

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008826.D
 Acq On : 24 Jan 2017 05:55
 Operator : UM/SJ
 Sample : I1323-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R6

Manual Integrations
 APPROVED

mohammad
 1/24/2017 5:17:50 PM

Quant Time: Jan 24 11:06:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	78391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	363885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	308861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	640998	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	709966	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	615563	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2199	1.39	ng/uL	0.01
5) Phenol-d5	7.09	99	39565	5.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	175247	33.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	113455	26.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	85613	16.47	ng/ul	0.01
19) Nitrobenzene-d5	9.10	128	79439	34.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	98047	34.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	189685	32.19	ng/ul	0.01
29) 4-Chloroaniline-d4	10.89	131	350	0.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	765423	37.82	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	949892	39.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	532	0.16	ng/ul	-0.02
57) Fluorene-d10	15.57	176	690228	35.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.42	188	1126610	40.19	ng/ul	0.00
76) Pyrene-d10	19.70	212	1267122	40.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1031620	39.57	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.12	94	114921	15.88	ng/ul#	49
21) Isophorone	9.67	82	71779	4.36	ng/ul#	91
28) Naphthalene	10.81	128	9775655	581.89	ng/ul	100
34) 2-Methylnaphthalene	12.40	142	698892	51.24	ng/ul	98
38) 2,4,6-Trichlorophenol	13.01	196	6074	1.06	ng/ul	96
39) 2,4,5-Trichlorophenol	13.08	196	564064	91.71	ng/ul	98
40) 1,1'-Biphenyl	13.40	154	135965	7.12	ng/ul#	95
49) Acenaphthene	14.63	153	332619	20.50	ng/ul#	44
53) Dibenzofuran	14.97	168	946924	37.94	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.20	232	27255	4.41	ng/ul#	78
58) Fluorene	15.62	166	677843	32.51	ng/ul	98
68) Pentachlorophenol	16.97	266	169140	34.13	ng/ul	95
69) Phenanthrene	17.36	178	931824	29.51	ng/ul	97
71) Anthracene	17.45	178	41151m	1.27	ng/ul	
72) Carbazole	17.73	167	1093946	38.63	ng/ul#	96
74) Fluoranthene	19.37	202	50418	1.23	ng/ul#	95

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

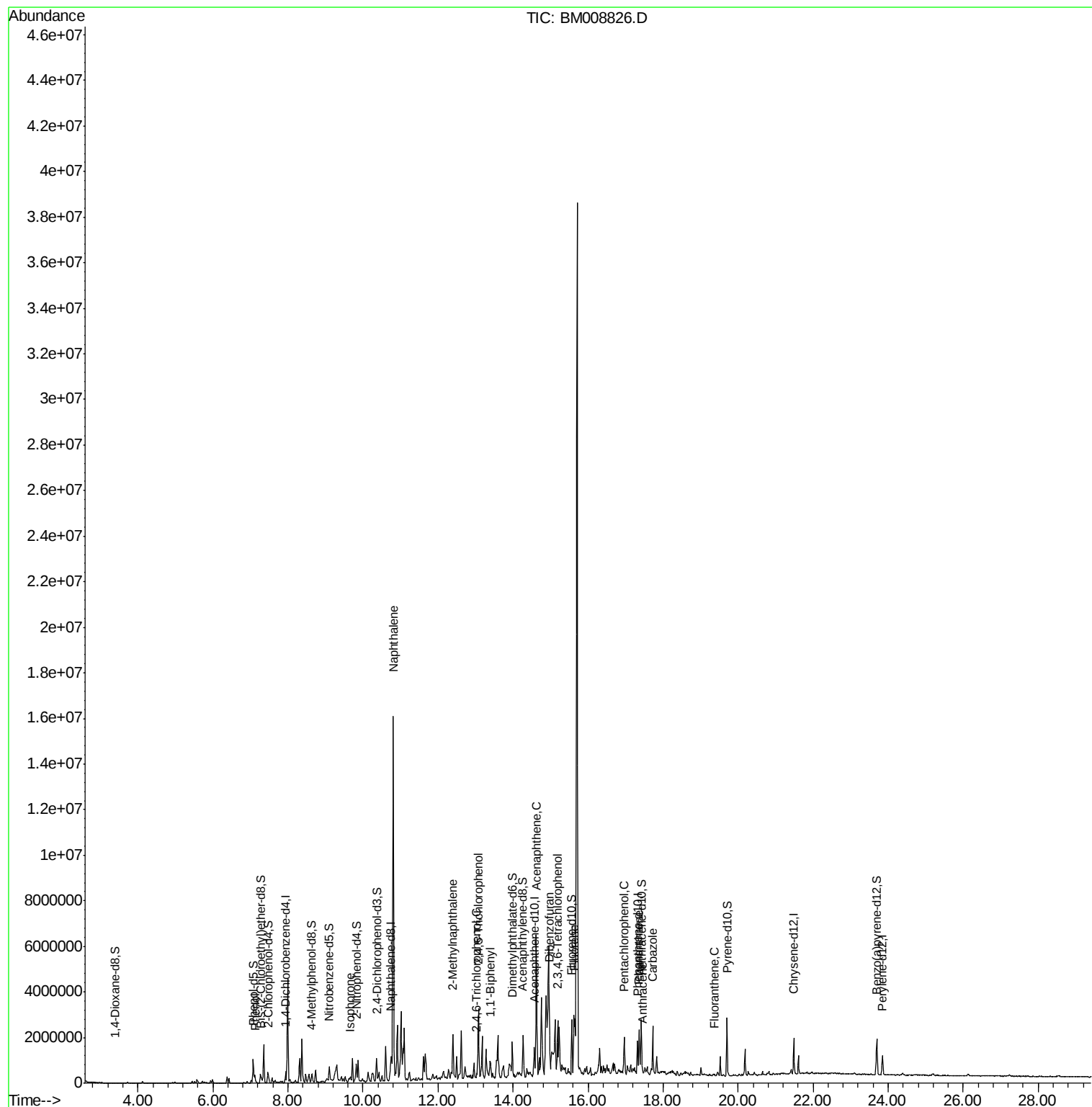
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008826.D
Acq On : 24 Jan 2017 05:55
Operator : UM/SJ
Sample : I1323-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

