

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006552.D
 Acq On : 20 Jul 2016 13:07
 Operator : UM/SJ
 Sample : H3959-06DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ23DL

Manual Integrations

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Quant Time: Jul 20 15:17:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	147302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	605919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	336632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	762445	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	901124	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	953201	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	705	0.20	ng/uL	0.01
5) Phenol-d5	6.79	99	18433	1.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	13059	1.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	15125	1.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	13096	1.37	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	6380	1.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	5796	1.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	11551	1.18	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	19299m	1.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	43911	1.59	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	55192	1.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	2689	0.56	ng/ul	0.02
57) Fluorene-d10	15.26	176	45299	1.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1305	0.30	ng/ul	0.00
70) Anthracene-d10	17.11	188	68003	1.89	ng/ul	0.00
76) Pyrene-d10	19.42	212	78674	1.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	83303	1.91	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.44	128	1971433	64.10 ng/ul	99
34) 2-Methylnaphthalene	12.06	142	97323	4.20 ng/ul	99
40) 1,1'-Biphenyl	13.09	154	31264	1.13 ng/ul	97
49) Acenaphthene	14.33	153	176976	7.75 ng/ul	97
53) Dibenzofuran	14.66	168	127712	3.84 ng/ul	98
58) Fluorene	15.32	166	130262	4.90 ng/ul	99
69) Phenanthrene	17.06	178	661822	15.79 ng/ul	99
71) Anthracene	17.14	178	219931	5.10 ng/ul	100
74) Fluoranthene	19.08	202	586555	12.04 ng/ul	99
77) Pyrene	19.44	202	450900	8.38 ng/ul	98
80) Benzo(a)anthracene	21.20	228	207408	3.77 ng/ul	96
82) Chrysene	21.25	228	197057	3.81 ng/ul	96
85) Benzo(b)fluoranthene	22.75	252	217107	3.81 ng/ul	97
86) Benzo(k)fluoranthene	22.79	252	77147m	1.44 ng/ul	
88) Benzo(a)pyrene	23.31	252	157535	2.89 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	93086	1.47 ng/ul#	93
91) Benzo(g,h,i)perylene	26.27	276	75853	1.35 ng/ul#	95

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

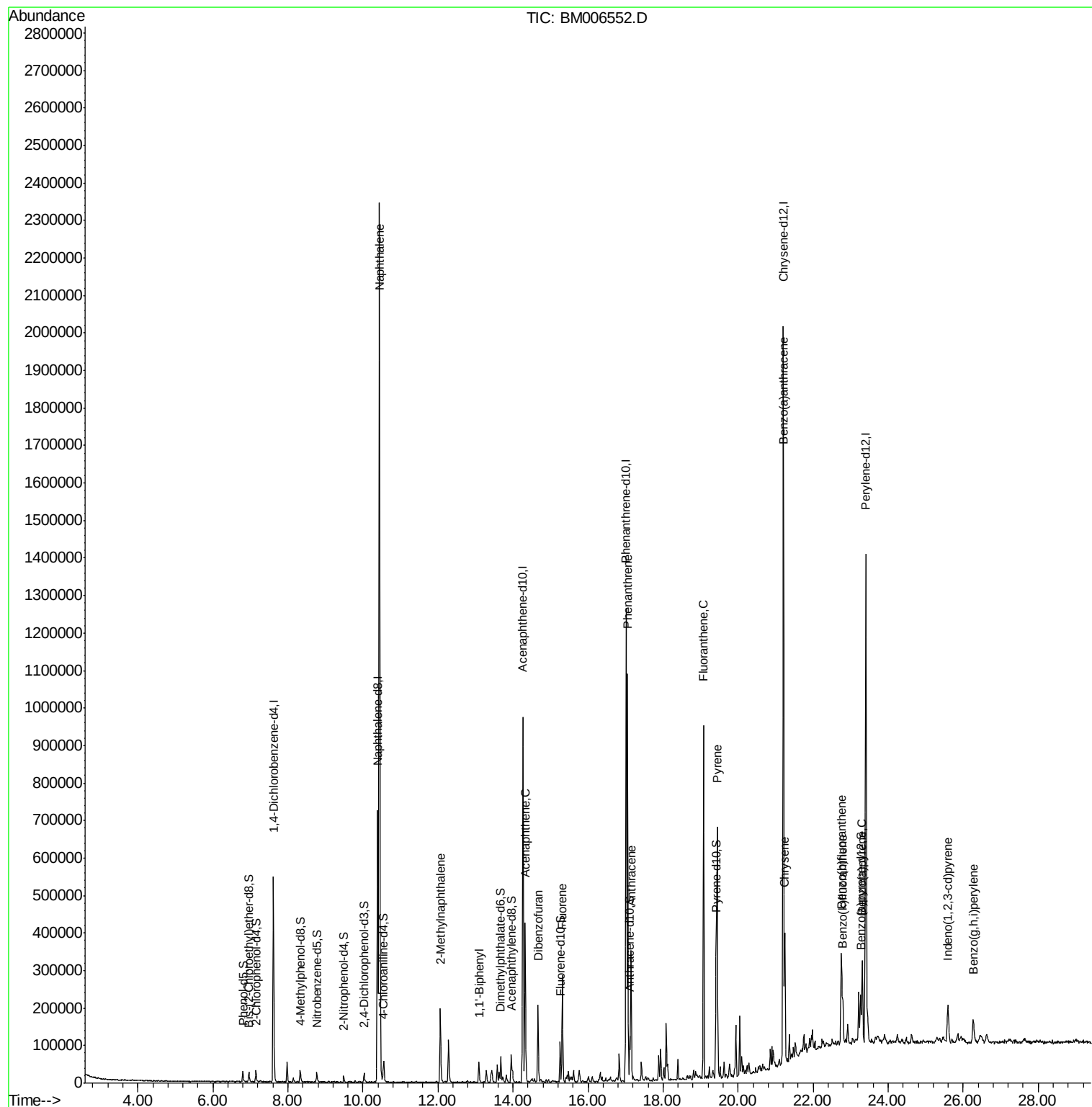
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006552.D
Acq On : 20 Jul 2016 13:07
Operator : UM/SJ
Sample : H3959-06DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

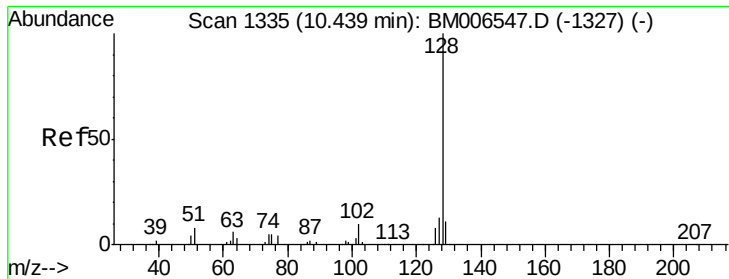
Instrument :
BNA_M
ClientSampleId :
BDJ23DL

