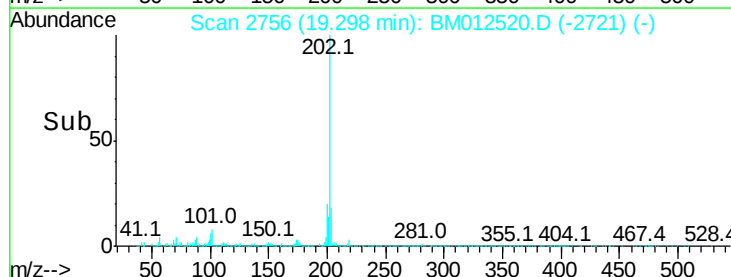
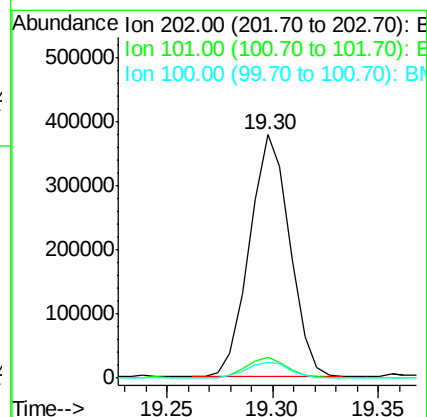
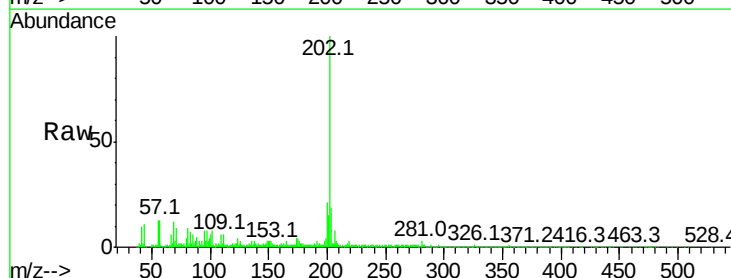
Tgt Ion:202 Resp: 497009

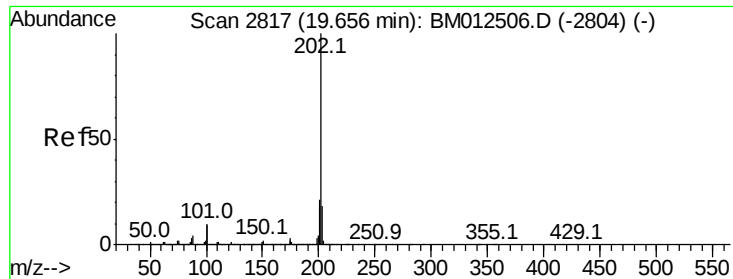
Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

100 6.3 3.4 5.2#





#77

Pvrene

Concen: 2.935 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

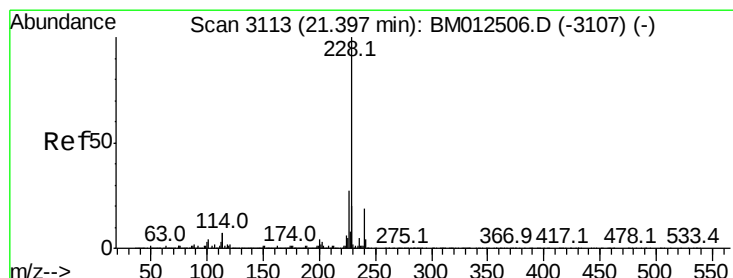
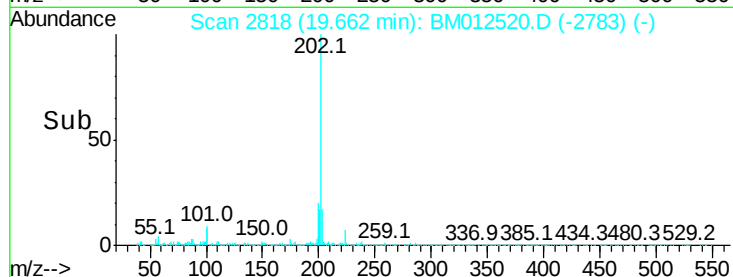
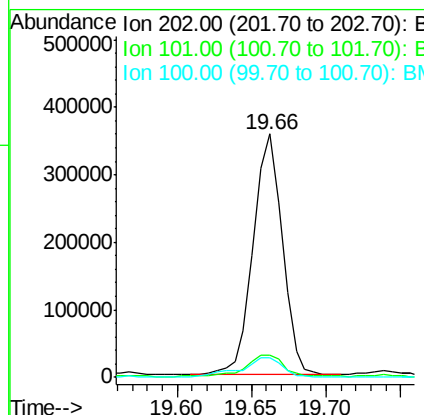
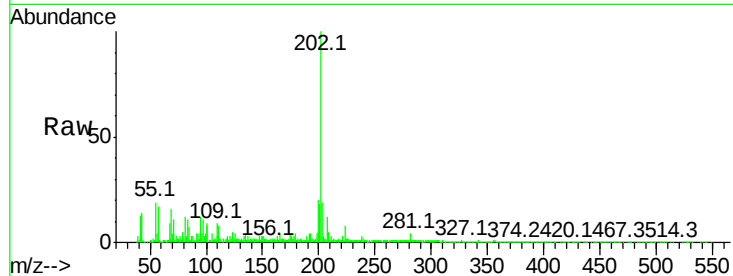
ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:	202	Resp:	482926
Ion Ratio	Lower	Upper	
202	100		
101	9.0	5.1	7.7#
100	8.2	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 2.199 ng/ul

