

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014383.D
 Acq On : 27 Feb 2018 15:25
 Operator : SJ/JU
 Sample : J1631-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5Y5

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:08 PM

Quant Time: Feb 27 17:15:09 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	102457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	439838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	247305	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	517540	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	478109	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	481908	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	10609	4.43	ng/uL	0.00
5) Phenol-d5	6.73	99	213544	24.66	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	140678	26.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	188133	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	146329	19.31	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	93557	28.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	105466	31.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	189659	27.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	82650	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	624124	30.56	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	774049	30.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	64510	22.88	ng/ul	0.02
57) Fluorene-d10	15.18	176	532813	29.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	30836	9.93	ng/ul	0.01
70) Anthracene-d10	17.04	188	786825	31.51	ng/ul	0.00
76) Pyrene-d10	19.35	212	817015	33.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	729127	31.09	ng/ul	0.02

Target Compounds

				Ovalue	
4) Benzaldehyde	6.70	77	9253m	2.621	ng/ul
6) Phenol	6.76	94	22375	2.462	ng/ul 89
14) Acetophenone	8.35	105	129831	9.932	ng/ul 94
44) Dimethylphthalate	13.65	163	220891	10.968	ng/ul 99
47) Acenaphthylene	13.90	152	40997	1.722	ng/ul 97
69) Phenanthrene	16.98	178	380120	12.748	ng/ul 98
71) Anthracene	17.07	178	95126	3.172	ng/ul 97
72) Carbazole	17.36	167	36001	1.428	ng/ul# 96
73) Di-n-butylphthalate	17.92	149	69481	2.136	ng/ul# 93
74) Fluoranthene	19.02	202	889275	24.962	ng/ul# 96
77) Pyrene	19.38	202	894000	28.136	ng/ul# 94
80) Benzo(a)anthracene	21.14	228	491339	16.466	ng/ul 97
81) Bis(2-ethylhexyl)phthalate	21.07	149	29105	1.547	ng/ul 96
82) Chrysene	21.19	228	520988	18.716	ng/ul 97
85) Benzo(b)fluoranthene	22.69	252	694020	21.508	ng/ul# 95
86) Benzo(k)fluoranthene	22.72	252	199790m	6.512	ng/ul
88) Benzo(a)pyrene	23.24	252	478363	16.590	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.50	276	337408	12.059	ng/ul 98
90) Dibenzo(a,h)anthracene	25.50	278	102081	4.391	ng/ul# 65
91) Benzo(g,h,i)perylene	26.16	276	260163	11.478	ng/ul# 92

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

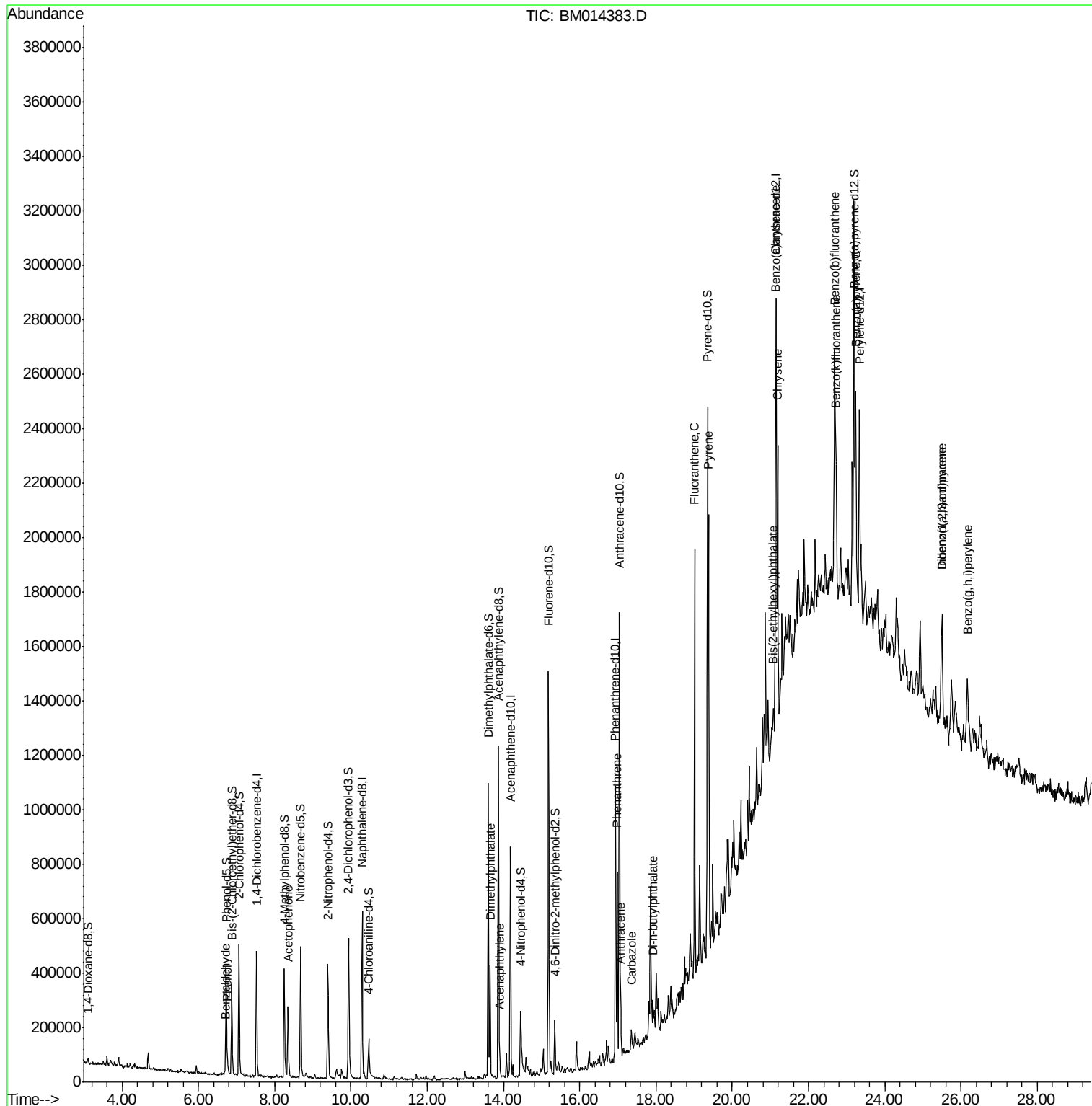
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
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Acq On : 27 Feb 2018 15:25
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Misc :
ALS Vial : 7 Sample Multiplier: 1

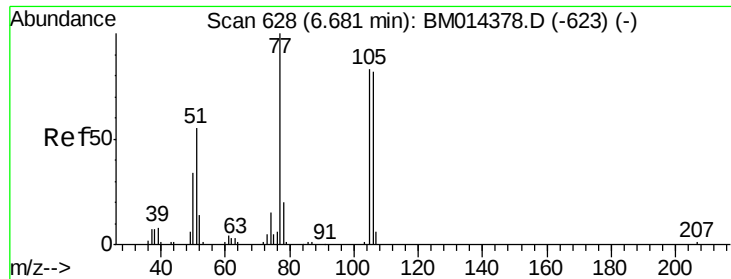
Instrument :
BNA_M
ClientSampled :
BE5Y5

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Quant Time: Feb 27 17:15:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.621 ng/ul m

RT: 6.70 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Instrument :

