

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005567.D
 Acq On : 22 May 2016 01:12
 Operator : UM/SJ
 Sample : H2922-02MS 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5NG0MS

Manual Integrations
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Quant Time: May 23 11:58:54 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	76198	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	312783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	154765	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	263903	20.00	ng/ul	0.02
75) Chrysene-d12	21.41	240	233320	20.00	ng/ul	0.04
83) Perylene-d12	23.71	264	309193	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	892	0.51	ng/uL	0.00
5) Phenol-d5	6.99	99	16490	2.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	16584	4.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	12835	2.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	5539	1.08	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	12101	5.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	5056	1.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	12022	2.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	29989	6.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	96091	7.61	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	128547	8.14	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.45	176	86451	7.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.30	188	101717	8.09	ng/ul	0.01
76) Pyrene-d10	19.62	212	111088	10.51	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.57	264	90772	6.29	ng/ul	0.07

Target Compounds

						Qvalue
6) Phenol	7.01	94	15756	2.45	ng/ul	96
10) 2-Chlorophenol	7.39	128	11530	2.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	20178	4.96	ng/ul	95
28) Naphthalene	10.66	128	26295	1.67	ng/ul#	96
33) 4-Chloro-3-methylphenol	11.89	107	14743	2.75	ng/ul	95
34) 2-Methylnaphthalene	12.27	142	57642	5.01	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	65361	5.03	ng/ul	96
44) Dimethylphthalate	13.91	163	21547	1.73	ng/ul#	81
49) Acenaphthene	14.52	153	119487	11.29	ng/ul	97
58) Fluorene	15.50	166	51114m	4.23	ng/ul	
69) Phenanthrene	17.25	178	620279	42.06	ng/ul#	92
74) Fluoranthene	19.27	202	342858	20.65	ng/ul#	93
77) Pyrene	19.65	202	453707	33.83	ng/ul	96
82) Chrysene	21.44	228	143434	10.99	ng/ul#	49

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

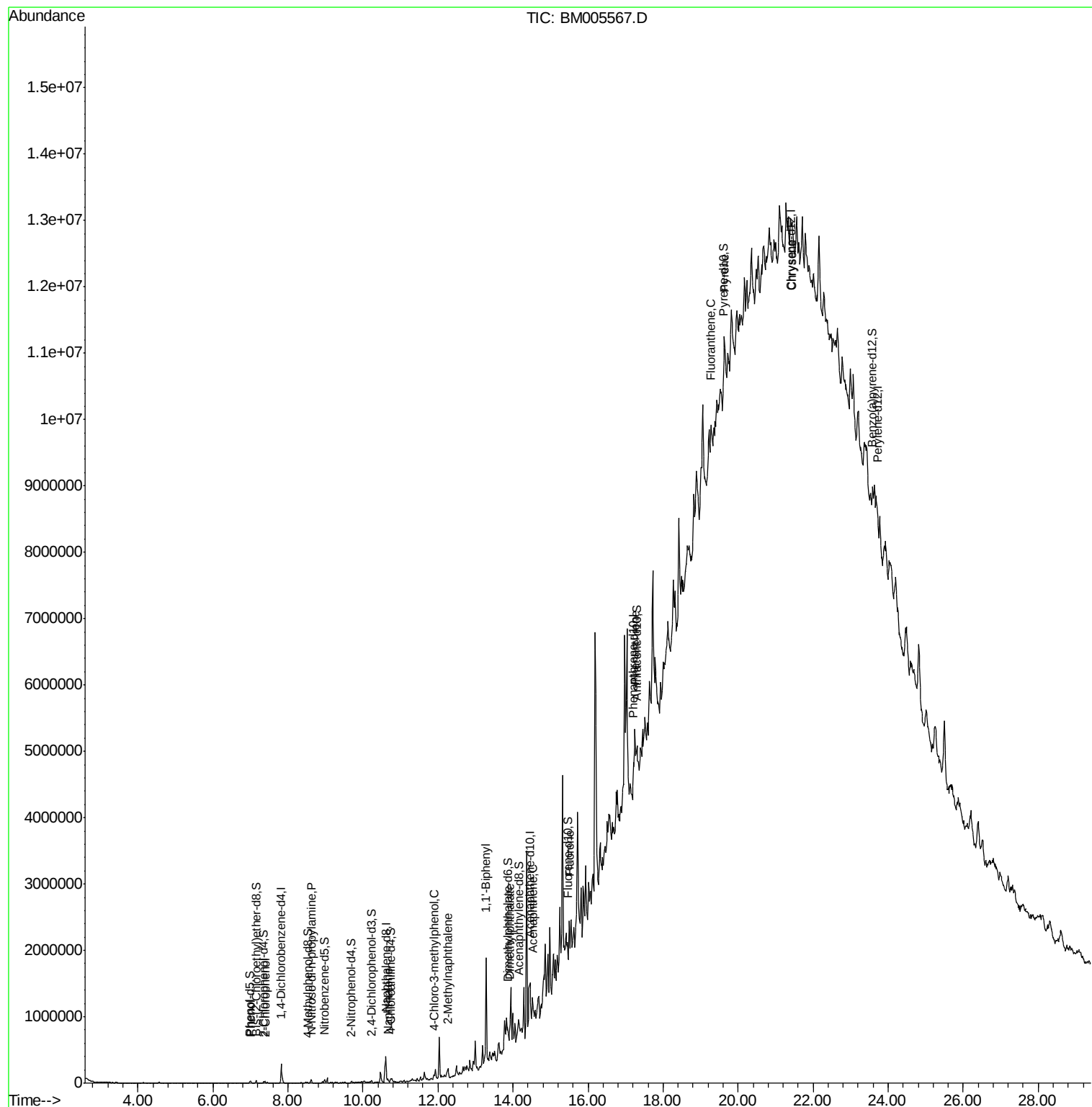
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005567.D
Acq On : 22 May 2016 01:12
Operator : UM/SJ
Sample : H2922-02MS 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