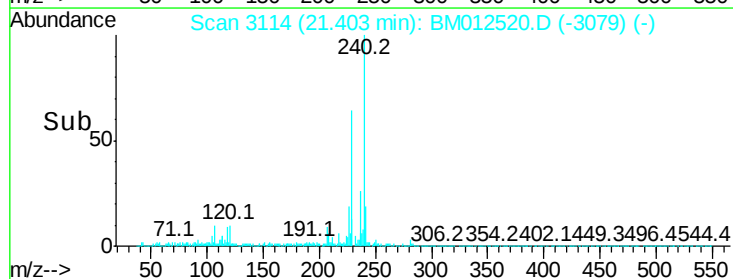
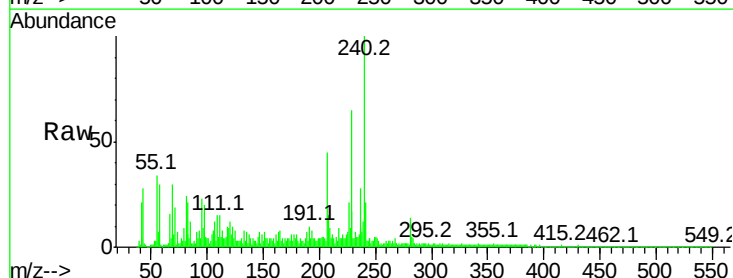
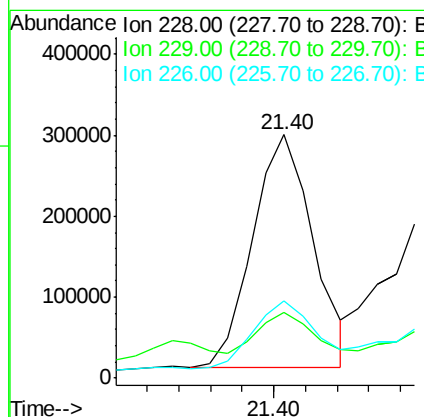
RT: 21.40 min Scan# 3114

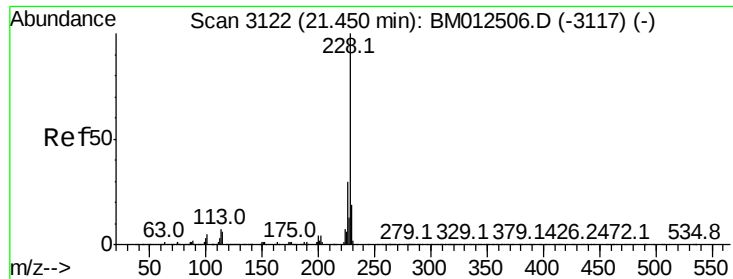
Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Tgt Ion:	228	Resp:	380964
Ion Ratio	Lower	Upper	
228	100		
229	26.9	15.4	23.0#
226	31.7	21.4	32.0





