

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008305.D
 Acq On : 14 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H5976-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P1

Manual Integrations
 APPROVED

Sohil
 12/14/2016 6:58:09 PM

Quant Time: Dec 14 13:33:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 05:32:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	127729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	515008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	360416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	749185	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	934711	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	940692	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2547	0.94	ng/uL	0.00
5) Phenol-d5	6.87	99	49196	4.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	152974	26.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	157106	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	102215	13.32	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	120654	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	116924	28.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	199801	26.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	44191m	5.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	743547	31.03	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	841199	29.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	24698	7.00	ng/ul	0.02
57) Fluorene-d10	15.31	176	653069	31.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	118002	26.46	ng/ul	0.00
70) Anthracene-d10	17.16	188	1044863	32.01	ng/ul	0.00
76) Pyrene-d10	19.46	212	1201512	33.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1262198	31.95	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.51	128	28462721m	1167.52	ng/ul	
34) 2-Methylnaphthalene	12.13	142	9090209	516.02	ng/ul	99
47) Acenaphthylene	14.03	152	66267	2.30	ng/ul#	73
49) Acenaphthene	14.38	153	5127579	258.93	ng/ul	99
53) Dibenzofuran	14.72	168	4196050	145.37	ng/ul	98
58) Fluorene	15.37	166	2866878	120.93	ng/ul	99
69) Phenanthrene	17.11	178	1912121	49.80	ng/ul	99
71) Anthracene	17.20	178	127453m	3.27	ng/ul	
72) Carbazole	17.49	167	5559320	162.00	ng/ul	98
74) Fluoranthene	19.13	202	94077	2.00	ng/ul#	95

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

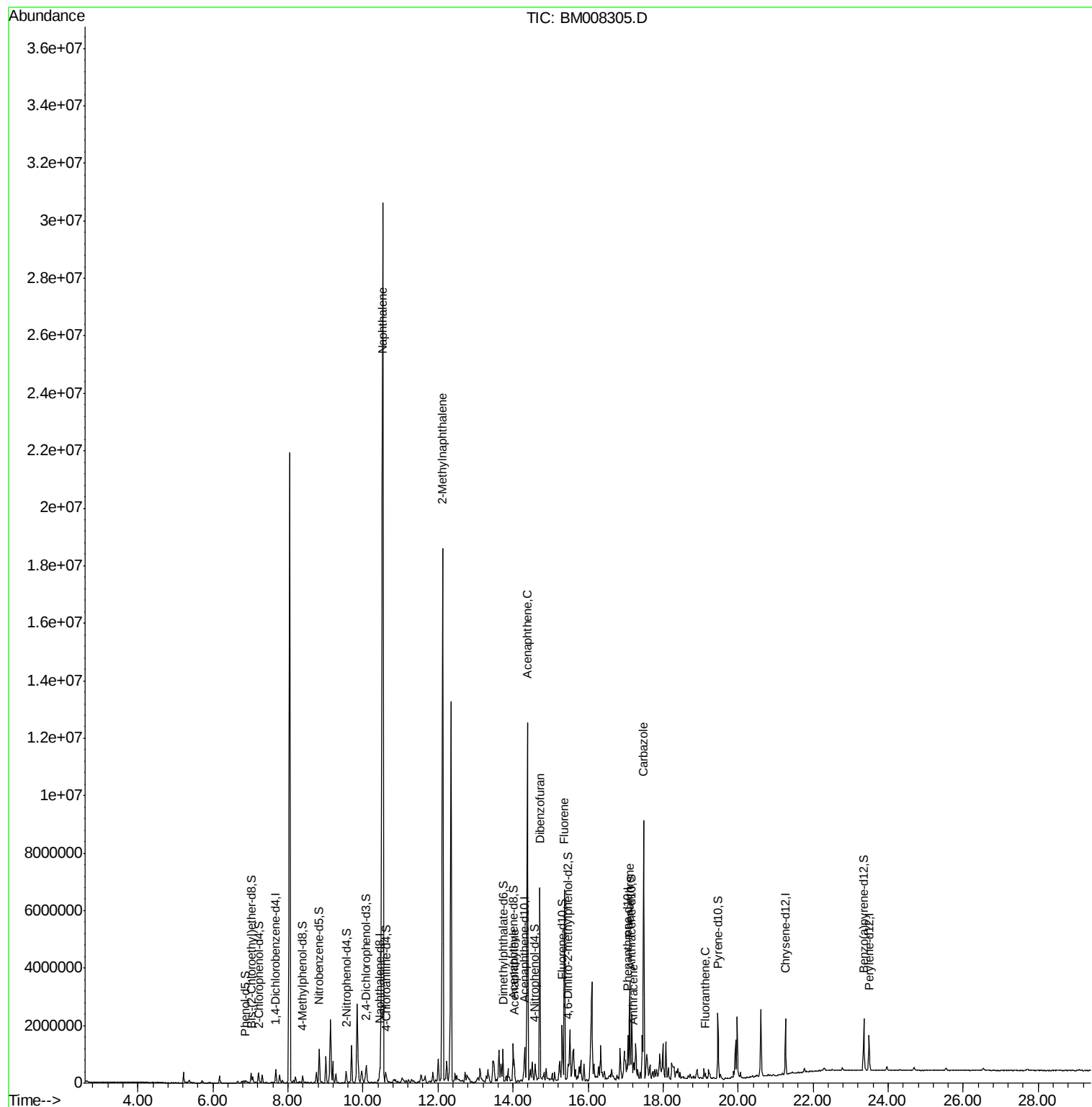
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008305.D
Acq On : 14 Dec 2016 12:18
Operator : UM/SJ
Sample : H5976-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