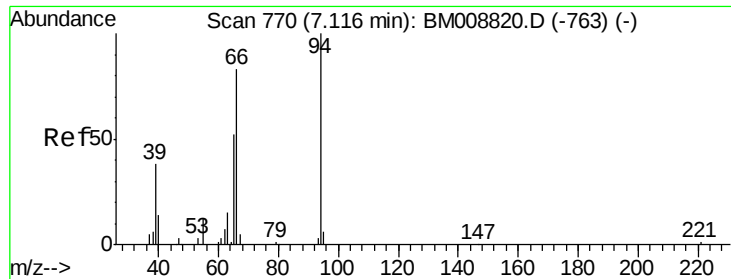
Instrument :
BNA_M
ClientSampleId :
DA9R6

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:50 PM

Quant Time: Jan 24 11:06:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration





#6

Phenol

Concen: 15.88 ng/ul

RT: 7.12 min Scan# 770

Delta R.T. 0.00 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Instrument :

BNA_M

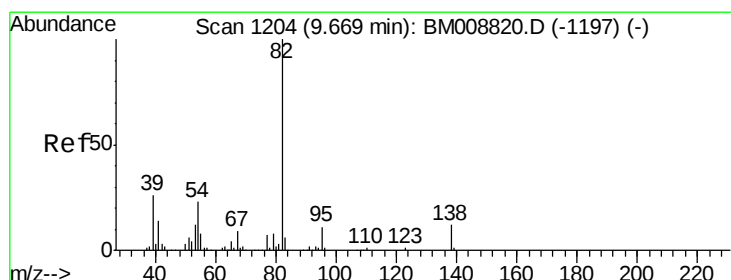
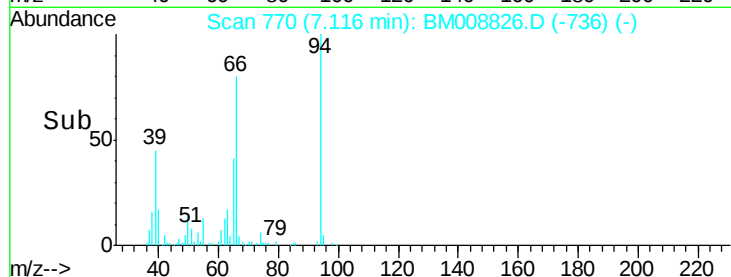
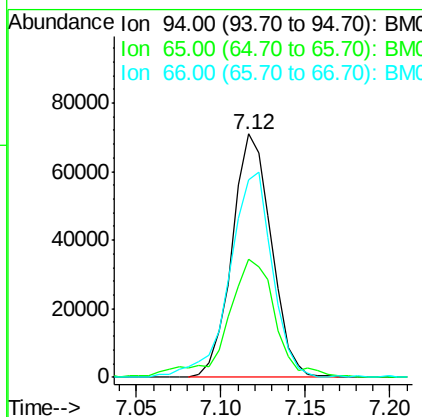
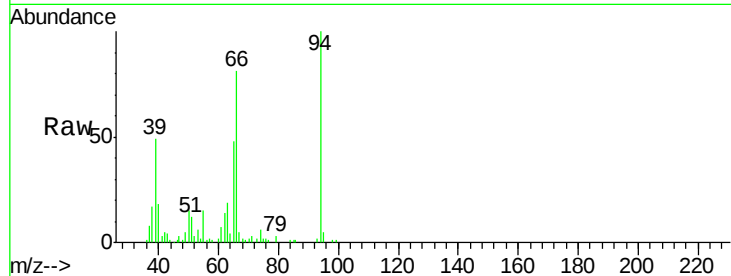
ClientSampleId :

DA9R6

Tgt Ion:	94	Resp:	114921
Ion	Ratio	Lower	Upper
94	100		
65	48.4	23.1	34.7#
66	81.0	33.7	50.5#

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:50 PM



#21

Isophorone

Concen: 4.36 ng/ul

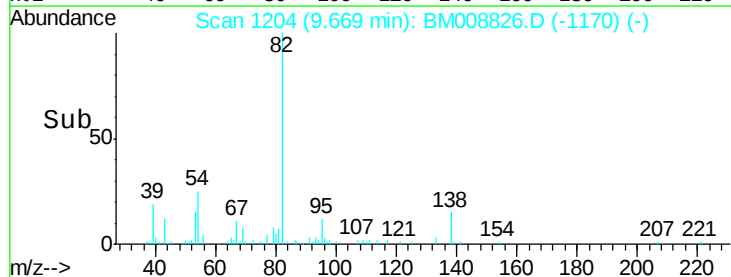
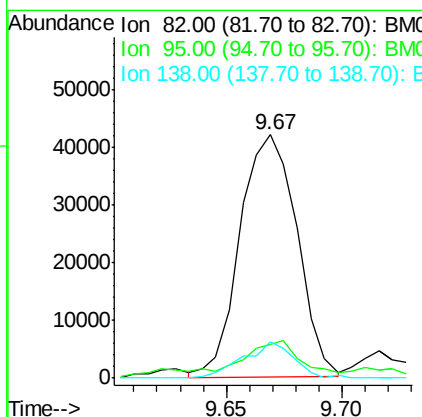
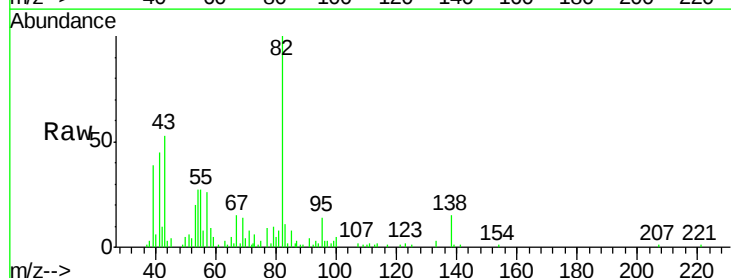
RT: 9.67 min Scan# 1204