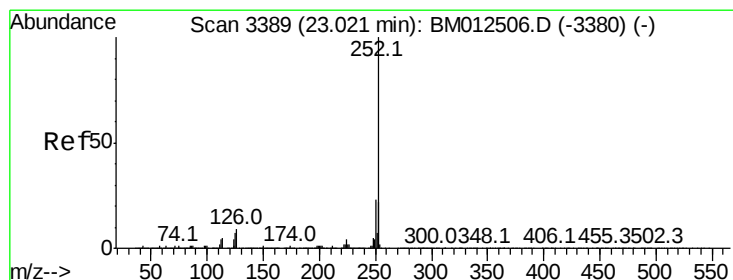
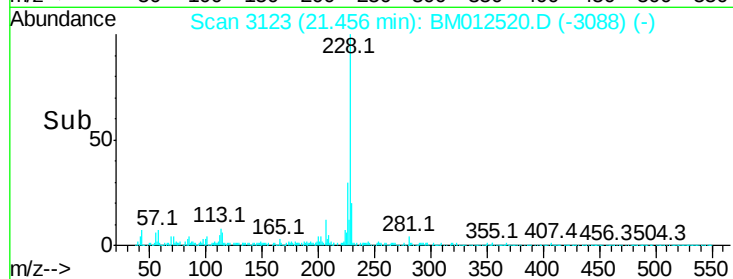
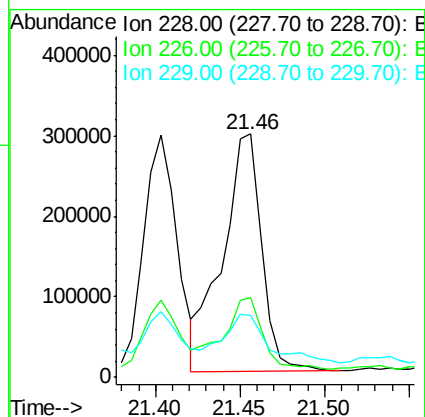
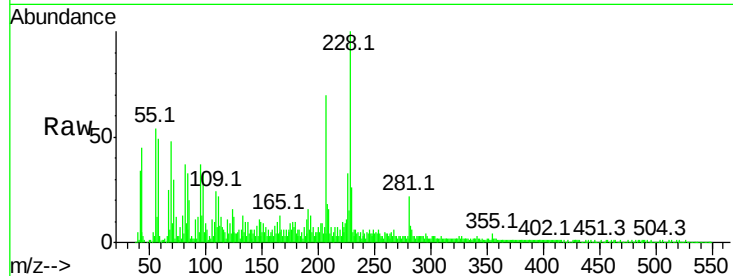
#82
Chrysene
Concen: 3.092 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Instrument :
BNA_M
ClientSampleId :
B-66(1.5-2.5) 101017

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	25.6	15.5	23.3#

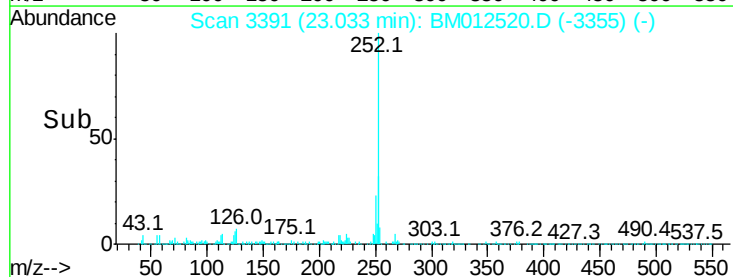
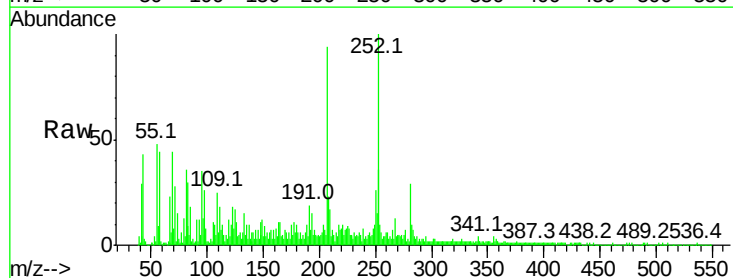
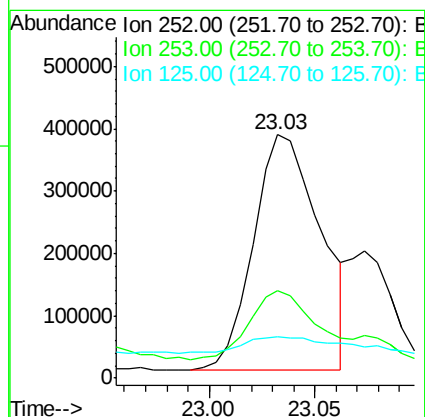
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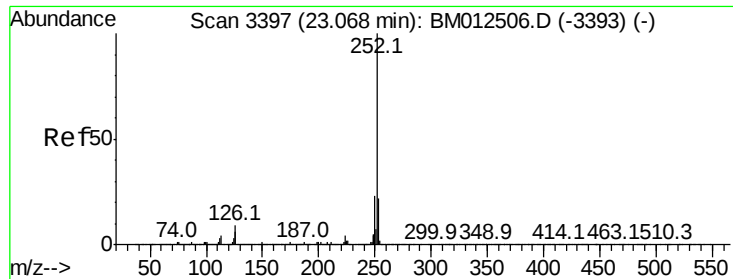
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#85
Benzo(b)fluoranthene
Concen: 3.958 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.1	17.9	26.9#
125	16.8	3.6	5.4#





