

Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-74(3-4)-100417

Manual Integrations
APPROVED

Sohil
10/18/2017 7:33:55 PM

Quant Time: Jun 27 02:34:56 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 08:12:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	303191	20.00	ng/ul	0.02
18) Naphthalene-d8	10.60	136	1078404	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.44	164	438082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1160989	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	837846	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	785200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	15892	2.49	ng/uL	0.00
5) Phenol-d5	6.96	99	708628	28.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	1030978m	69.88	ng/ul	0.01
9) 2-Chlorophenol-d4	7.34	132	552535	26.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.52	113	443414	20.94	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	591629	71.89	ng/ul	0.05
22) 2-Nitrophenol-d4	9.69	143	269029	27.98	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	473113	25.77	ng/ul	0.02
29) 4-Chloroaniline-d4	10.74	131	157812m	9.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1107556	28.60	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1327799	28.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	61186	10.51	ng/ul	0.02
57) Fluorene-d10	15.43	176	896102	28.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	66205	8.31	ng/ul	0.00
70) Anthracene-d10	17.29	188	1630955	28.41	ng/ul	0.00
76) Pyrene-d10	19.59	212	1670912	39.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1074815	28.39	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.62	105	218928	6.801	ng/ul#	96
24) 2,4-Dimethylphenol	9.82	107	591266	28.451	ng/ul#	72
32) Caprolactam	11.60	113	220312m	38.588	ng/ul	
44) Dimethylphthalate	13.90	163	724661m	18.681	ng/ul	
49) Acenaphthene	14.51	153	43210	1.394	ng/ul#	77
69) Phenanthrene	17.23	178	85069	1.288	ng/ul#	80
77) Pyrene	19.62	202	74085	1.339	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.26	149	745244	20.164	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	58040	1.133	ng/ul#	69

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

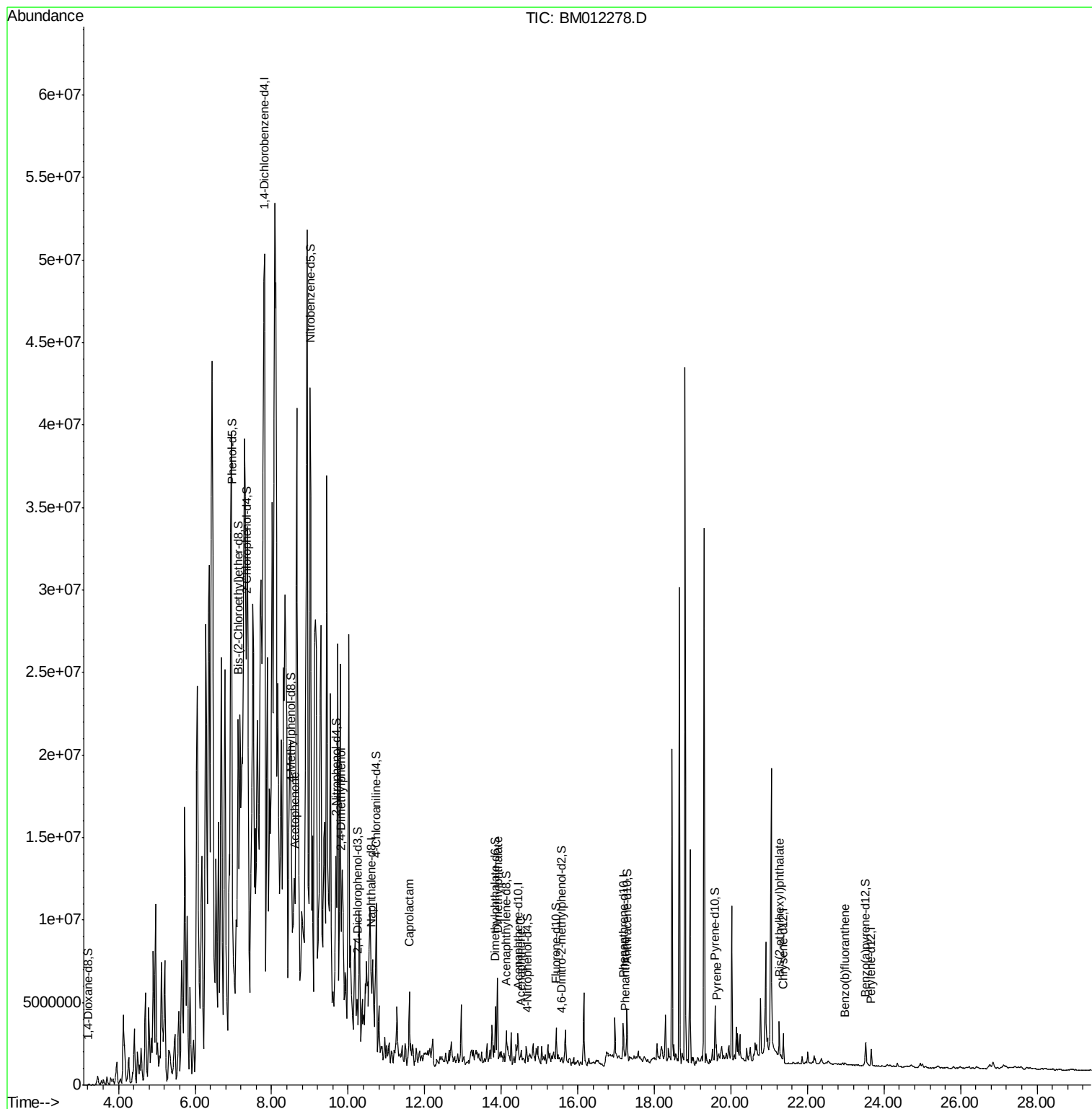
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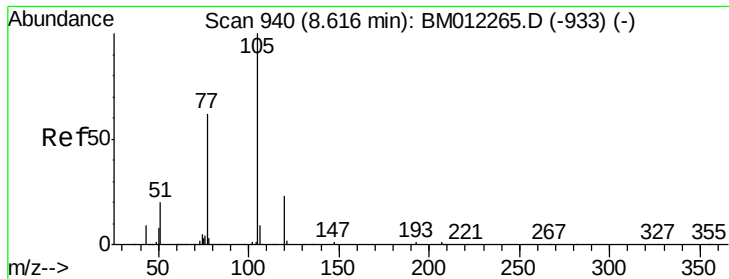
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Response via : Initial Calibration