Manual Integrations

Quant Time: Jul 20 15:17:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
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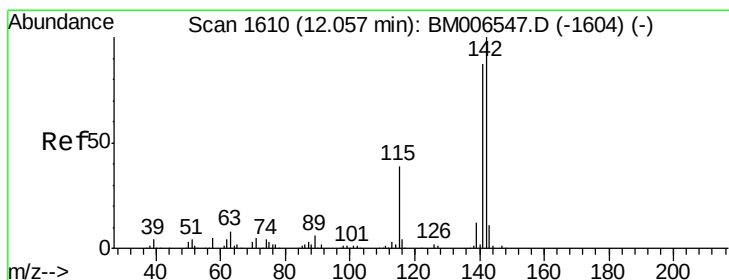
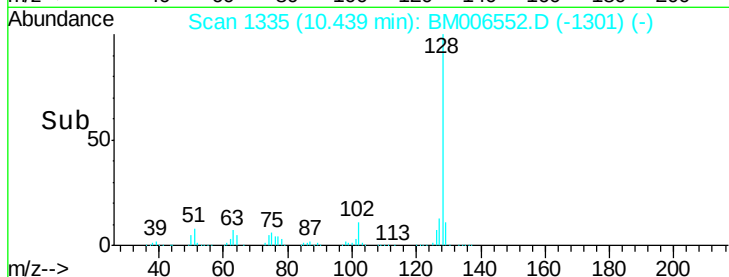
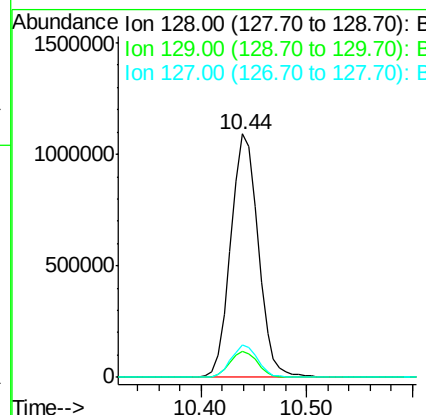
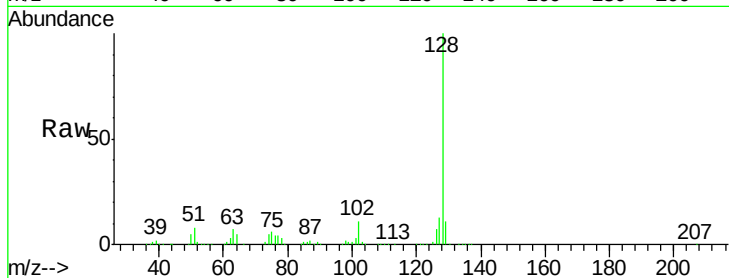
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Naphthalene
Concen: 64.10 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Instrument :
BNA_M
ClientSampled :
BDJ23DL

Tgt Ion:128 Resp: 1971433
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.9 16.3

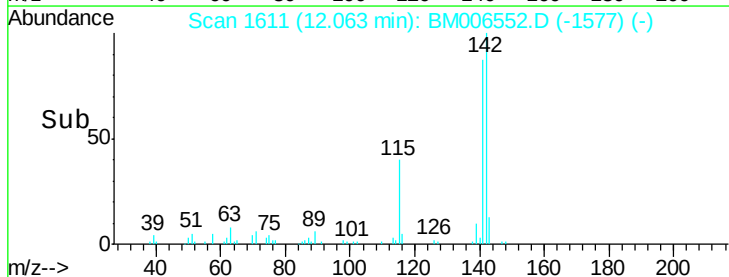
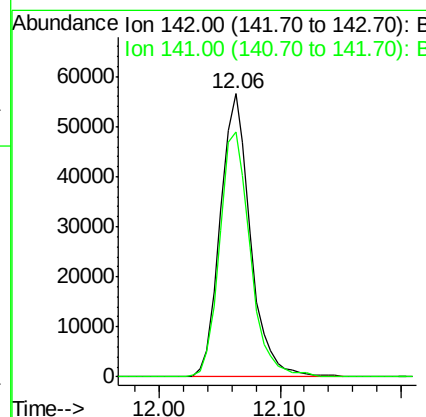
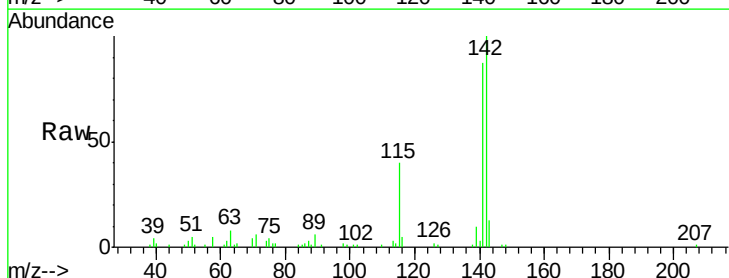
Manual Integrations

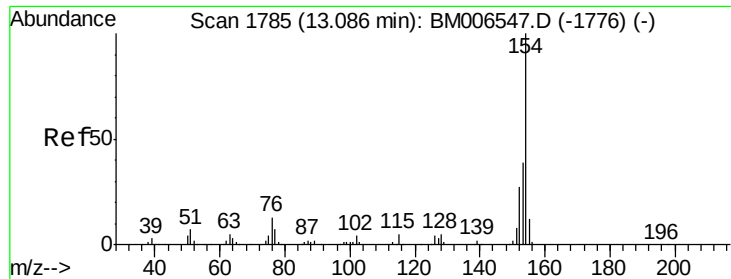
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#34
2-Methylnaphthalene
Concen: 4.20 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Tgt Ion:142 Resp: 97323
Ion Ratio Lower Upper
142 100
141 86.7 69.0 103.4





