

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007405.D
 Acq On : 03 Sep 2016 13:46
 Operator : UM/SJ
 Sample : H4639-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD387

Manual Integrations
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Quant Time: Sep 06 09:01:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 05 01:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	223634	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1043442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	691873	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1724441	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2001814	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1764485	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	12486	2.85	ng/uL	0.00
5) Phenol-d5	6.96	99	343621	16.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	187365	16.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	267932	17.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	291046	15.80	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	143829	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	171312	19.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	321344	18.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	81792	3.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1134279	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1364695	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	131827	11.70	ng/ul	0.00
57) Fluorene-d10	15.42	176	1027744	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	184272	16.99	ng/ul	0.00
70) Anthracene-d10	17.27	188	1678131	20.83	ng/ul	0.00
76) Pyrene-d10	19.56	212	1993053	23.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1632097	20.08	ng/ul	0.02

Target Compounds

						Qvalue
4) Benzaldehyde	6.95	77	17049	1.42	ng/ul	87
14) Acetophenone	8.61	105	35792	1.27	ng/ul#	92
28) Naphthalene	10.63	128	288505	5.56	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	221367	5.21	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	74091	1.38	ng/ul	97
44) Dimethylphthalate	13.88	163	489713	8.24	ng/ul	99
47) Acenaphthylene	14.14	152	291070	4.09	ng/ul	99
53) Dibenzofuran	14.82	168	423394	6.11	ng/ul	96
69) Phenanthrene	17.22	178	1605819	17.35	ng/ul	100
71) Anthracene	17.30	178	953237	9.97	ng/ul	100
72) Carbazole	17.57	167	316166	3.81	ng/ul	98
74) Fluoranthene	19.23	202	3991925	34.36	ng/ul	97
77) Pyrene	19.60	202	3496963	32.56	ng/ul	96
80) Benzo(a)anthracene	21.34	228	2361994	20.02	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	114377	1.76	ng/ul#	95
82) Chrysene	21.37	228	4505133m	42.15	ng/ul	
85) Benzo(b)fluoranthene	22.96	252	6946456	66.58	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	2046354m	21.22	ng/ul	
88) Benzo(a)pyrene	23.54	252	1400826	14.03	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	1463757	11.95	ng/ul	96
90) Dibenzo(a,h)anthracene	25.93	278	522101	5.12	ng/ul#	91
91) Benzo(g,h,i)perylene	26.63	276	1145377	11.01	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

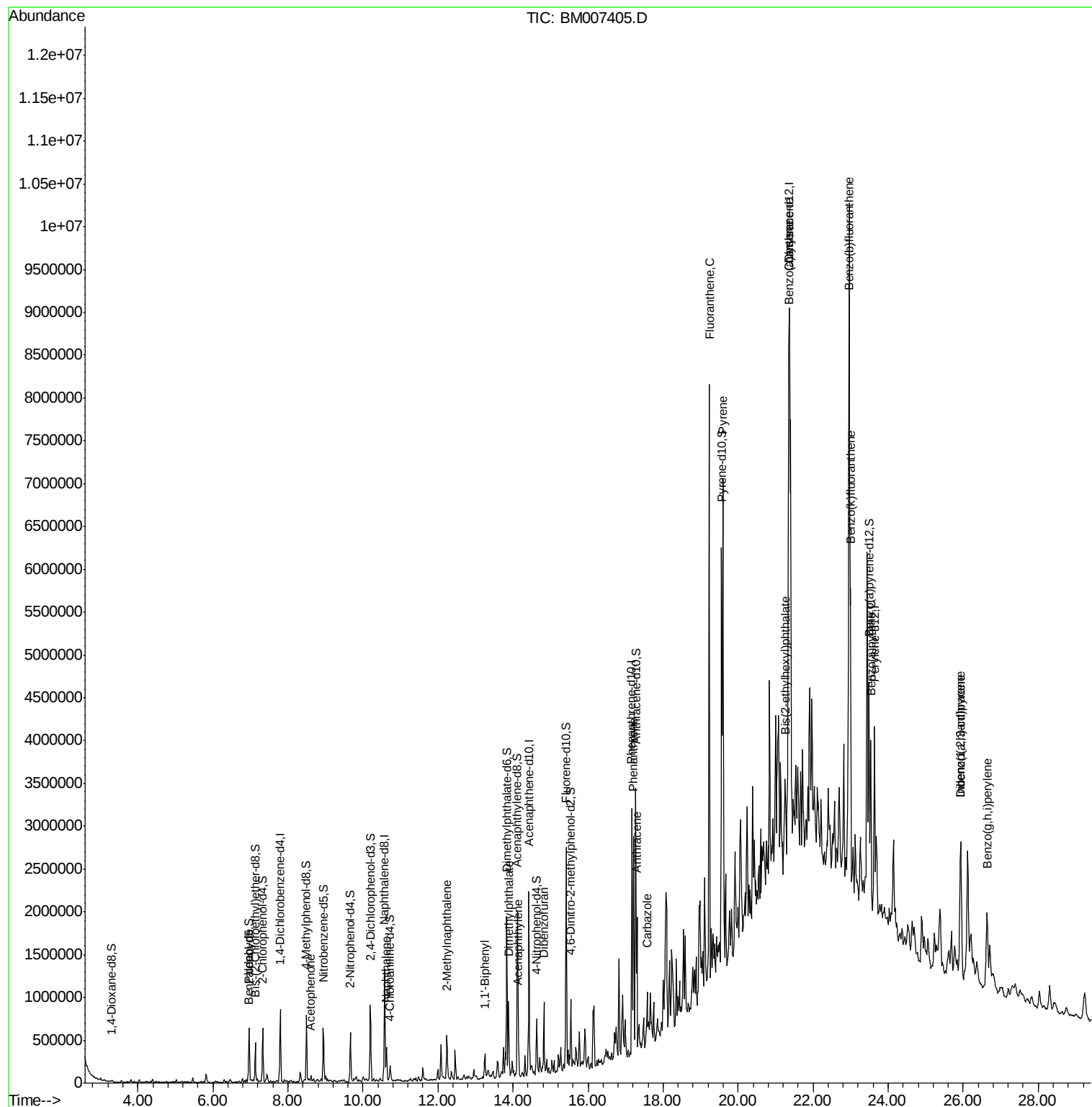
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007405.D
Acq On : 03 Sep 2016 13:46
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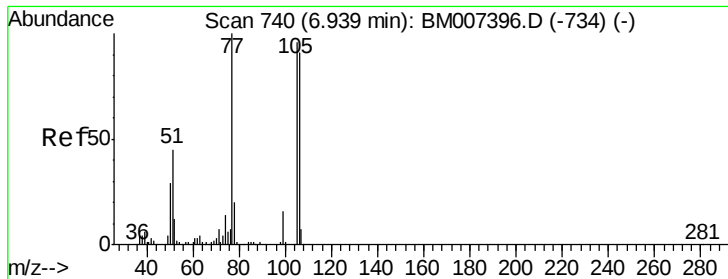
Instrument :
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ClientSampled :
BD387

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.42 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. 0.01 min

Lab File: BM007405.D

Acq: 03 Sep 2016 13:46

Instrument :