#14

Acetophenone

Concen: 6.801 ng/ul

RT: 8.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Instrument :

BNA_M

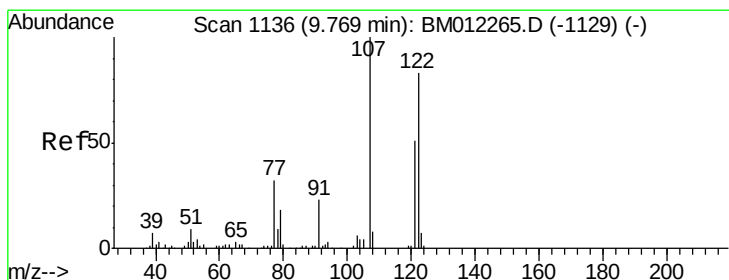
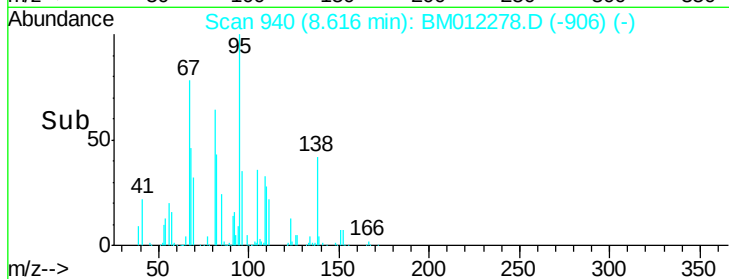
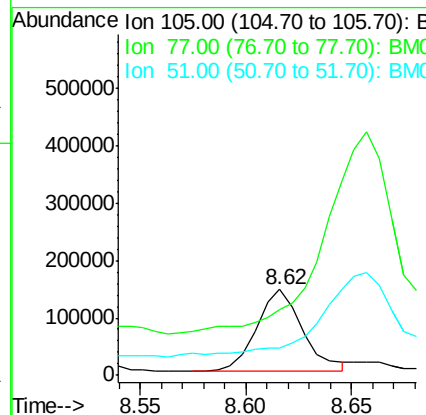
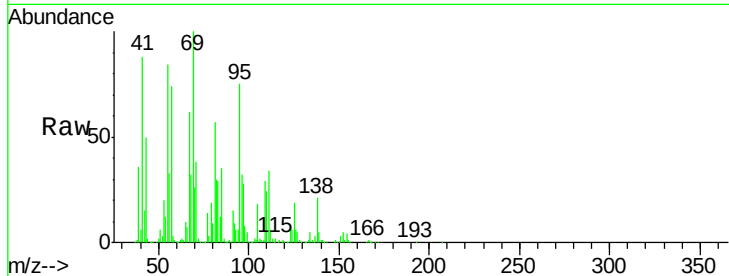
ClientSampleId :