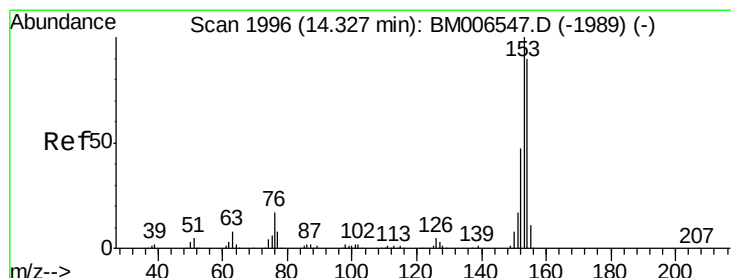
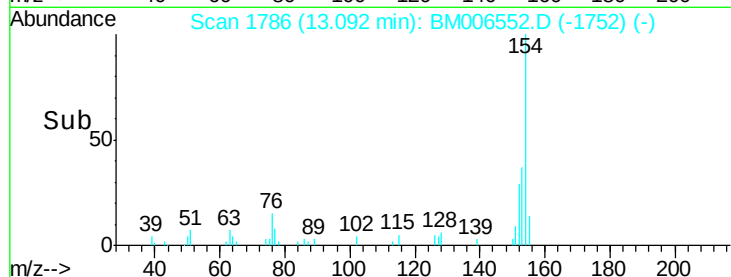
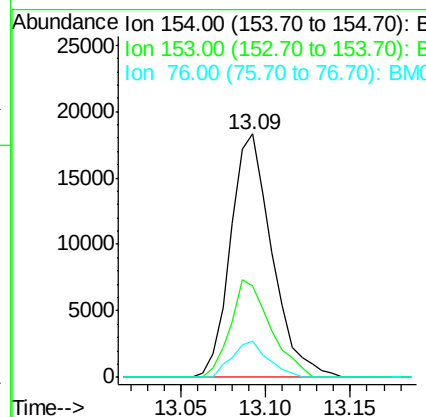
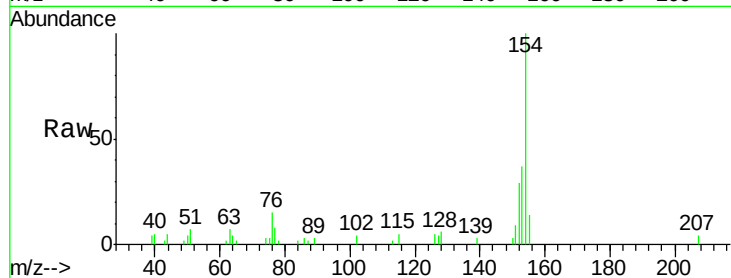
#40
 1,1'-Biphenyl
 Concen: 1.13 ng/ul
 RT: 13.09 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BM006552.D
 Acq: 20 Jul 2016 13:07

Instrument :
 BNA_M
 ClientSampleId :
 BDJ23DL

Tgt Ion:	154	Resp:	31264
Ion Ratio	Lower	Upper	
154	100		
153	37.3	31.4	47.2
76	14.6	10.4	15.6

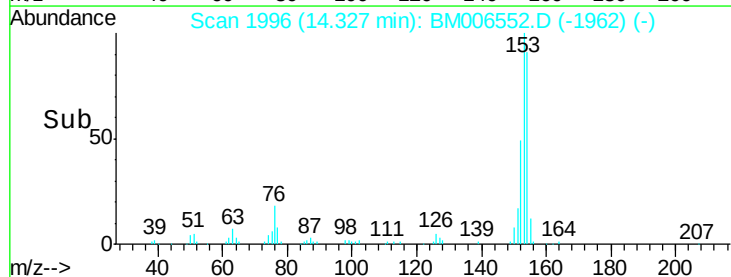
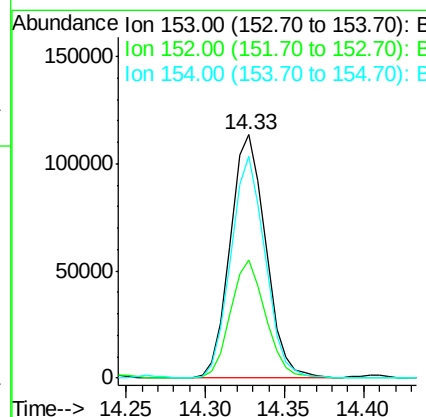
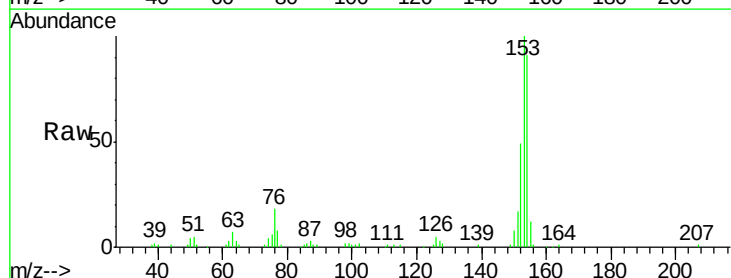
Manual Integrations

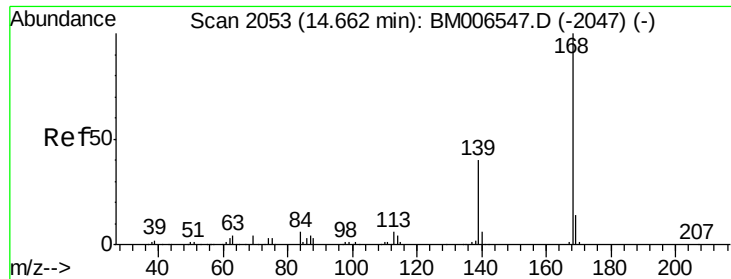
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#49
 Acenaphthene
 Concen: 7.75 ng/ul
 RT: 14.33 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BM006552.D
 Acq: 20 Jul 2016 13:07

Tgt Ion:	153	Resp:	176976
Ion Ratio	Lower	Upper	
153	100		
152	48.5	37.7	56.5
154	90.9	70.0	105.0





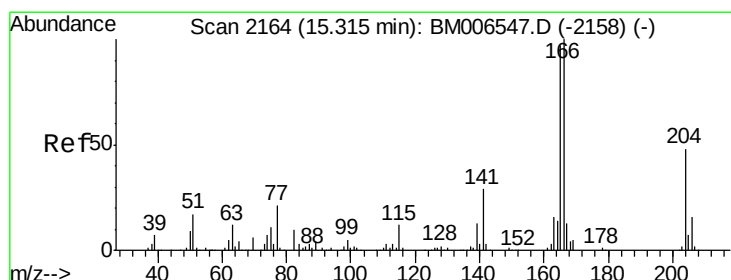
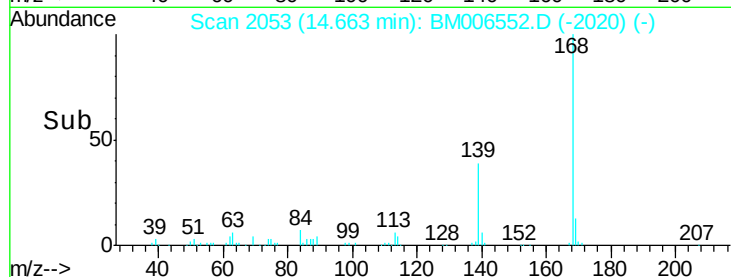
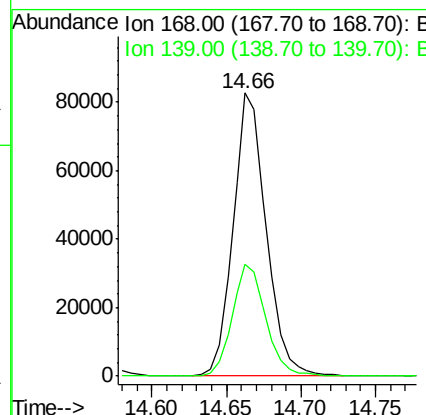
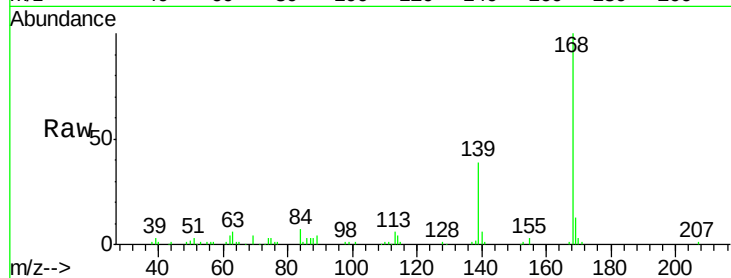
#53
Dibenzenofuran
Concen: 3.84 ng/ul
RT: 14.66 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Instrument :
BNA_M
ClientSampleId :
BDJ23DL