BNA_M

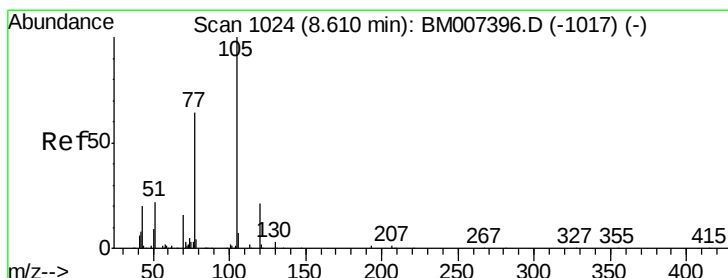
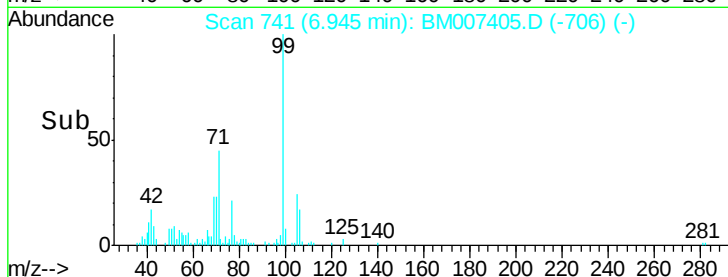
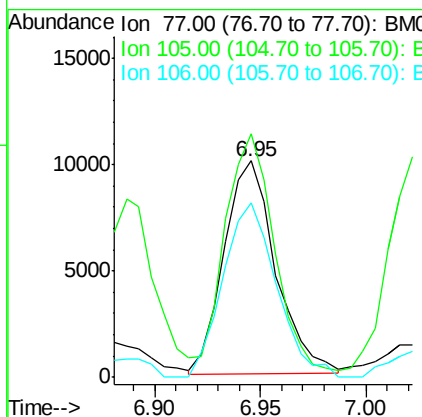
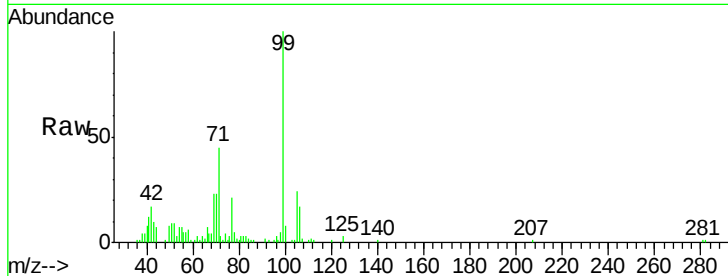
ClientSampleId :

BD387

Tgt Ion:	77	Resp:	17049
Ion Ratio	Lower	Upper	
77	100		
105	112.5	76.9	115.3
106	80.5	71.8	107.8

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#14

Acetophenone

Concen: 1.27 ng/ul

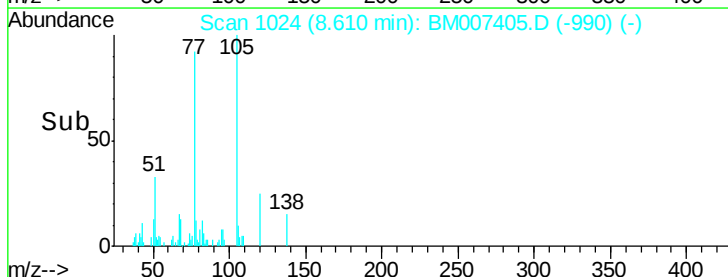
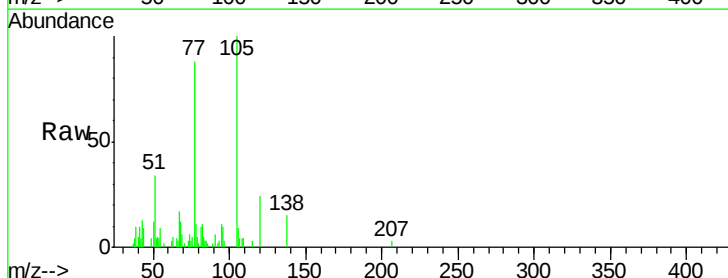
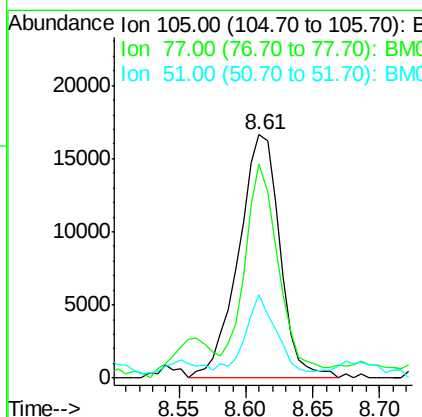
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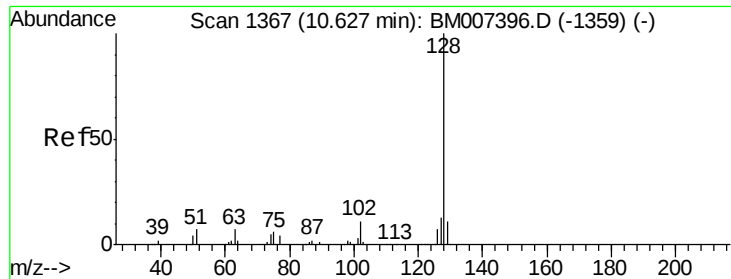
Delta R.T. 0.00 min

Lab File: BM007405.D

Acq: 03 Sep 2016 13:46

Tgt Ion:	105	Resp:	35792
Ion Ratio	Lower	Upper	
105	100		
77	87.9	65.9	98.9
51	34.1	22.2	33.2#





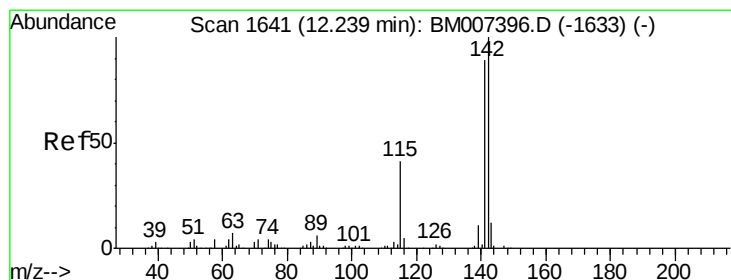
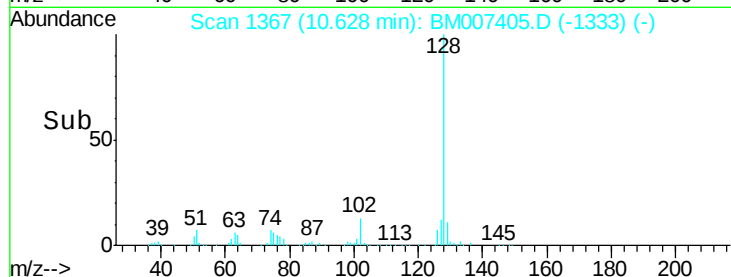
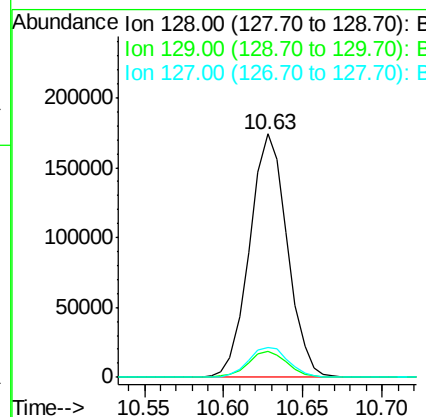
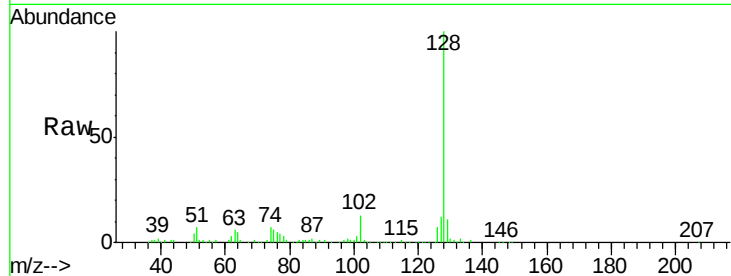
#28
Naphthalene
Concen: 5.56 ng/ul
RT: 10.63 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Instrument :
BNA_M
ClientSampleId :
BD387