BNA_M

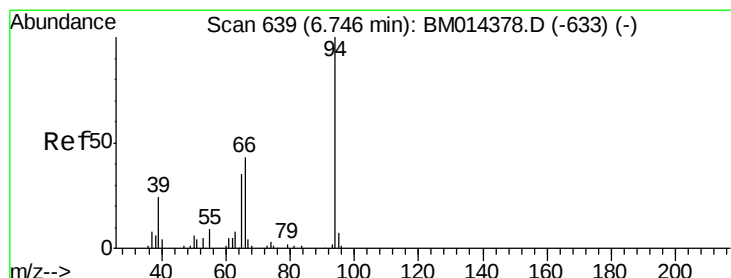
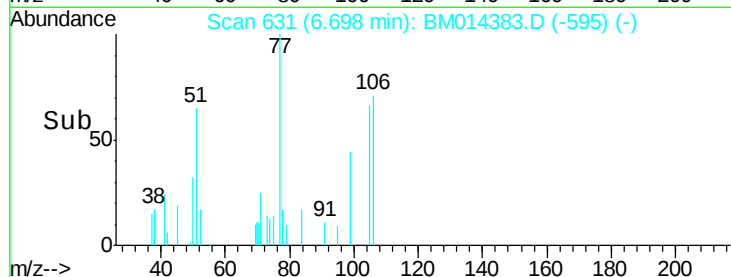
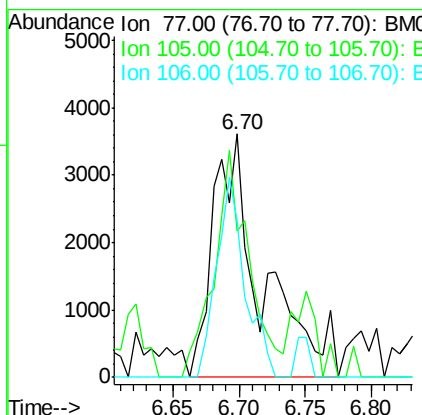
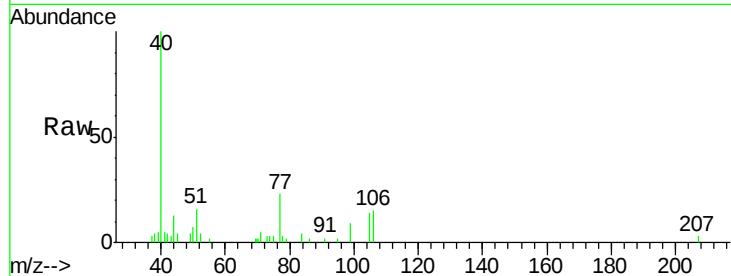
ClientSampled :

BE5Y5

Tot Ion	Ratio	Lower	Upper
77	100		
105	60.1	66.1	99.1#
106	64.5	67.8	101.6#

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#6

Phenol

Concen: 2.462 ng/ul

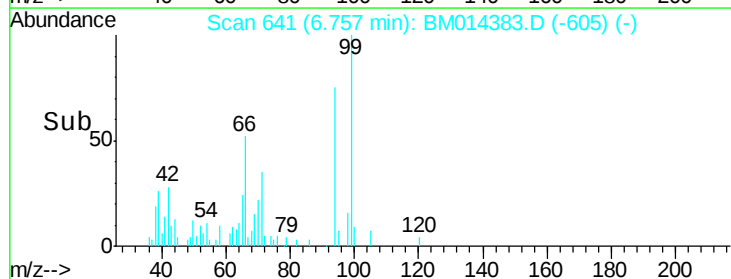
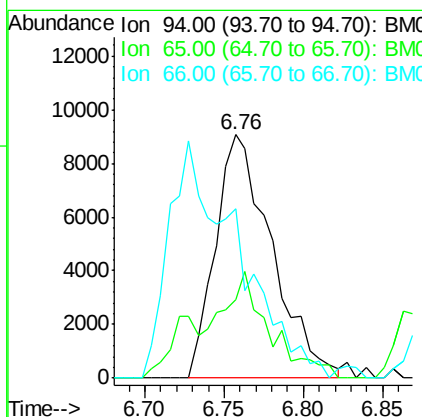
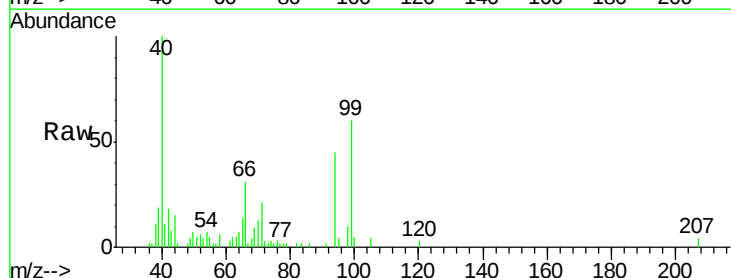
RT: 6.76 min Scan# 641

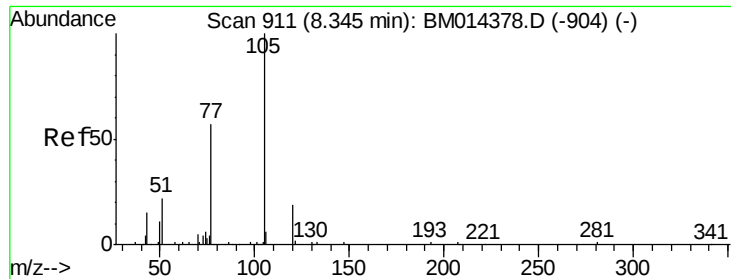
Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	28.2	42.4
66	69.8	47.2	70.8





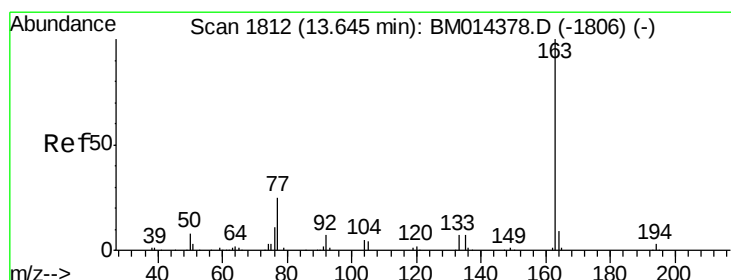
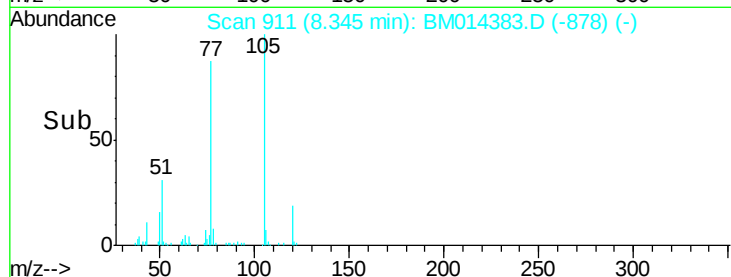
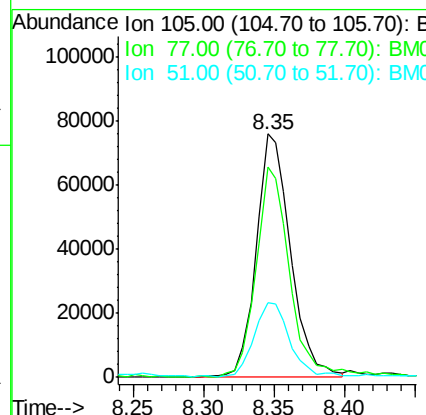
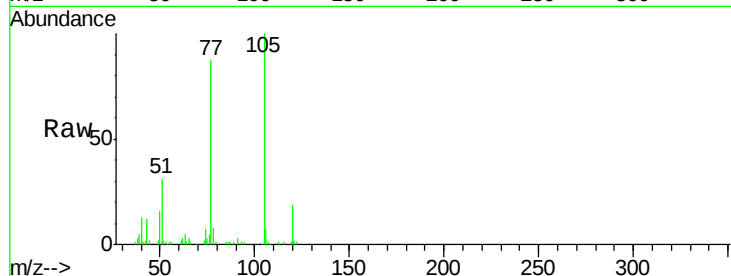
#14
Acetophenone
Concen: 9.932 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM014383.D
Acq: 27 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :
BE5Y5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	129831		
77	77	86.5		74.2	111.4
51	51	30.9		23.4	35.2