Tgt Ion:168 Resp: 127712
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0

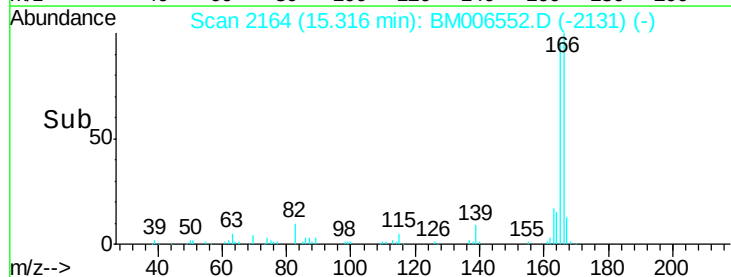
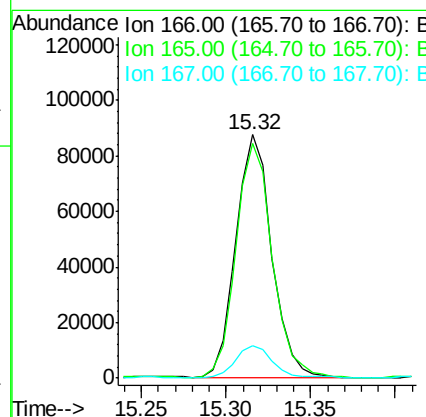
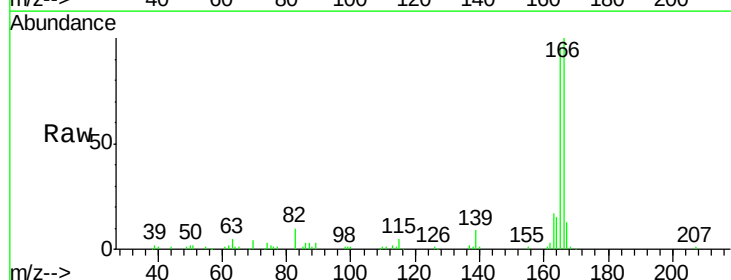
Manual Integrations

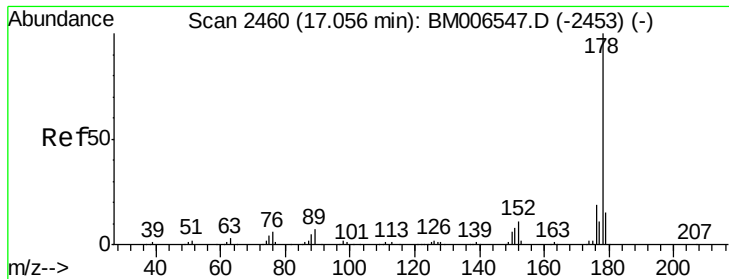
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#58
Fluorene
Concen: 4.90 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Tgt Ion:166 Resp: 130262
Ion Ratio Lower Upper
166 100
165 96.3 77.5 116.3
167 13.5 10.8 16.2





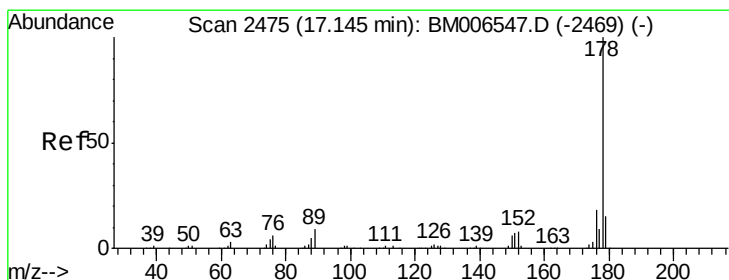
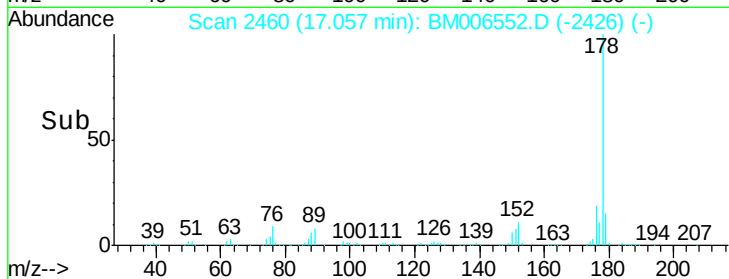
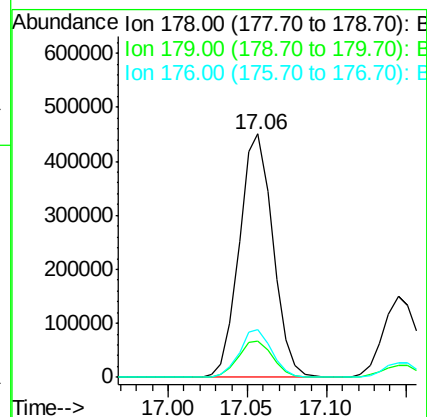
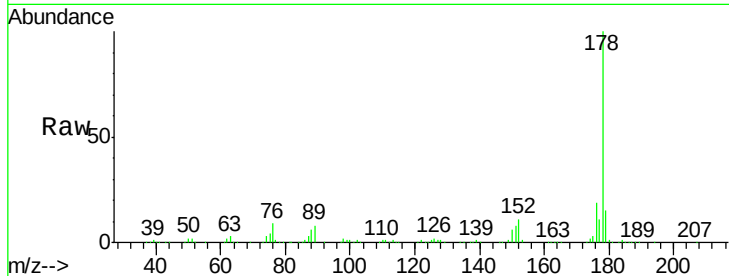
#69
 Phenanthrene
 Concen: 15.79 ng/ul
 RT: 17.06 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM006552.D
 Acq: 20 Jul 2016 13:07

