

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005566.D
 Acq On : 22 May 2016 00:36
 Operator : UM/SJ
 Sample : H2922-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5NG0

Manual Integrations
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Quant Time: May 23 11:52:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 05:33:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	79051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	323734	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	158840	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	254110	20.00	ng/ul	0.02
75) Chrysene-d12	21.42	240	207414	20.00	ng/ul	0.05
83) Perylene-d12	23.74	264	306613	20.00	ng/ul	0.10

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1117	0.62	ng/uL	0.00
5) Phenol-d5	6.98	99	28030	4.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	31024	8.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	19695	3.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	10585	1.99	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	22193	8.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	8645	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	15674	3.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	43231	8.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	145166	11.20	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	190702	11.76	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.45	176	117993	10.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.30	188	116055	9.59	ng/ul	0.01
76) Pyrene-d10	19.62	212	144997	15.44	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.59	264	106218	7.42	ng/ul	0.09

Target Compounds

						Qvalue
14) Acetophenone	8.63	105	9833	1.23	ng/ul#	85
28) Naphthalene	10.66	128	36937	2.27	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	79883	6.71	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	80101	6.01	ng/ul	97
44) Dimethylphthalate	13.90	163	36045	2.81	ng/ul#	84
49) Acenaphthene	14.52	153	51185	4.71	ng/ul	90
58) Fluorene	15.50	166	69928m	5.63	ng/ul	
69) Phenanthrene	17.25	178	746699	52.58	ng/ul#	90
74) Fluoranthene	19.29	202	399771	25.01	ng/ul#	91
77) Pyrene	19.66	202	375093	31.46	ng/ul#	90
82) Chrysene	21.44	228	175738	15.15	ng/ul#	46

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

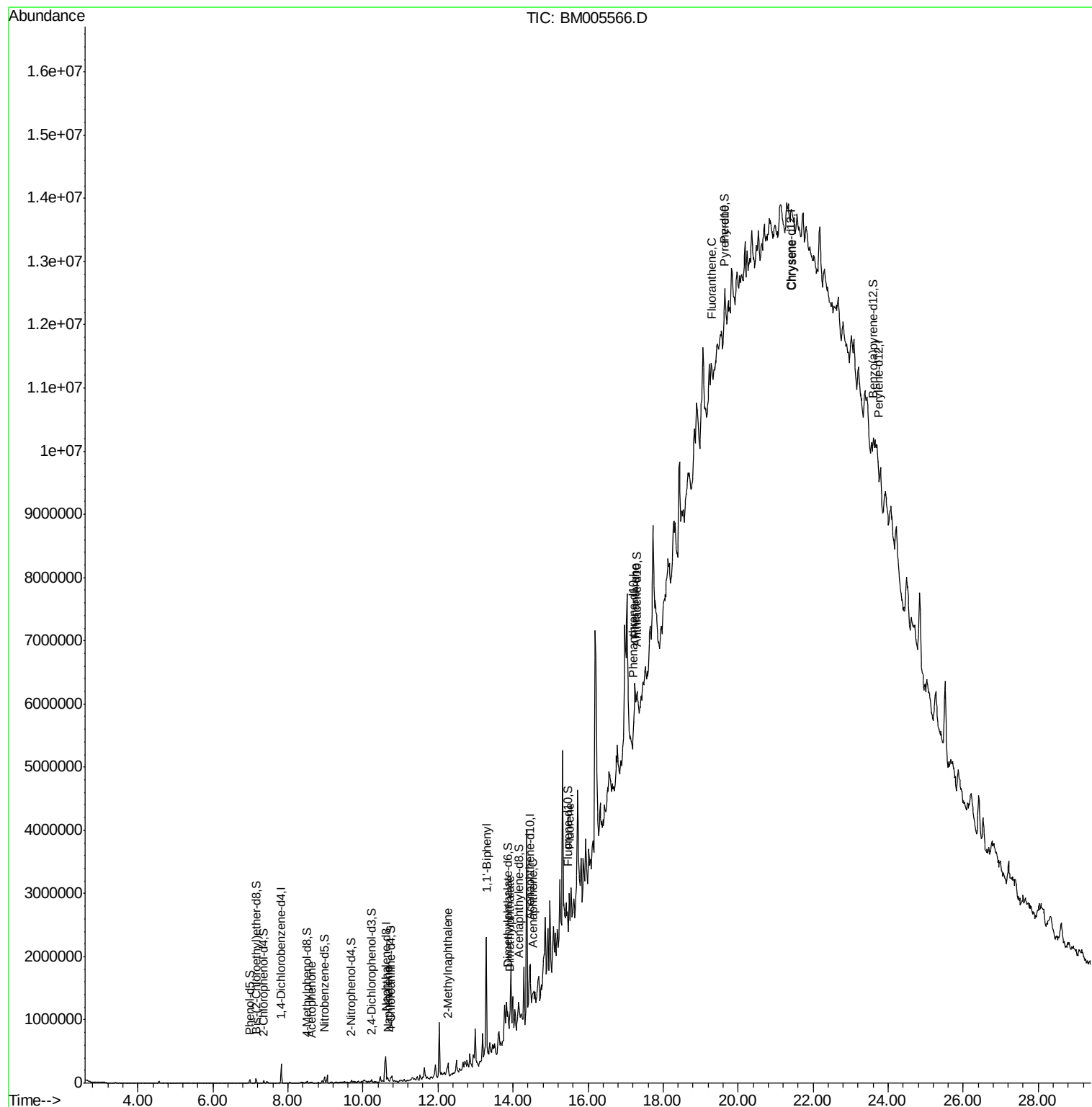
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005566.D
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ALS Vial : 16 Sample Multiplier: 1