B-74(3-4)-100417

Tgt Ion:	105	Resp:	218928
Ion Ratio	Lower	Upper	
105	100		
77	76.7	61.7	92.5
51	32.3	20.1	30.1#

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#24

2,4-Dimethylphenol

Concen: 28.451 ng/ul

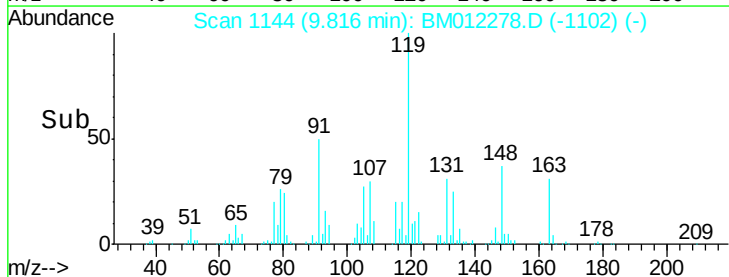
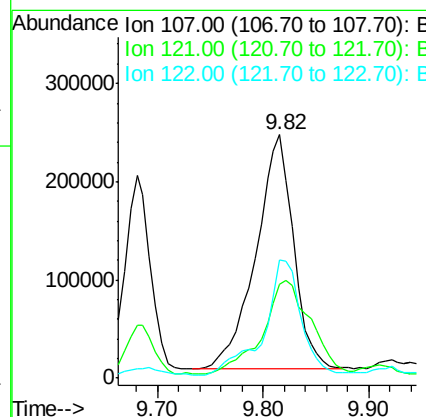
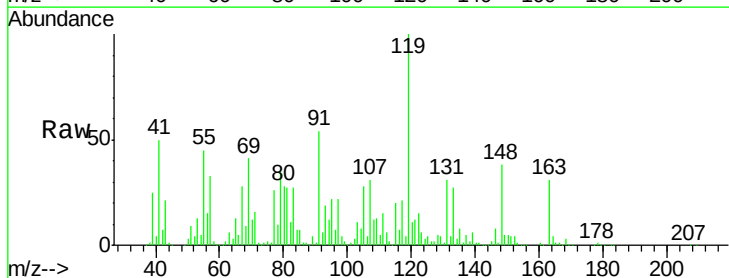
RT: 9.82 min Scan# 1144

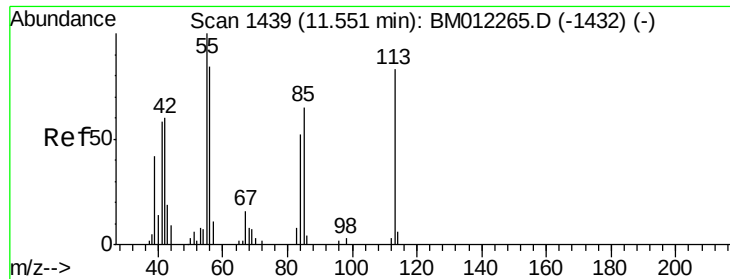
Delta R.T. 0.05 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Tgt Ion:	107	Resp:	591266
Ion Ratio	Lower	Upper	
107	100		
121	38.7	39.8	59.8#
122	48.7	64.4	96.6#