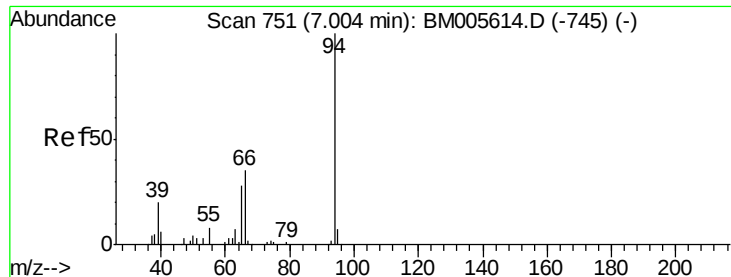
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.45 ng/ul

RT: 7.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: BM005567.D

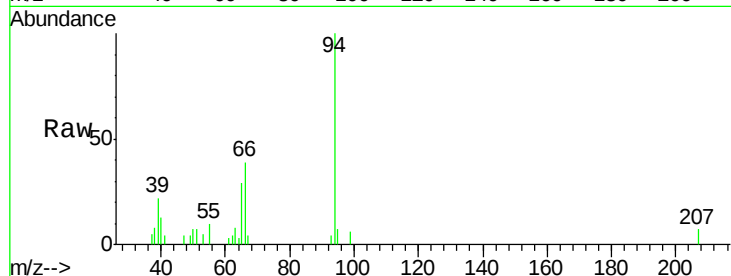
Acq: 22 May 2016 01:12

Instrument :

BNA_M

ClientSampleId :

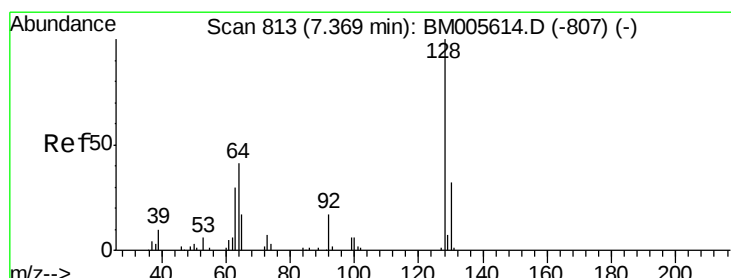
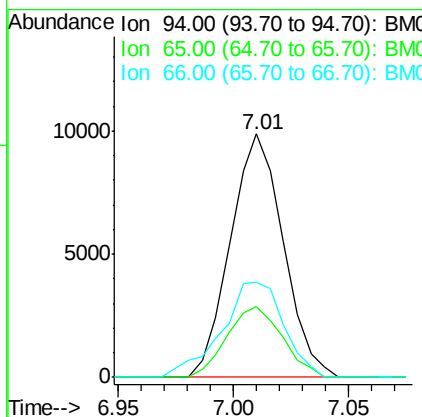
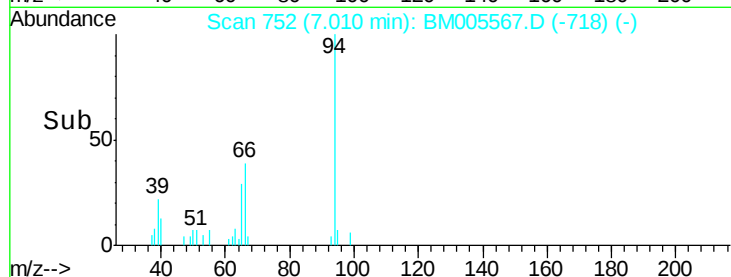
E5NG0MS



Tgt Ion:	94	Resp:	15756
Ion	Ratio	Lower	Upper
94	100		
65	29.1	24.2	36.2
66	38.8	33.9	50.9

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#10

2-Chlorophenol

Concen: 2.21 ng/ul

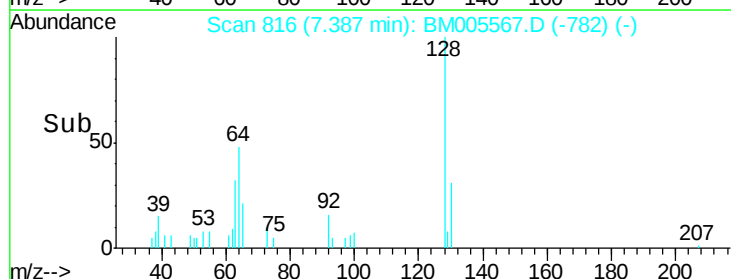
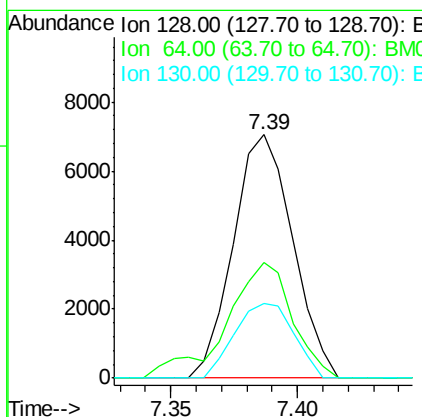
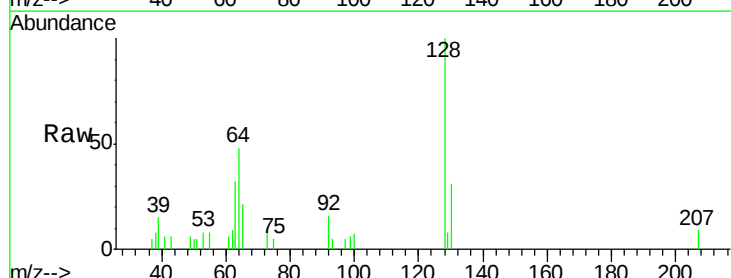
RT: 7.39 min Scan# 816