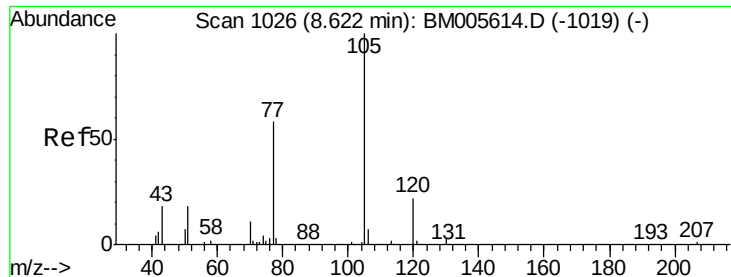
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.23 ng/ul

RT: 8.63 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BM005566.D

Acq: 22 May 2016 00:36

Instrument :

BNA_M

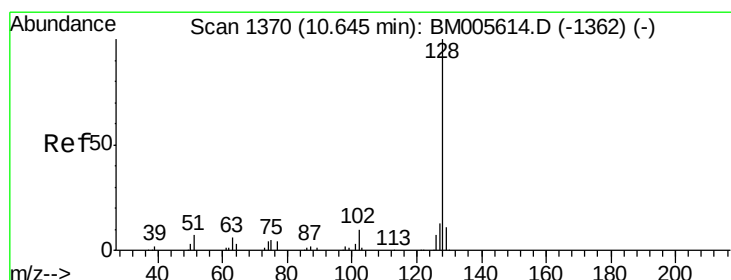
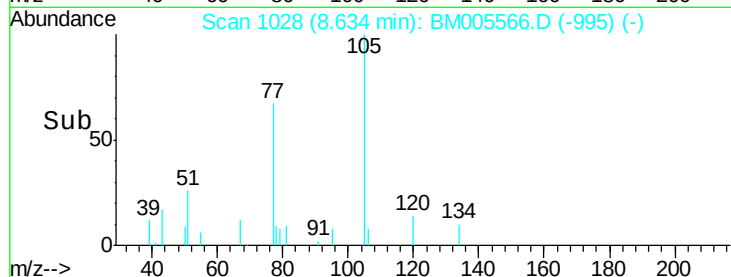
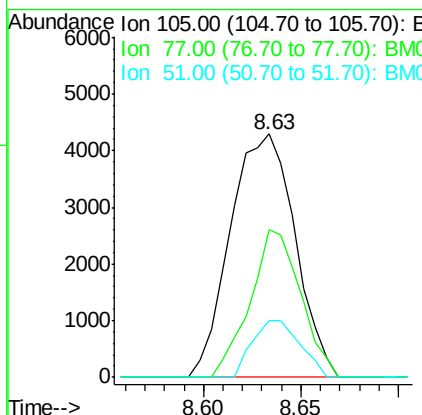
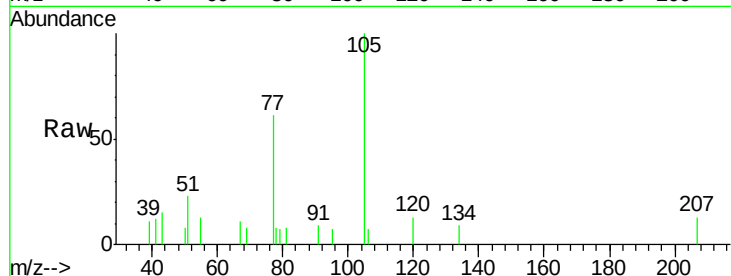
ClientSampled :

