

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012599.D
 Acq On : 31 Oct 2017 06:33
 Operator : SJ/JU
 Sample : I5786-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:47:44 PM

Quant Time: Oct 31 09:17:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	354958	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1372709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	808825	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1820419	20.00	ng/ul	0.01
75) Chrysene-d12	21.42	240	2271038	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	2577191	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	37099	5.34	ng/uL	0.00
5) Phenol-d5	7.03	99	1141040	38.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	832289	47.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	659227	29.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	874601	34.51	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	563778	65.58	ng/ul	0.01
22) 2-Nitrophenol-d4	9.74	143	323639	36.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	636848	27.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1107713	44.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	3457409	48.93	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	4490544	53.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	278521	26.52	ng/ul	0.01
57) Fluorene-d10	15.49	176	3107976	51.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	90315	10.25	ng/ul	0.01
70) Anthracene-d10	17.34	188	4808445	55.43	ng/ul	0.01
76) Pyrene-d10	19.63	212	5371171	51.55	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	6660715	54.40	ng/ul	0.05
Target Compounds				Ovalue		
4) Benzaldehyde	7.01	77	20867	1.294	ng/ul#	52
6) Phenol	7.06	94	96599	3.129	ng/ul#	82
16) 4-Methylphenol	8.63	108	45859	1.800	ng/ul	97
44) Dimethylphthalate	13.95	163	1109756	15.878	ng/ul	99
69) Phenanthrene	17.28	178	567471	5.764	ng/ul	99
71) Anthracene	17.37	178	159635m	1.569	ng/ul	
73) Di-n-butylphthalate	18.20	149	6241561	58.071	ng/ul#	97
74) Fluoranthene	19.29	202	1971419	17.673	ng/ul#	91
77) Pyrene	19.66	202	1987086	15.386	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	1669694	12.278	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.33	149	159685	2.063	ng/ul#	69
82) Chrysene	21.45	228	1887806	15.613	ng/ul#	91
85) Benzo(b)fluoranthene	23.04	252	3505114	22.001	ng/ul#	78
86) Benzo(k)fluoranthene	23.08	252	1125436m	7.506	ng/ul	
88) Benzo(a)pyrene	23.64	252	2523270	16.612	ng/ul#	85
89) Indeno(1,2,3-cd)pyrene	26.10	276	2203267	12.325	ng/ul#	90
91) Benzo(g,h,i)perylene	26.83	276	1971776	13.609	ng/ul#	87

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

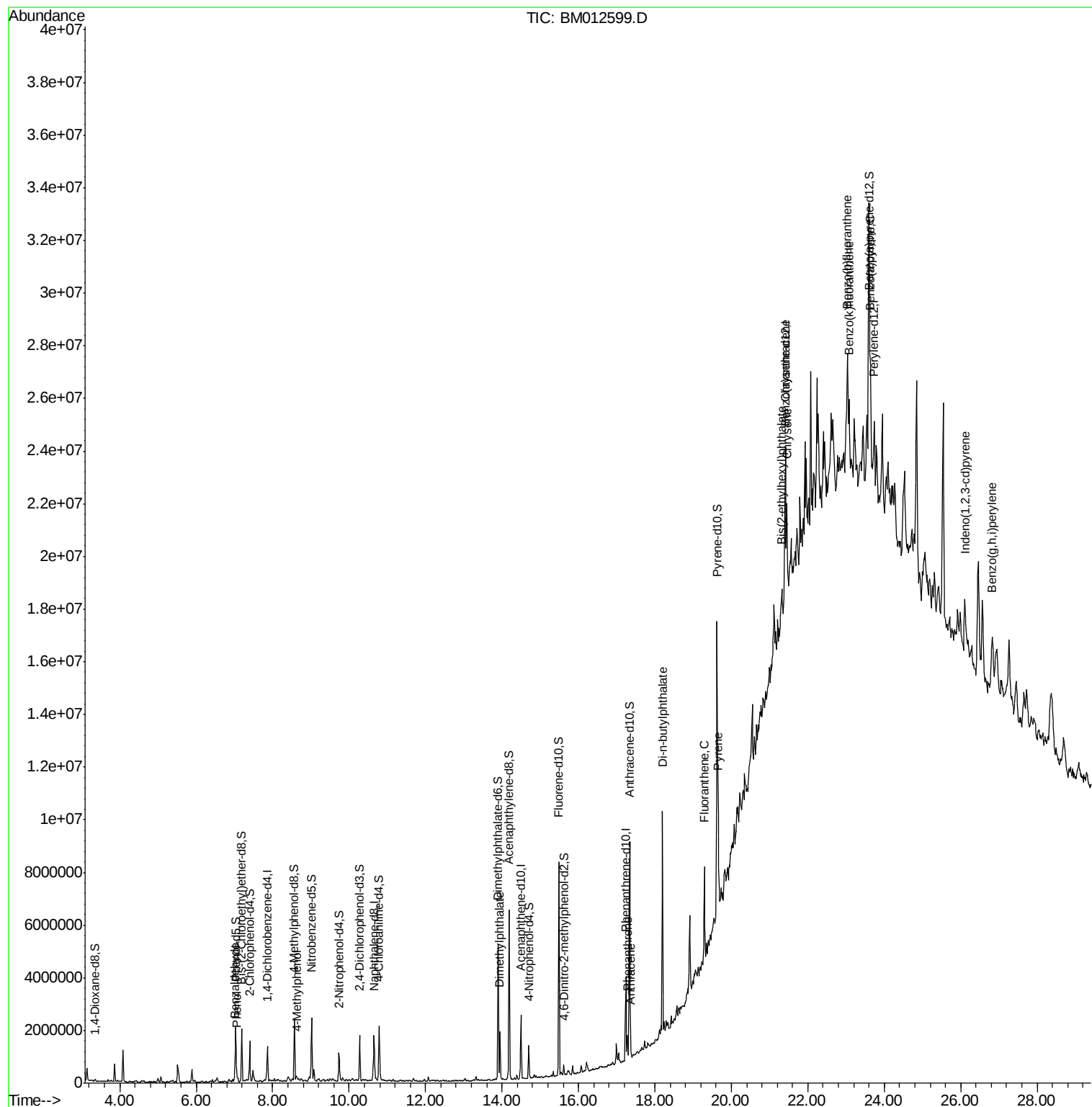
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012599.D
Acq On : 31 Oct 2017 06:33
Operator : SJ/JU
Sample : I5786-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