Instrument :
 BNA_M
 ClientSampleId :
 BDJ23DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	19.5	15.2	22.8

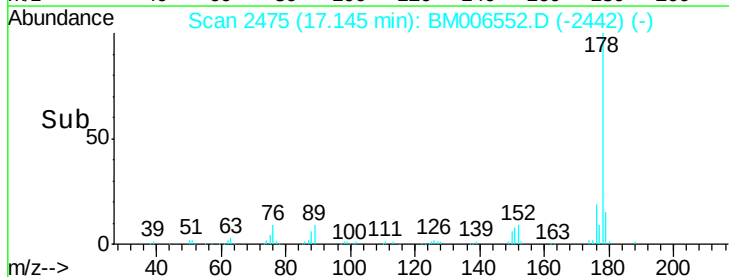
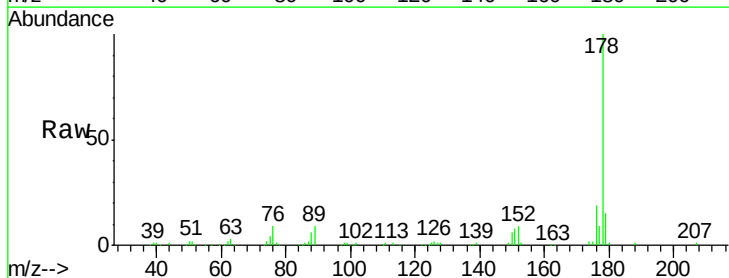
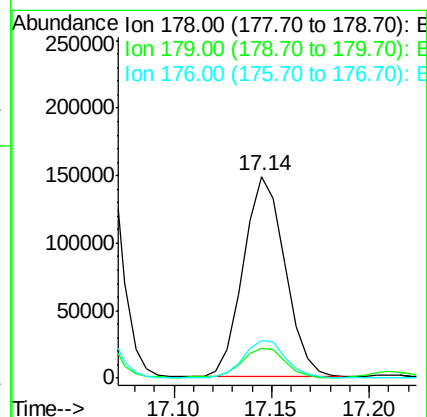
Manual Integrations

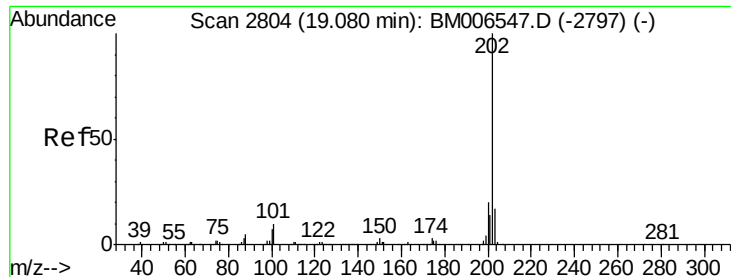
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#71
 Anthracene
 Concen: 5.10 ng/ul
 RT: 17.14 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM006552.D
 Acq: 20 Jul 2016 13:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.0	18.0
176	18.7	15.0	22.6





#74

Fluoranthene

Concen: 12.04 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006552.D

Acq: 20 Jul 2016 13:07

Instrument :

BNA_M

ClientSampled :

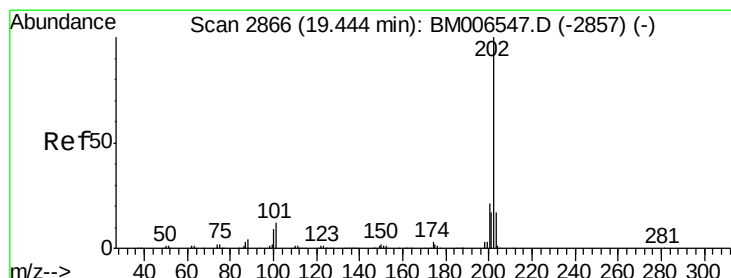
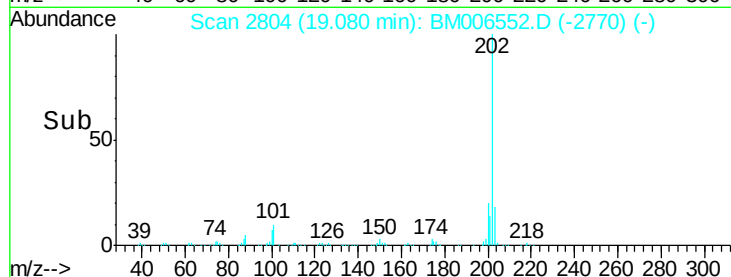
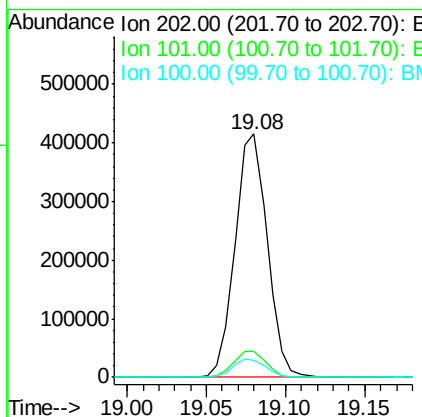
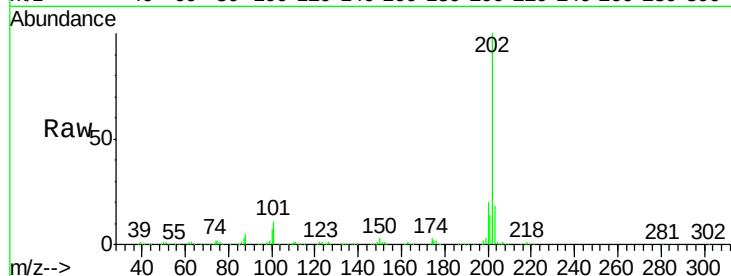
BDJ23DL

Tgt	Ion	202	Resp:	586555
Ion	Ratio	Lower	Upper	
202	100			
101	10.6	8.6	12.8	
100	7.2	6.4	9.6	