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.6	12.8
127	12.4	10.6	15.8

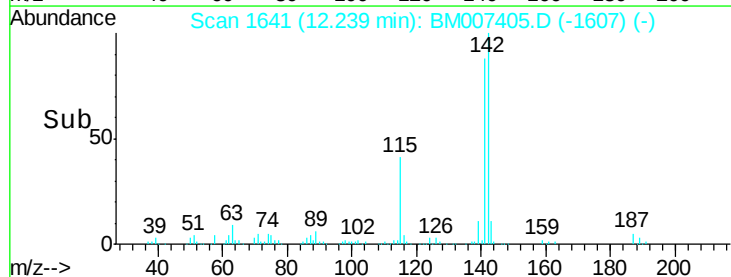
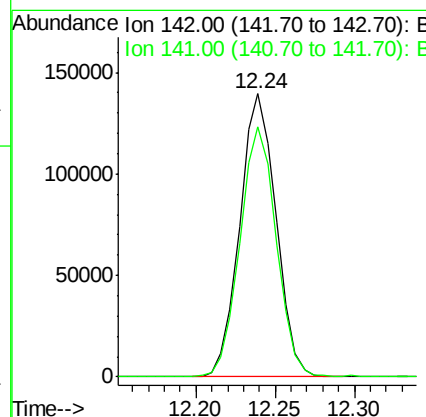
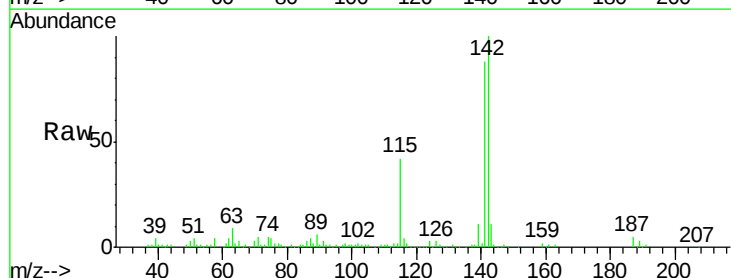
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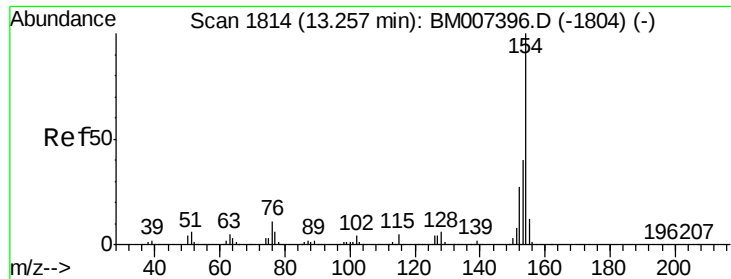
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#34
2-Methylnaphthalene
Concen: 5.21 ng/ul
RT: 12.24 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.5	71.3	106.9





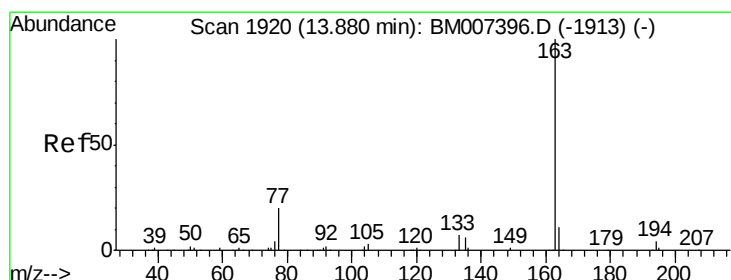
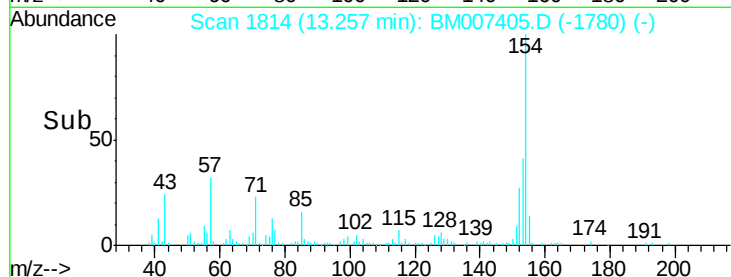
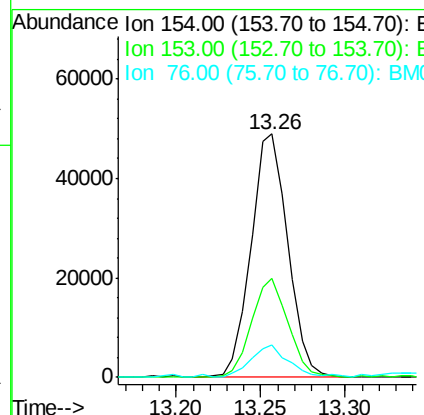
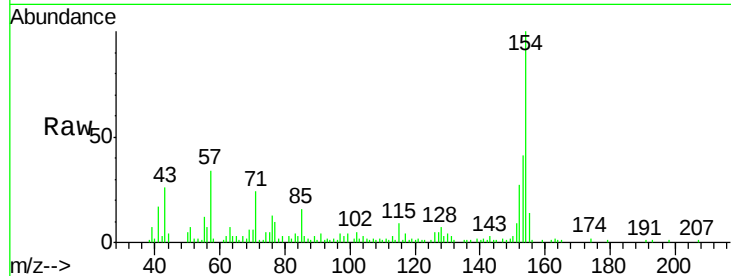
#40
1,1'-Biphenyl
Concen: 1.38 ng/ul
RT: 13.26 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Instrument :
BNA_M
ClientSampleId :
BD387

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	31.3	46.9
76	13.3	10.0	15.0

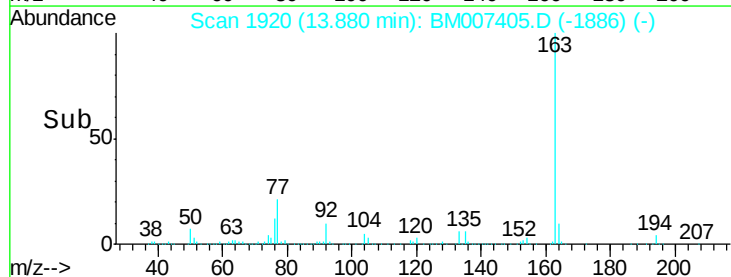
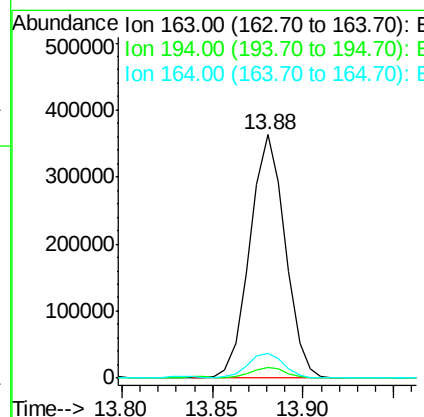
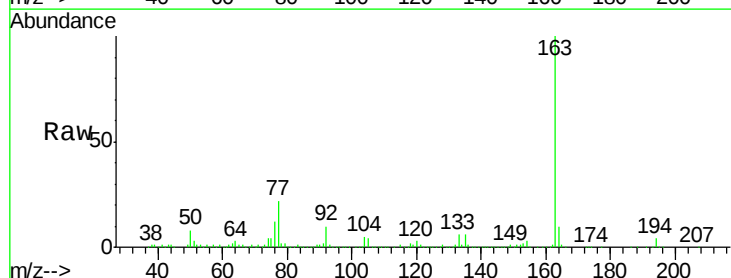
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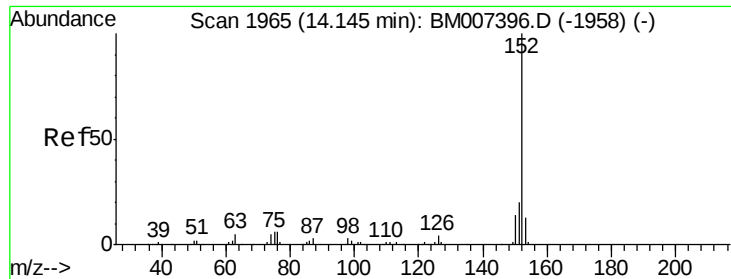
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#44
Dimethylphthalate
Concen: 8.24 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	7.8	11.8