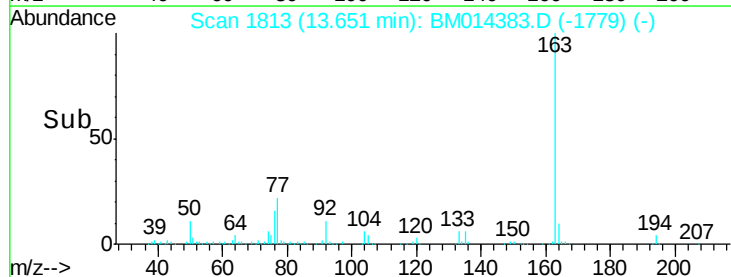
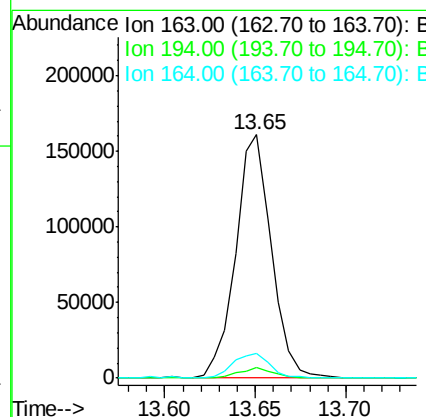
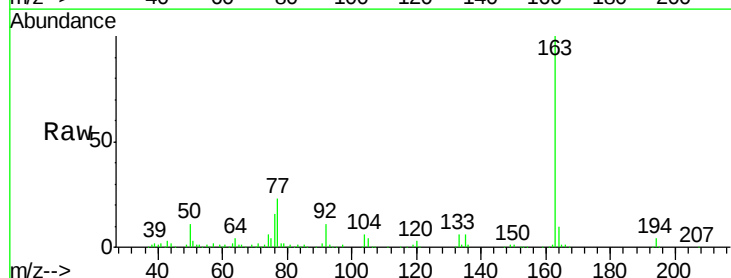
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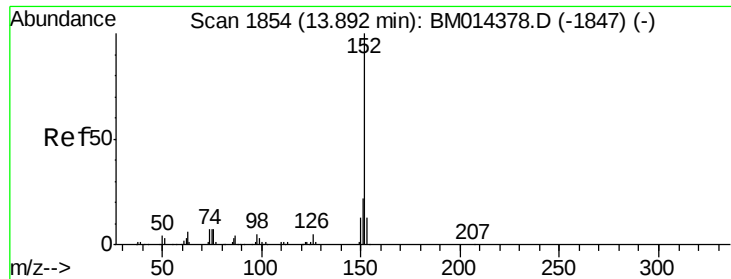
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#44
Dimethylphthalate
Concen: 10.968 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM014383.D
Acq: 27 Feb 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	163	100	220891		
194	194	4.4		3.5	5.3
164	164	10.0		8.2	12.4





#47

Acenaphthylene

Concen: 1.722 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Instrument :

BNA_M

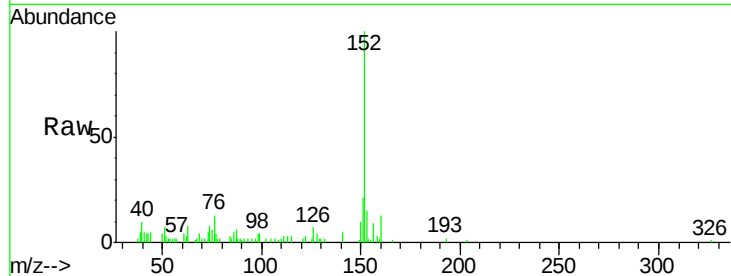
ClientSampleId :

BE5Y5

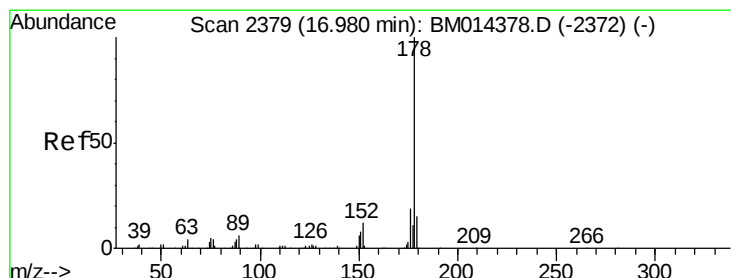
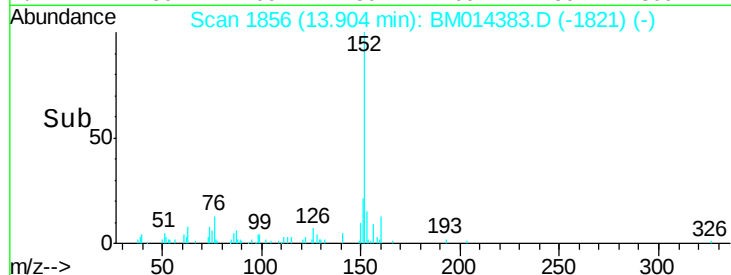
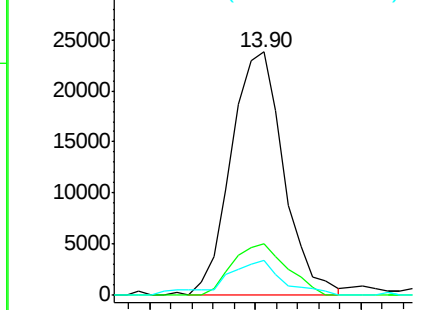
Tot Ion:	152	Resp:	40997
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	14.6	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 12.748 ng/ul

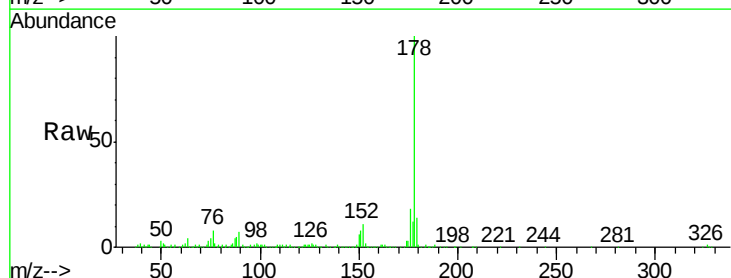
RT: 16.98 min Scan# 2379

Delta R.T. -0.00 min

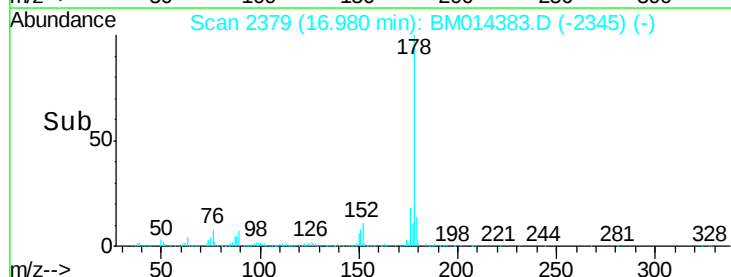
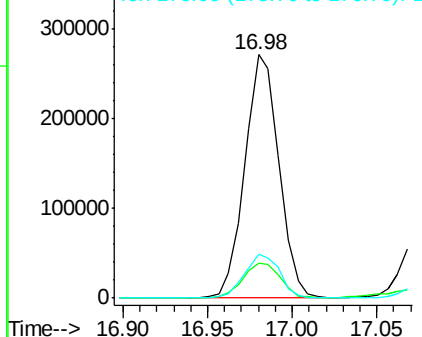
Lab File: BM014383.D