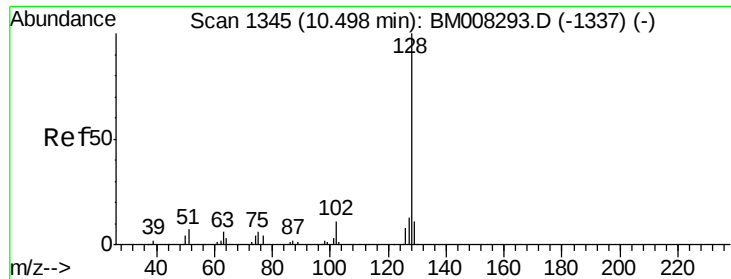
Instrument :
BNA_M
ClientSampleId :
DA8P1

Quant Time: Dec 14 13:33:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:32:31 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
12/14/2016 6:58:09 PM





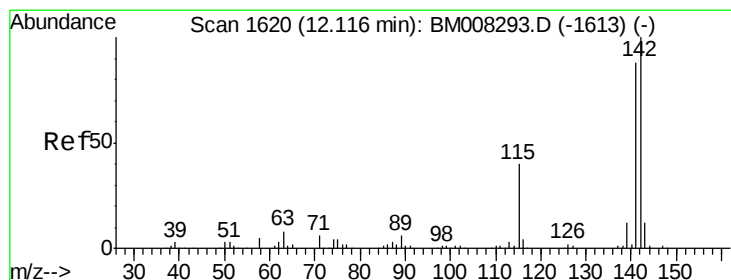
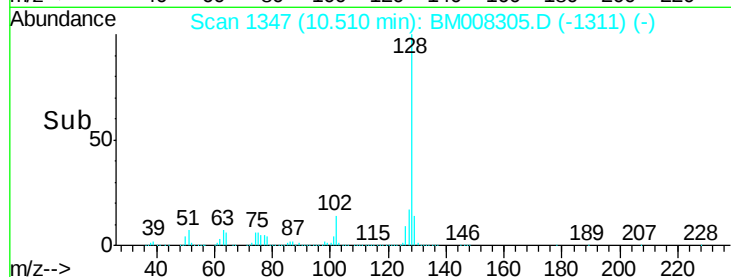
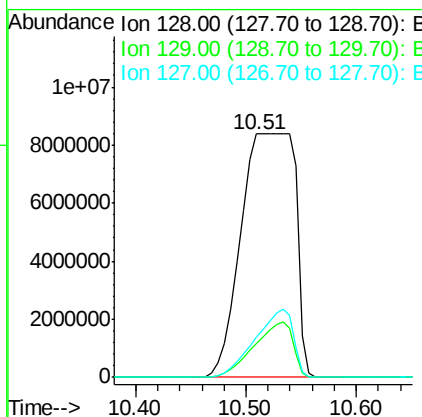
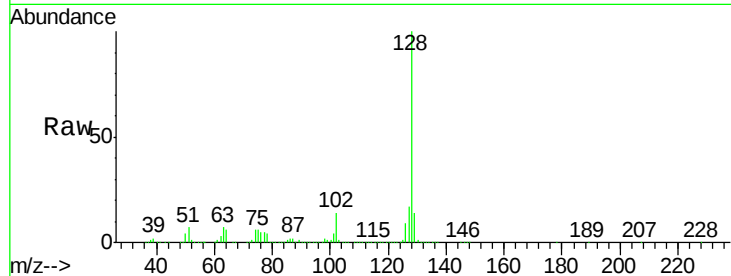
#28
Naphthalene
Concen: 1167.52 ng/ul m
RT: 10.51 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Instrument :
BNA_M
ClientSampled :
DA8P1