E5NG0

Tgt Ion:	105	Resp:	9833
Ion Ratio	Lower	Upper	
105	100		
77	60.5	60.8	91.2#
51	23.2	22.2	33.2

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#28

Naphthalene

Concen: 2.27 ng/ul

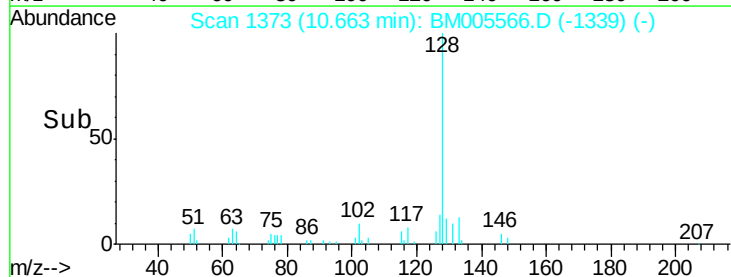
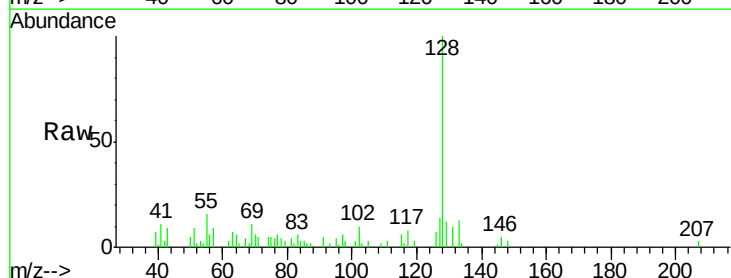
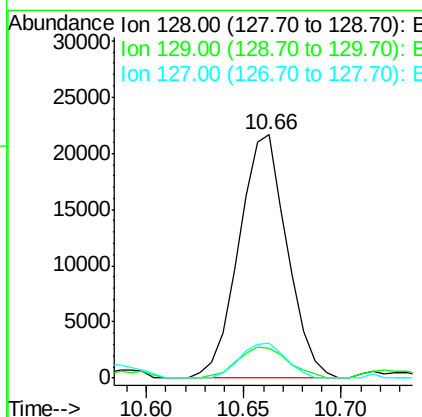
RT: 10.66 min Scan# 1373

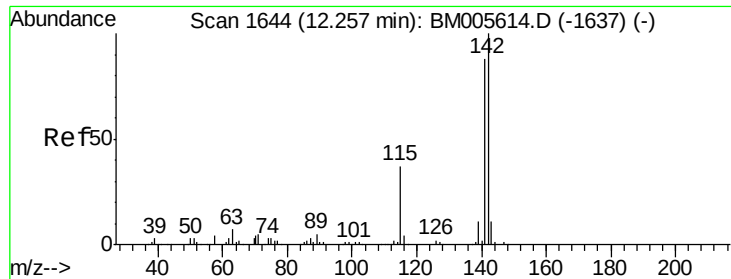
Delta R.T. 0.00 min

Lab File: BM005566.D

Acq: 22 May 2016 00:36

Tgt Ion:	128	Resp:	36937
Ion Ratio	Lower	Upper	
128	100		
129	12.3	8.6	13.0
127	14.3	10.6	15.8