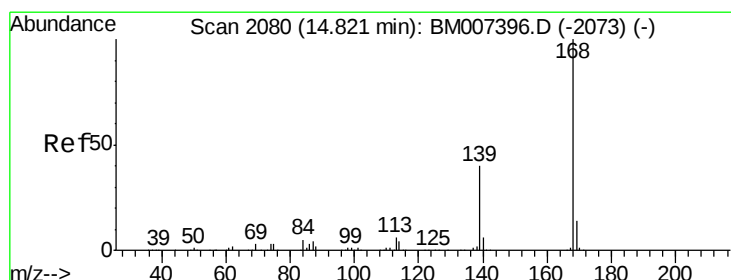
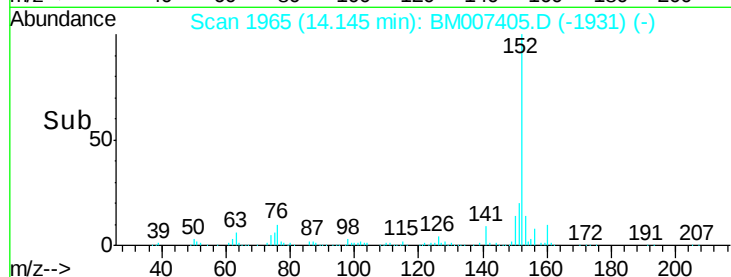
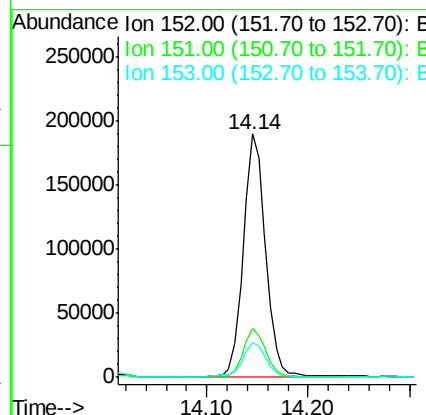
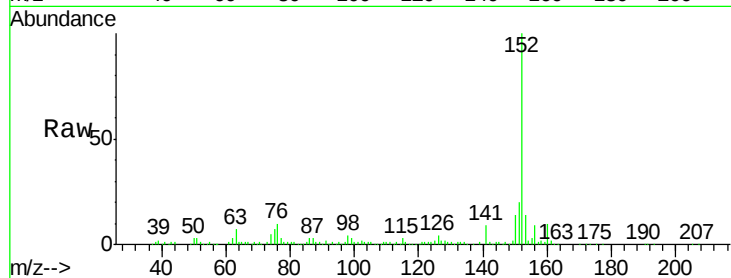
#47
Acenaphthylene
Concen: 4.09 ng/ul
RT: 14.14 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Instrument :
BNA_M
ClientSampled :
BD387

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	14.3	11.0	16.6

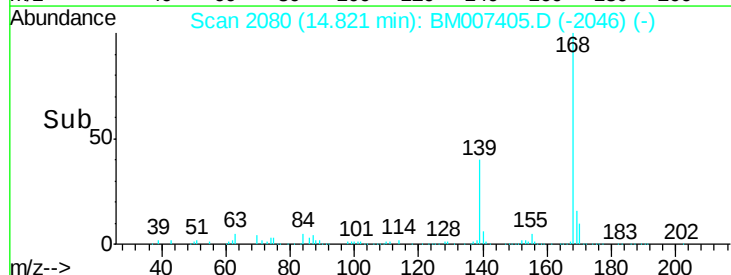
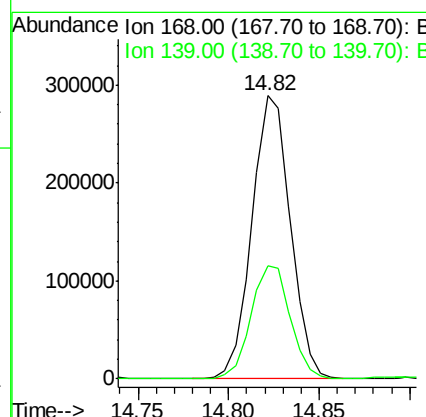
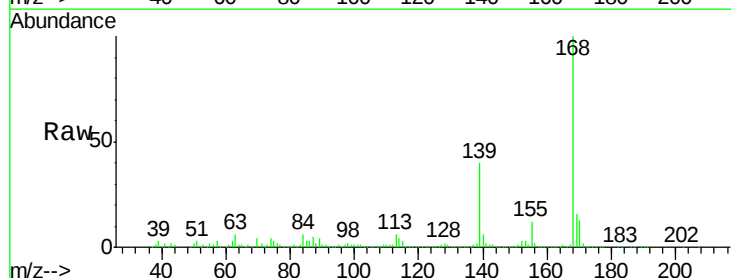
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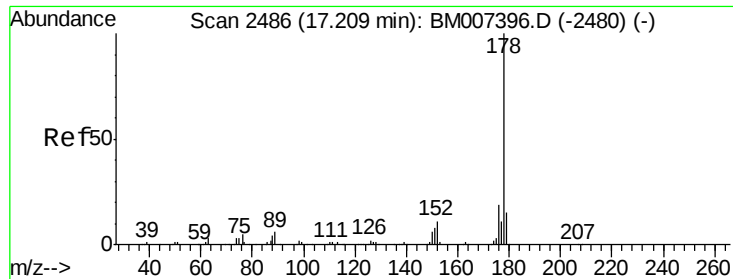
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#53
Dibenzofuran
Concen: 6.11 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1





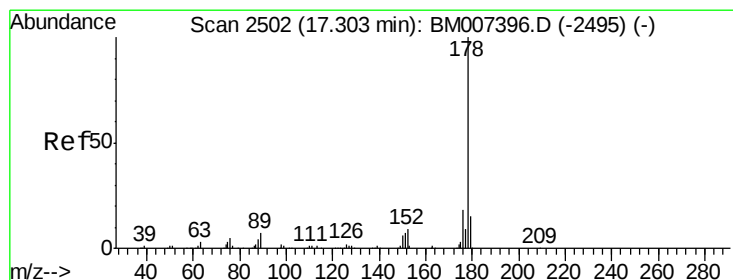
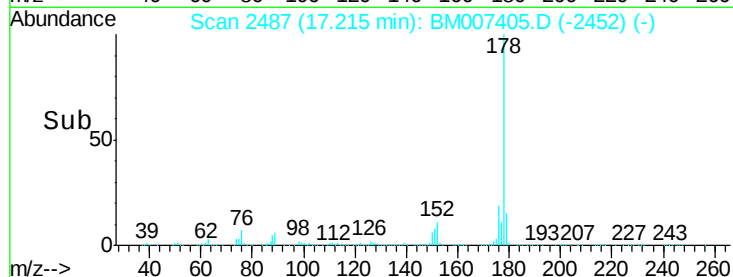
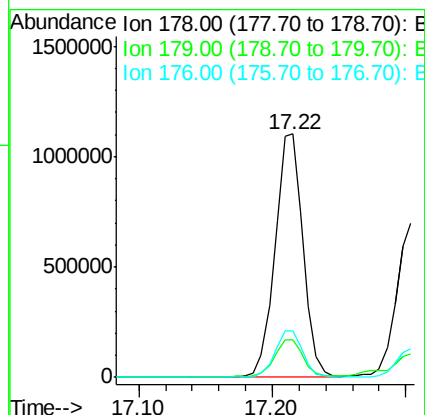
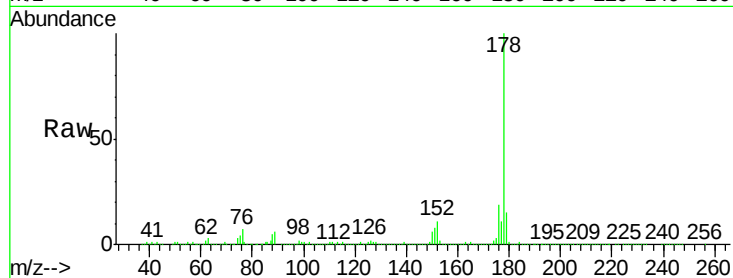
#69
Phenanthrene
Concen: 17.35 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Instrument :
BNA_M
ClientSampled :
BD387