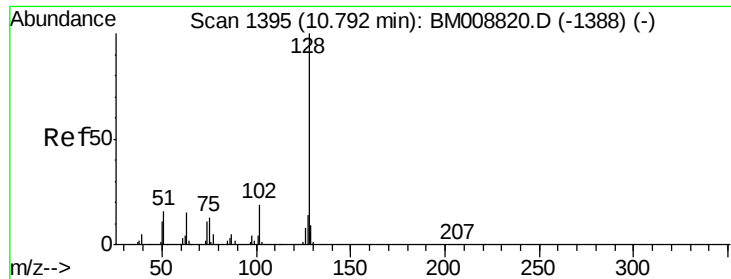
Delta R.T. 0.00 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Tgt Ion:	82	Resp:	71779
Ion	Ratio	Lower	Upper
82	100		
95	13.6	6.1	9.1#
138	14.7	13.4	20.2





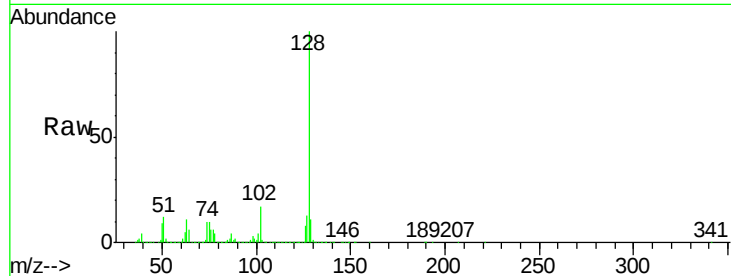
#28
Naphthalene
Concen: 581.89 ng/ul
RT: 10.81 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BM008826.D
Acq: 24 Jan 2017 05:55

Instrument :
BNA_M
ClientSampleId :
DA9R6

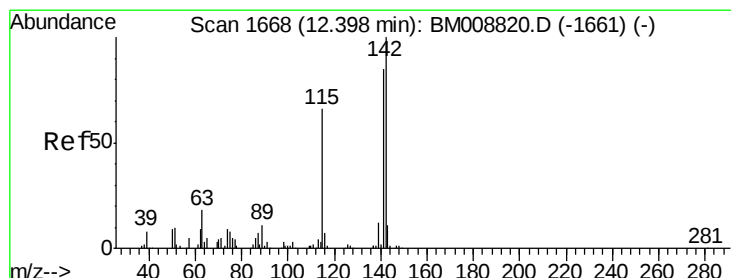
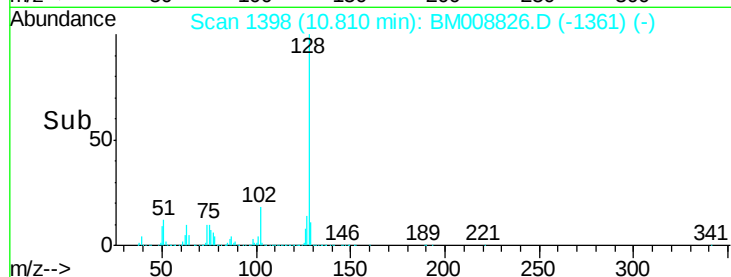
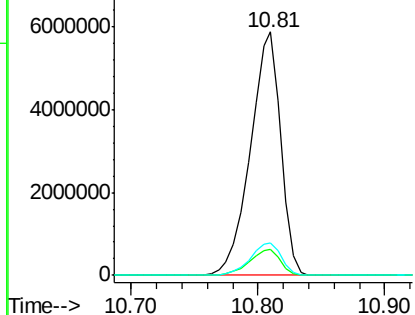
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	13.4	10.6	16.0

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:50 PM

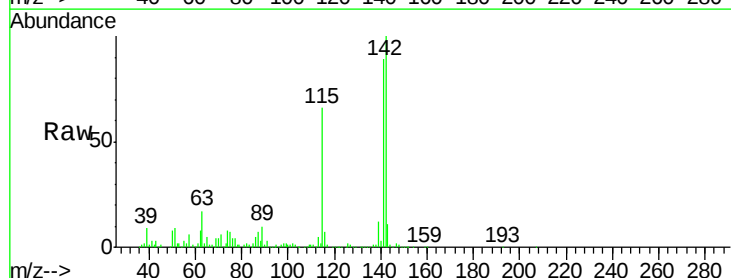


Abundance Ion 128.00 (127.70 to 128.70): E
8000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

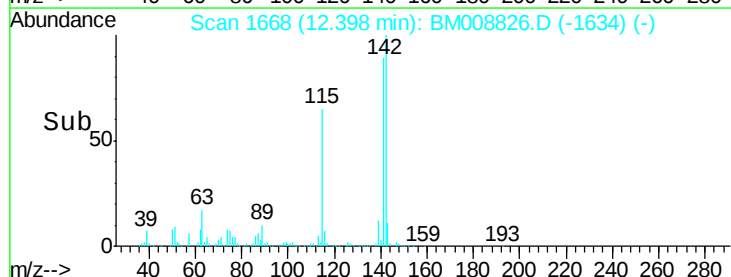
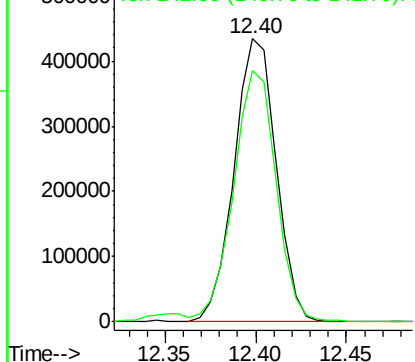