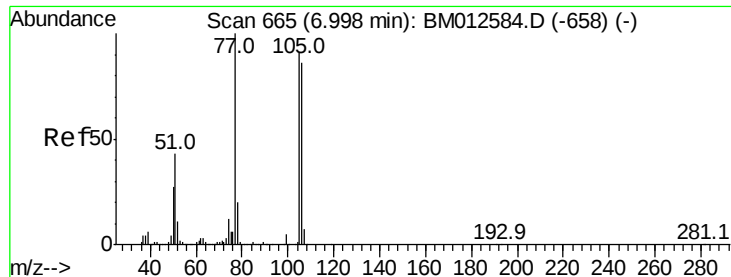
Instrument :
BNA_M
ClientSampleId :
B-66(1.5-2.5) 101017

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Quant Time: Oct 31 09:17:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.294 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Instrument :

BNA_M

ClientSampleId :

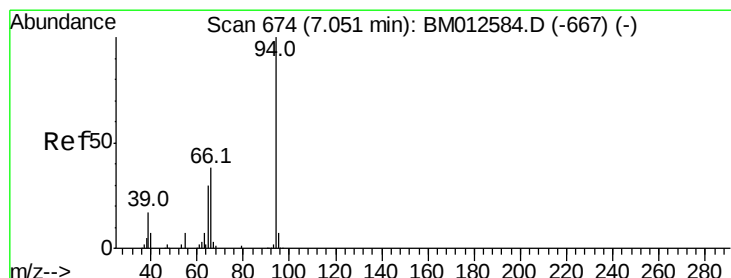
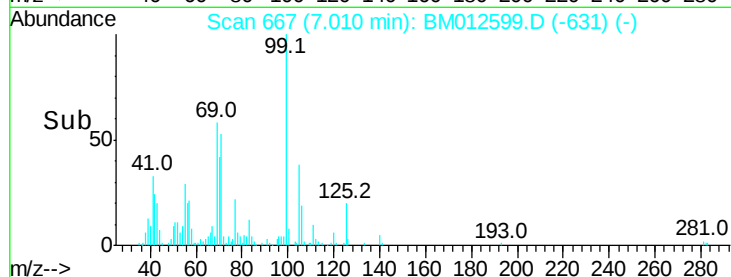
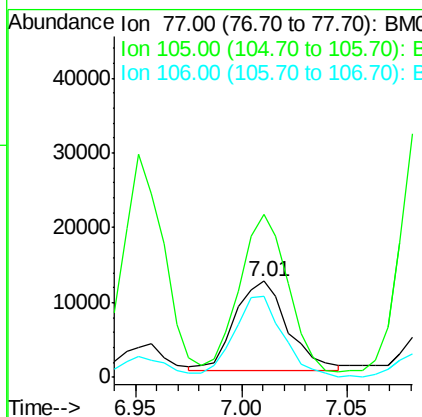
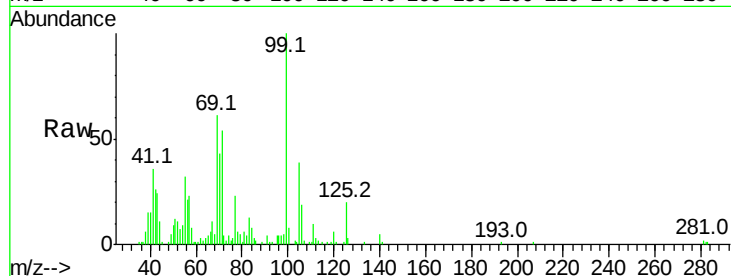
B-66(1.5-2.5) 101017

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Tot Ion	Ratio	Lower	Upper
77	100		
105	169.7	66.1	99.1#
106	84.9	67.8	101.6



#6

Phenol

Concen: 3.129 ng/ul

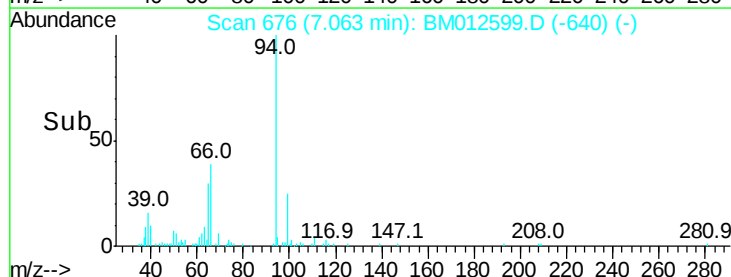
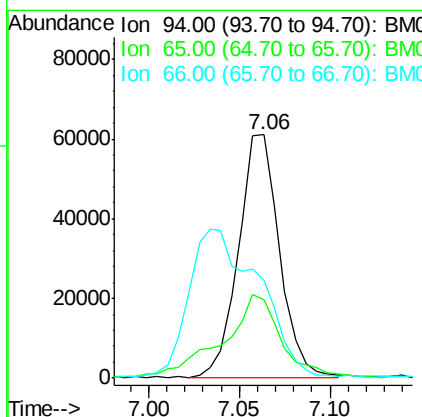
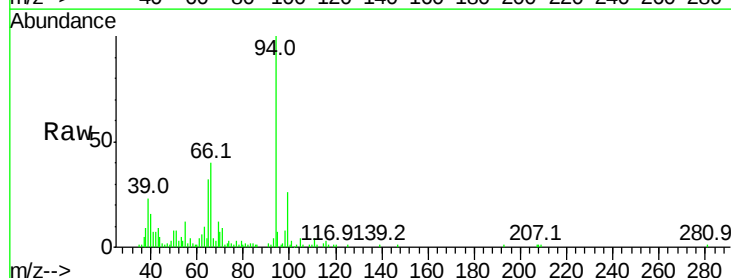
RT: 7.06 min Scan# 676

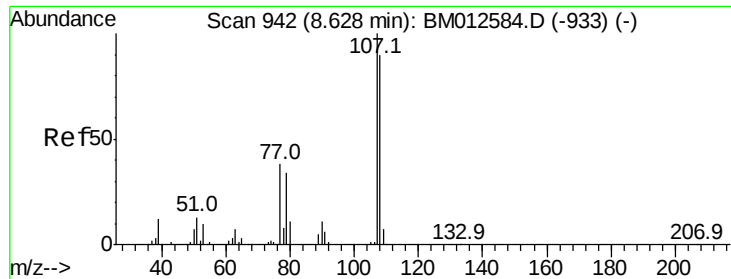
Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	28.2	42.4
66	40.0	47.2	70.8#





#16

4-Methylphenol

Concen: 1.800 ng/ul

RT: 8.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Instrument :