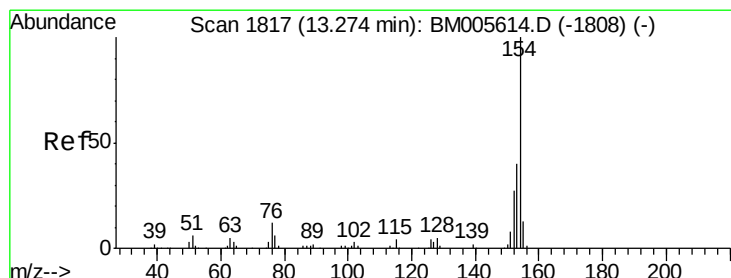
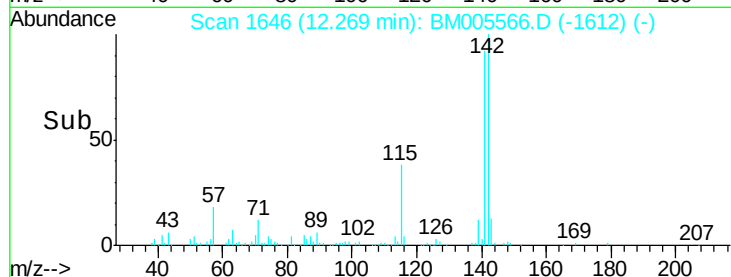
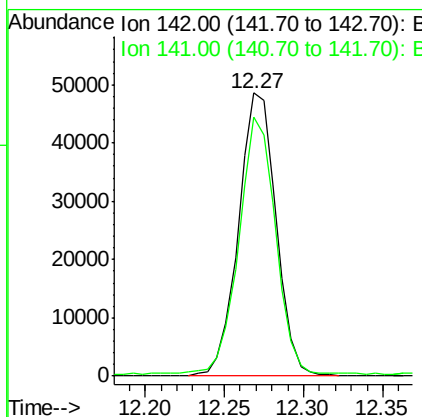
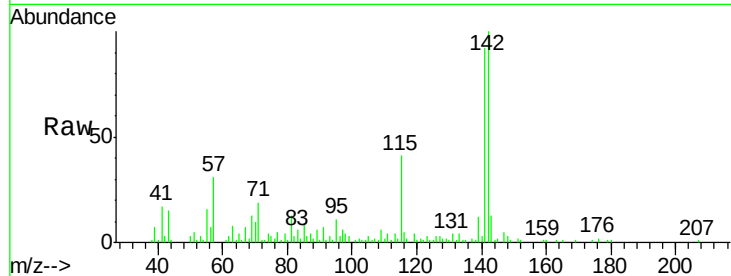
#34
 2-Methylnaphthalene
 Concen: 6.71 ng/ul
 RT: 12.27 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BM005566.D
 Acq: 22 May 2016 00:36

Instrument :
 BNA_M
 ClientSampleId :
 E5NG0

Tgt Ion:142 Resp: 79883
 Ion Ratio Lower Upper
 142 100
 141 91.5 70.6 106.0

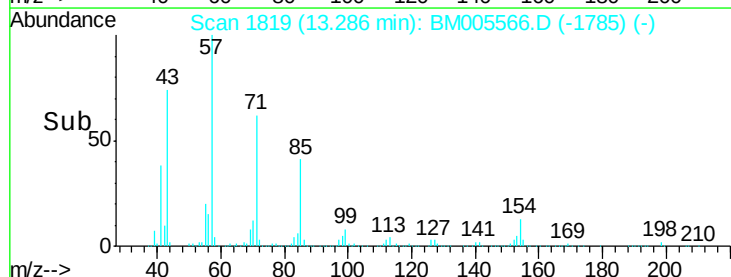
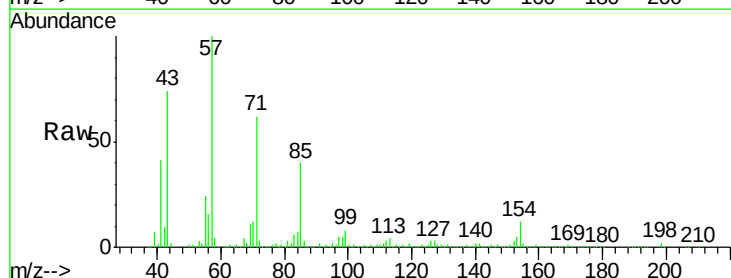
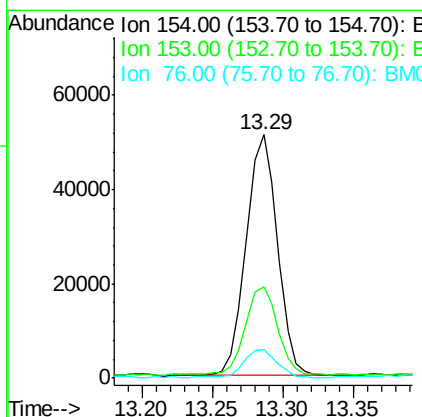
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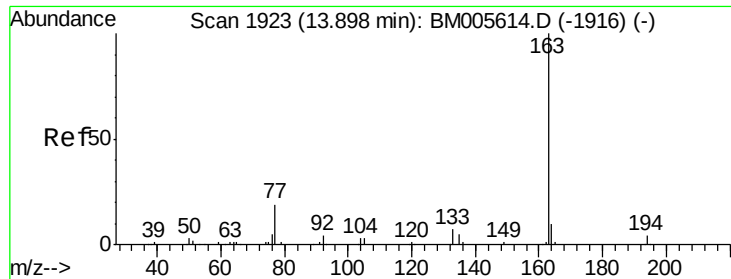
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#40
 1,1'-Biphenyl
 Concen: 6.01 ng/ul
 RT: 13.29 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BM005566.D
 Acq: 22 May 2016 00:36