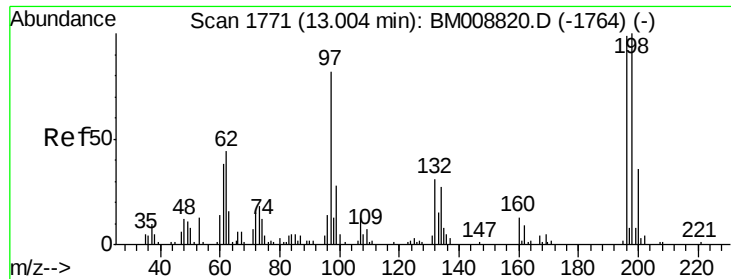
#34
2-Methylnaphthalene
Concen: 51.24 ng/ul
RT: 12.40 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BM008826.D
Acq: 24 Jan 2017 05:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.0	109.4



Abundance Ion 142.00 (141.70 to 142.70): E
500000
Ion 141.00 (140.70 to 141.70): E





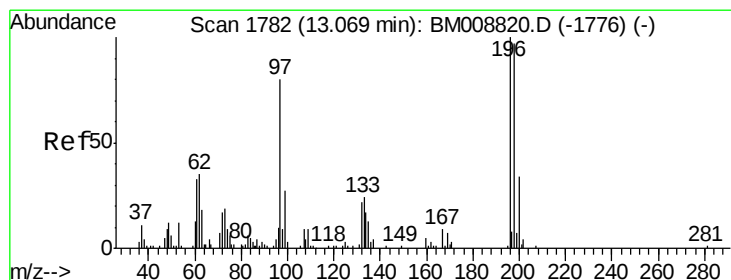
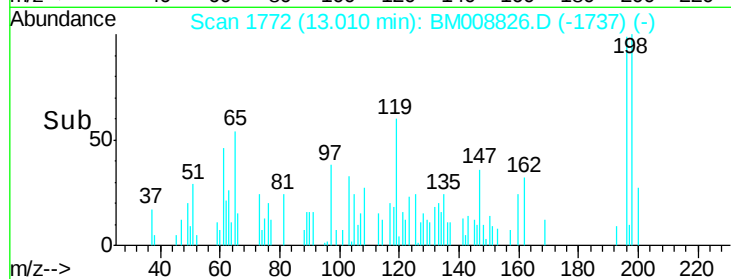
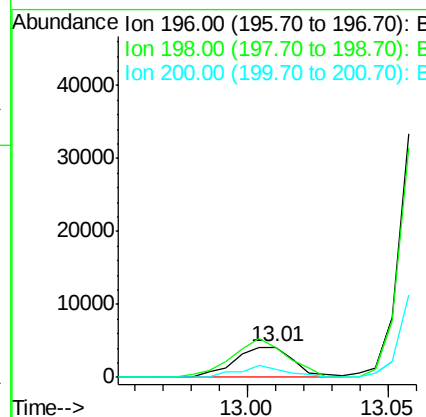
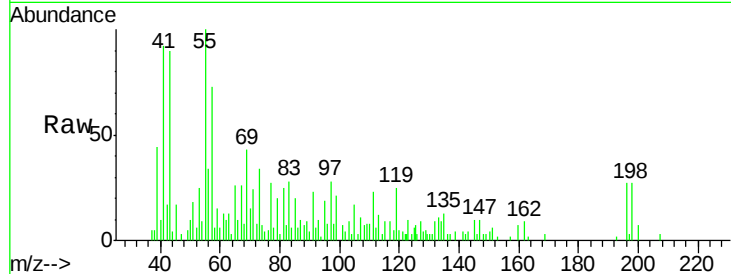
#38
 2,4,6-Trichlorophenol
 Concen: 1.06 ng/ul
 RT: 13.01 min Scan# 1772
 Delta R.T. 0.01 min
 Lab File: BM008826.D
 Acq: 24 Jan 2017 05:55

Instrument :
 BNA_M
 ClientSampled :
 DA9R6

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	6074		
198	101.4	78.8	118.2	
200	27.3	25.7	38.5	

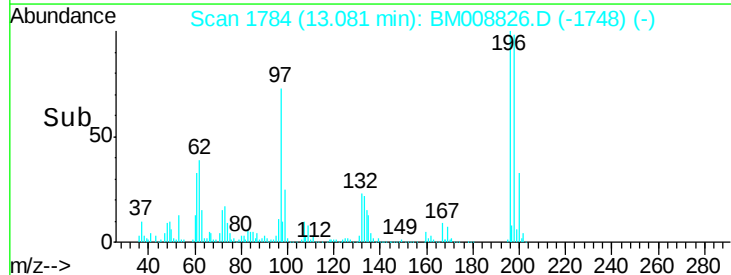
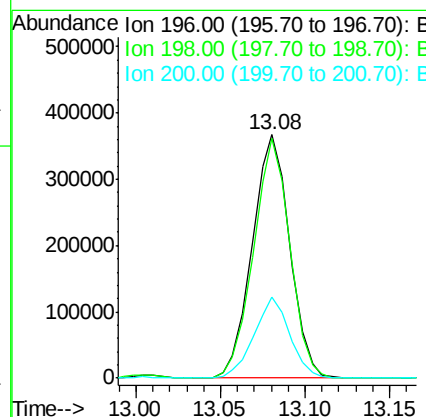
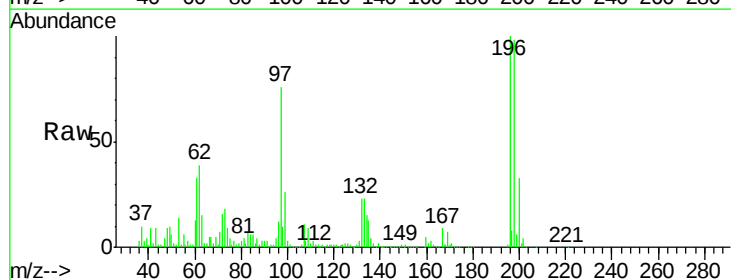
Manual Integrations
 APPROVED