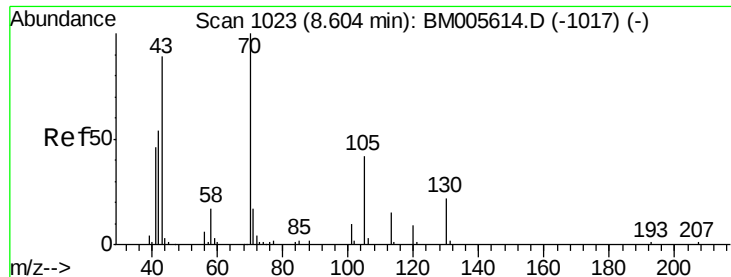
Delta R.T. -0.00 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Tgt Ion:	128	Resp:	11530
Ion	Ratio	Lower	Upper
128	100		
64	47.6	37.3	55.9
130	30.8	26.6	40.0





#15

N-Nitroso-di-n-propylamine

Concen: 4.96 ng/ul

RT: 8.62 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BM005567.D

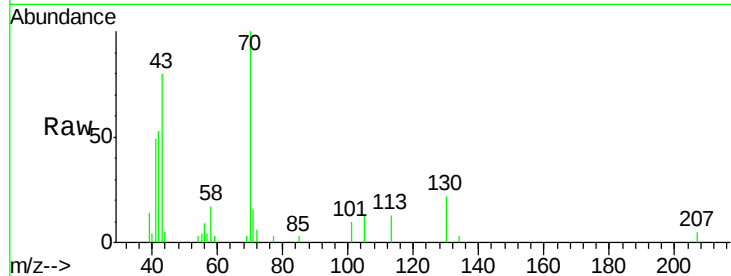
Acq: 22 May 2016 01:12

Instrument :

BNA_M

ClientSampleId :

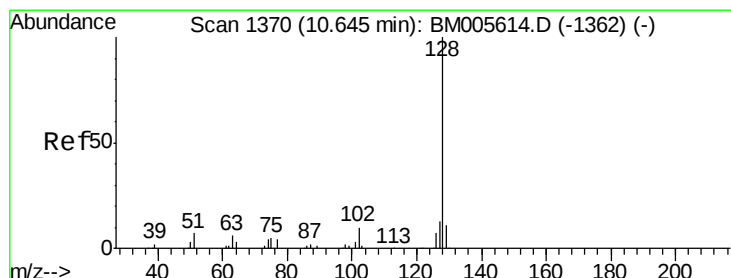
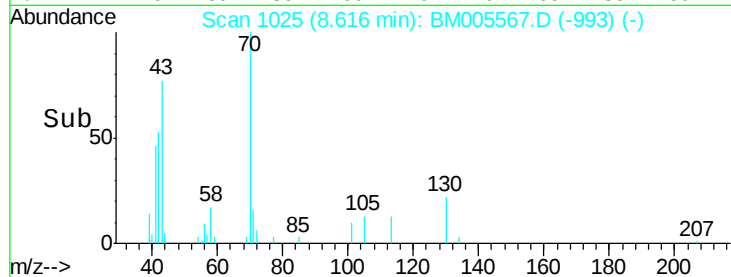
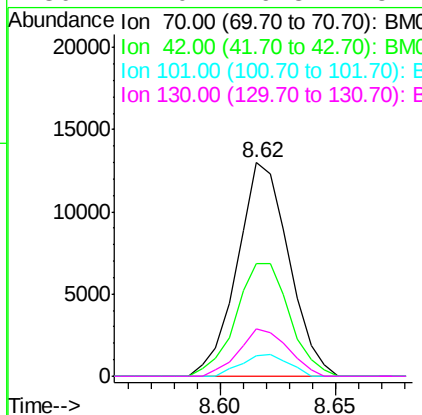
E5NG0MS



Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.6	46.1	69.1
101	9.7	8.0	12.0
130	22.0	16.8	25.2

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#28

Naphthalene

Concen: 1.67 ng/ul

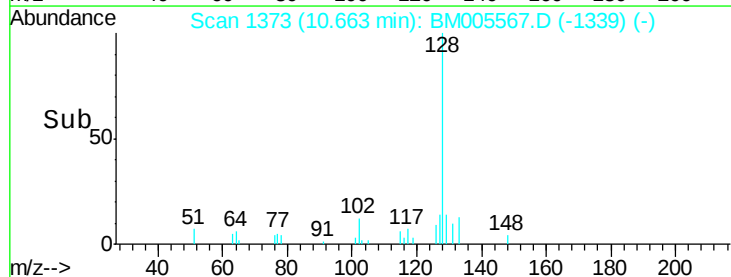
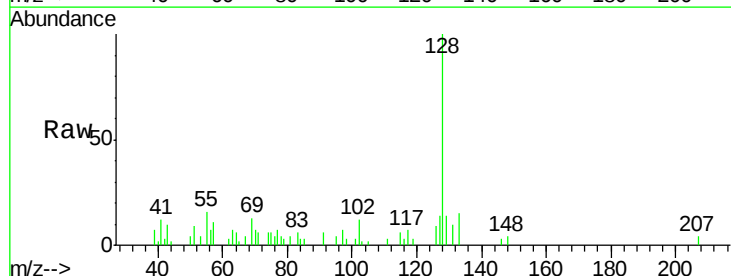
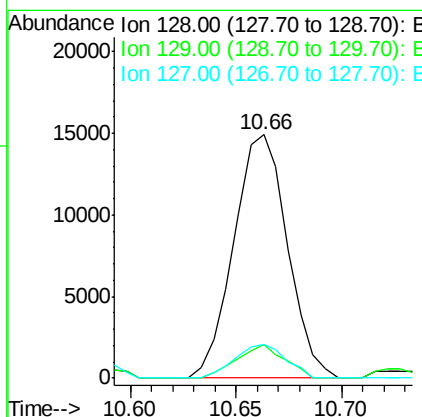
RT: 10.66 min Scan# 1373