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.1	15.1	22.7

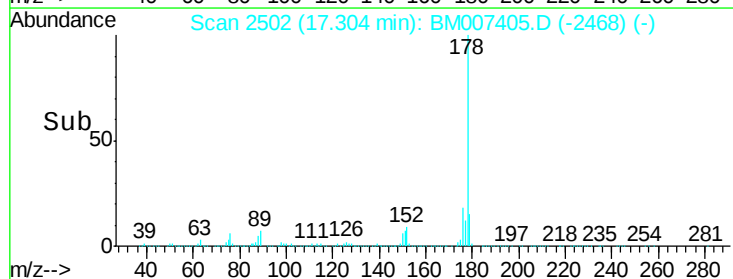
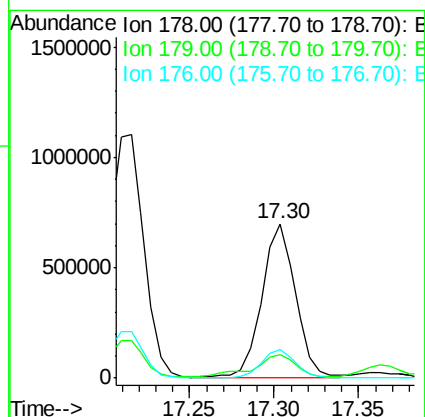
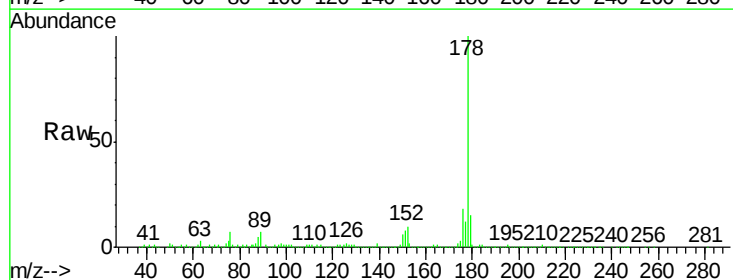
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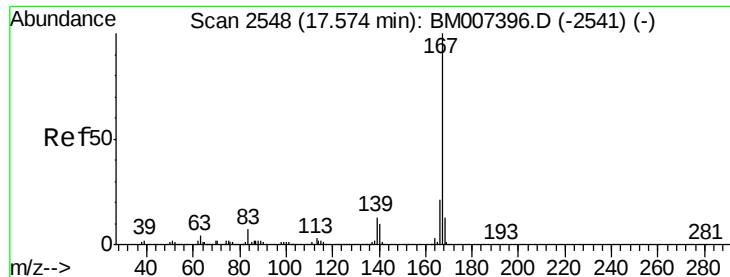
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#71
Anthracene
Concen: 9.97 ng/ul
RT: 17.30 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.2	14.5	21.7





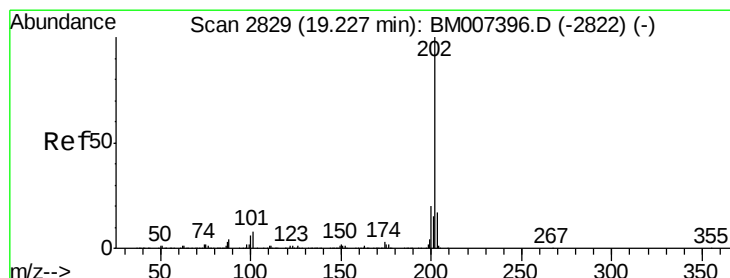
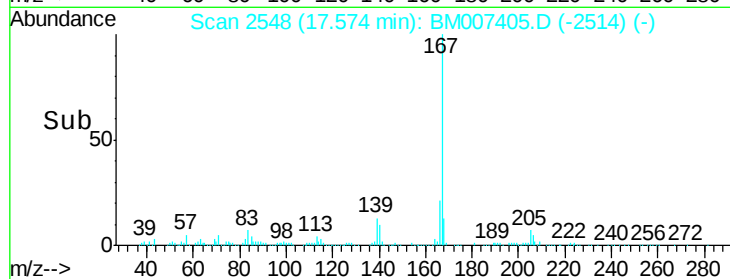
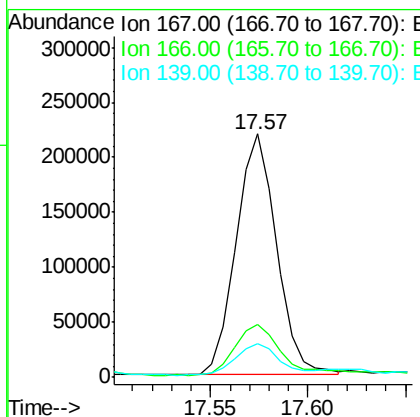
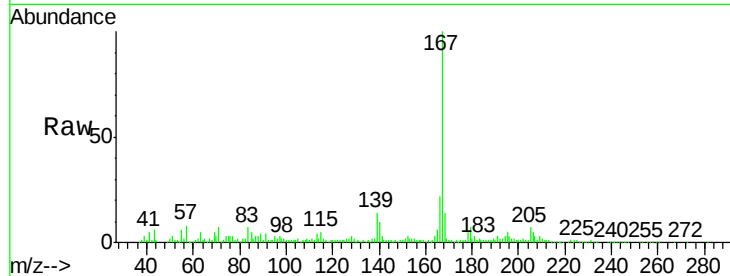
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 Carbazole
 Concen: 3.81 ng/ul
 RT: 17.57 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BM007405.D
 Acq: 03 Sep 2016 13:46

Instrument :
 BNA_M
 ClientSampled :
 BD387

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	316166		
166	21.7	16.6	25.0	
139	13.7	10.2	15.4	

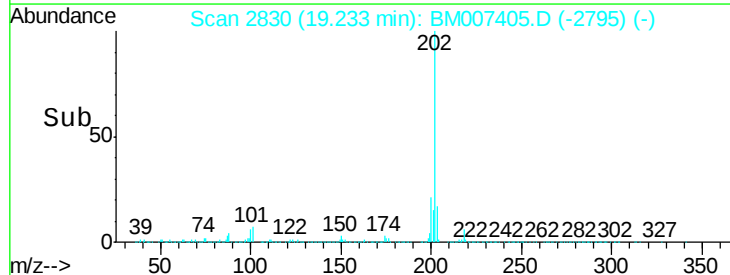
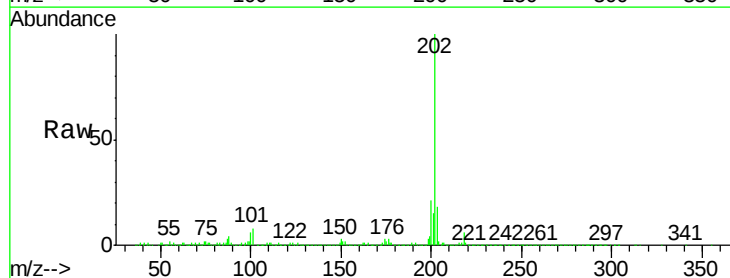
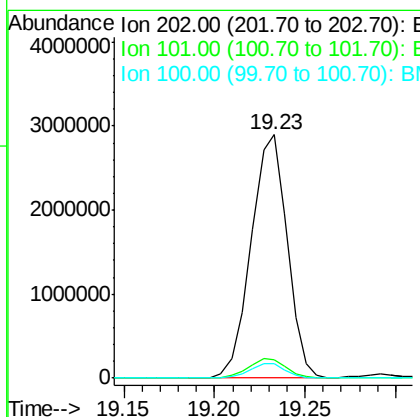
Manual Integrations
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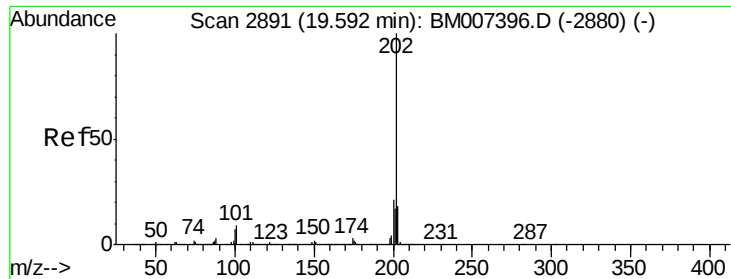
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#74
 Fluoranthene
 Concen: 34.36 ng/ul
 RT: 19.23 min Scan# 2830
 Delta R.T. 0.01 min
 Lab File: BM007405.D
 Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3991925		
101	7.7	6.9	10.3	
100	5.8	5.4	8.0	





#77

Pyrene

Concen: 32.56 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BM007405.D

Acq: 03 Sep 2016 13:46

Instrument :