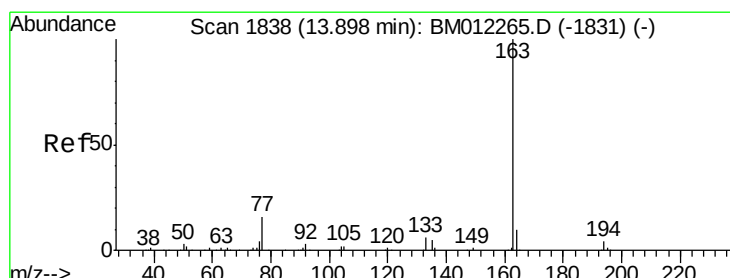
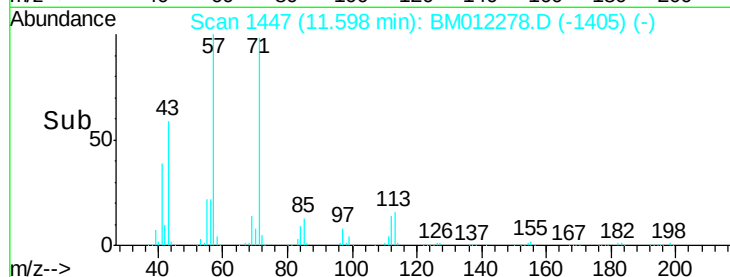
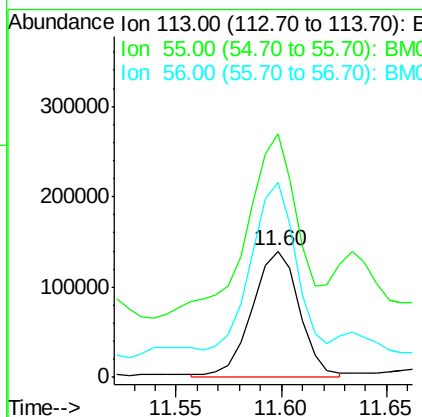
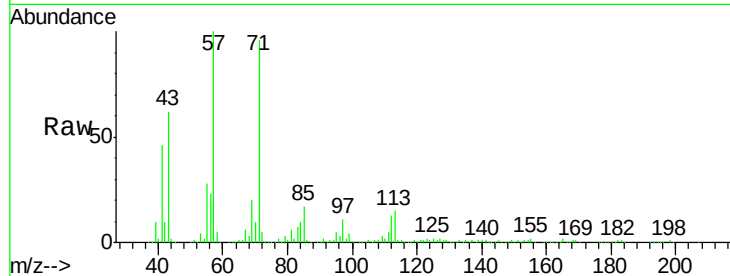
#32
 Caprolactam
 Concen: 38.588 ng/ul m
 RT: 11.60 min Scan# 1447
 Delta R.T. 0.05 min
 Lab File: BM012278.D
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Tgt Ion	Ratio	Lower	Upper
113	100		
55	192.9	107.7	161.5#
56	154.6	97.1	145.7#

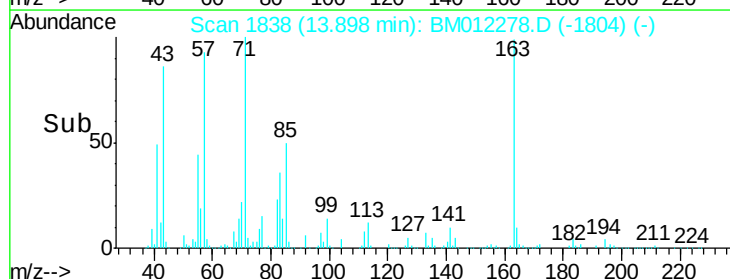
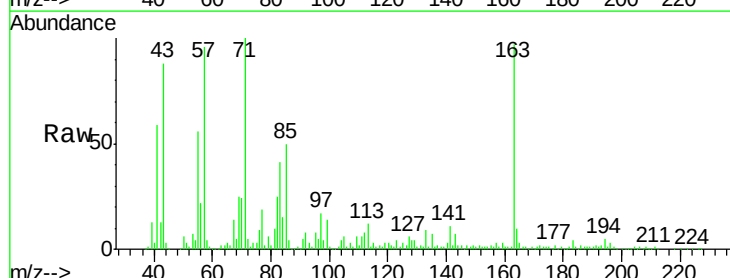
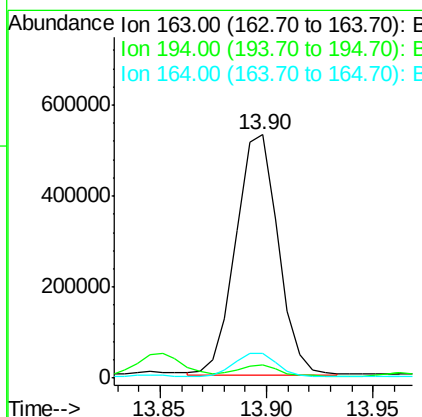
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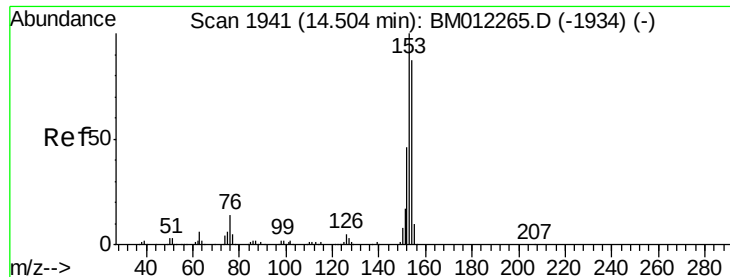
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#44
 Dimethylphthalate
 Concen: 18.681 ng/ul m
 RT: 13.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BM012278.D
 Acq: 18 Oct 2017 08:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.7	5.5
164	10.4	8.1	12.1