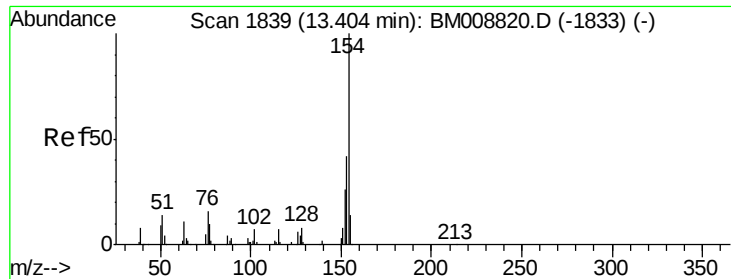
mohammad
 1/24/2017 5:17:50 PM



#39
 2,4,5-Trichlorophenol
 Concen: 91.71 ng/ul
 RT: 13.08 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BM008826.D
 Acq: 24 Jan 2017 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	564064		
198	98.2	77.8	116.6	
200	33.3	23.6	35.4	





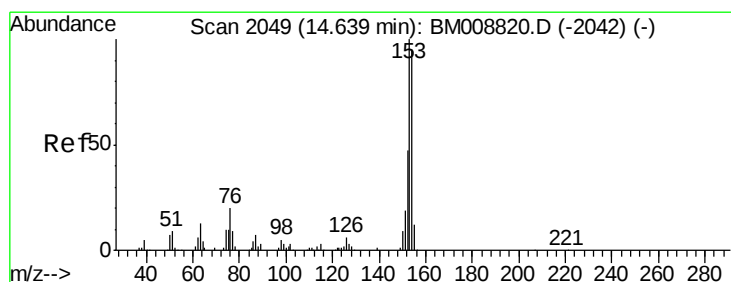
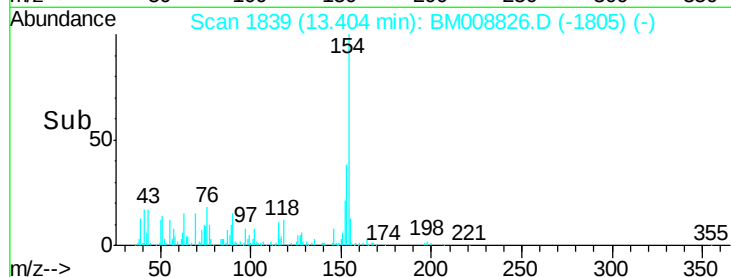
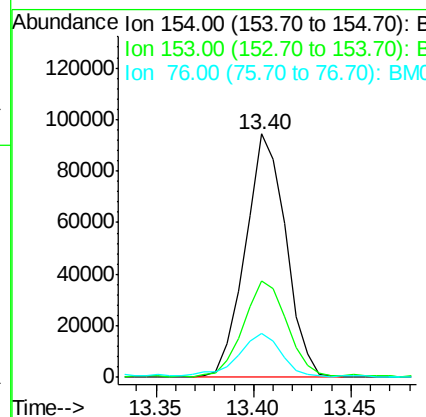
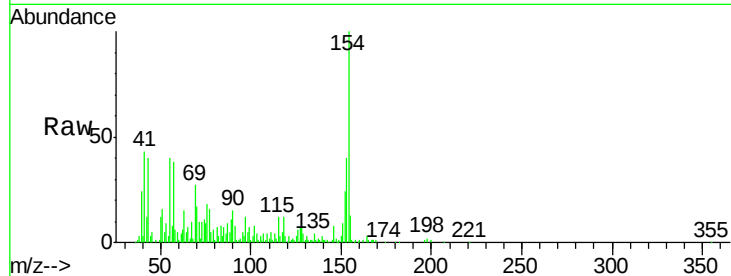
#40
 1,1'-Biphenyl
 Concen: 7.12 ng/ul
 RT: 13.40 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BM008826.D
 Acq: 24 Jan 2017 05:55

Instrument :
 BNA_M
 ClientSampleId :
 DA9R6

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.6	32.2	48.4
76	18.3	9.8	14.6

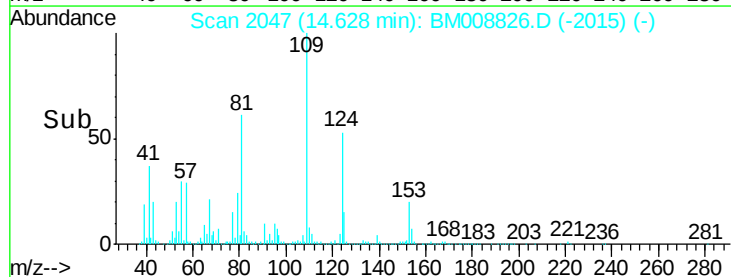
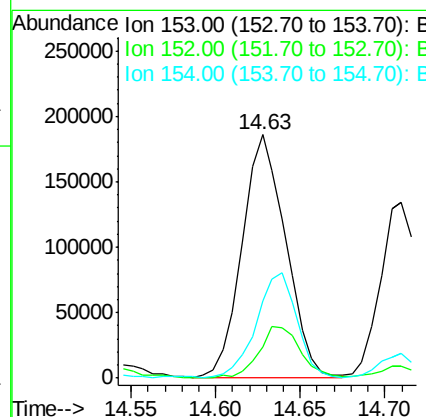
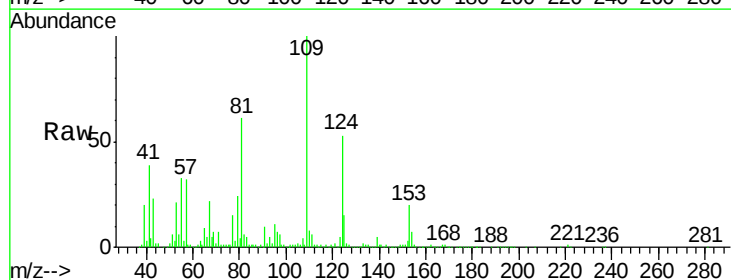
Manual Integrations
 APPROVED