BNA_M

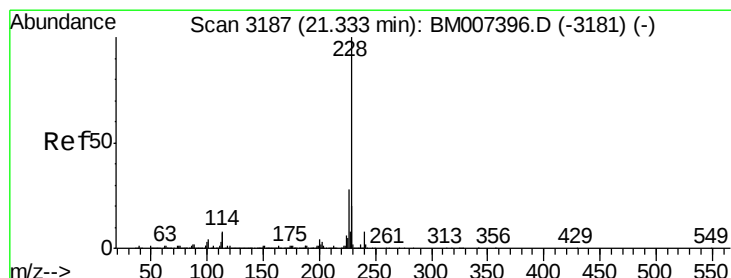
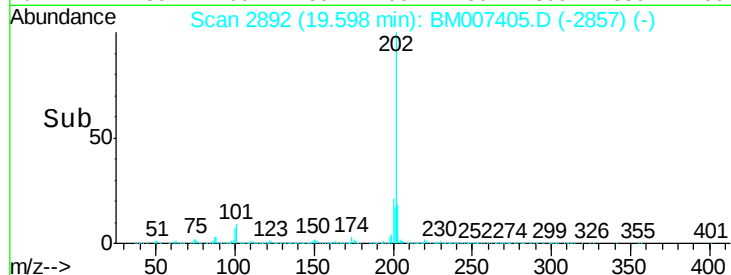
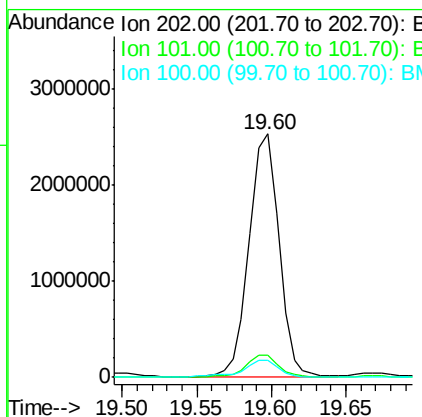
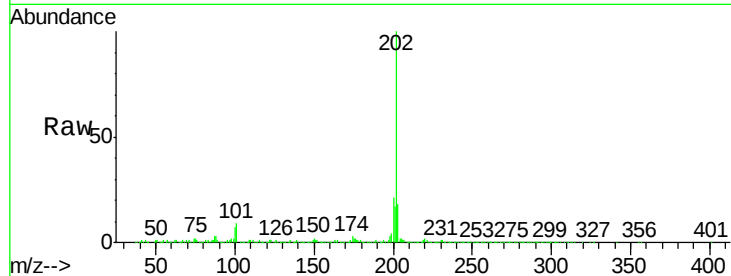
ClientSampleId :

BD387

Tgt Ion:	202	Resp:	3496963
Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.4	12.6
100	7.1	6.9	10.3

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#80

Benzo(a)anthracene

Concen: 20.02 ng/ul

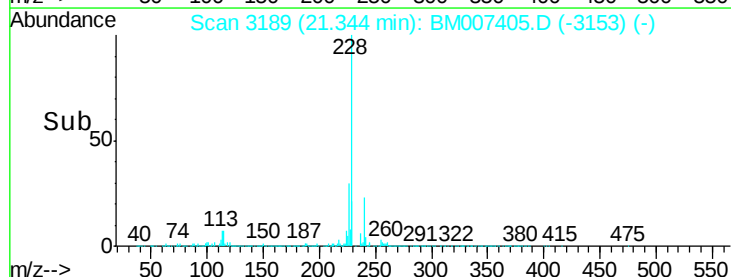
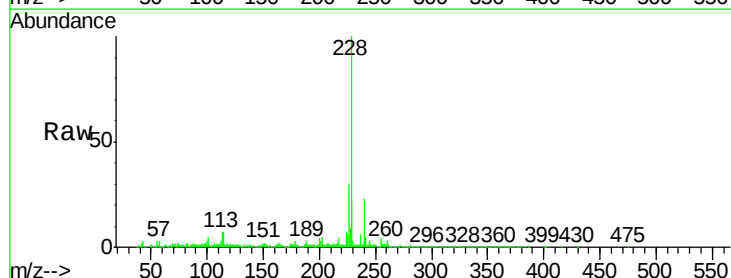
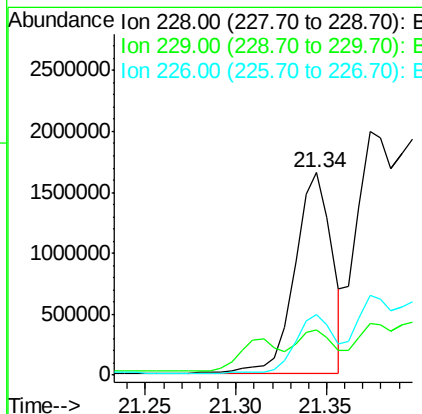
RT: 21.34 min Scan# 3189

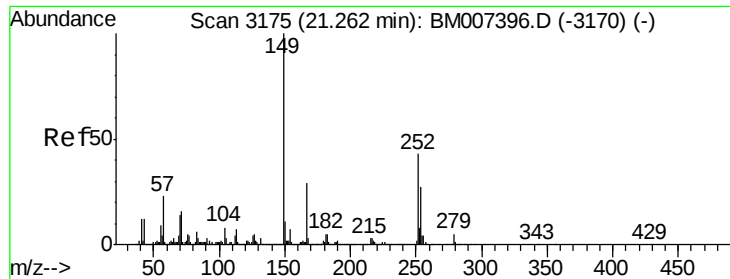
Delta R.T. 0.01 min

Lab File: BM007405.D

Acq: 03 Sep 2016 13:46

Tgt Ion:	228	Resp:	2361994
Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	30.2	21.8	32.8





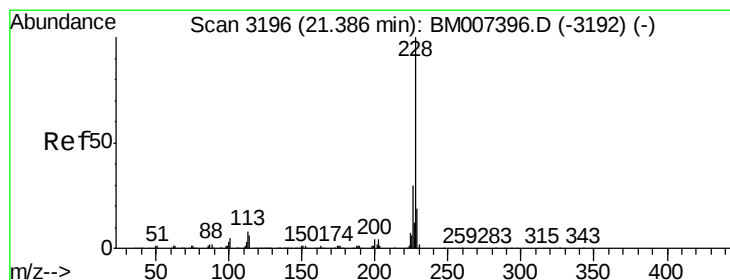
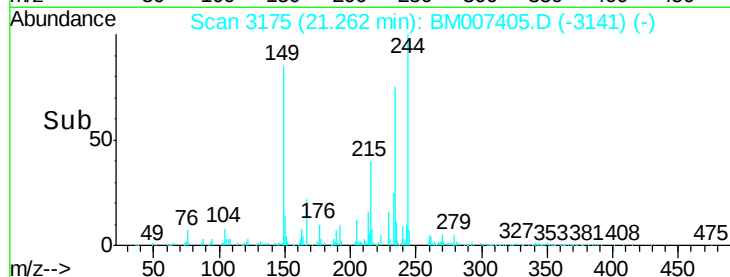
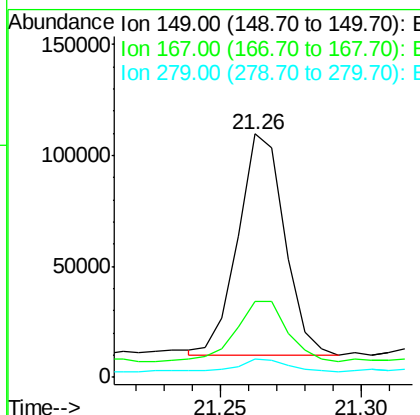
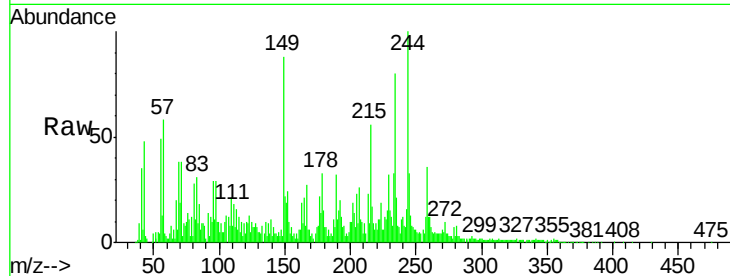
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.76 ng/ul
 RT: 21.26 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BM007405.D
 Acq: 03 Sep 2016 13:46

Instrument :
 BNA_M
 ClientSampled :
 BD387

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	114377		
167	31.2	23.2	34.8	
279	7.6	4.1	6.1	