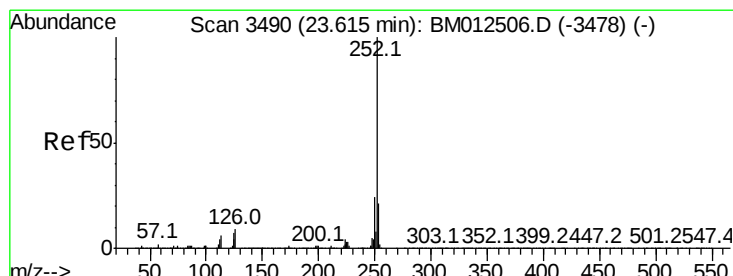
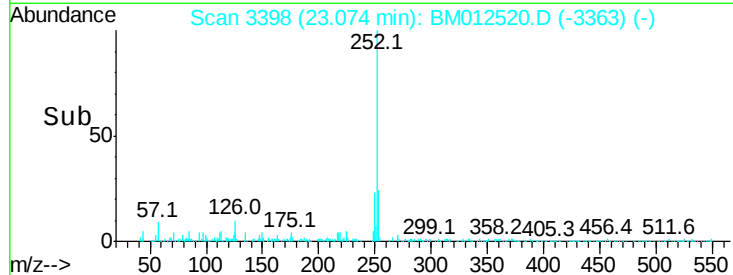
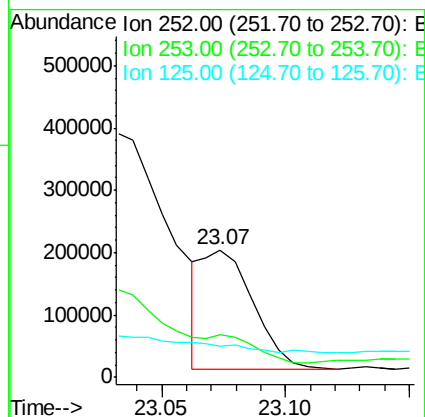
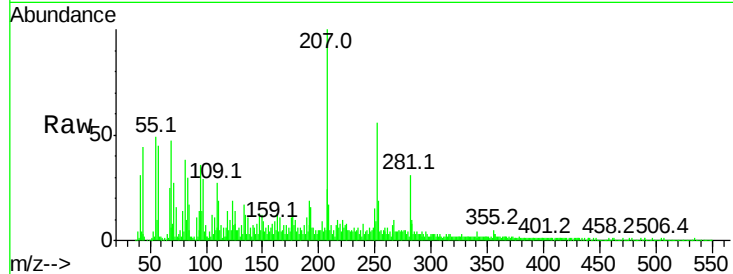
#86
Benzo(k)fluoranthene
Concen: 1.399 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Instrument :
BNA_M
ClientSampleId :
B-66(1.5-2.5)_101017