BNA_M

ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:108 Resp: 45859

Ion Ratio Lower Upper

108 100

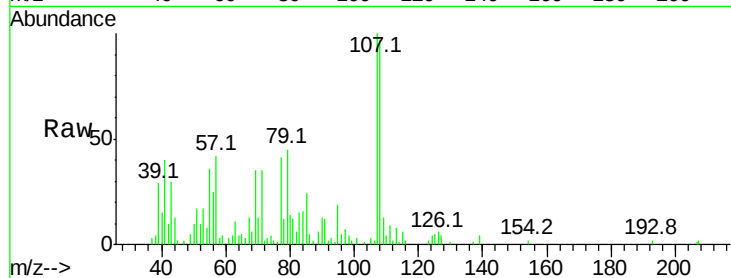
107 102.7 84.9 127.3

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.63

25000

20000

15000

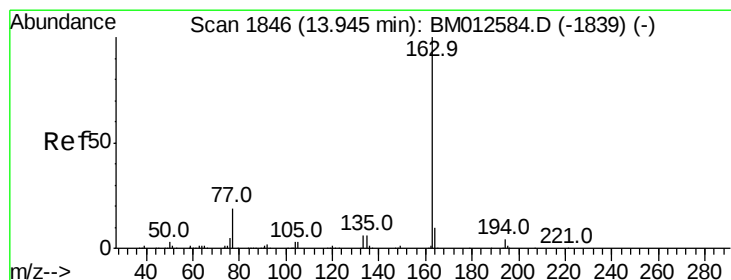
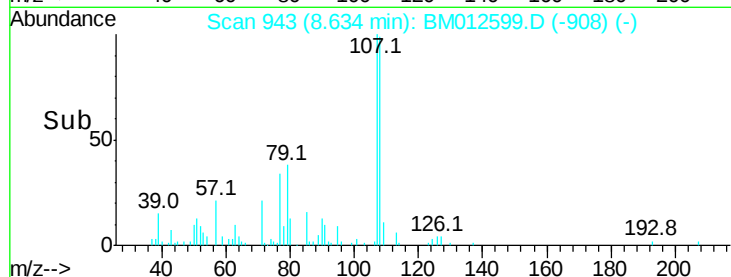
10000

5000

0

8.55 8.60 8.65 8.70

Time-->



#44

Dimethylphthalate

Concen: 15.878 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

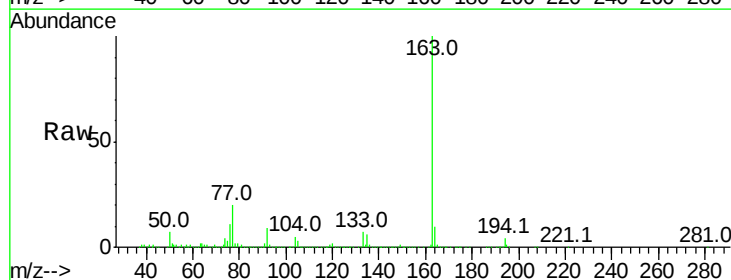
Tgt Ion:163 Resp: 1109756

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.95

1000000

800000

600000

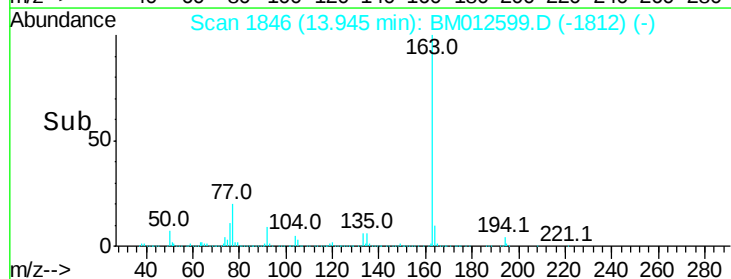
400000

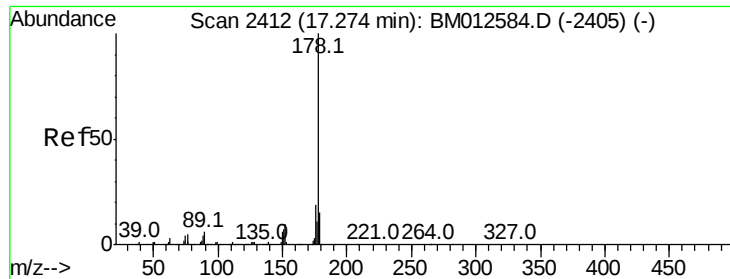
200000

0

13.90 13.95 14.00

Time-->





#69

Phenanthrene

Concen: 5.764 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Instrument :

BNA_M

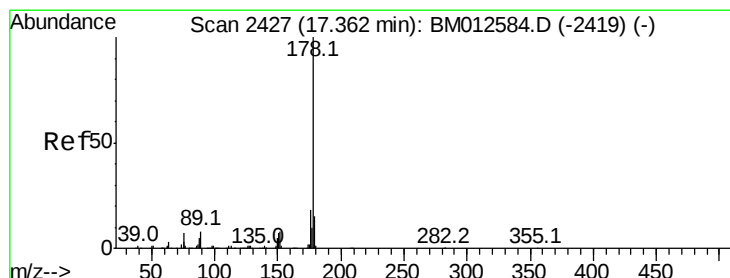
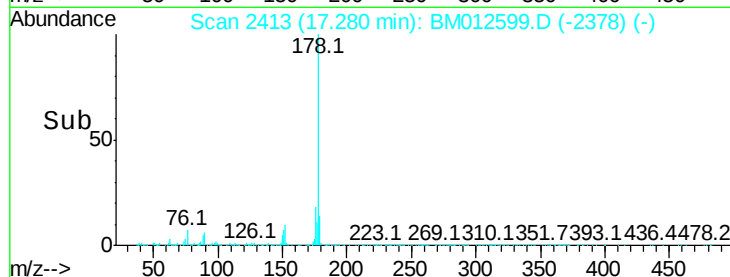
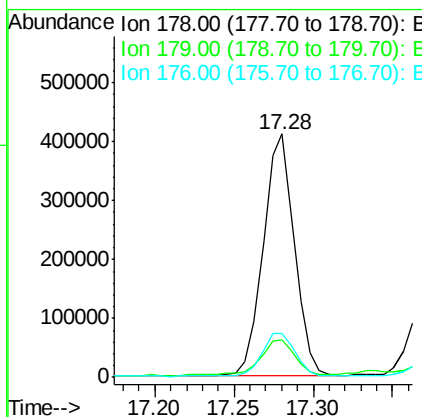
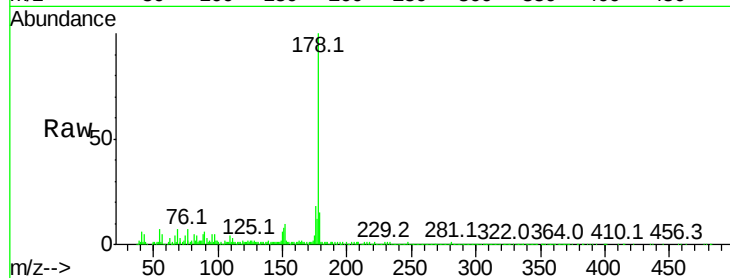
ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:178	Resp:	567471
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.6 19.0
176	18.1	14.9 22.3