Tgt Ion:128 Resp:28462721
Ion Ratio Lower Upper
128 100
129 14.0 8.4 12.6#
127 16.6 10.4 15.6#

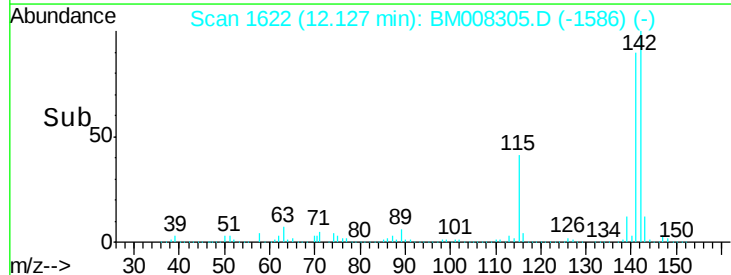
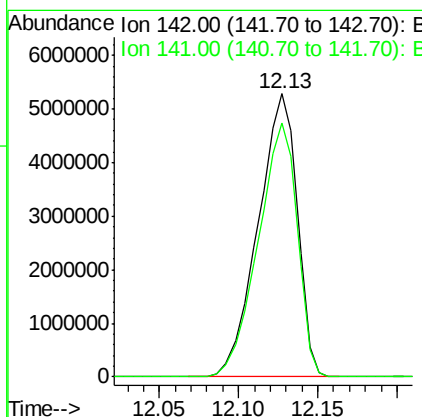
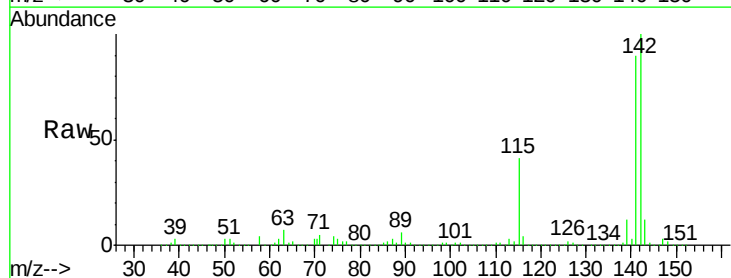
Manual Integrations
APPROVED

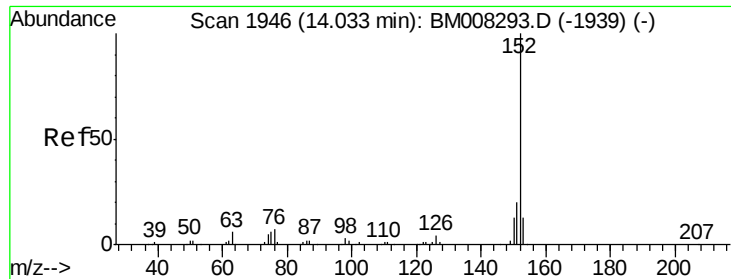
Sohil
12/14/2016 6:58:09 PM



#34
2-Methylnaphthalene
Concen: 516.02 ng/ul
RT: 12.13 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Tgt Ion:142 Resp: 9090209
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