Manual Integrations

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#77

Pyrene

Concen: 8.38 ng/ul

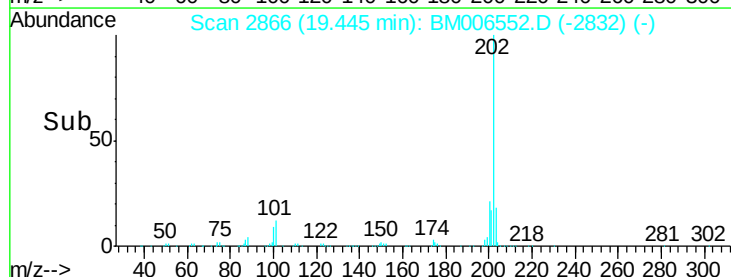
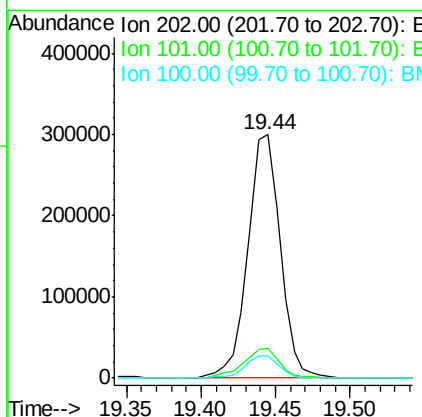
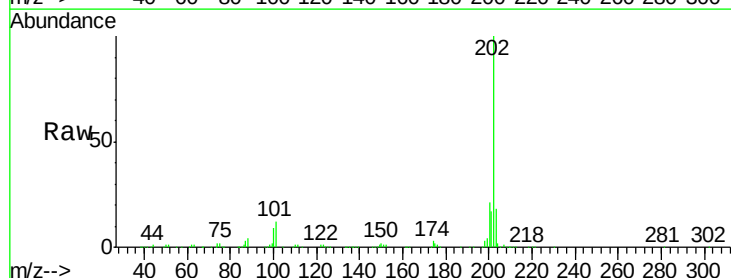
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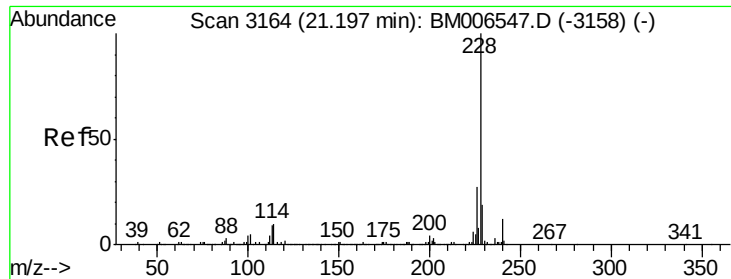
Delta R.T. 0.00 min

Lab File: BM006552.D

Acq: 20 Jul 2016 13:07

Tgt	Ion	202	Resp:	450900
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	10.0	15.0	
100	8.9	7.9	11.9	





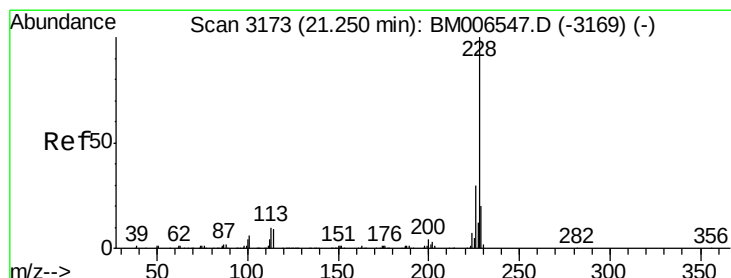
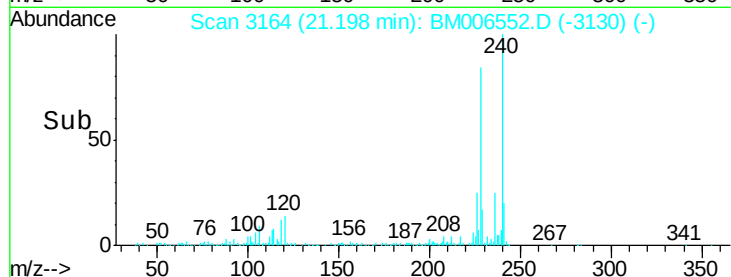
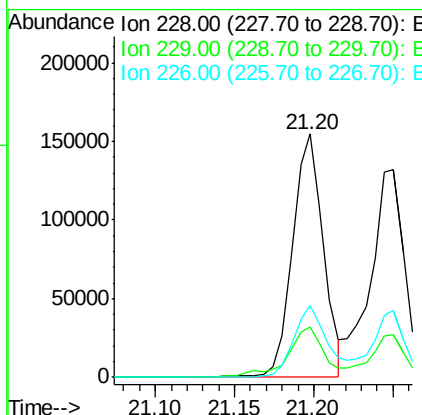
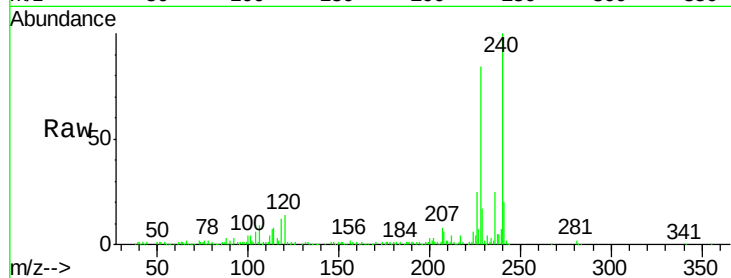
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Benzo(a)anthracene
Concen: 3.77 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Instrument :
BNA_M
ClientSampleId :
BDJ23DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	29.8	21.4	32.2

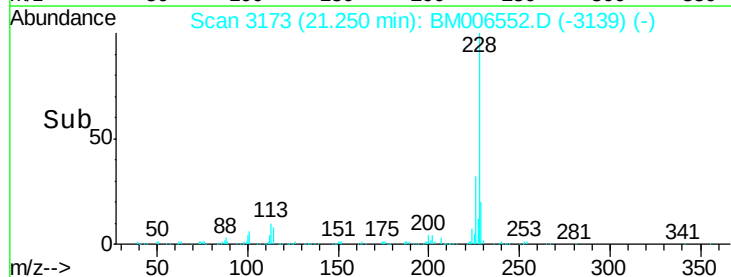
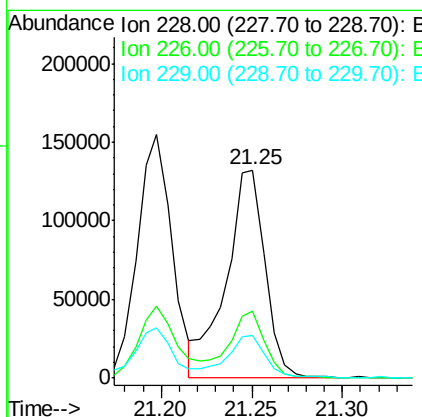
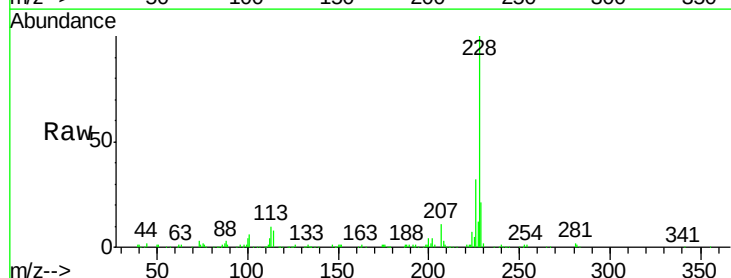
Manual Integrations