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#71

Anthracene

Concen: 1.569 ng/ul

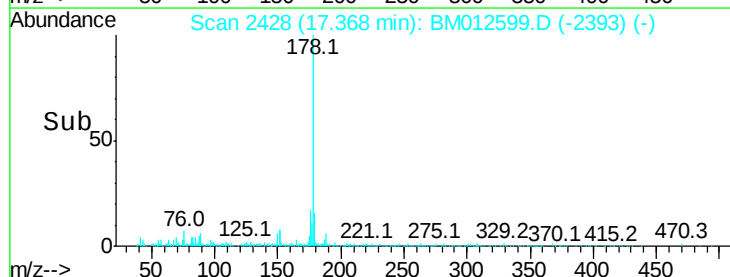
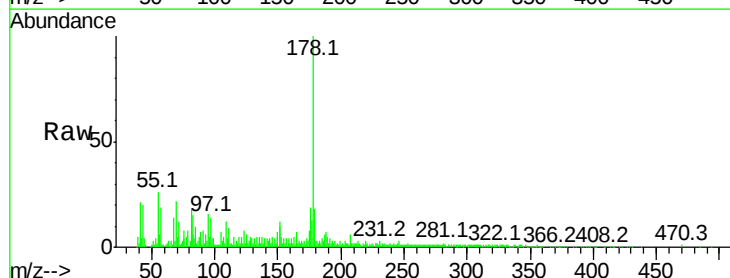
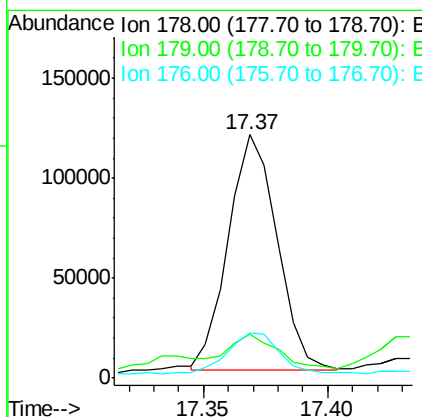
RT: 17.37 min Scan# 2428

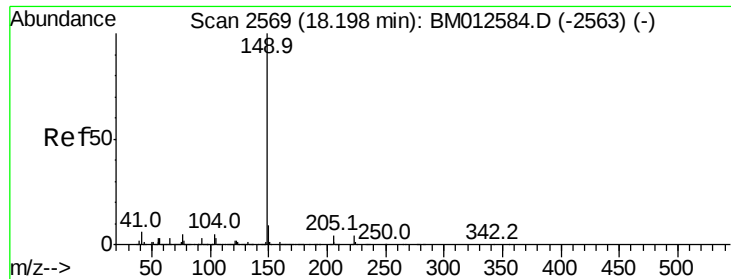
Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Tgt Ion:178	Resp:	159635
Ion Ratio	Lower	Upper
178	100	
179	18.2	11.7 17.5#
176	18.6	14.6 21.8





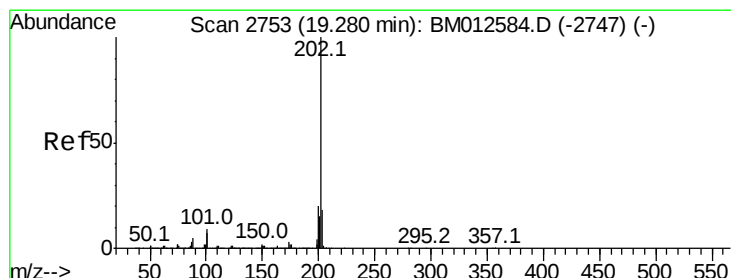
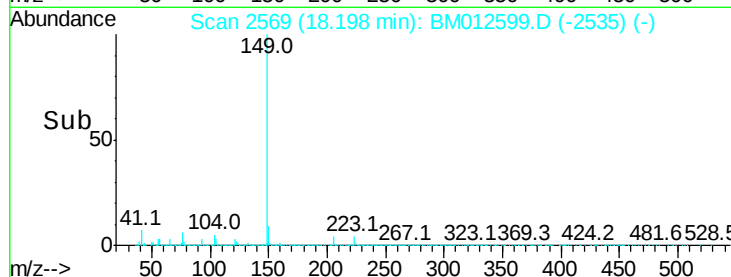
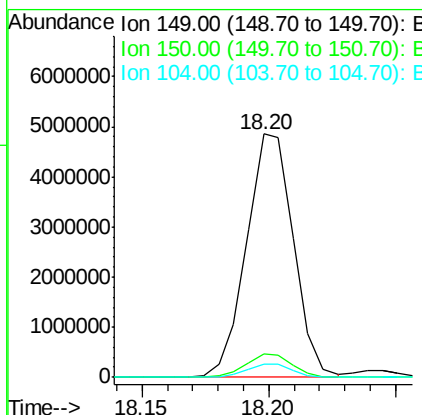
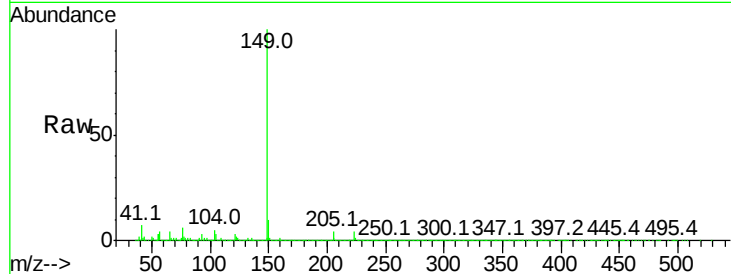
#73
Di-n-butylphthalate
Concen: 58.071 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BM012599.D
Acq: 31 Oct 2017 06:33

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

Tot Ion:149 Resp: 6241561
Ion Ratio Lower Upper
149 100
150 9.6 7.1 10.7
104 5.5 5.6 8.4#