Tgt Ion:154 Resp: 80101
 Ion Ratio Lower Upper
 154 100
 153 37.7 31.7 47.5
 76 11.8 10.1 15.1





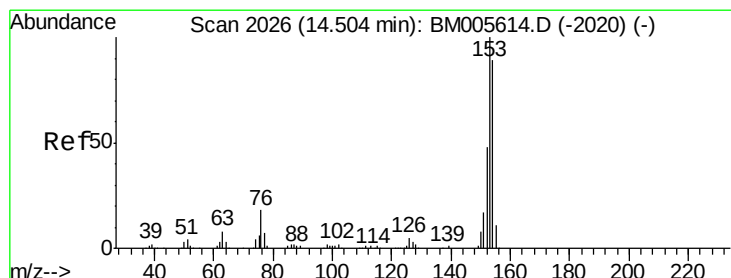
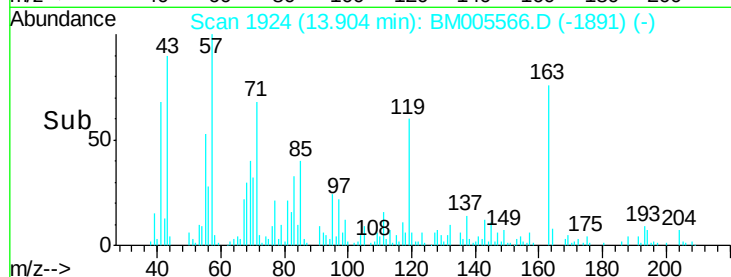
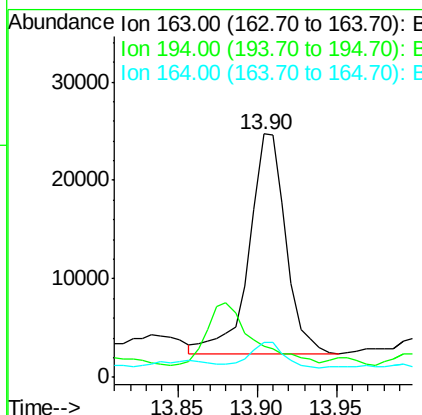
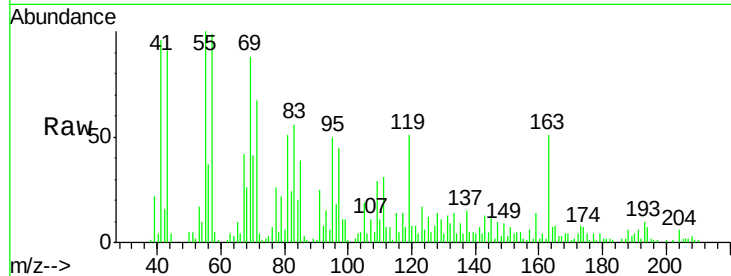
#44
Dimethylphthalate
Concen: 2.81 ng/ul
RT: 13.90 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM005566.D
Acq: 22 May 2016 00:36

Instrument :
BNA_M
ClientSampleId :
E5NG0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	36045		
194	13.0	3.4	5.0#	
164	14.3	8.0	12.0#	

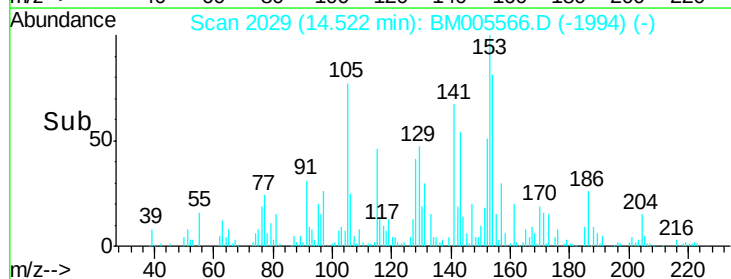
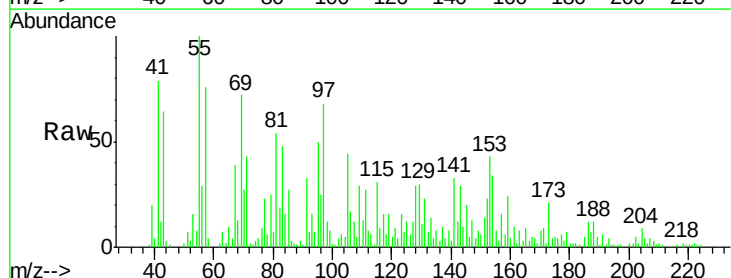
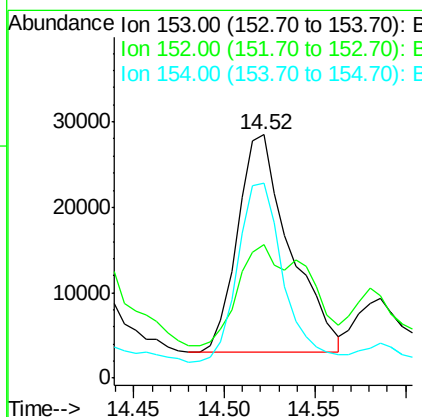
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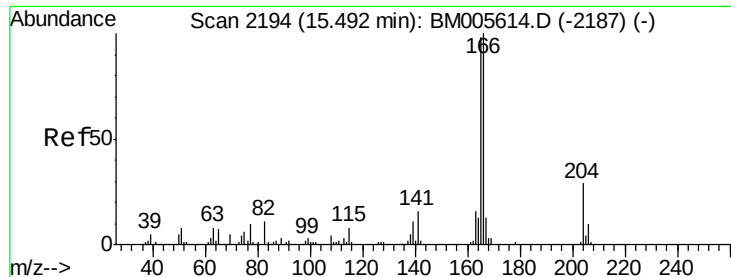
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#49
Acenaphthene
Concen: 4.71 ng/ul
RT: 14.52 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BM005566.D
Acq: 22 May 2016 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	51185		
152	54.9	37.8	56.6	
154	80.0	71.1	106.7	