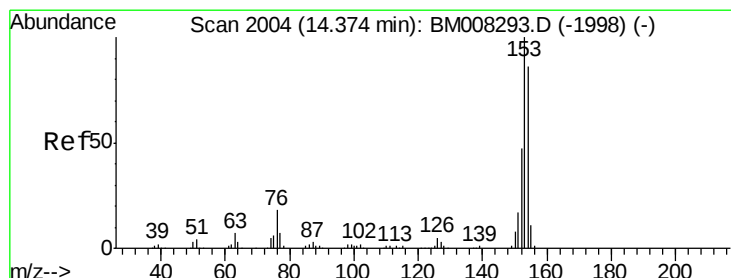
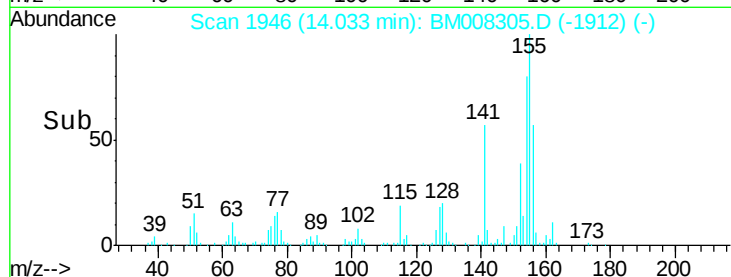
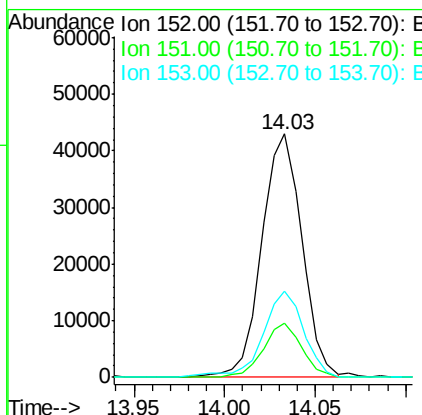
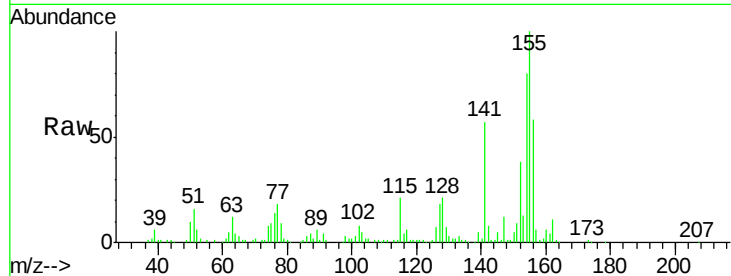
#47
Acenaphthylene
Concen: 2.30 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Instrument :
BNA_M
ClientSampled :
DA8P1

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.3	22.9
153	35.2	9.9	14.9

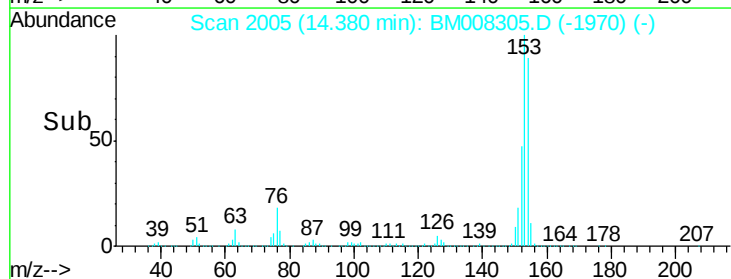
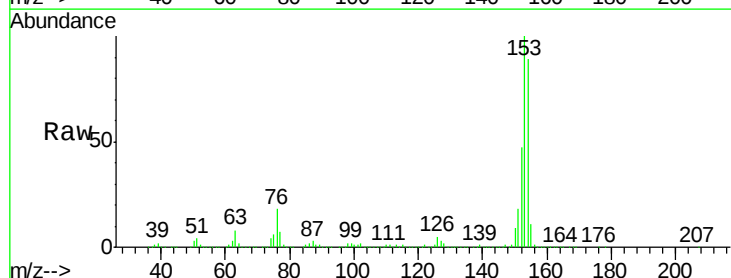
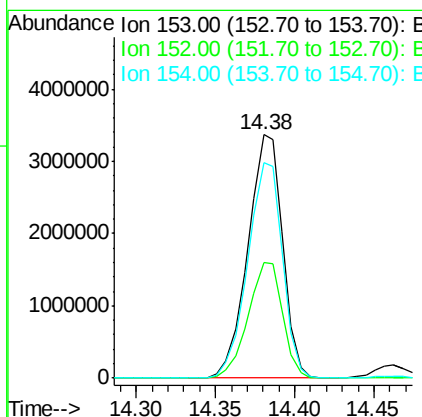
Manual Integrations
APPROVED