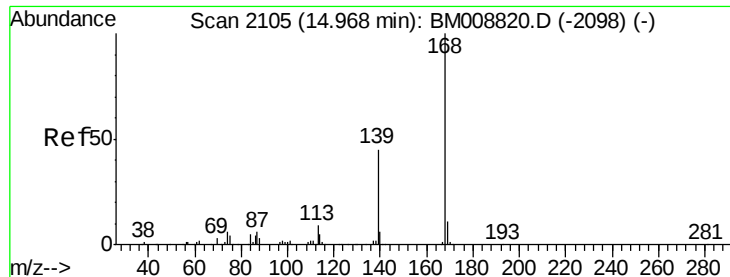
mohammad
 1/24/2017 5:17:50 PM



#49
 Acenaphthene
 Concen: 20.50 ng/ul
 RT: 14.63 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BM008826.D
 Acq: 24 Jan 2017 05:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
153	100		
152	12.8	36.4	54.6
154	31.9	68.7	103.1





#53

Dibenzofuran

Concen: 37.94 ng/ul

RT: 14.97 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Instrument :

BNA_M

ClientSampleId :

DA9R6

Tgt Ion:168 Resp: 946924

Ion Ratio Lower Upper

168 100

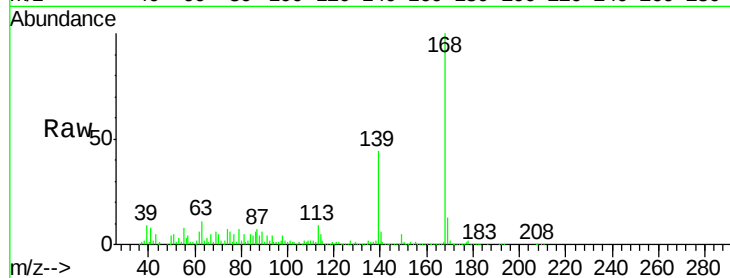
139 44.5 30.3 45.5

Manual Integrations

APPROVED

mohammad

1/24/2017 5:17:50 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.97

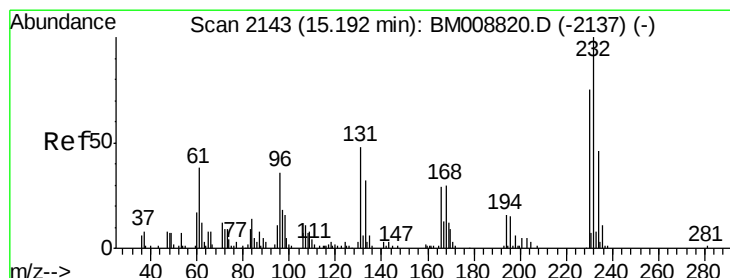
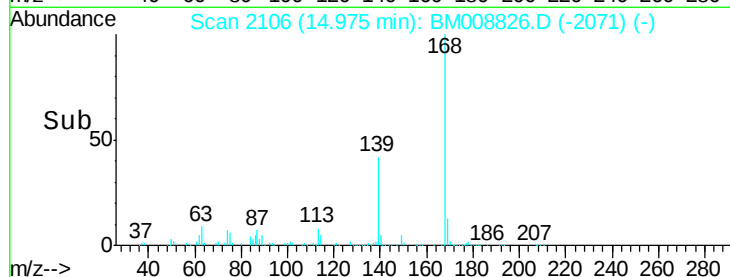
600000

400000

200000

0

Time--> 14.90 14.95 15.00



#55

2,3,4,6-Tetrachlorophenol

Concen: 4.41 ng/ul

RT: 15.20 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Tgt Ion:232 Resp: 27255