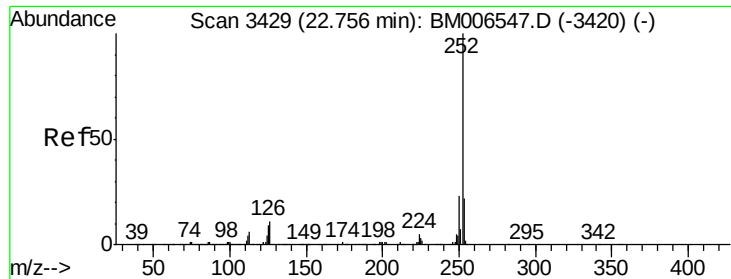
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#82
Chrysene
Concen: 3.81 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.3	34.9
229	20.6	15.8	23.8





#85

Benzo(b)fluoranthene

Concen: 3.81 ng/ul

RT: 22.75 min Scan# 3428

Delta R.T. -0.01 min

Lab File: BM006552.D

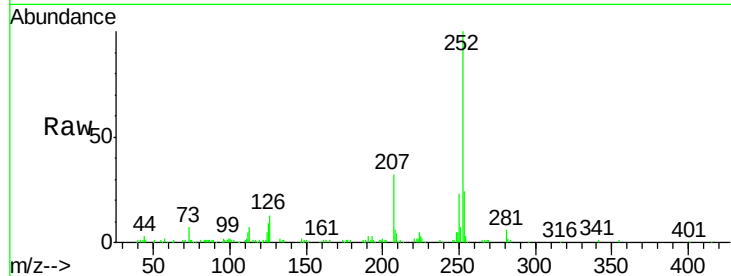
Acq: 20 Jul 2016 13:07

Instrument :

BNA_M

ClientSampleId :

BDJ23DL

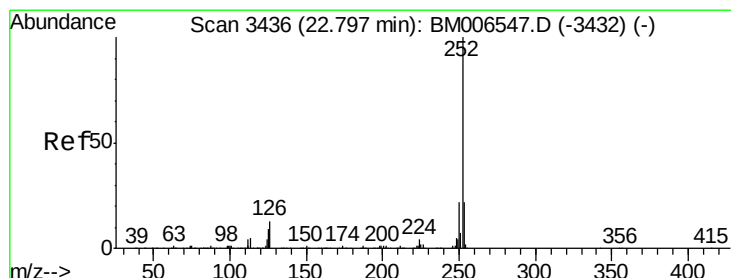
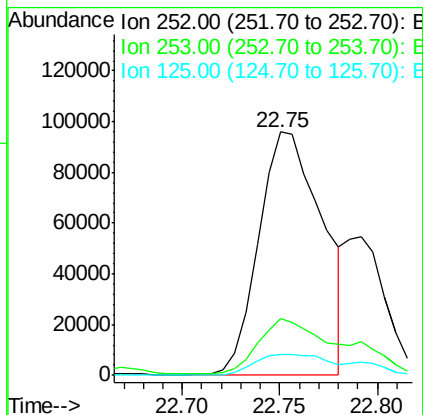
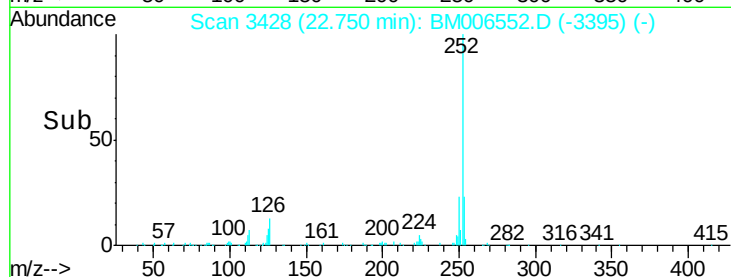


Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	8.8	6.7	10.1

Manual Integrations

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#86

Benzo(k)fluoranthene

Concen: 1.44 ng/ul m

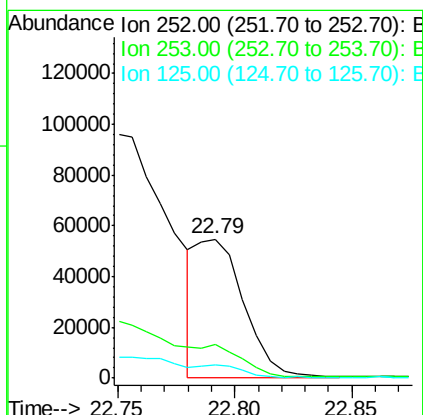
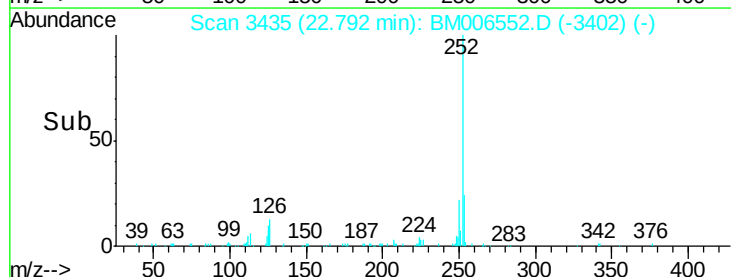
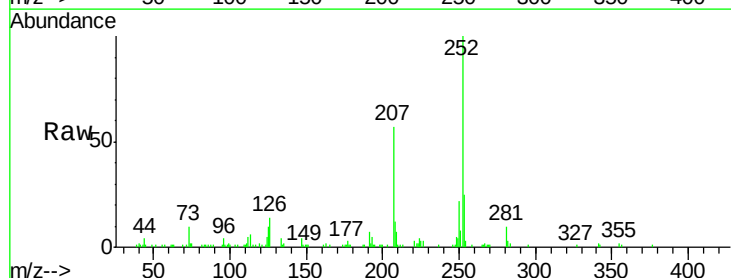
RT: 22.79 min Scan# 3435