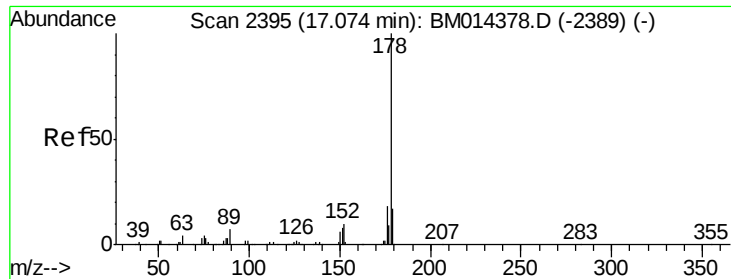
Acq: 27 Feb 2018 15:25

Tgt Ion:	178	Resp:	380120
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.6	19.0
176	17.9	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





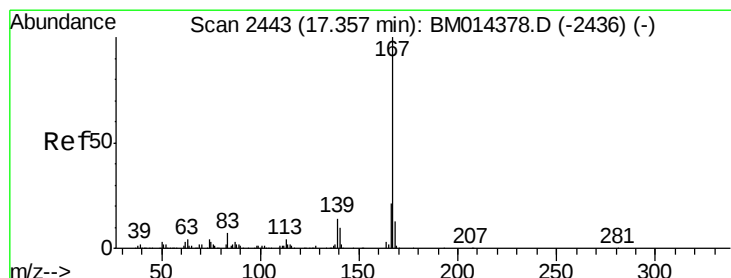
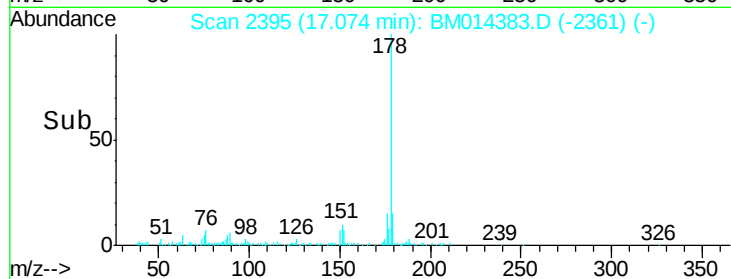
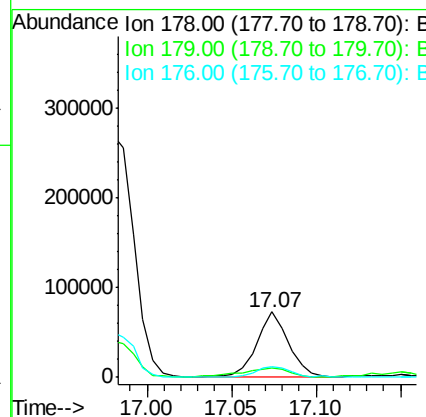
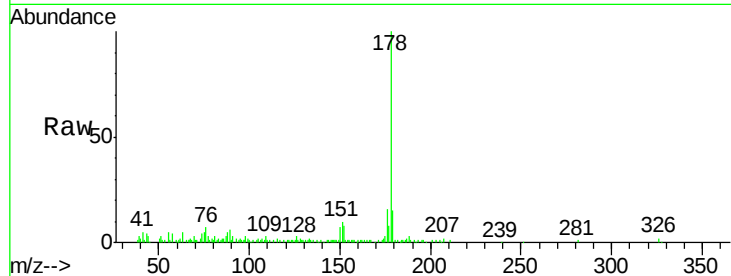
#71
 Anthracene
 Concen: 3.172 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BM014383.D
 Acq: 27 Feb 2018 15:25

Instrument :
 BNA_M
 ClientSampled :
 BE5Y5

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	15.8	14.6	21.8

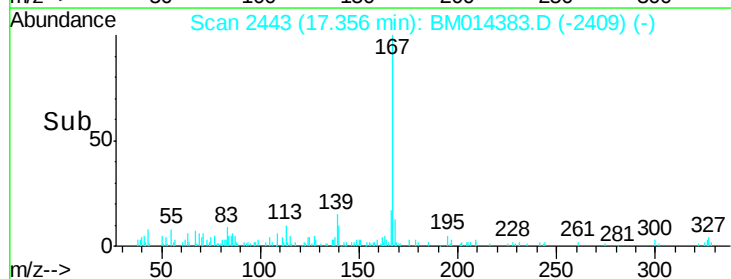
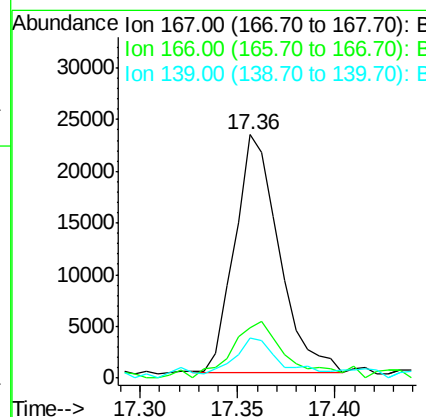
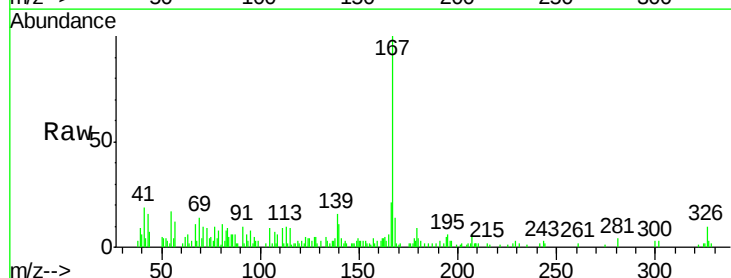
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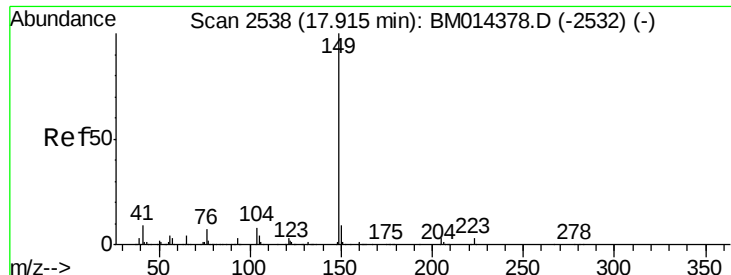
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#72
 Carbazole
 Concen: 1.428 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM014383.D
 Acq: 27 Feb 2018 15:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.1	25.7
139	16.3	10.0	15.0





#73

Di-n-butylphthalate

Concen: 2.136 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Instrument :

BNA_M

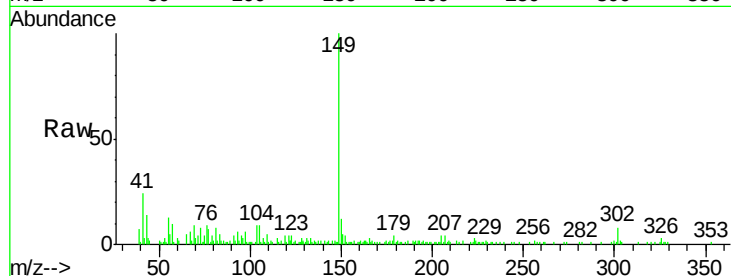
ClientSampleId :