#49

Acenaphthene

Concen: 1.394 ng/ul

RT: 14.51 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Instrument :

BNA_M

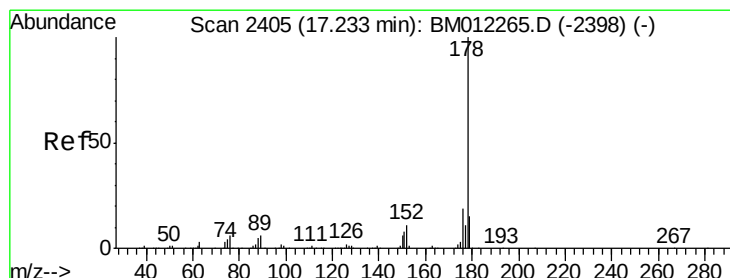
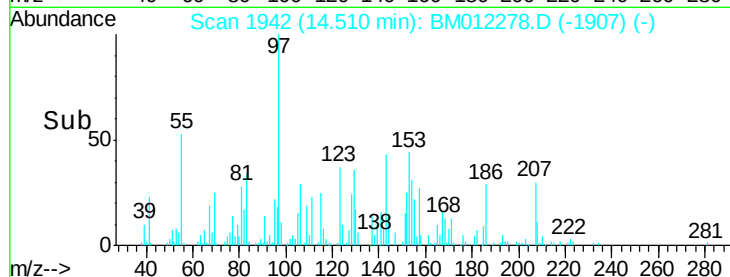
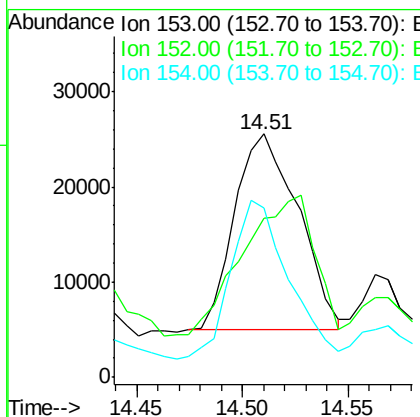
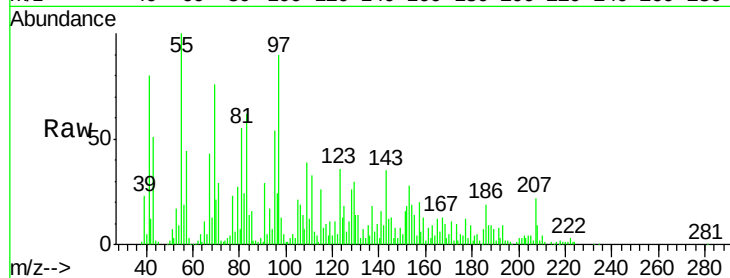
ClientSampled :

B-74(3-4)-100417

Tgt Ion:	153	Resp:	43210
Ion Ratio	Lower	Upper	
153	100		
152	65.5	37.4	56.0#
154	69.3	71.1	106.7#