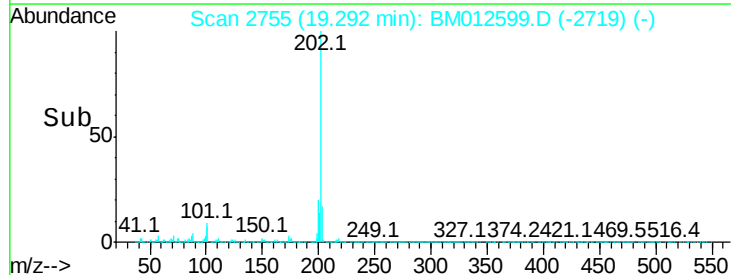
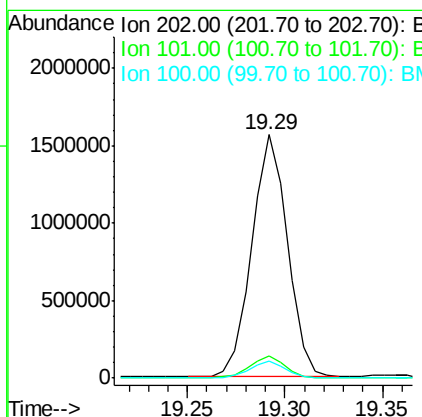
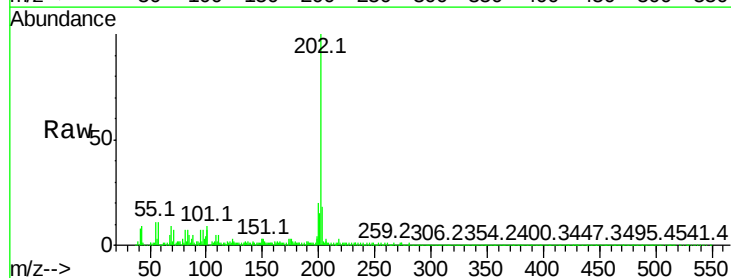
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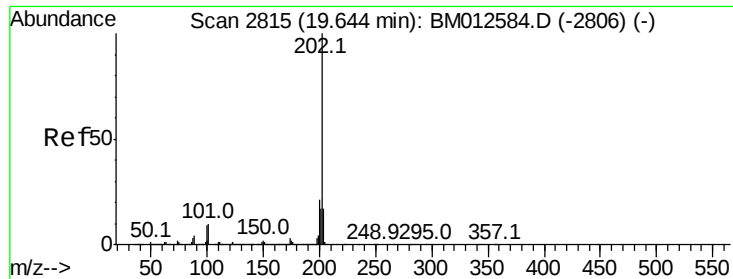
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#74
Fluoranthene
Concen: 17.673 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BM012599.D
Acq: 31 Oct 2017 06:33

Tgt Ion:202 Resp: 1971419
Ion Ratio Lower Upper
202 100
101 9.0 4.6 7.0#
100 7.0 3.4 5.2#





#77

Pvrene

Concen: 15.386 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Instrument :

BNA_M

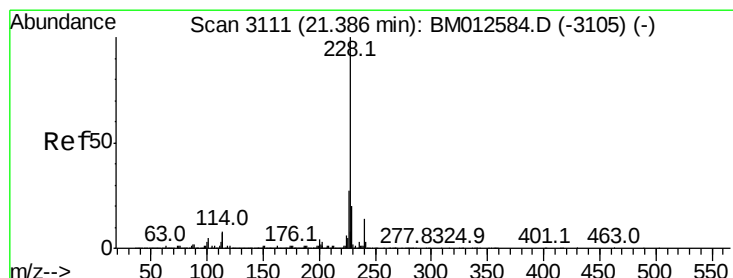
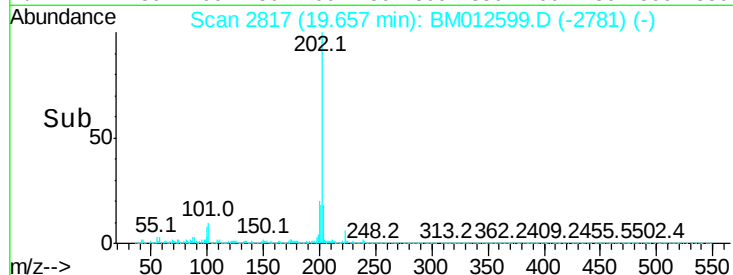
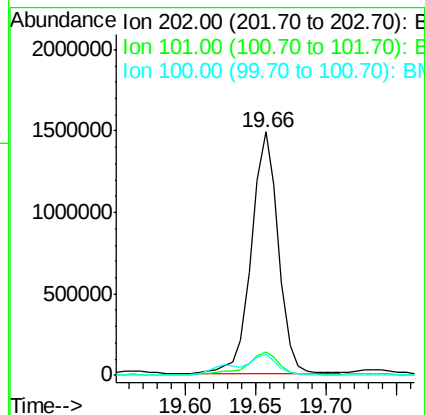
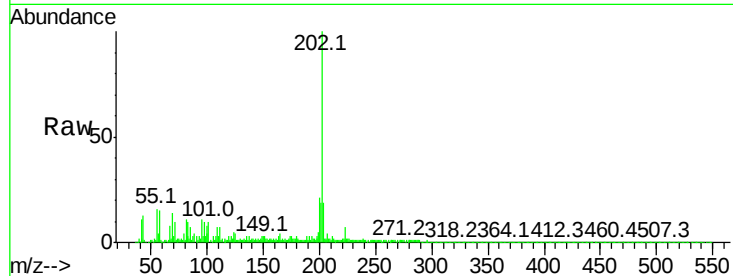
ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:	202	Resp:	1987086
Ion Ratio	Lower	Upper	
202	100		
101	9.6	5.1	7.7#
100	8.4	4.9	7.3#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 12.278 ng/ul