BE5Y5

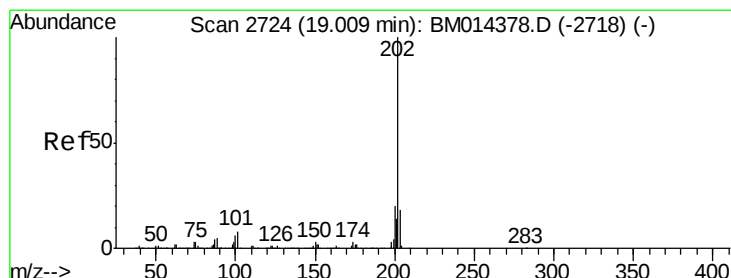
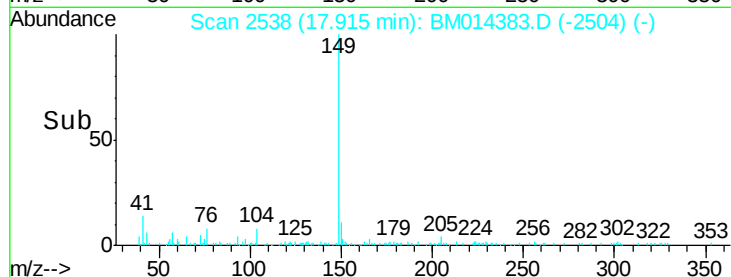
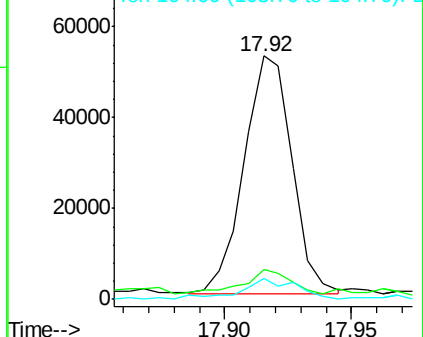
Tot Ion:	149	Resp:	69481
Ion Ratio	Lower	Upper	
149	100		
150	12.0	7.1	10.7#
104	8.6	5.6	8.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.962 ng/ul

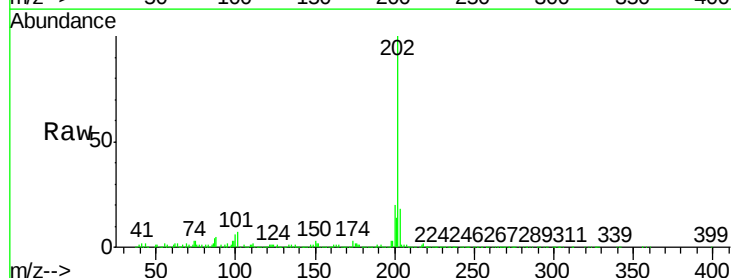
RT: 19.02 min Scan# 2725

Delta R.T. 0.01 min

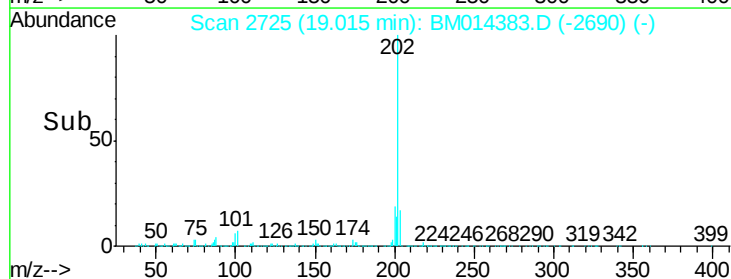
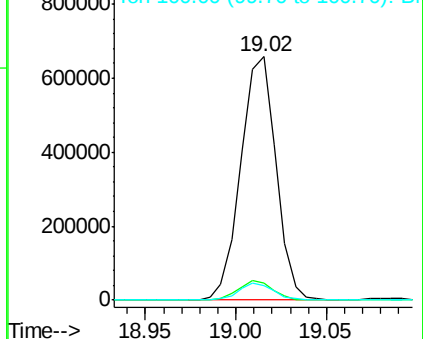
Lab File: BM014383.D

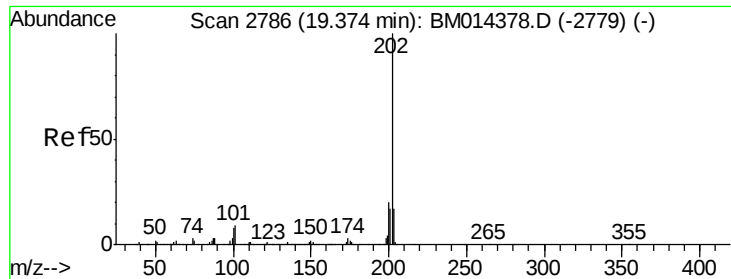
Acq: 27 Feb 2018 15:25

Tgt Ion:	202	Resp:	889275
Ion Ratio	Lower	Upper	
202	100		
101	7.2	4.6	7.0#
100	5.9	3.4	5.2#



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

Pvrene

Concen: 28.136 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Instrument :

BNA_M

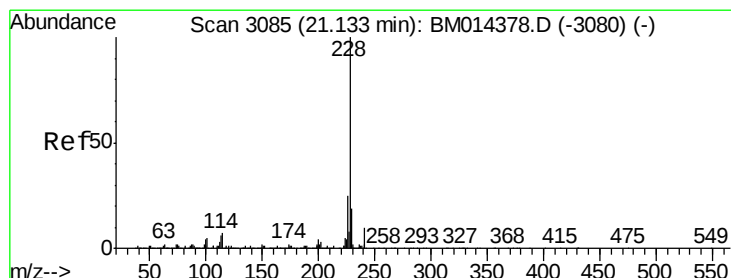
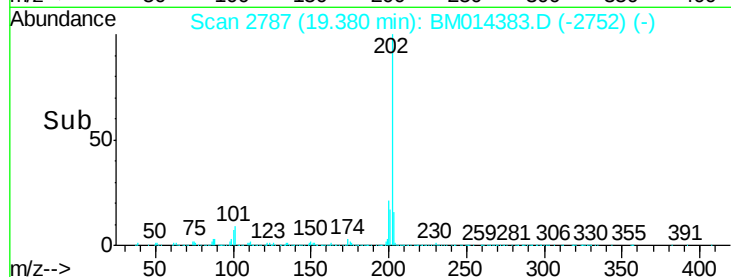
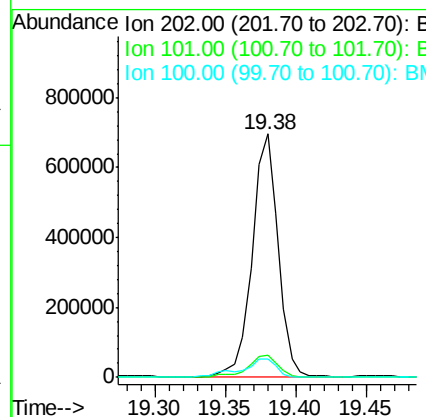
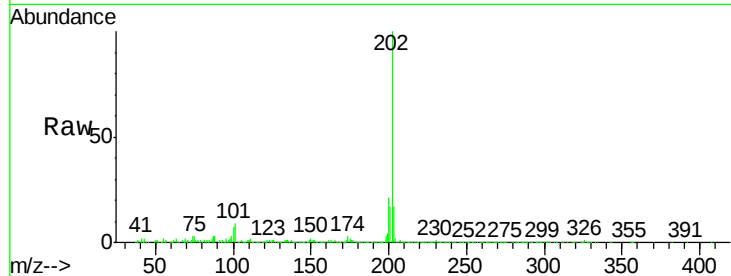
ClientSampleId :