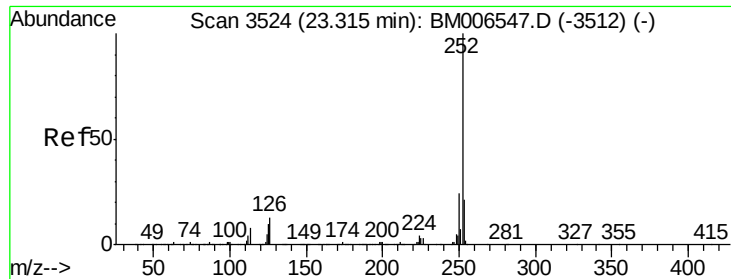
Delta R.T. -0.01 min

Lab File: BM006552.D

Acq: 20 Jul 2016 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.3	25.9
125	9.8	7.0	10.4





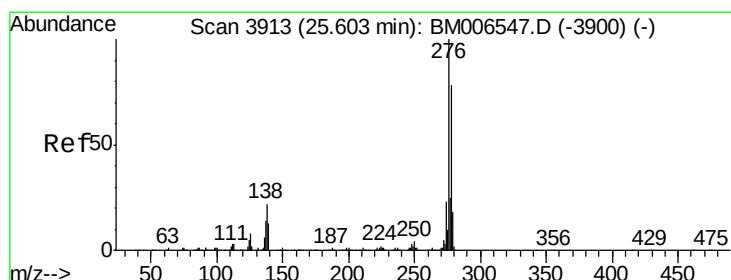
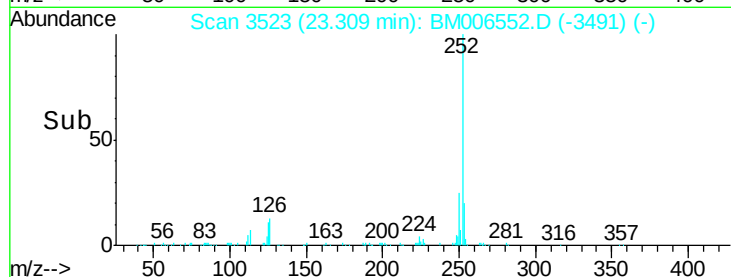
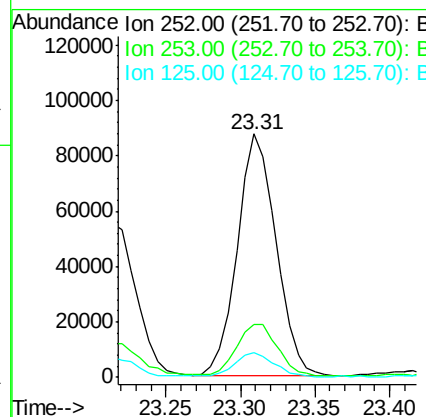
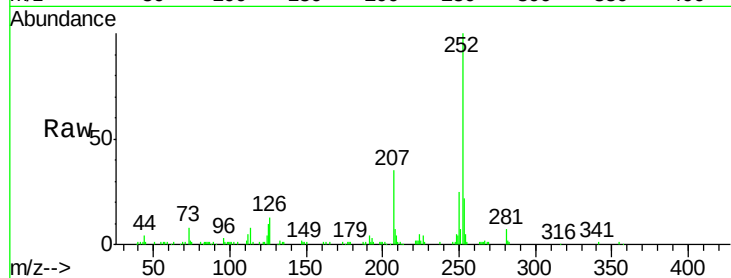
#88
Benzo(a)pyrene
Concen: 2.89 ng/ul
RT: 23.31 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Instrument :
BNA_M
ClientSampleId :
BDJ23DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.4	7.6	11.4

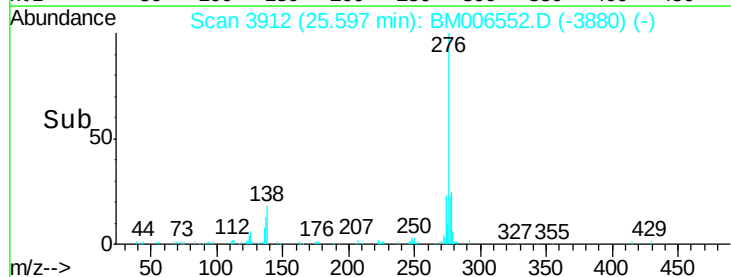
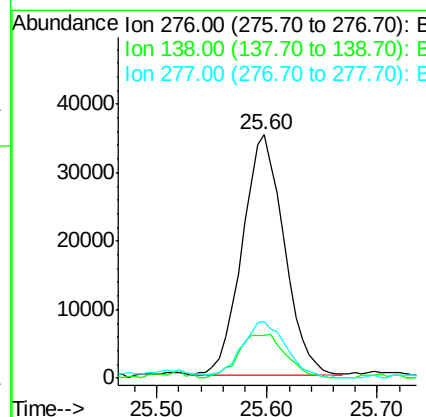
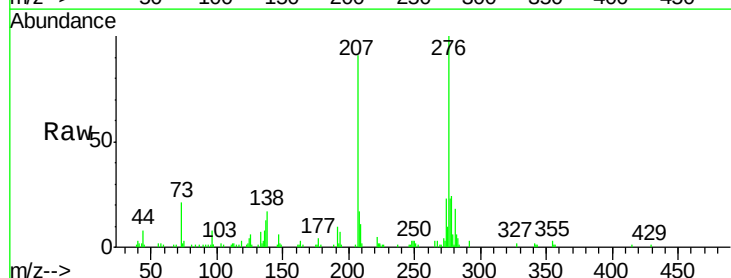
Manual Integrations

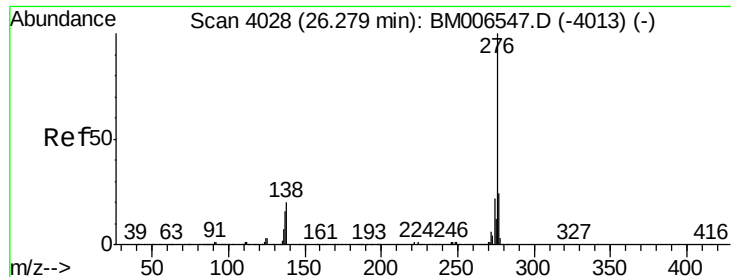
sohil
7/20/2016 7:48:16 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 1.47 ng/ul
RT: 25.60 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM006552.D
Acq: 20 Jul 2016 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	17.8	26.6#
277	23.1	20.1	30.1





#91
 Benzo(g,h,i)perylene
 Concen: 1.35 ng/ul
 RT: 26.27 min Scan# 4026
 Delta R.T. -0.01 min
 Lab File: BM006552.D
 Acq: 20 Jul 2016 13:07

Instrument :
 BNA_M
 ClientSampleId :
 BDJ23DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.0	22.4#
277	24.6	19.0	28.4

Manual Integrations

sohil
 7/20/2016 7:48:16 PM