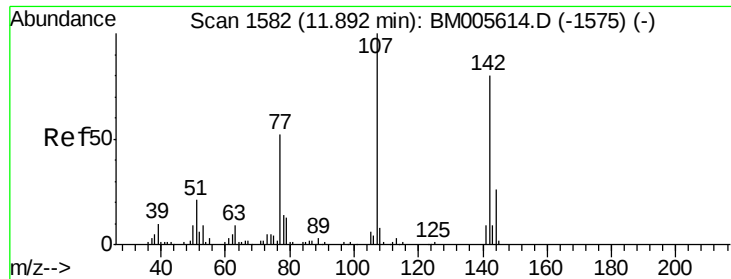
Delta R.T. -0.00 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.6	13.0#
127	13.7	10.6	15.8





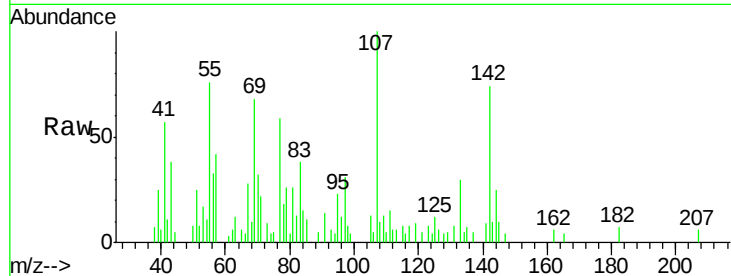
#33
4-Chloro-3-methylphenol
Concen: 2.75 ng/ul
RT: 11.89 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM005567.D
Acq: 22 May 2016 01:12

Instrument :
BNA_M
ClientSampleId :
E5NG0MS

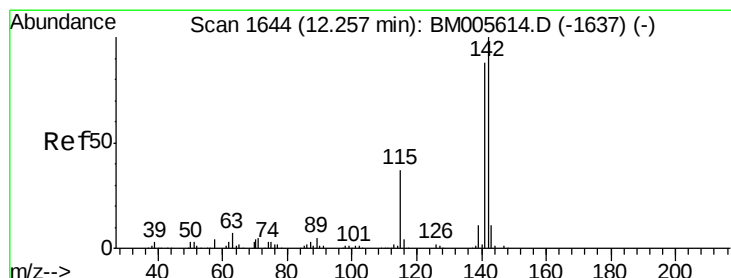
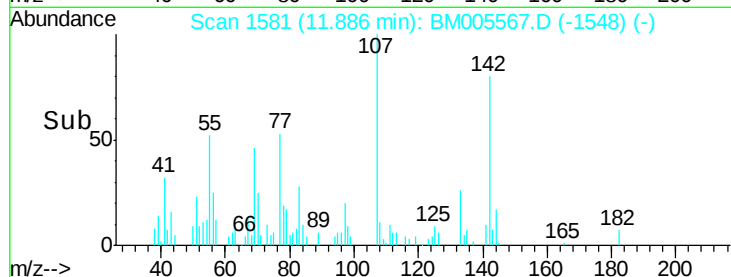
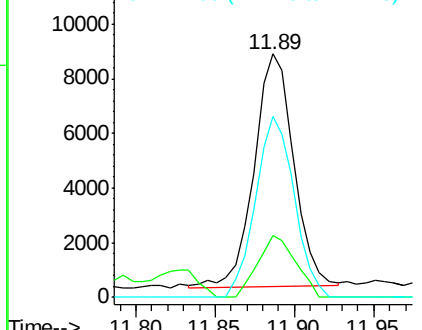
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	31.0
142	74.2	63.5	95.3

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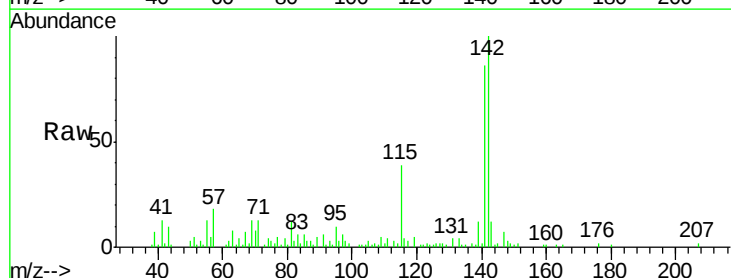