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#69

Phenanthrene

Concen: 1.288 ng/ul

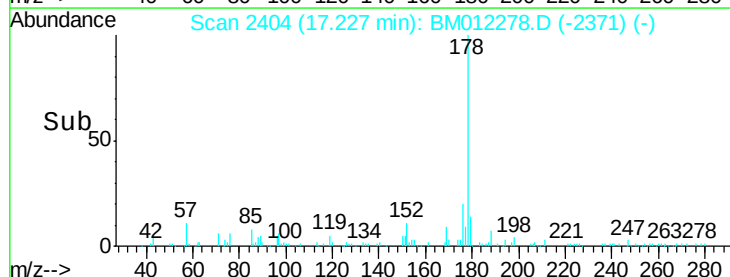
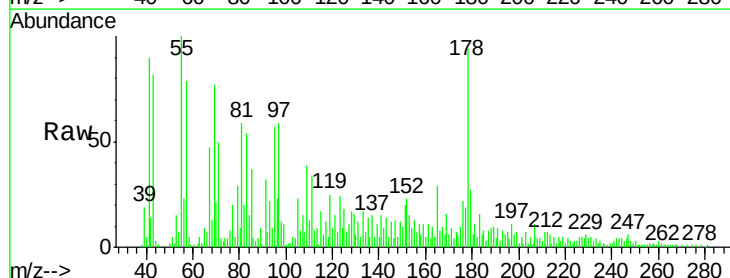
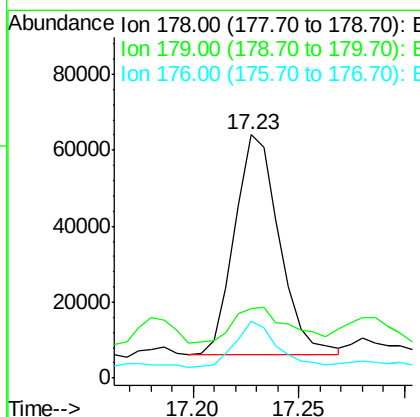
RT: 17.23 min Scan# 2404

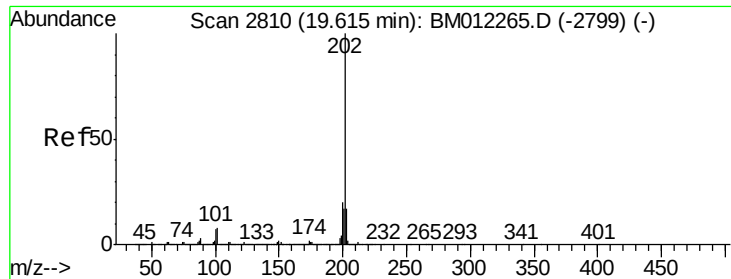
Delta R.T. -0.01 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Tgt Ion:	178	Resp:	85069
Ion Ratio	Lower	Upper	
178	100		
179	28.6	12.0	18.0#
176	23.5	15.0	22.6#





#77

Pyrene

Concen: 1.339 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Instrument :

BNA_M

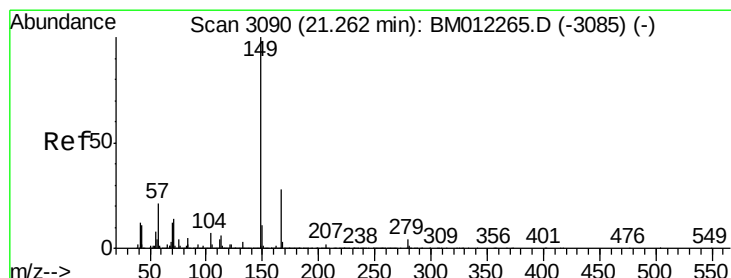
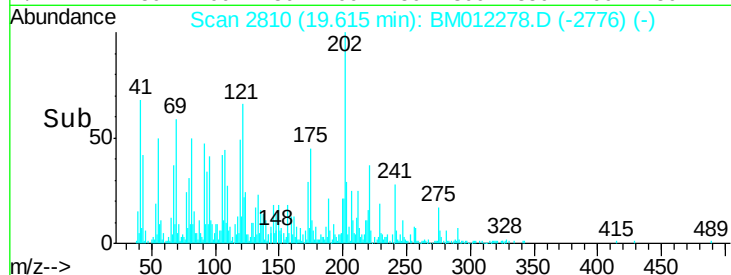
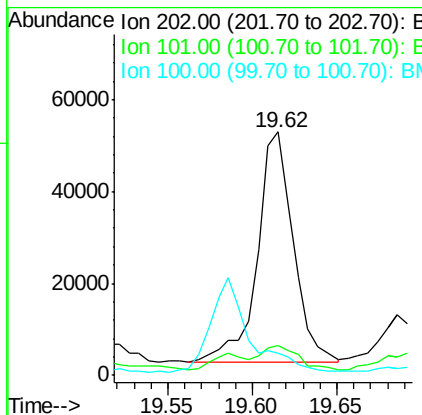
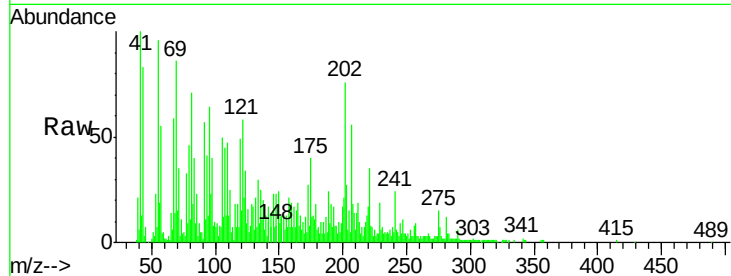
ClientSampleId :