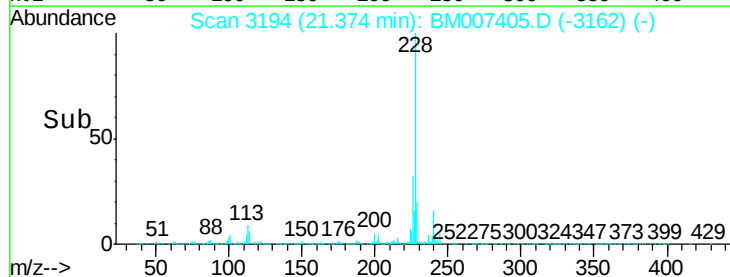
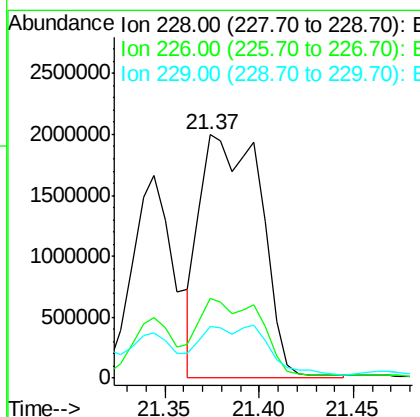
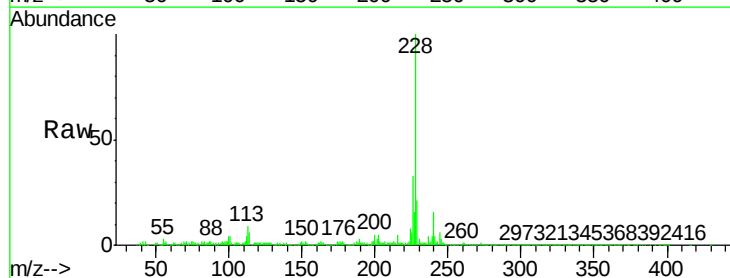
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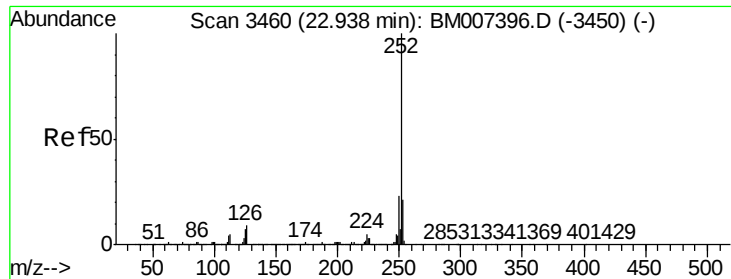
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#82
 Chrysene
 Concen: 42.15 ng/ul m
 RT: 21.37 min Scan# 3194
 Delta R.T. -0.01 min
 Lab File: BM007405.D
 Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	4505133		
226	32.5	23.4	35.2	
229	21.2	15.5	23.3	





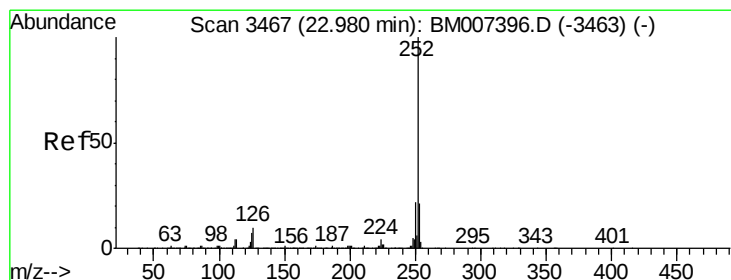
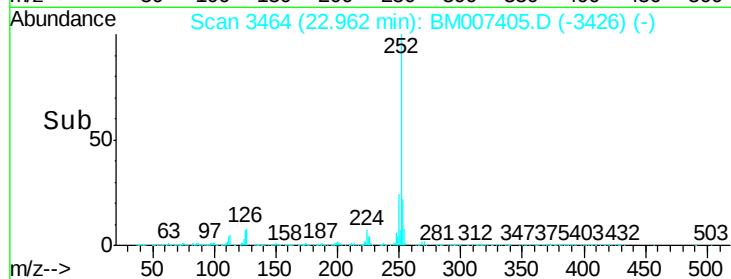
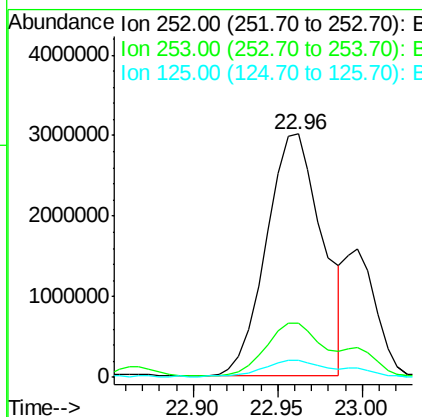
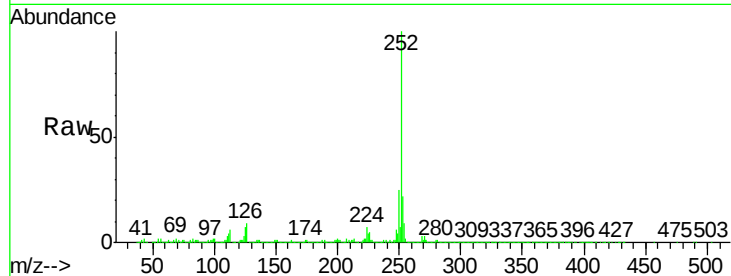
#85
Benzo(b)fluoranthene
Concen: 66.58 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. 0.02 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Instrument :
BNA_M
ClientSampleId :
BD387

Tgt Ion:252 Resp: 6946456
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 7.0 5.8 8.8

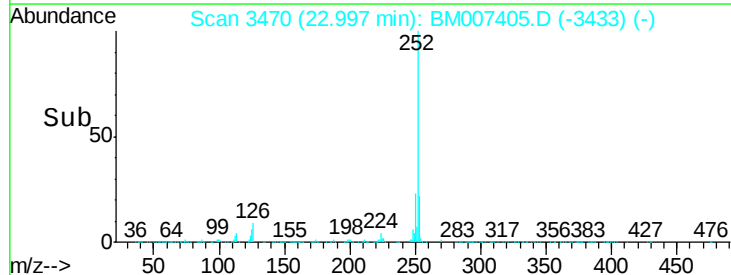
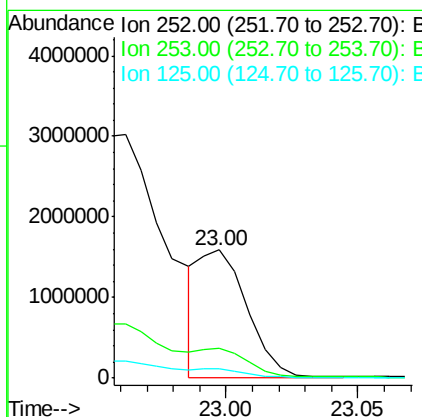
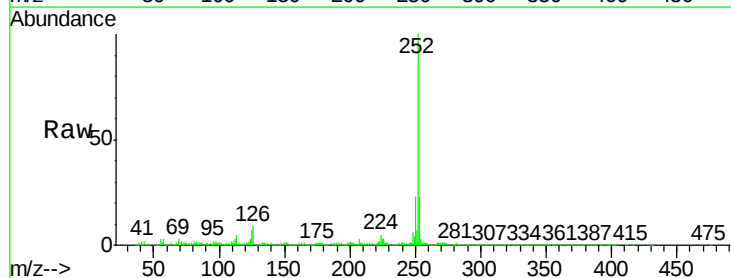
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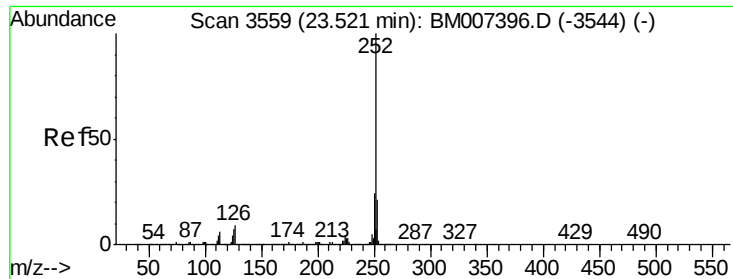
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#86
Benzo(k)fluoranthene
Concen: 21.22 ng/ul m
RT: 23.00 min Scan# 3470
Delta R.T. 0.02 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Tgt Ion:252 Resp: 2046354
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 7.0 5.7 8.5





#88

Benzo(a)pyrene

Concen: 14.03 ng/ul

RT: 23.54 min Scan# 3562

Delta R.T. 0.02 min

Lab File: BM007405.D

Acq: 03 Sep 2016 13:46

Instrument :

BNA_M

ClientSampled :