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

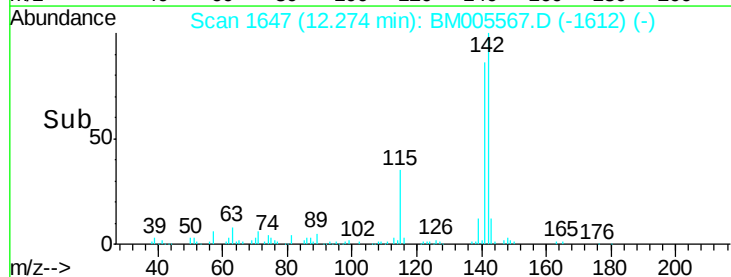
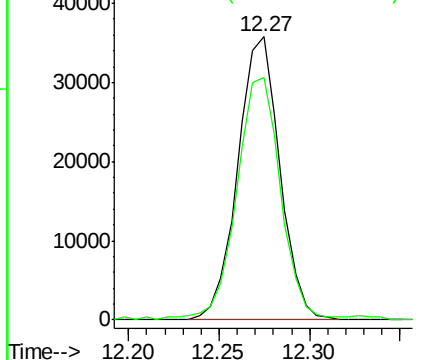


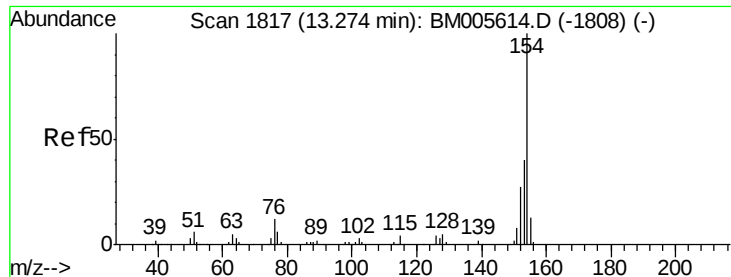
#34
2-Methylnaphthalene
Concen: 5.01 ng/ul
RT: 12.27 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BM005567.D
Acq: 22 May 2016 01:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.6	106.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 5.03 ng/ul

RT: 13.29 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM005567.D

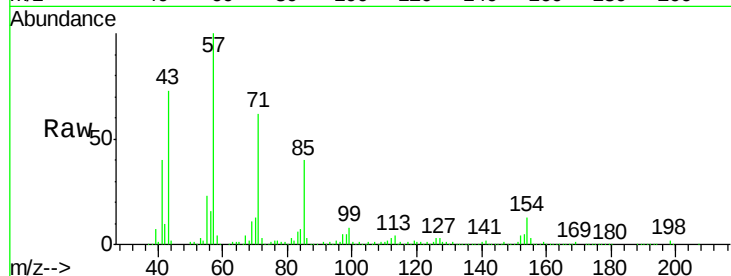
Acq: 22 May 2016 01:12

Instrument :

BNA_M

ClientSampleId :

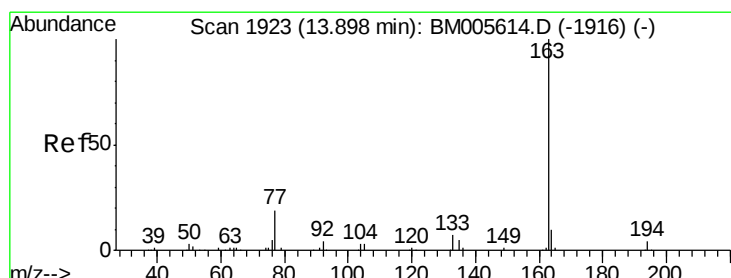
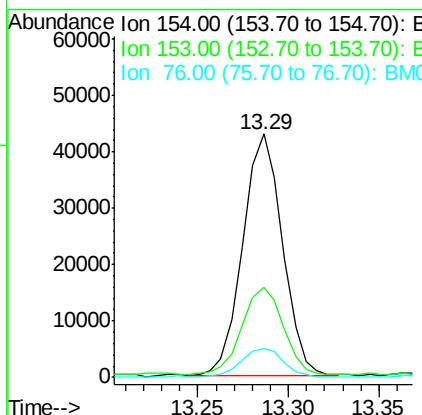
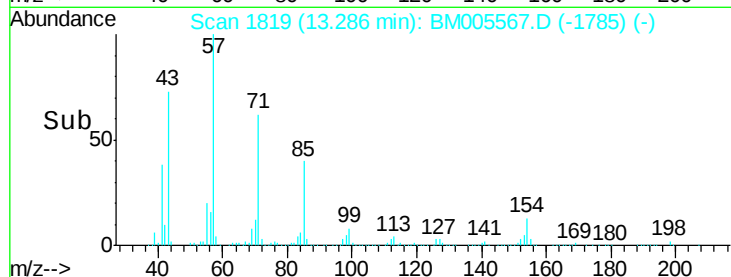
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.0	31.7	47.5
76	11.9	10.1	15.1

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#44

Dimethylphthalate

Concen: 1.73 ng/ul

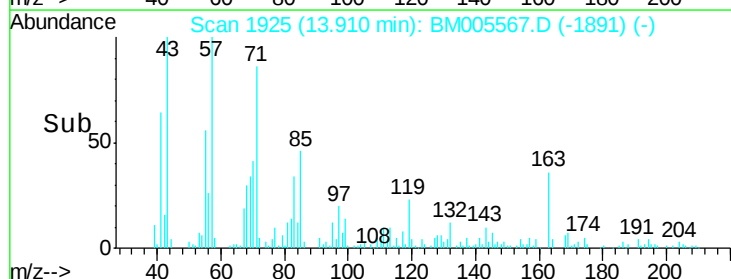
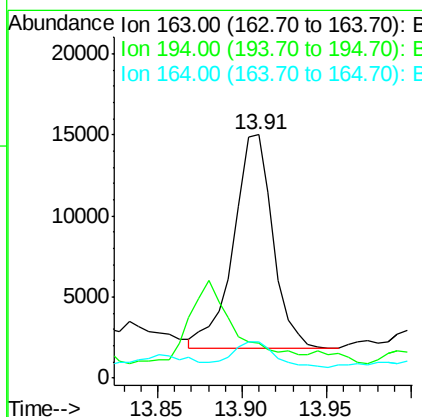
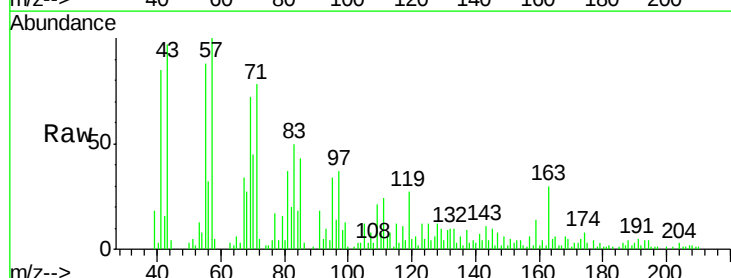
RT: 13.91 min Scan# 1925