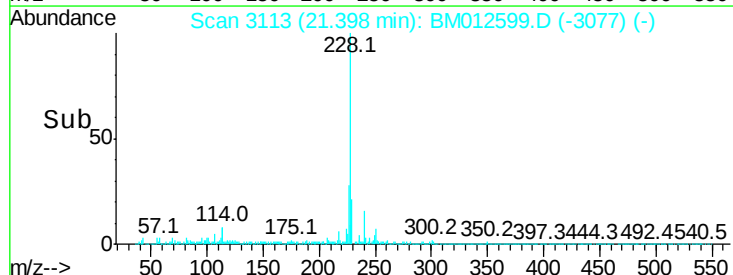
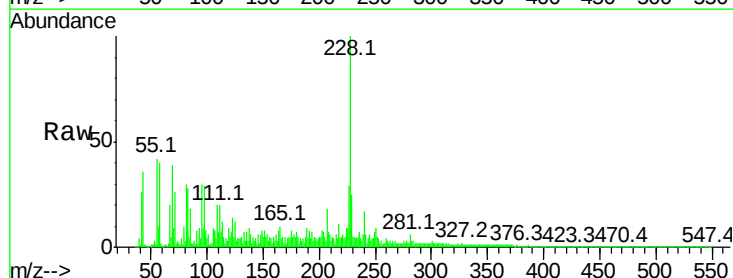
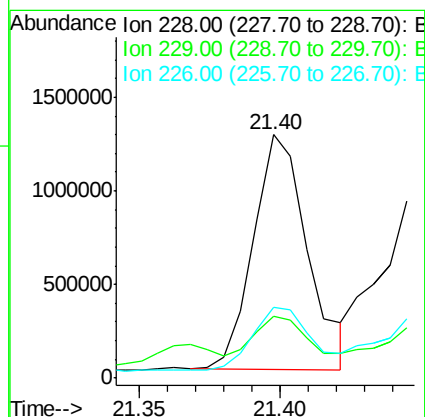
RT: 21.40 min Scan# 3113

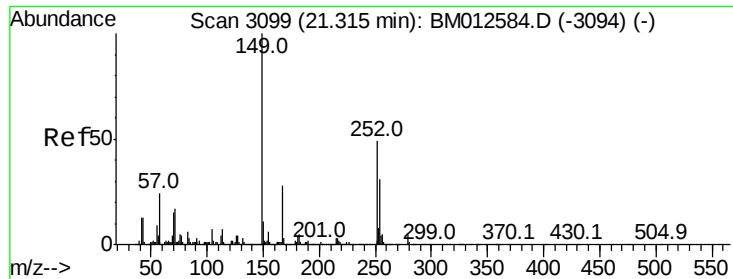
Delta R.T. 0.01 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Tgt Ion:	228	Resp:	1669694
Ion Ratio	Lower	Upper	
228	100		
229	25.4	15.4	23.0#
226	29.3	21.4	32.0





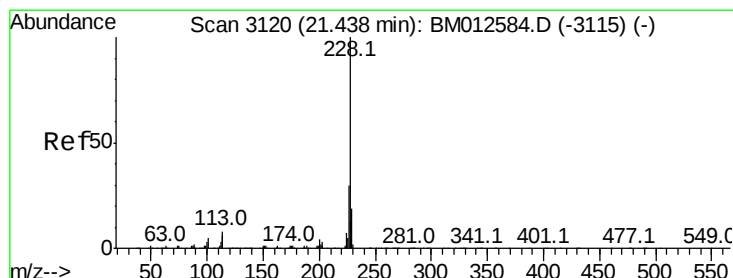
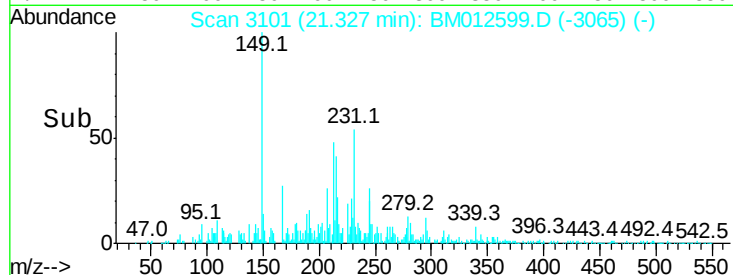
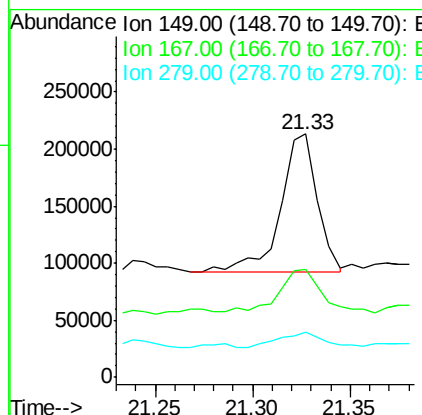
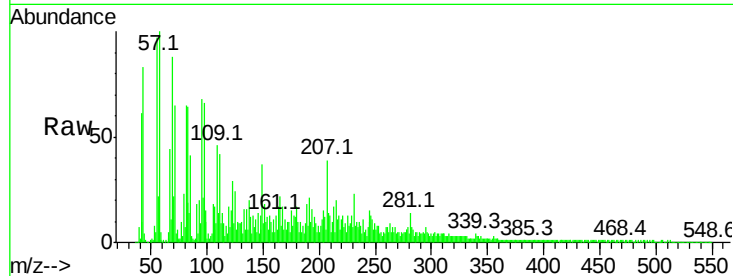
#81
Bis(2-ethylhexyl)phthalate
Concen: 2.063 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM012599.D
Acq: 31 Oct 2017 06:33

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	44.1	22.8	34.2#
279	18.5	4.9	7.3#

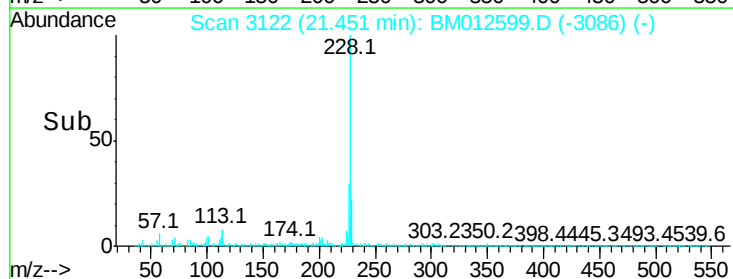
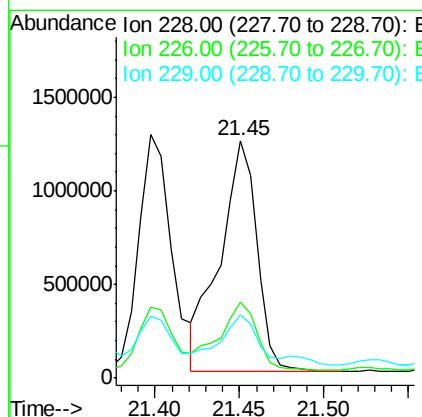
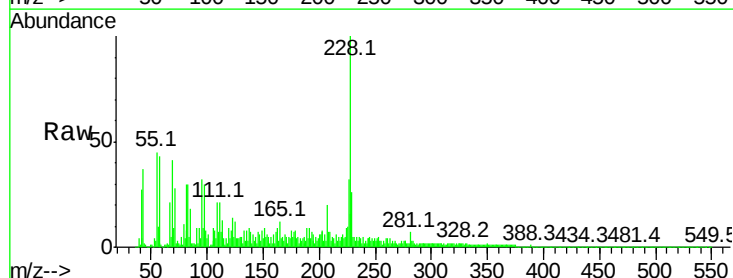
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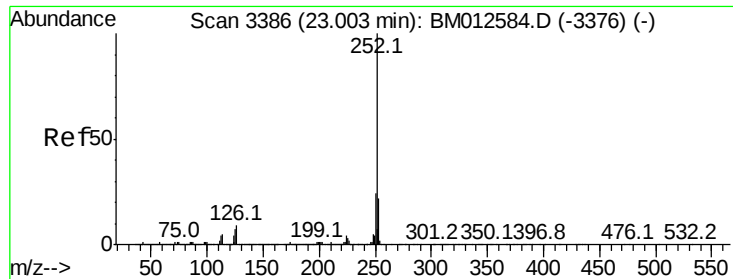
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#82
Chrysene
Concen: 15.613 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BM012599.D
Acq: 31 Oct 2017 06:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.2
229	26.4	15.5	23.3#