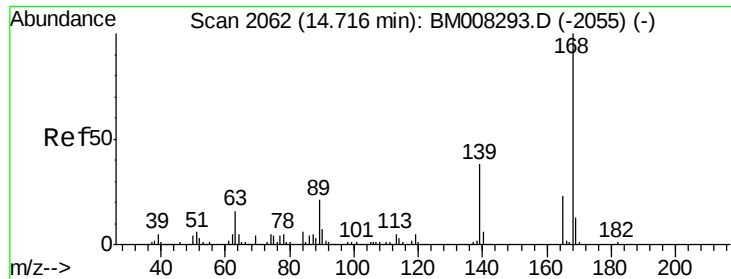
Sohil
12/14/2016 6:58:09 PM



#49
Acenaphthene
Concen: 258.93 ng/ul
RT: 14.38 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	36.6	54.8
154	88.7	71.4	107.2





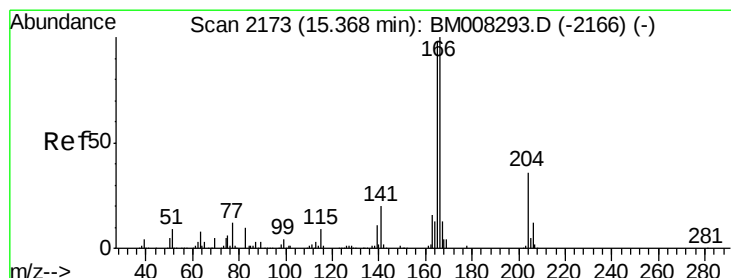
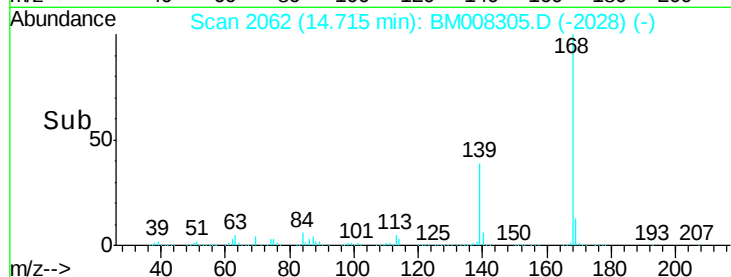
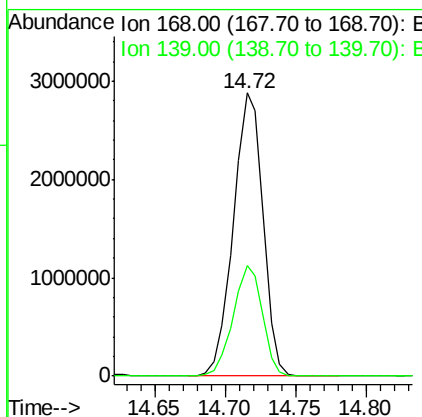
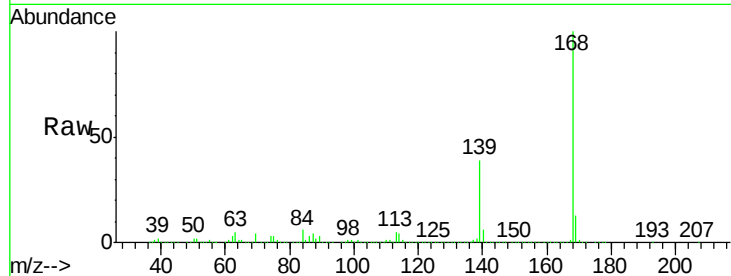
#53
Dibenzenofuran
Concen: 145.37 ng/ul
RT: 14.72 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Instrument :
BNA_M
ClientSampleId :
DA8P1