#58

Fluorene

Concen: 5.63 ng/ul m

RT: 15.50 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BM005566.D

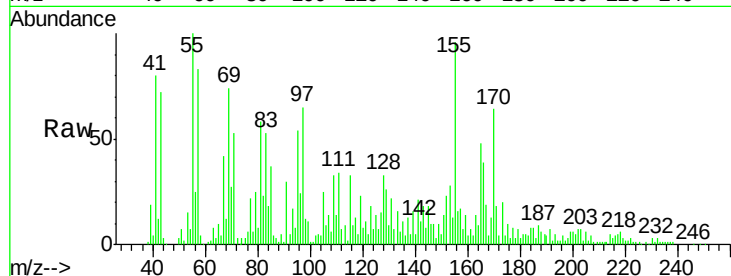
Acq: 22 May 2016 00:36

Instrument :

BNA_M

ClientSampleId :

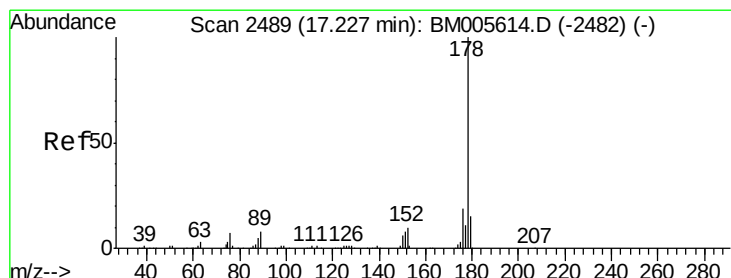
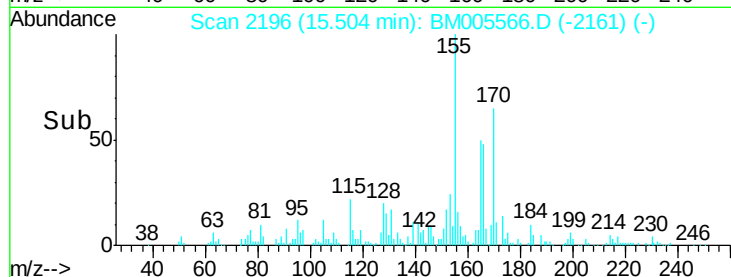
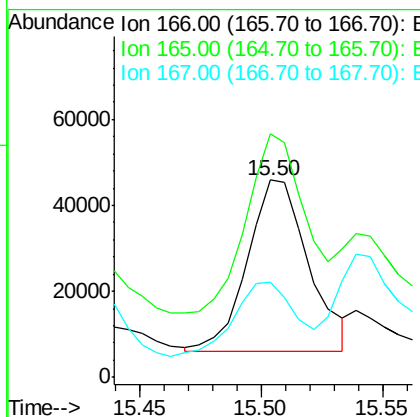
E5NG0



Tgt Ion:	166	Resp:	69928
Ion Ratio	Lower	Upper	
166	100		
165	123.6	78.0	117.0#
167	48.5	10.5	15.7#