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.1	25.7#
125	24.5	3.4	5.2#

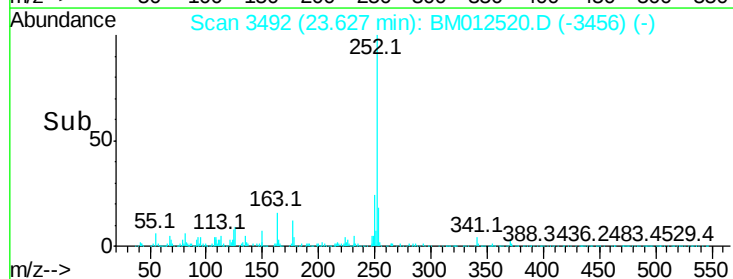
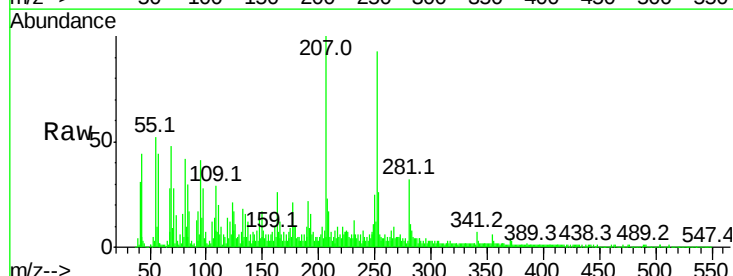
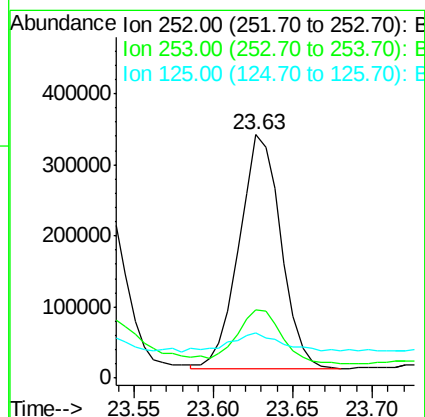
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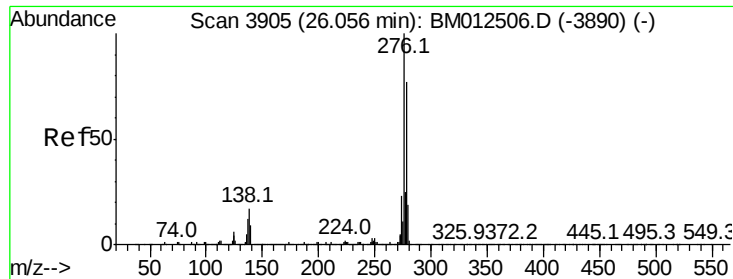
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#88
Benzo(a)pyrene
Concen: 3.027 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.2	27.2#
125	18.6	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.341 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. 0.02 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

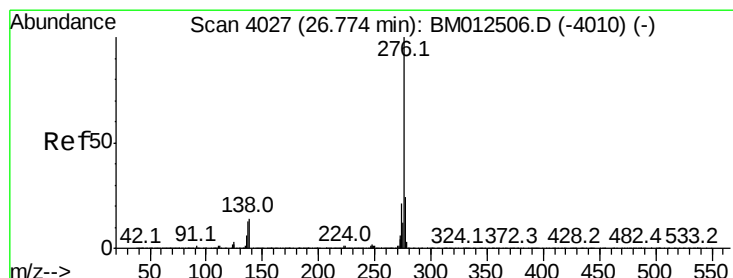
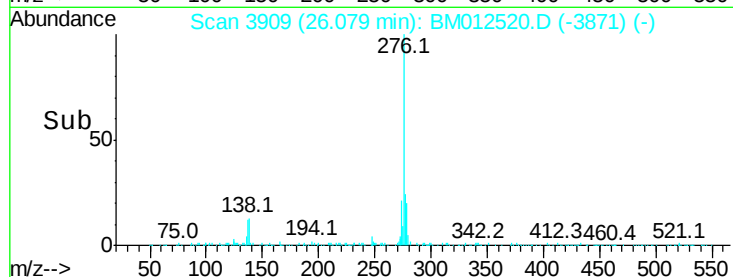
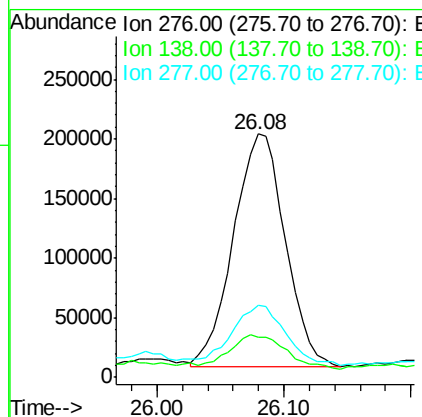
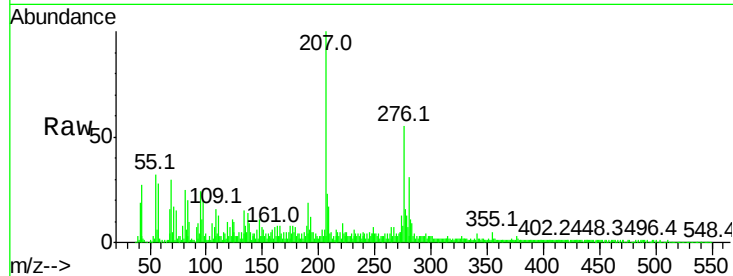
ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:	276	Resp:	551704
Ion Ratio	Lower	Upper	
276	100		
138	16.7	9.3	13.9#
277	29.5	19.9	29.9

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.609 ng/ul

RT: 26.80 min Scan# 4032

Delta R.T. 0.03 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Tgt Ion:	276	Resp:	498169
Ion Ratio	Lower	Upper	
276	100		
138	16.0	8.5	12.7#
277	28.1	18.6	28.0#