Tgt Ion:168 Resp: 4196050
Ion Ratio Lower Upper
168 100
139 39.2 30.5 45.7

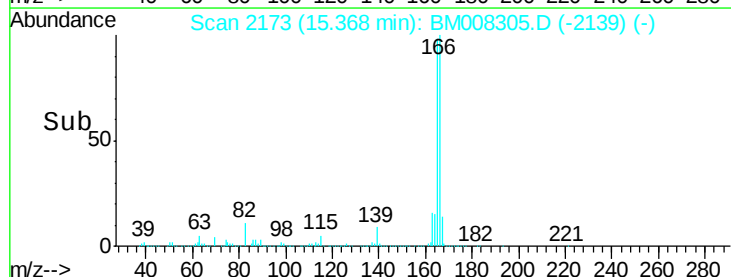
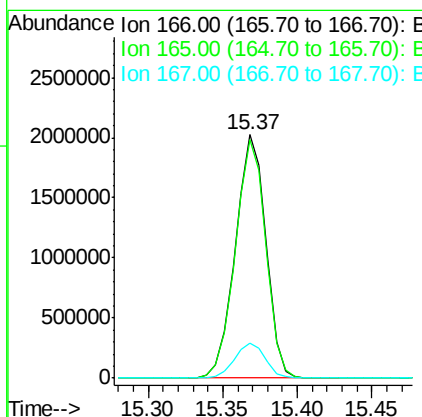
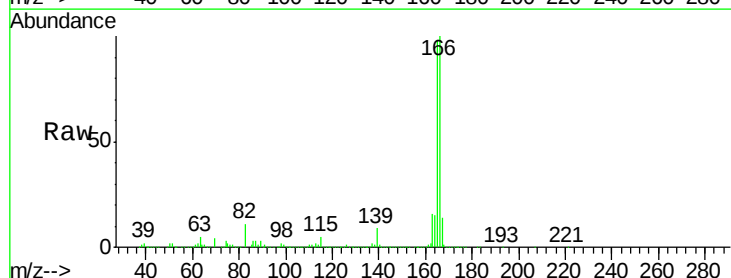
Manual Integrations
APPROVED

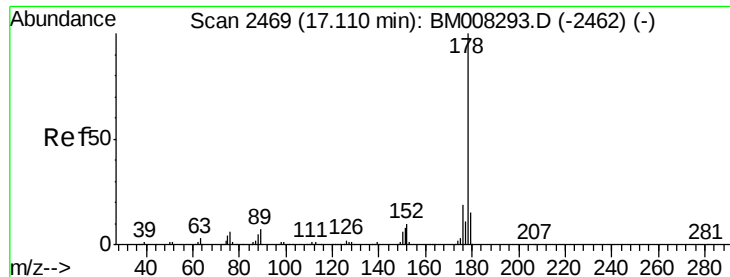
Sohil
12/14/2016 6:58:09 PM



#58
Fluorene
Concen: 120.93 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Tgt Ion:166 Resp: 2866878
Ion Ratio Lower Upper
166 100
165 98.1 79.3 118.9
167 14.3 10.7 16.1