BE5Y5

Tot Ion:	202	Resp:	894000
Ion Ratio	Lower	Upper	
202	100		
101	9.1	5.1	7.7#
100	7.5	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 16.466 ng/ul

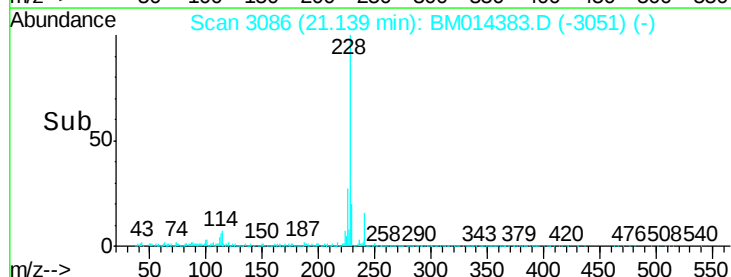
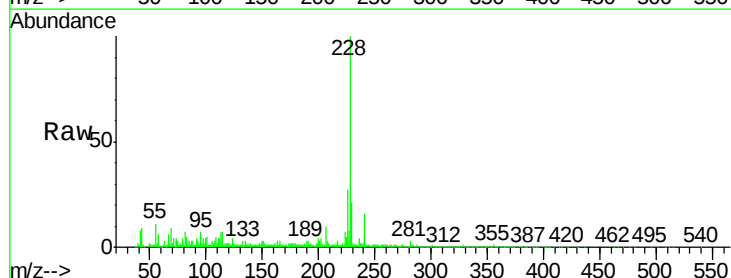
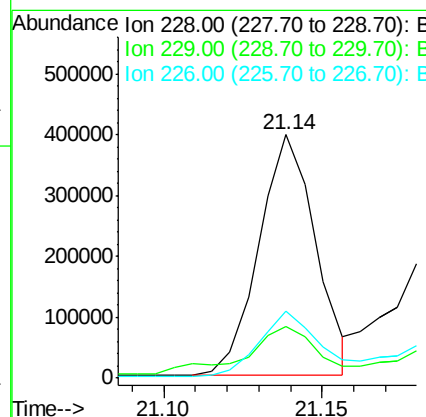
RT: 21.14 min Scan# 3086

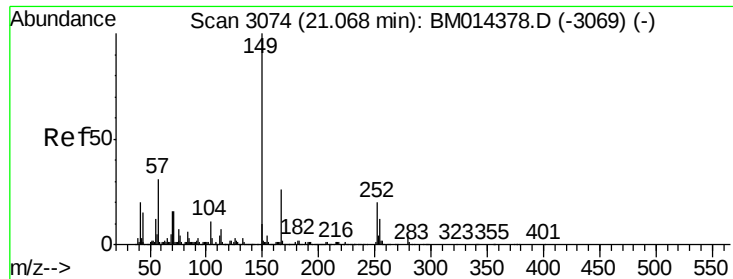
Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Tgt Ion:	228	Resp:	491339
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.4	23.0
226	27.4	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.547 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Instrument :

BNA_M

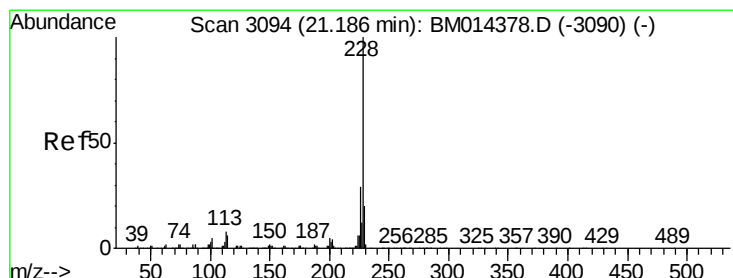
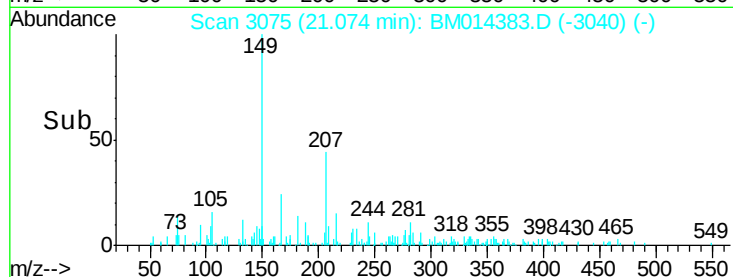
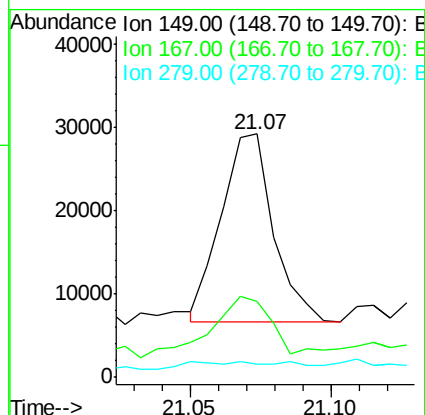
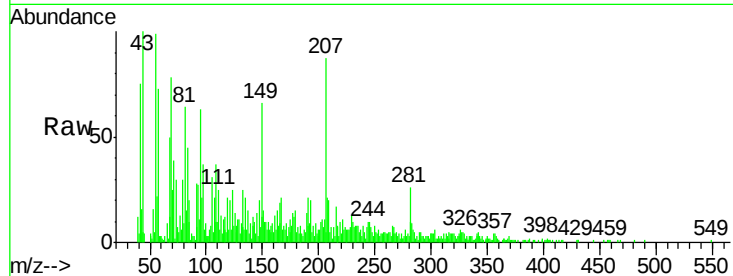
ClientSampleId :

BE5Y5

Tot Ion:	149	Resp:	29105
Ion Ratio	Lower	Upper	
149	100		
167	31.2	22.8	34.2
279	5.6	4.9	7.3

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2/28/2018 1:59:08 PM



#82

Chrysene

Concen: 18.716 ng/ul

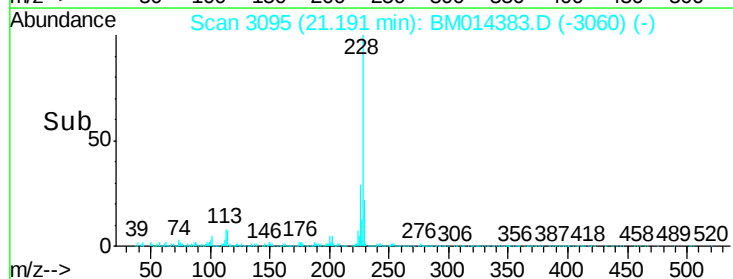
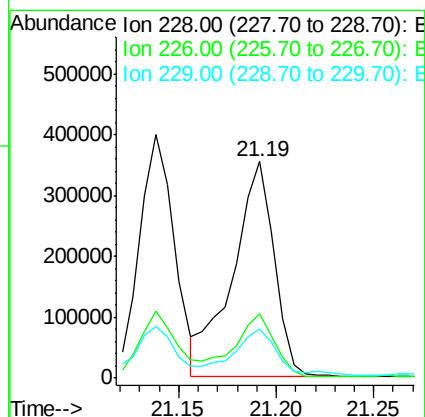
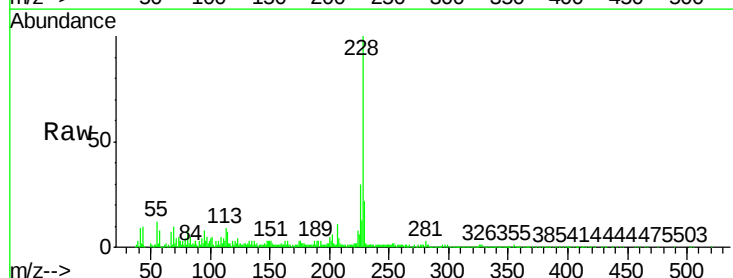
RT: 21.19 min Scan# 3095