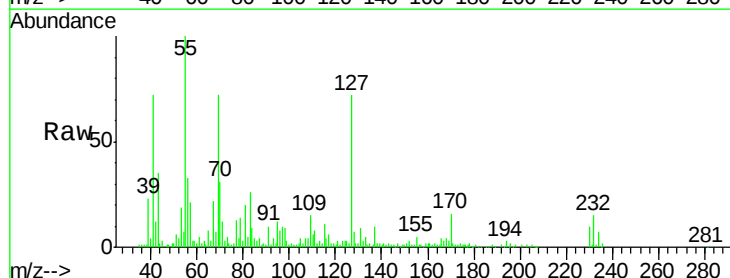
Ion Ratio Lower Upper

232 100

131 61.2 31.8 47.8#

130 13.0 1.8 2.6#

166 27.7 21.6 32.4



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

40000

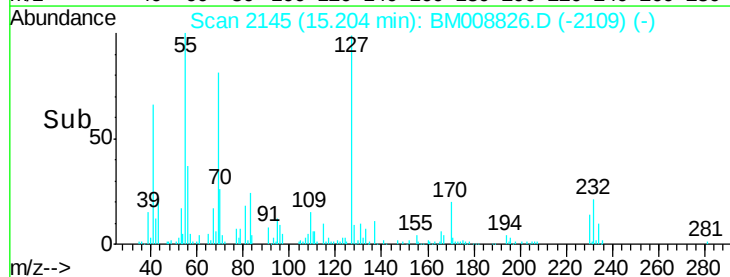
30000

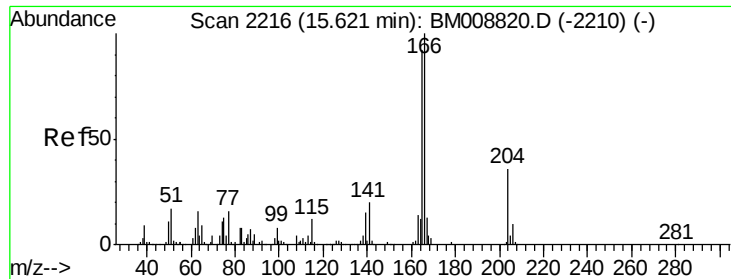
20000

10000

0

Time--> 15.20 15.25





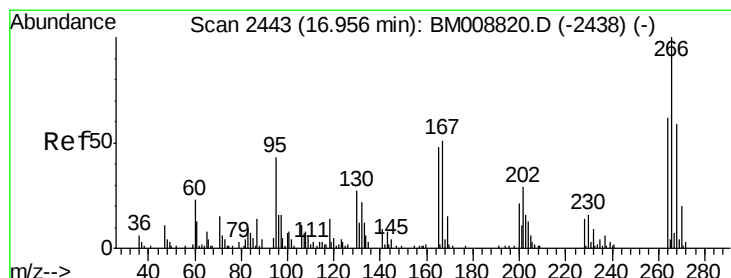
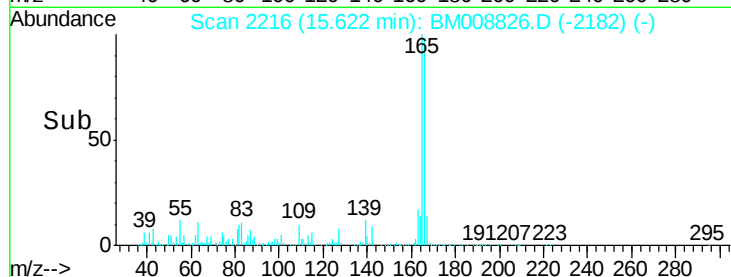
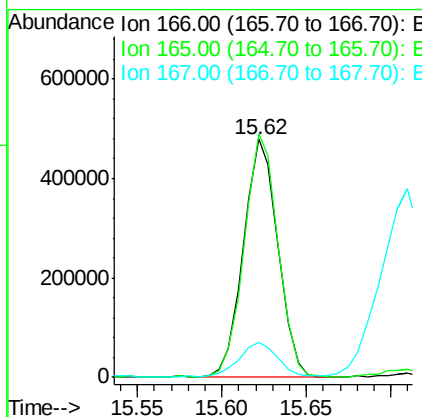
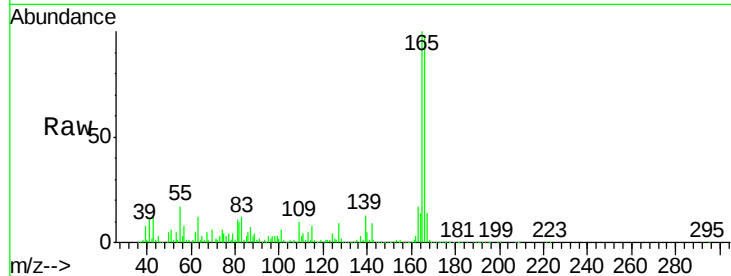
#58
 Fluorene
 Concen: 32.51 ng/ul
 RT: 15.62 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BM008826.D
 Acq: 24 Jan 2017 05:55

Instrument :
 BNA_M
 ClientSampleId :
 DA9R6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.2	120.2
167	14.8	10.9	16.3

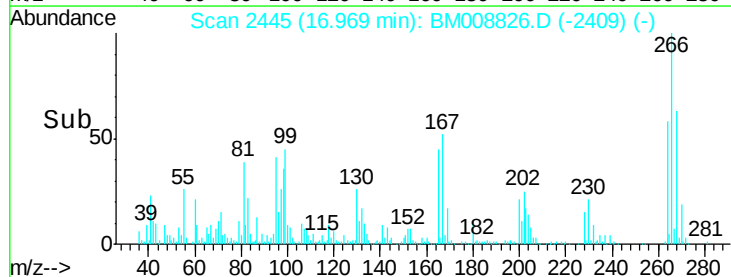
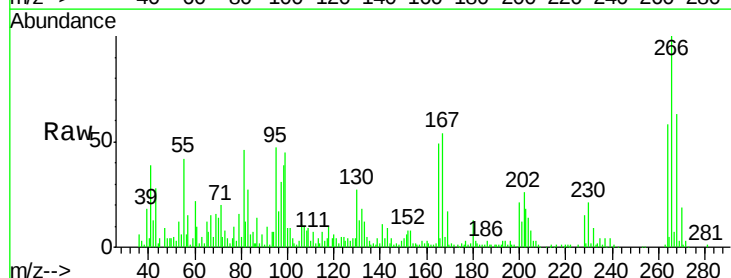
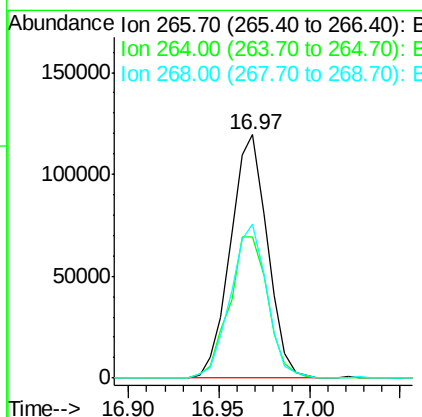
Manual Integrations
 APPROVED

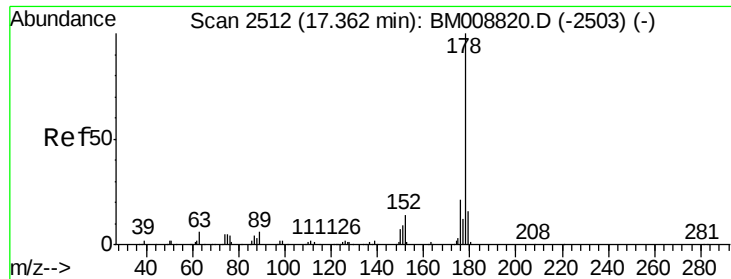
mohammad
 1/24/2017 5:17:50 PM



#68
 Pentachlorophenol
 Concen: 34.13 ng/ul
 RT: 16.97 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BM008826.D
 Acq: 24 Jan 2017 05:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.9	50.6	75.8
268	63.1	49.1	73.7





#69

Phenanthrene

Concen: 29.51 ng/ul

RT: 17.36 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Instrument :