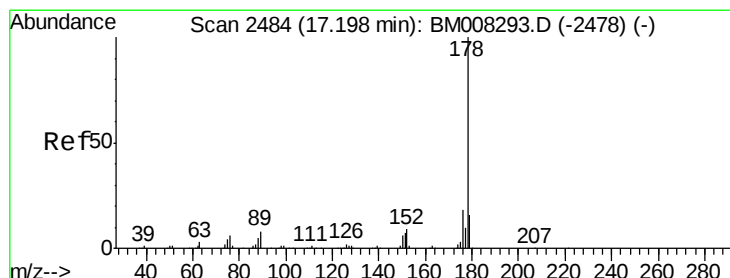
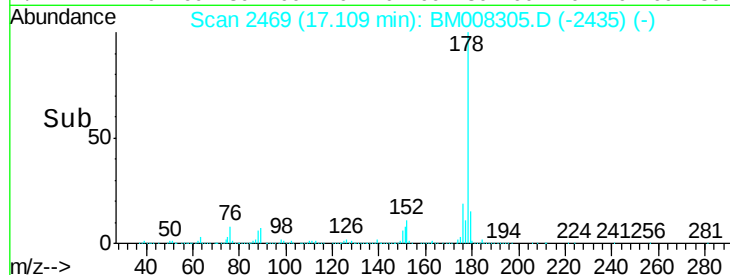
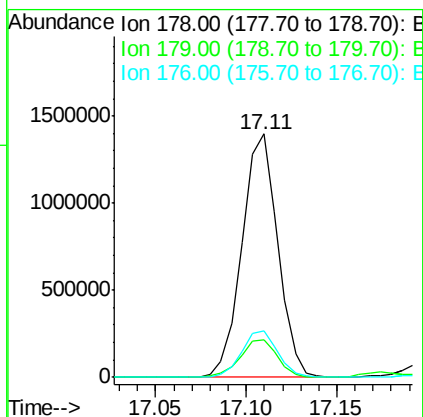
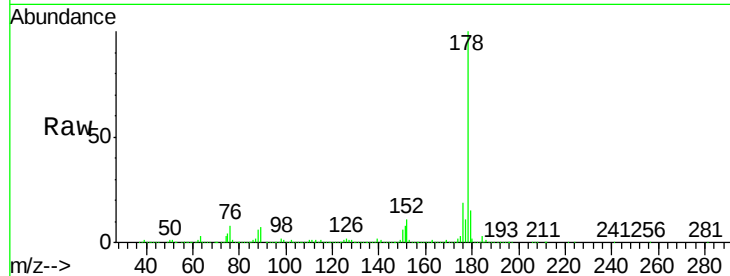
#69
Phenanthrene
Concen: 49.80 ng/ul
RT: 17.11 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Instrument :
BNA_M
ClientSampled :
DA8P1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.9	14.6	21.8

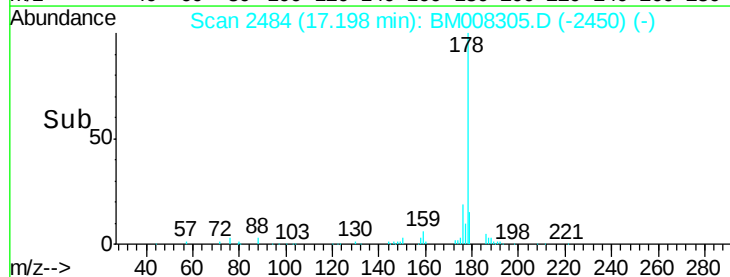
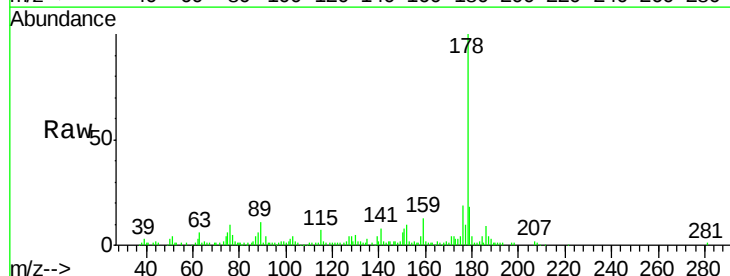
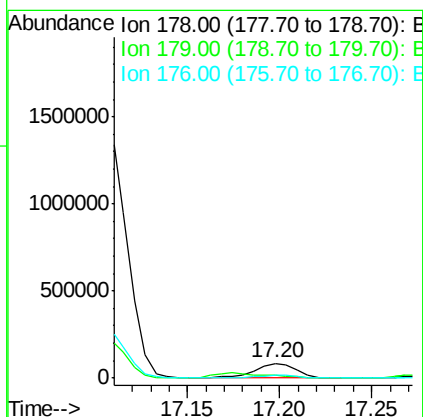
Manual Integrations
APPROVED