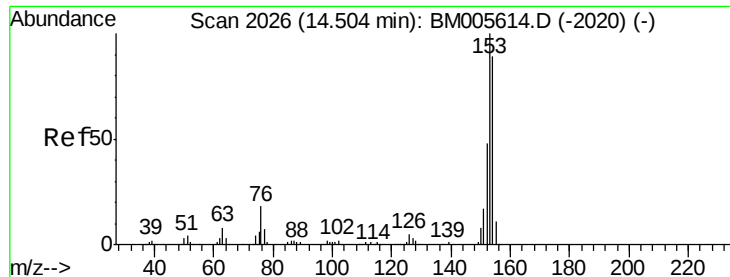
Delta R.T. -0.00 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	14.5	3.4	5.0#
164	15.1	8.0	12.0#





#49

Acenaphthene

Concen: 11.29 ng/ul

RT: 14.52 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Instrument :

BNA_M

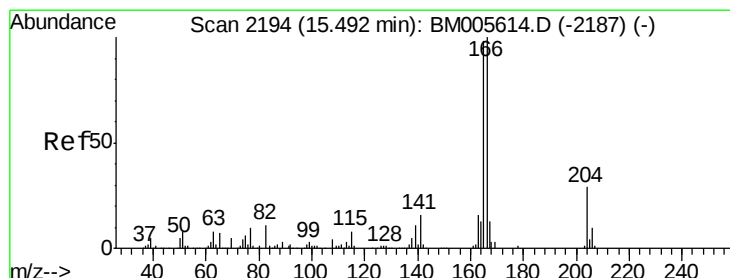
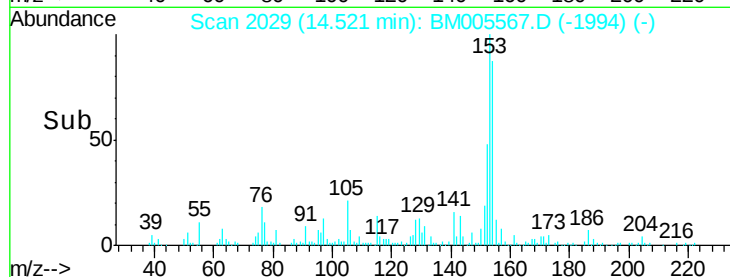
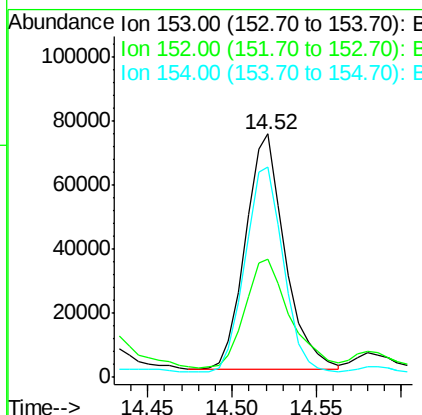
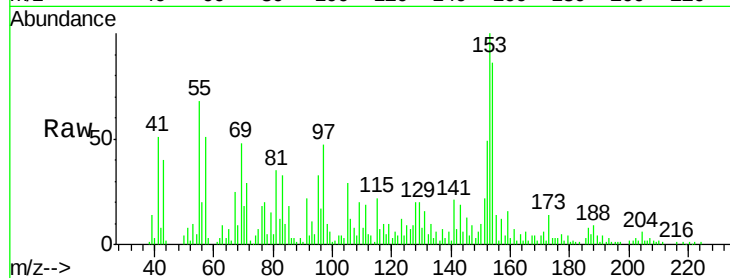
ClientSampleId :

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Tgt Ion:	153	Resp:	119487
Ion Ratio		Lower	Upper
153	100		
152	48.7	37.8	56.6
154	86.3	71.1	106.7