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#69

Phenanthrene

Concen: 52.58 ng/ul

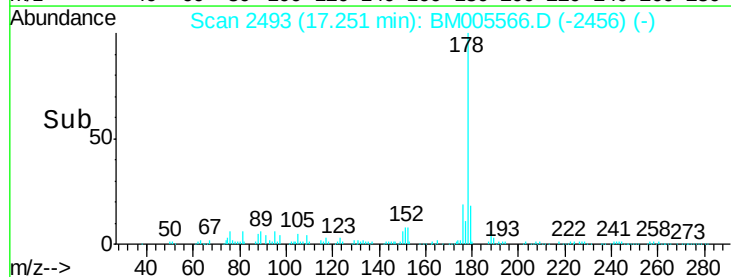
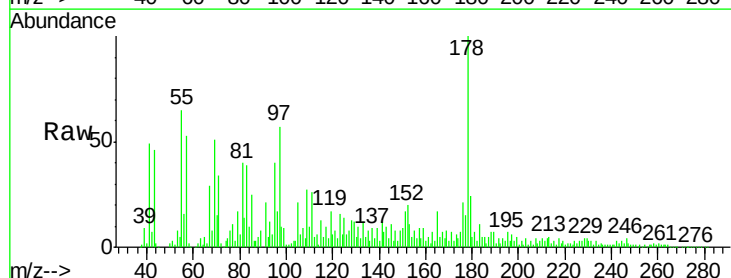
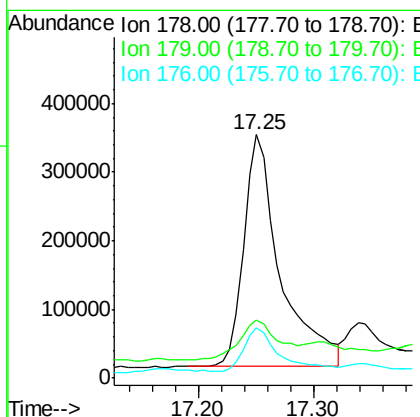
RT: 17.25 min Scan# 2493

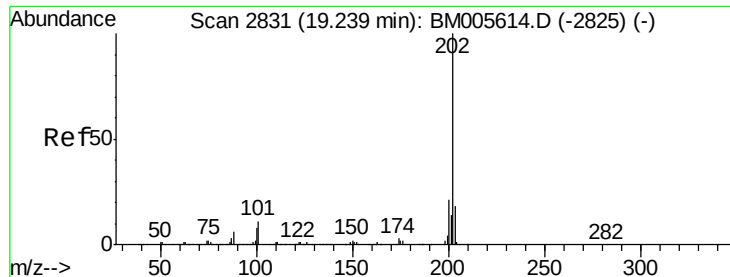
Delta R.T. 0.02 min

Lab File: BM005566.D

Acq: 22 May 2016 00:36

Tgt Ion:	178	Resp:	746699
Ion Ratio	Lower	Upper	
178	100		
179	23.7	12.2	18.2#
176	20.7	15.8	23.6





#74

Fluoranthene

Concen: 25.01 ng/ul

RT: 19.29 min Scan# 2839

Delta R.T. 0.04 min

Lab File: BM005566.D

Acq: 22 May 2016 00:36

Instrument :

BNA_M

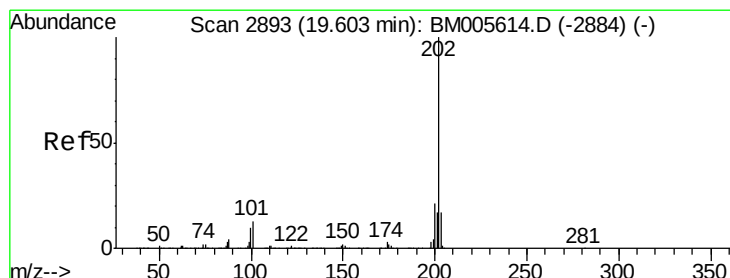
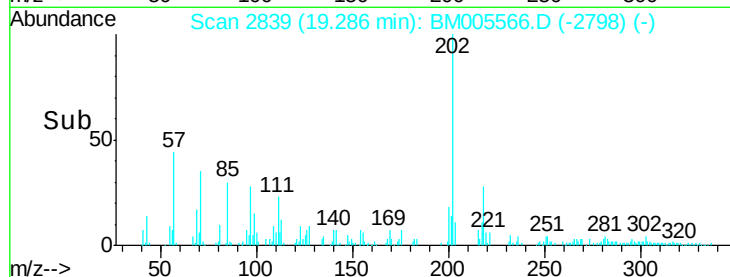
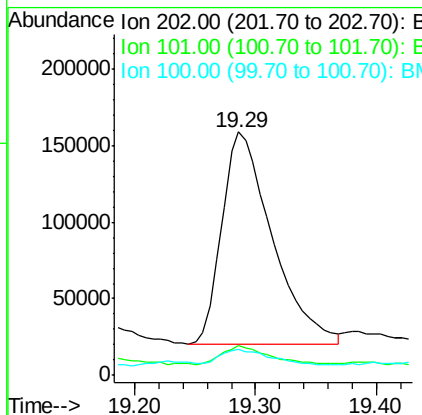
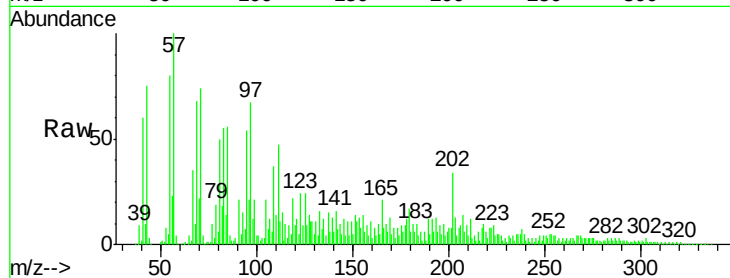
ClientSampleId :