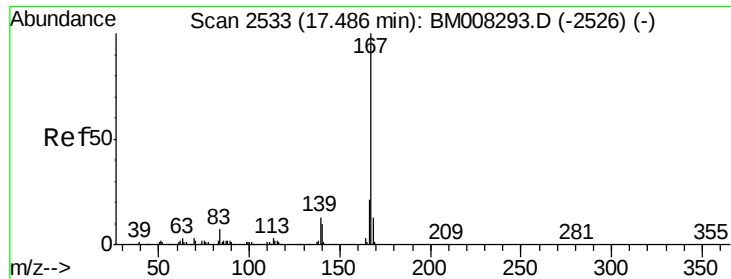
Sohil
12/14/2016 6:58:09 PM



#71
Anthracene
Concen: 3.27 ng/ul m
RT: 17.20 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BM008305.D
Acq: 14 Dec 2016 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.1	18.1#
176	19.4	14.3	21.5





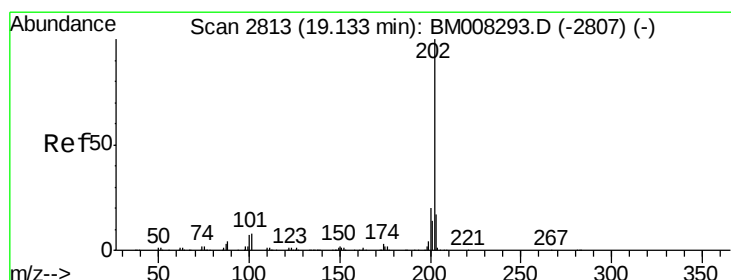
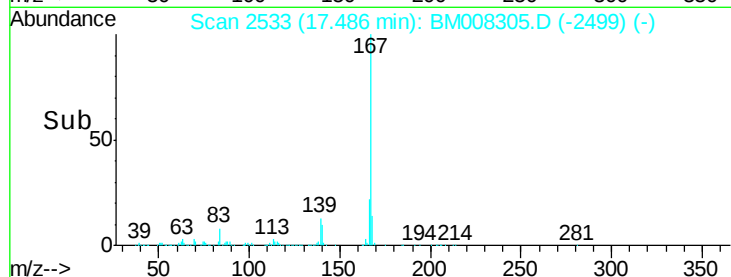
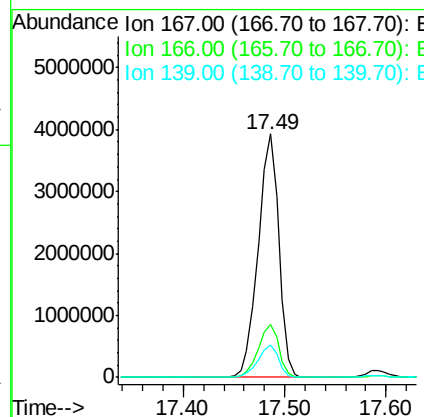
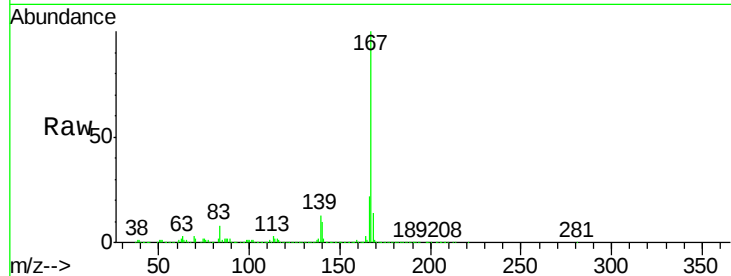
#72
 Carbazole
 Concen: 162.00 ng/ul
 RT: 17.49 min Scan# 2533
 Delta R.T. -0.00 min
 Lab File: BM008305.D
 Acq: 14 Dec 2016 12:18

Instrument :
 BNA_M
 ClientSampleId :
 DA8P1

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.4	24.6
139	13.1	10.2	15.4

Manual Integrations
 APPROVED

Sohil
 12/14/2016 6:58:09 PM



#74
 Fluoranthene
 Concen: 2.00 ng/ul
 RT: 19.13 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BM008305.D
 Acq: 14 Dec 2016 12:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.6	10.0
100	8.6	5.3	7.9#