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#58

Fluorene

Concen: 4.23 ng/ul m

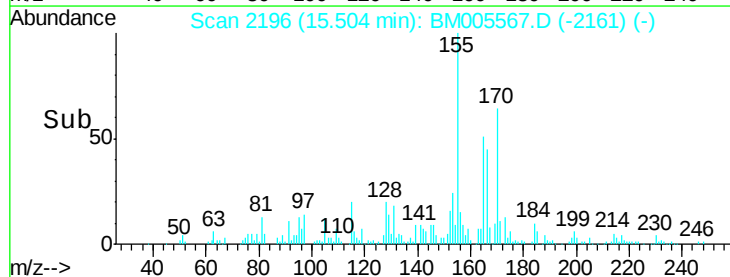
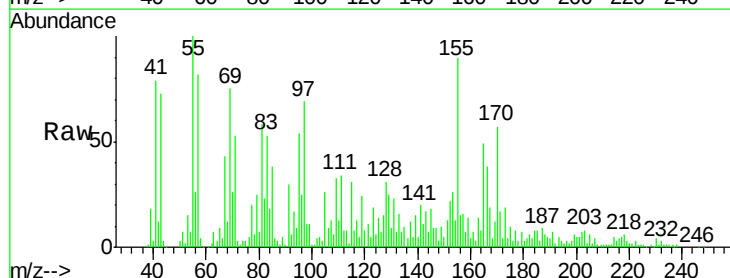
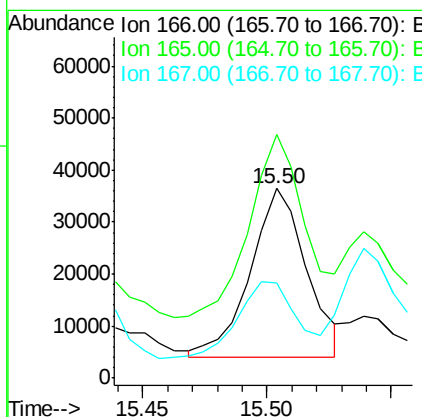
RT: 15.50 min Scan# 2196

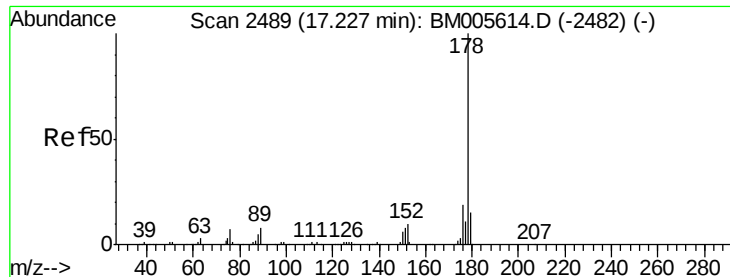
Delta R.T. 0.01 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Tgt Ion:	166	Resp:	51114
Ion Ratio		Lower	Upper
166	100		
165	128.6	78.0	117.0#
167	50.4	10.5	15.7#





#69

Phenanthrene

Concen: 42.06 ng/ul

RT: 17.25 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BM005567.D

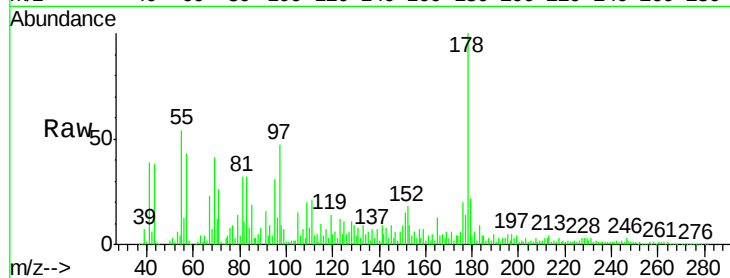
Acq: 22 May 2016 01:12

Instrument :

BNA_M

ClientSampleId :

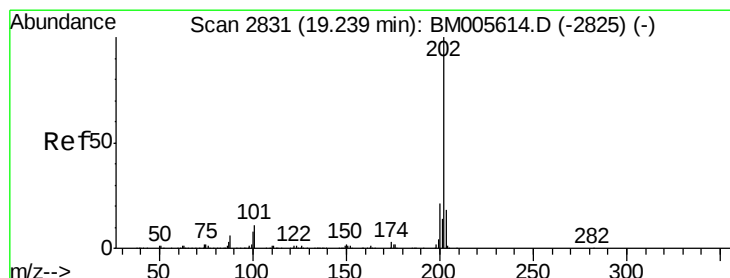
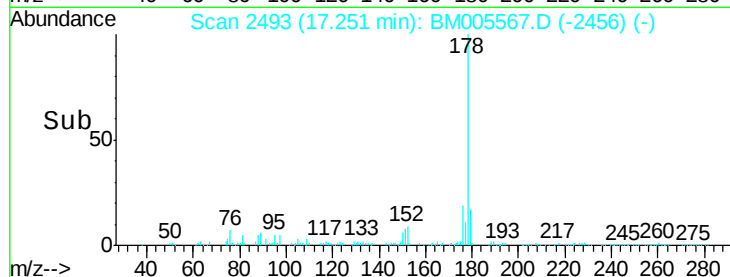
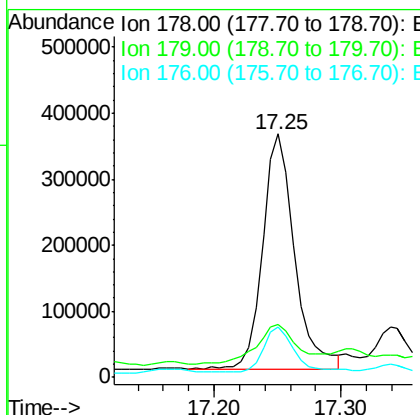
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.7	12.2	18.2#
176	20.4	15.8	23.6