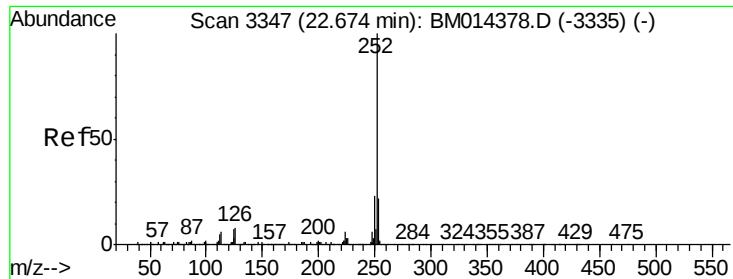
Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Tgt Ion:	228	Resp:	520988
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.2
229	22.5	15.5	23.3





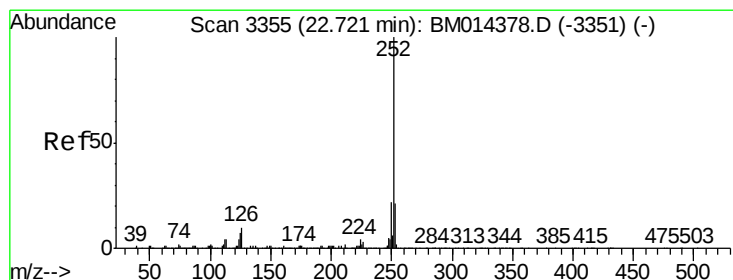
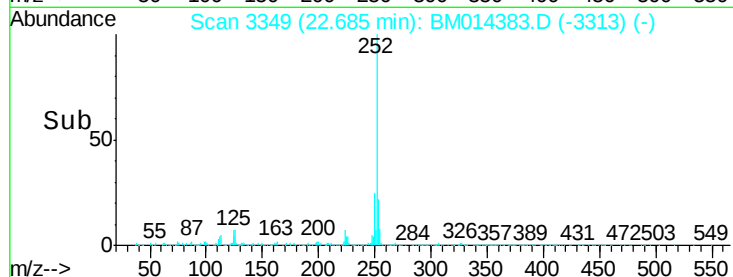
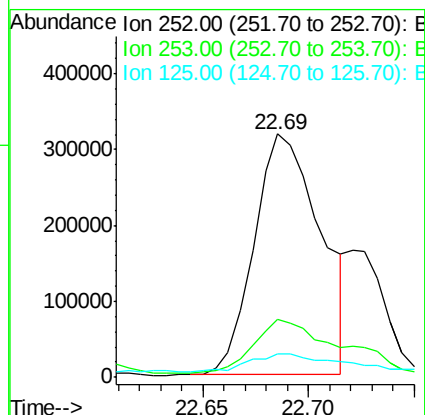
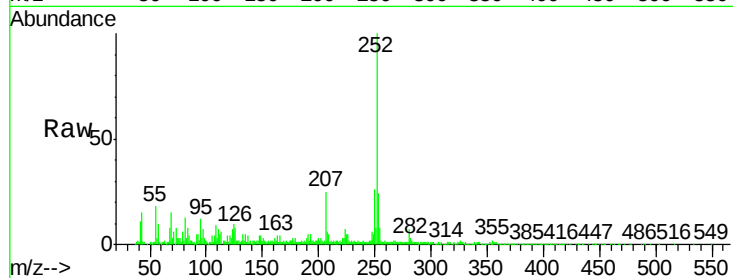
#85
Benzo(b)fluoranthene
Concen: 21.508 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014383.D
Acq: 27 Feb 2018 15:25

Instrument :
BNA_M
ClientSampled :
BE5Y5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	9.8	3.6	5.4

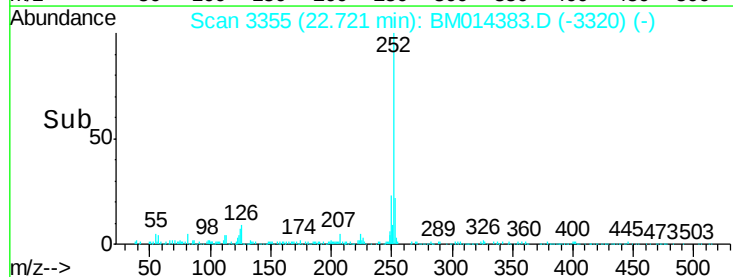
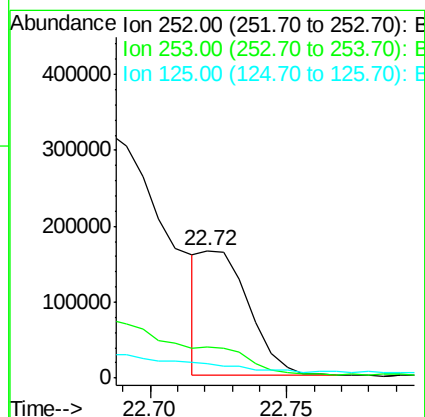
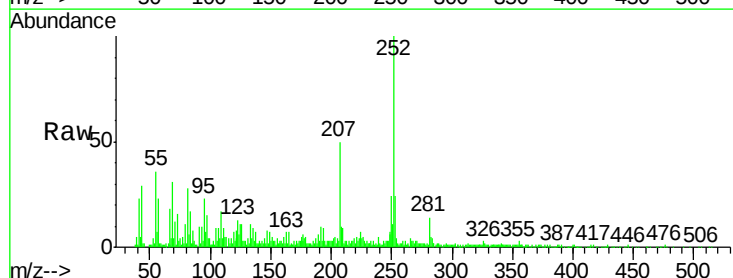
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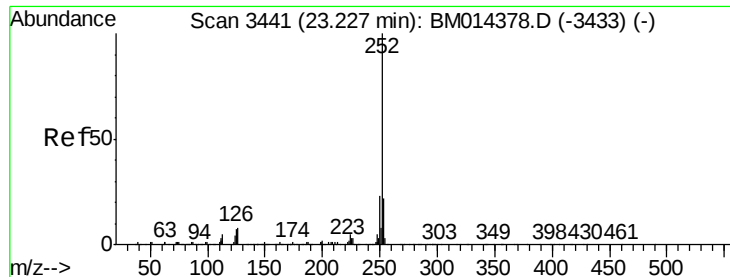
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#86
Benzo(k)fluoranthene
Concen: 6.512 ng/ul m
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM014383.D
Acq: 27 Feb 2018 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	11.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 16.590 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. 0.01 min

Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Instrument :

BNA_M

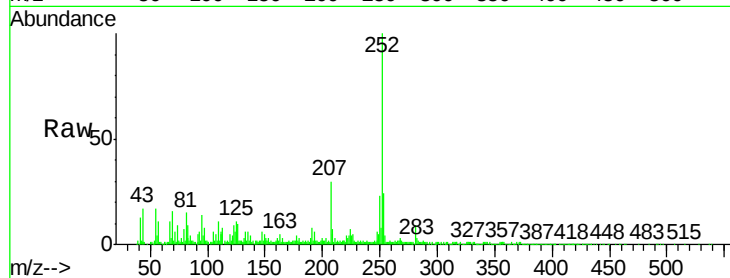
ClientSampleId :