B-74(3-4)-100417

Tgt Ion:	202	Resp:	74085
Ion Ratio	Lower	Upper	
202	100		
101	12.1	6.5	9.7#
100	9.4	5.6	8.4#

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 20.164 ng/ul

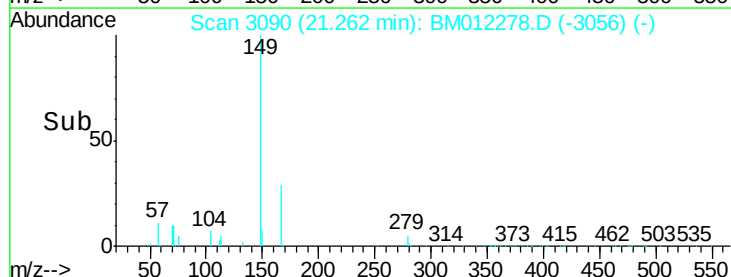
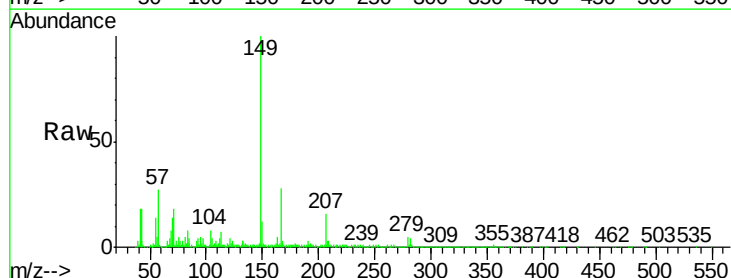
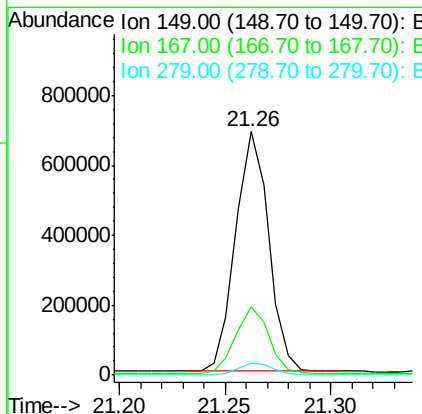
RT: 21.26 min Scan# 3090

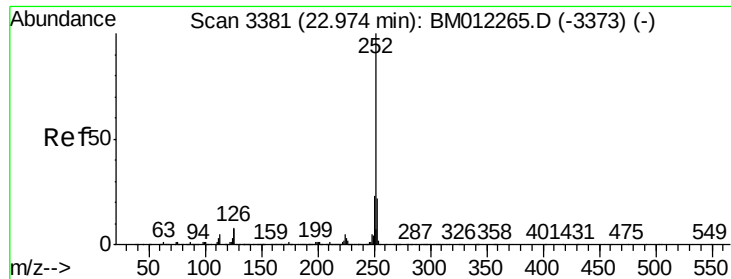
Delta R.T. -0.00 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Tgt Ion:	149	Resp:	745244
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.5	33.7
279	4.8	4.4	6.6





#85

Benzo(b)fluoranthene

Concen: 1.133 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. -0.00 min

Lab File: BM012278.D

Acq: 18 Oct 2017 08:55

Instrument :

BNA_M

ClientSampleId :

B-74(3-4)-100417

Tgt Ion:	252	Resp:	58040
Ion Ratio	Lower	Upper	
252	100		
253	31.4	17.4	26.2#
125	29.6	5.1	7.7#

Manual Integrations
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