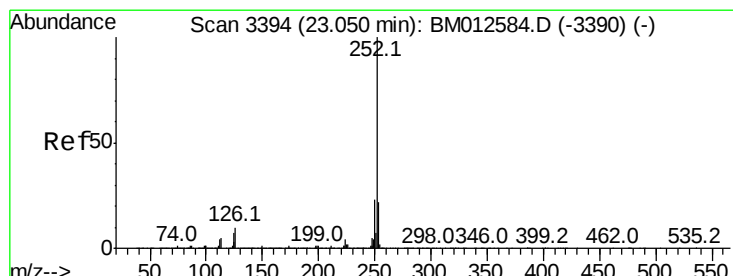
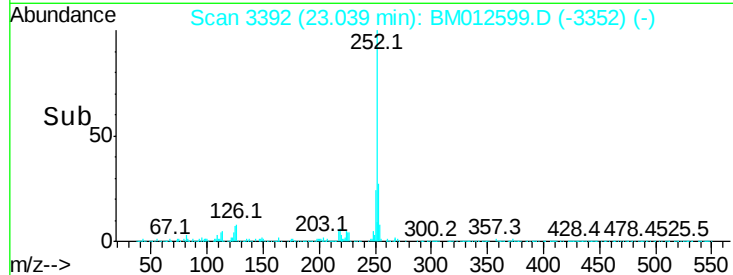
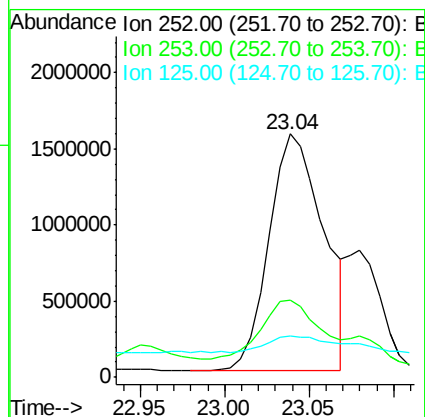
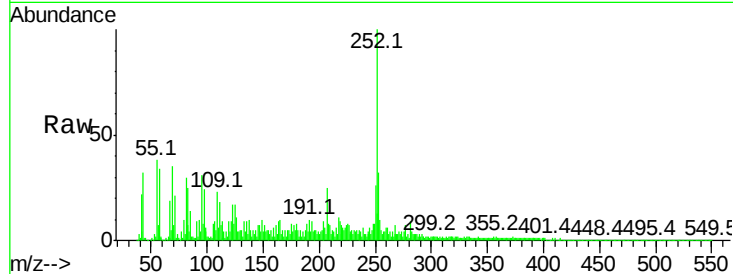
#85
Benzo(b)fluoranthene
Concen: 22.001 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.04 min
Lab File: BM012599.D
Acq: 31 Oct 2017 06:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.9	26.9#
125	16.8	3.6	5.4#

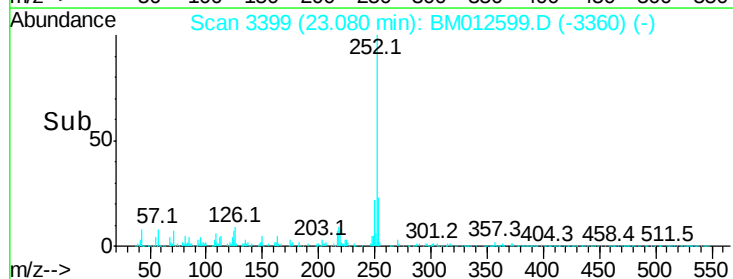
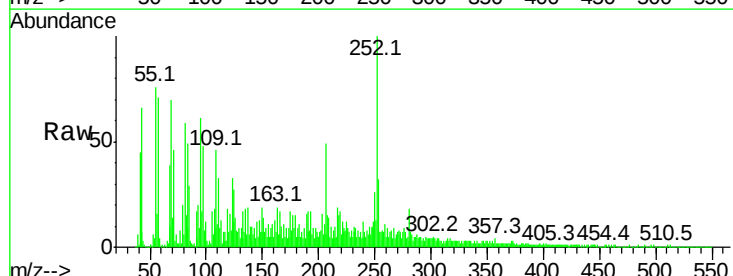
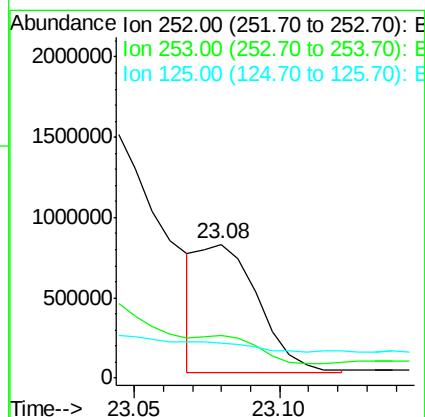
Manual Integrations
APPROVED

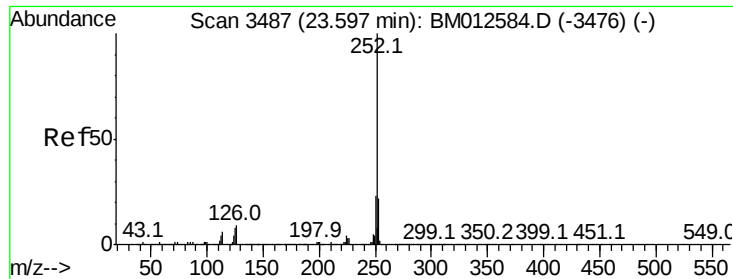
Sohil
10/31/2017 7:47:44 PM



#86
Benzo(k)fluoranthene
Concen: 7.506 ng/ul m
RT: 23.08 min Scan# 3399
Delta R.T. 0.03 min
Lab File: BM012599.D
Acq: 31 Oct 2017 06:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.1	25.7#
125	26.6	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 16.612 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. 0.04 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Instrument :