BD387

Tgt Ion:252 Resp: 1400826

Ion Ratio Lower Upper

252 100

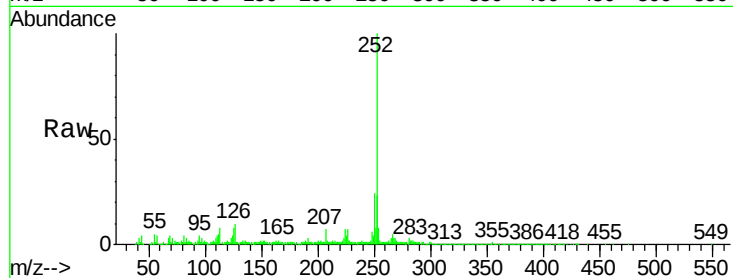
253 23.0 17.7 26.5

125 8.3 6.6 9.8

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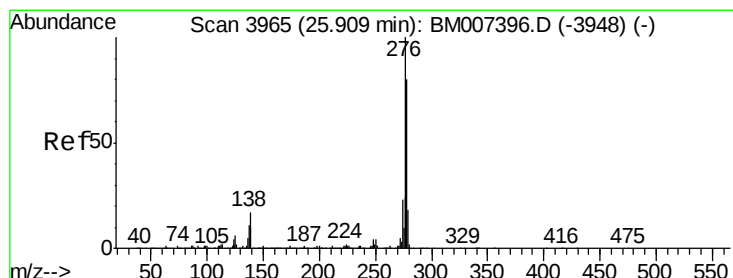
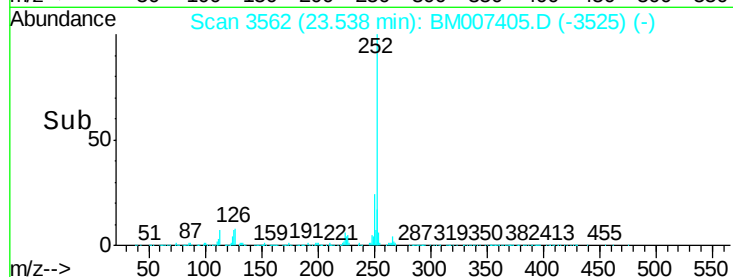
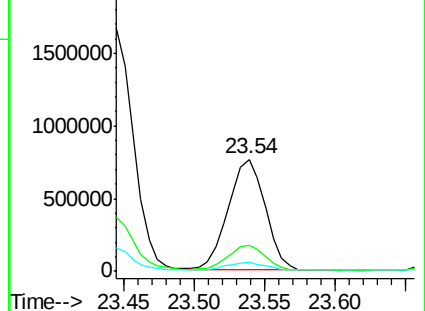
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Abundance Ion 252.00 (251.70 to 252.70): E

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: 11.95 ng/ul

RT: 25.93 min Scan# 3969

Delta R.T. 0.02 min

Lab File: BM007405.D

Acq: 03 Sep 2016 13:46

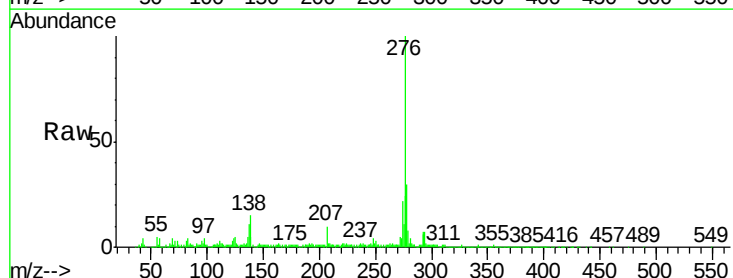
Tgt Ion:276 Resp: 1463757

Ion Ratio Lower Upper

276 100

138 14.7 13.9 20.9

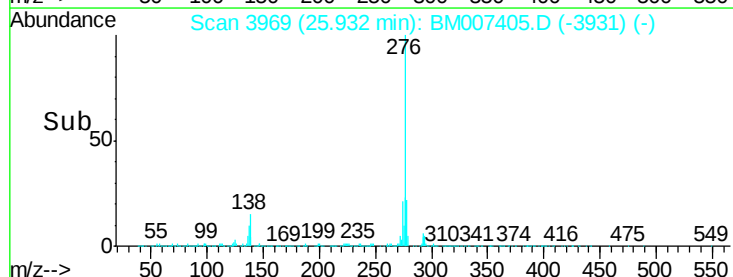
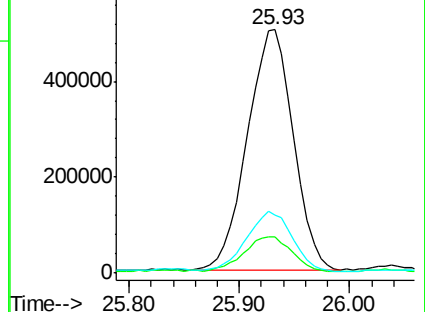
277 23.8 20.1 30.1

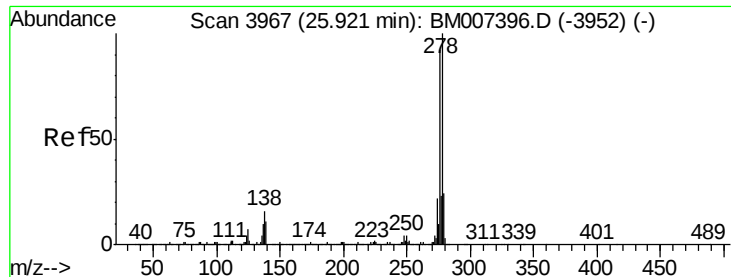


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





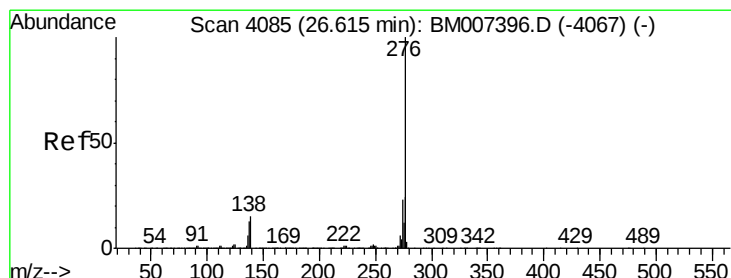
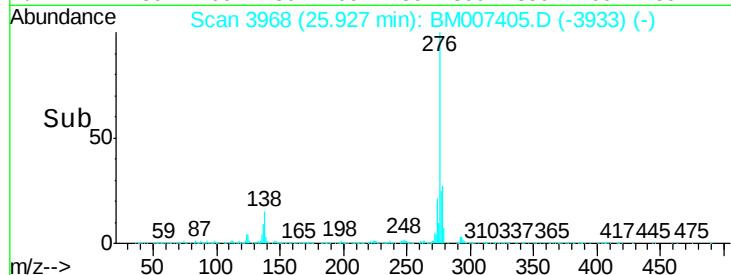
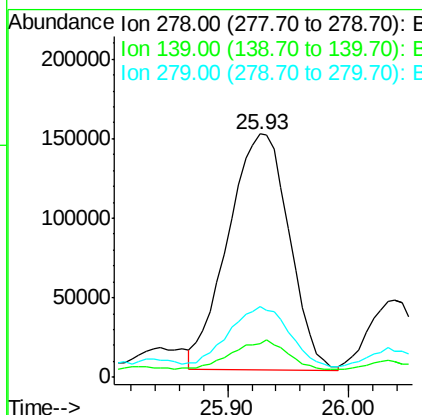
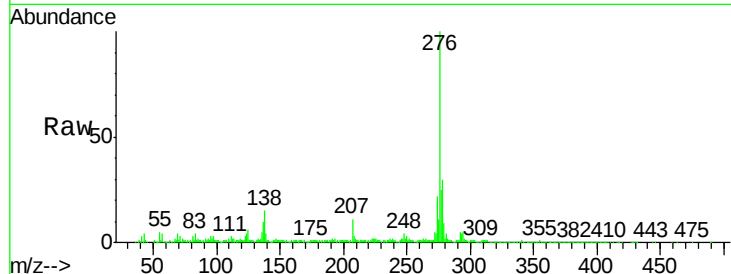
#90
Dibenzo(a,h)anthracene
Concen: 5.12 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. 0.01 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Instrument :
BNA_M
ClientSampleId :
BD387

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	9.5	14.3
279	29.2	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 11.01 ng/ul
RT: 26.63 min Scan# 4088
Delta R.T. 0.02 min
Lab File: BM007405.D
Acq: 03 Sep 2016 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.5	20.3
277	24.1	19.3	28.9