E5NG0

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		399771		
101	12.4	7.9	11.9#		
100	10.9	5.6	8.4#		

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#77

Pyrene

Concen: 31.46 ng/ul

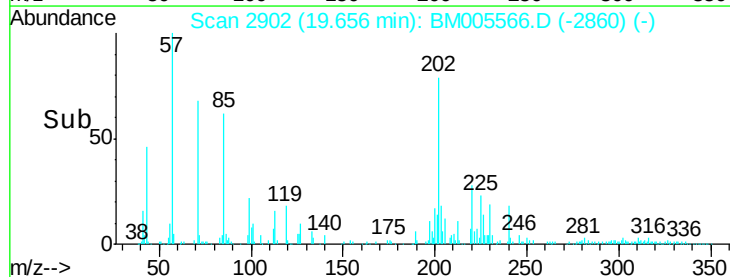
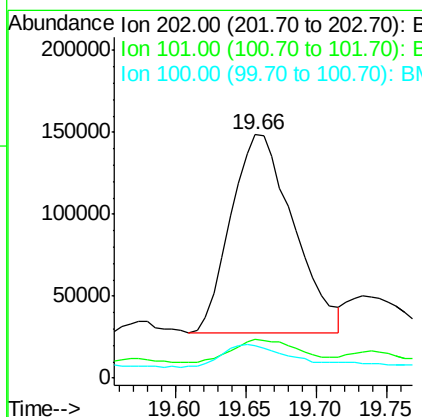
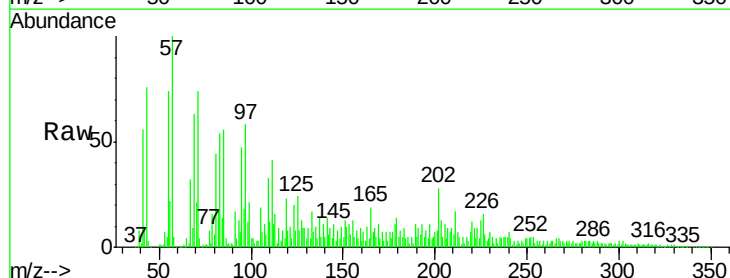
RT: 19.66 min Scan# 2902

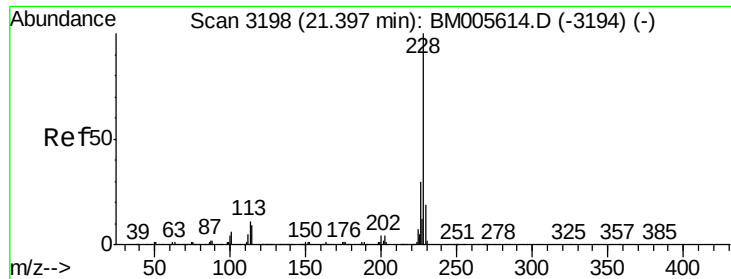
Delta R.T. 0.05 min

Lab File: BM005566.D

Acq: 22 May 2016 00:36

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		375093		
101	15.8	9.6	14.4#		
100	13.3	7.8	11.6#		





#82
 Chrysene
 Concen: 15.15 ng/ul
 RT: 21.44 min Scan# 3206
 Delta R.T. 0.04 min
 Lab File: BM005566.D
 Acq: 22 May 2016 00:36

Instrument :
 BNA_M
 ClientSampleId :
 E5NG0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.9	23.7	35.5#
229	60.8	15.5	23.3#

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