BE5Y5

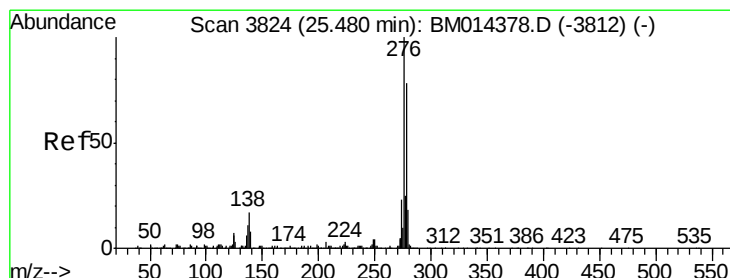
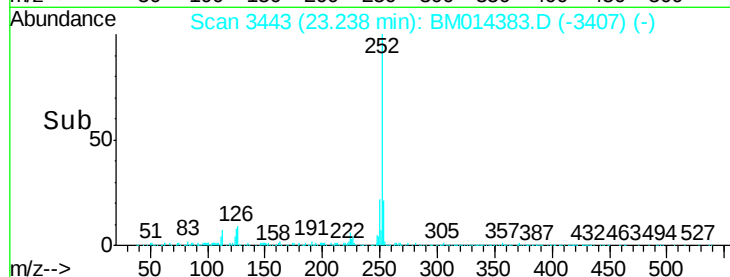
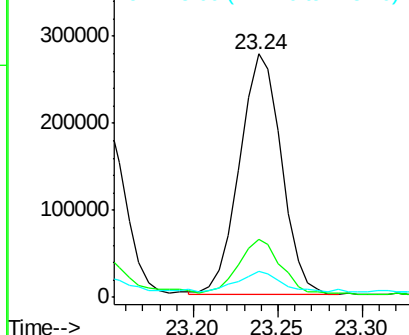
Tot Ion:	252	Resp:	478363
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	10.8	4.0	6.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 12.059 ng/ul

RT: 25.50 min Scan# 3828

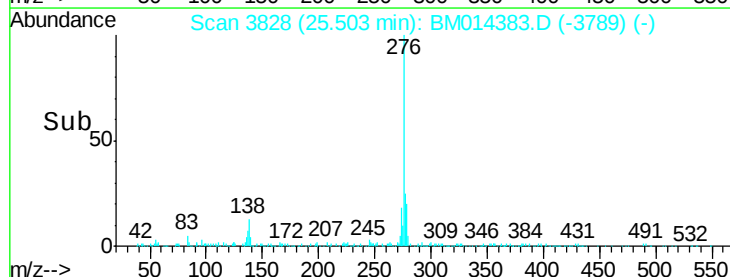
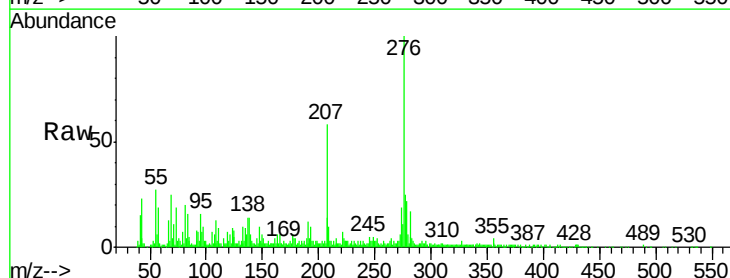
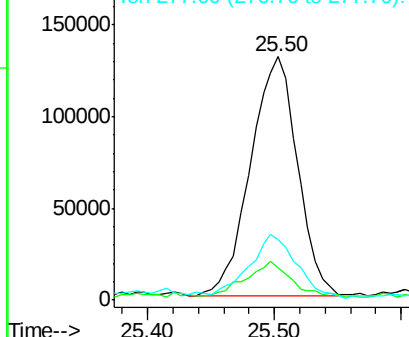
Delta R.T. 0.03 min

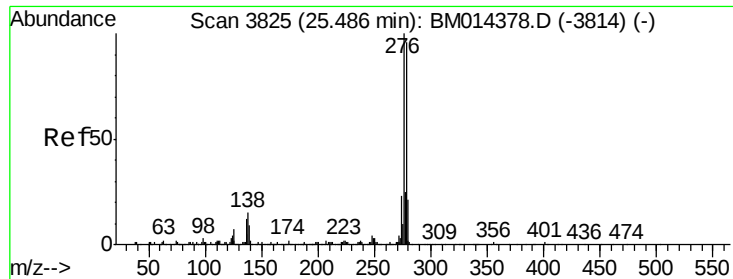
Lab File: BM014383.D

Acq: 27 Feb 2018 15:25

Tgt Ion:	276	Resp:	337408
Ion Ratio	Lower	Upper	
276	100		
138	13.6	9.3	13.9
277	24.9	19.9	29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





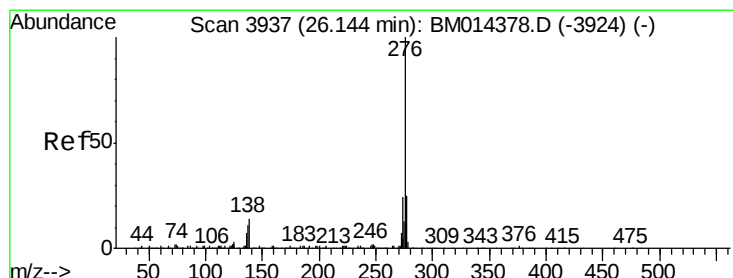
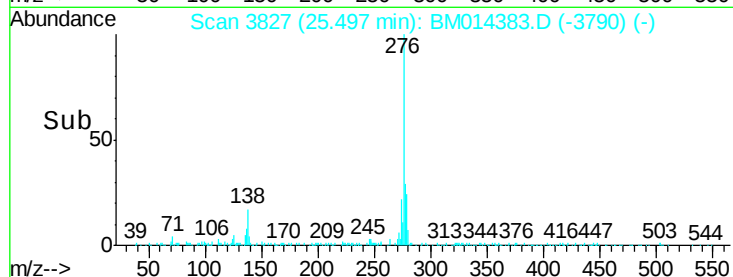
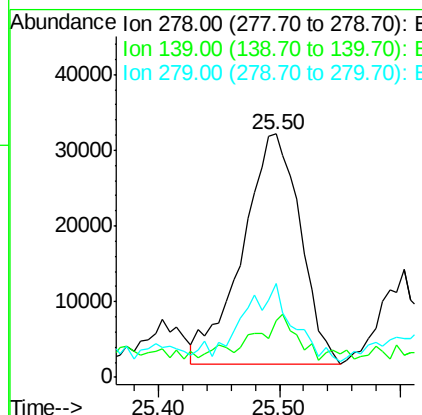
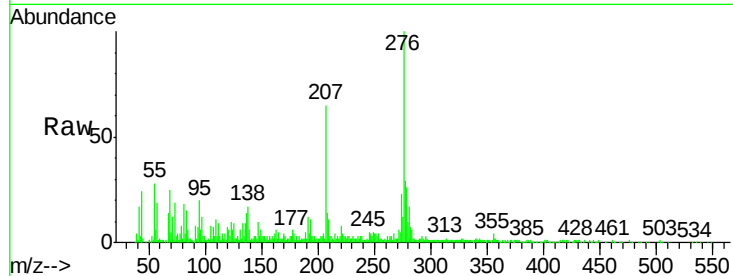
#90
Dibenzo(a,h)anthracene
Concen: 4.391 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014383.D
Acq: 27 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :
BE5Y5

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.3	5.8	8.8#
279	38.8	18.6	27.8#

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#91
Benzo(g,h,i)perylene
Concen: 11.478 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.04 min
Lab File: BM014383.D
Acq: 27 Feb 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	8.5	12.7#
277	27.2	18.6	28.0