BNA_M

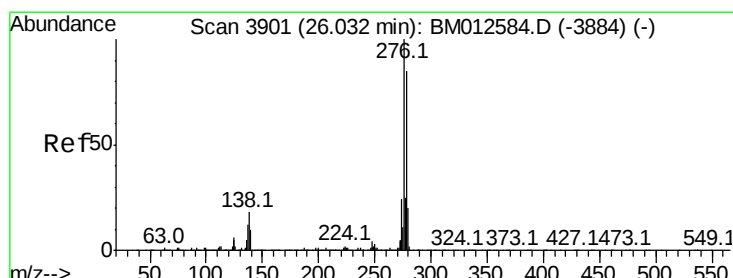
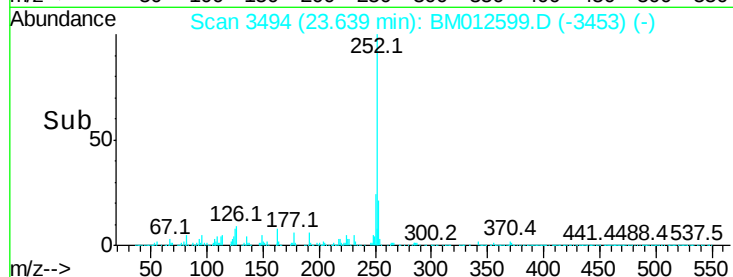
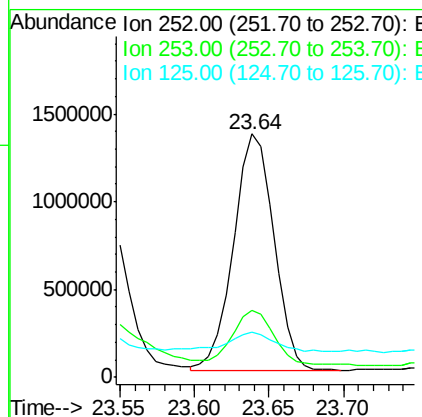
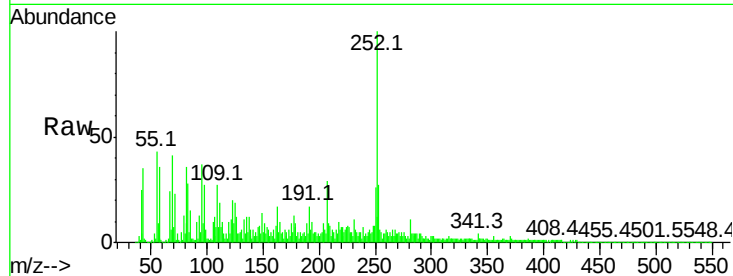
ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:	252	Resp:	2523270
Ion Ratio	Lower	Upper	
252	100		
253	27.5	18.2	27.2#
125	18.5	4.0	6.0#

Manual Integrations
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Sohil
10/31/2017 7:47:44 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 12.325 ng/ul

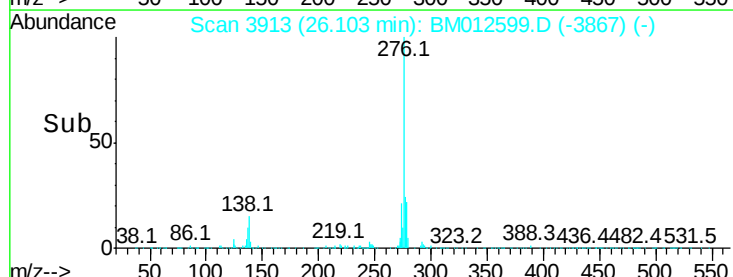
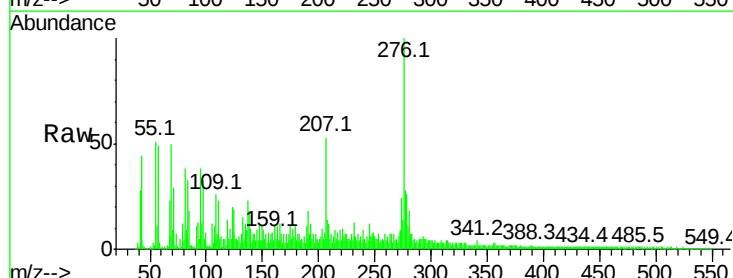
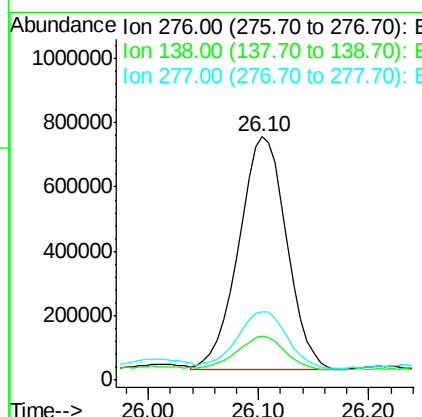
RT: 26.10 min Scan# 3913

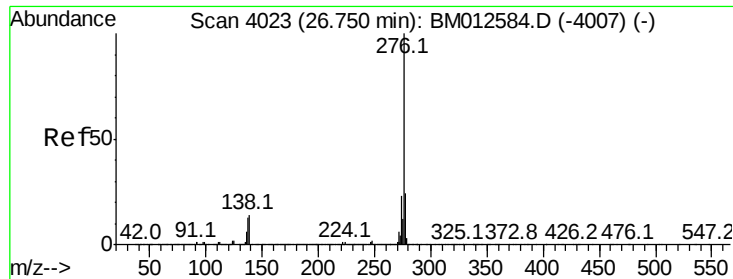
Delta R.T. 0.07 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Tgt Ion:	276	Resp:	2203267
Ion Ratio	Lower	Upper	
276	100		
138	18.0	9.3	13.9#
277	28.2	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 13.609 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. 0.08 min

Lab File: BM012599.D

Acq: 31 Oct 2017 06:33

Instrument :

BNA_M

ClientSampleId :

B-66(1.5-2.5) 101017

Tot Ion:276 Resp: 1971776

Ion Ratio Lower Upper

276 100

138 17.7 8.5 12.7#

277 28.3 18.6 28.0#

Manual Integrations
APPROVED

Sohil

10/31/2017 7:47:44 PM