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#74

Fluoranthene

Concen: 20.65 ng/ul

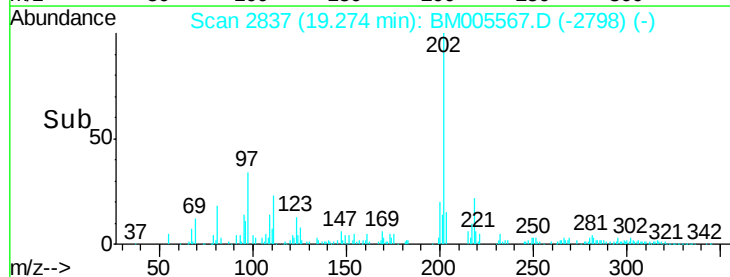
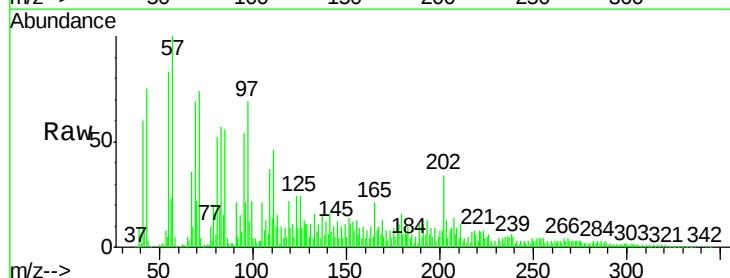
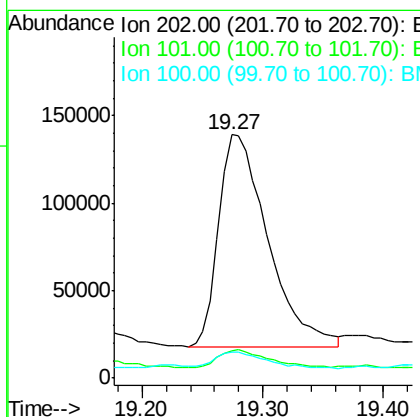
RT: 19.27 min Scan# 2837

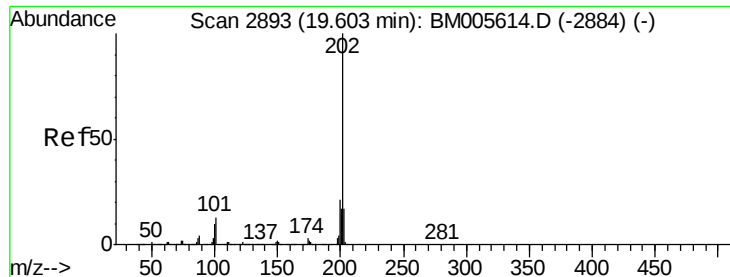
Delta R.T. 0.03 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.9	11.9
100	10.8	5.6	8.4#





#77

Pyrene

Concen: 33.83 ng/ul

RT: 19.65 min Scan# 2901

Delta R.T. 0.04 min

Lab File: BM005567.D

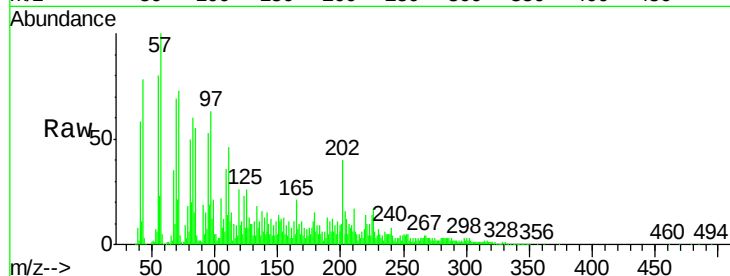
Acq: 22 May 2016 01:12

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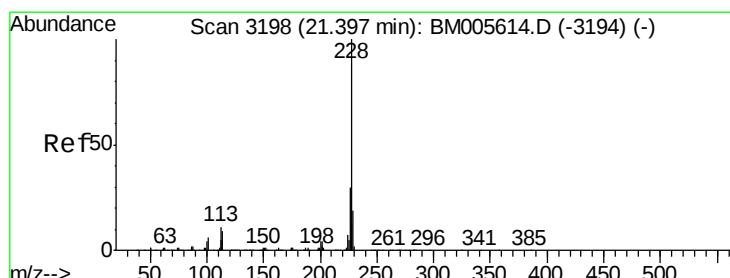
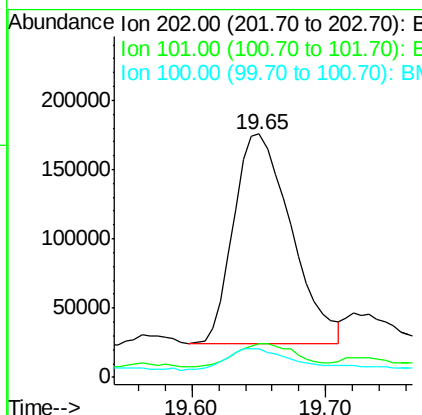
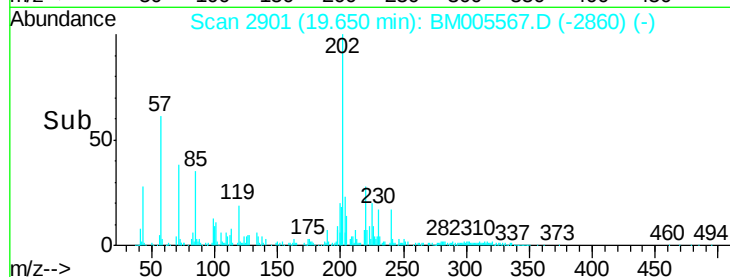
E5NG0MS



Tgt Ion:	202	Resp:	453707
Ion Ratio	Lower	Upper	
202	100		
101	13.6	9.6	14.4
100	11.5	7.8	11.6

Manual Integrations
APPROVED

umangi
5/23/2016 8:32:49 PM



#82

Chrysene

Concen: 10.99 ng/ul

RT: 21.44 min Scan# 3205

Delta R.T. 0.04 min

Lab File: BM005567.D

Acq: 22 May 2016 01:12

Tgt Ion:	228	Resp:	143434
Ion Ratio	Lower	Upper	
228	100		
226	43.9	23.7	35.5#
229	60.0	15.5	23.3#