BNA_M

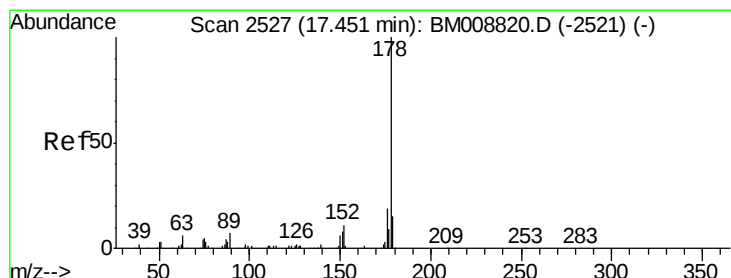
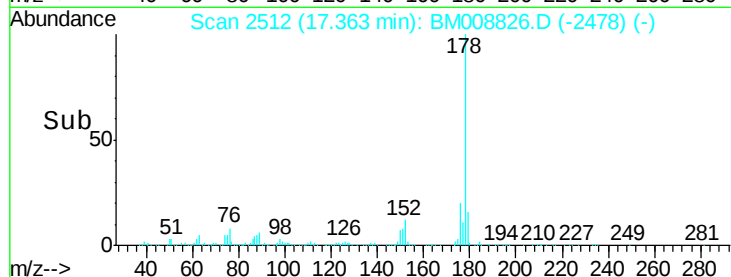
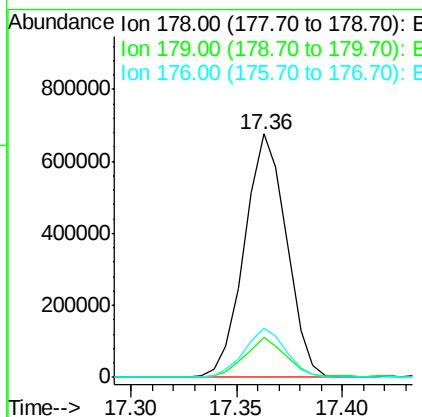
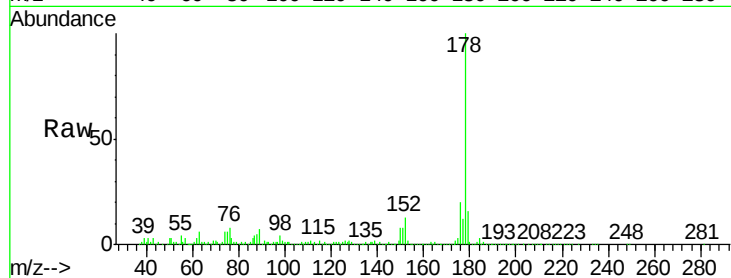
ClientSampleId :

DA9R6

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	931824		
179	16.3	12.2	18.2	
176	20.0	14.7	22.1	

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:50 PM



#71

Anthracene

Concen: 1.27 ng/ul m

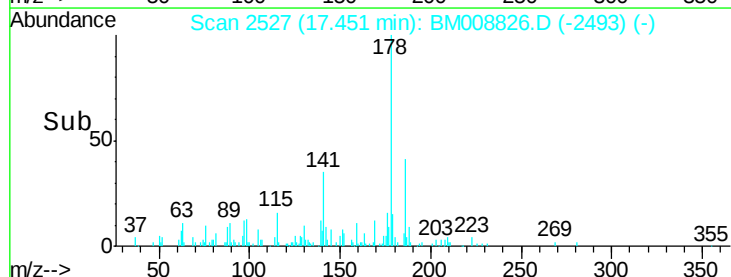
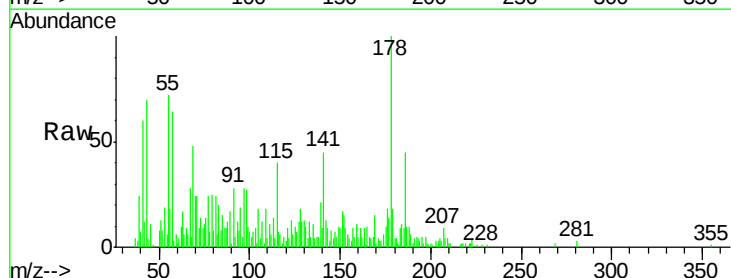
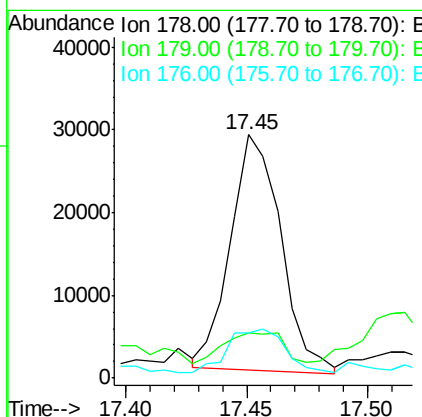
RT: 17.45 min Scan# 2527

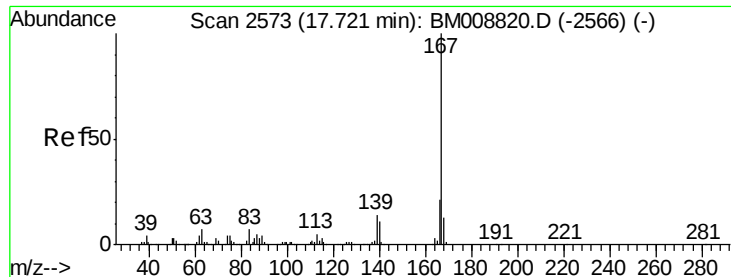
Delta R.T. 0.00 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41151		
179	18.4	11.8	17.8#	
176	18.4	14.6	21.8	





#72

Carbazole

Concen: 38.63 ng/ul

RT: 17.73 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Instrument :

BNA_M

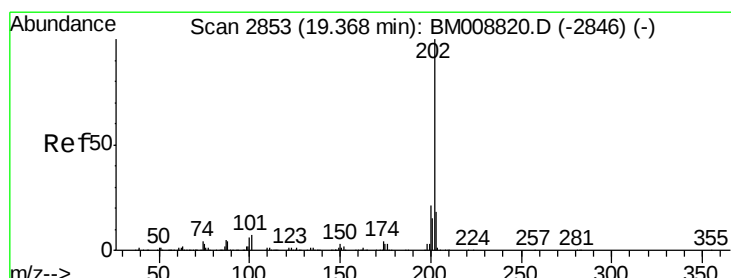
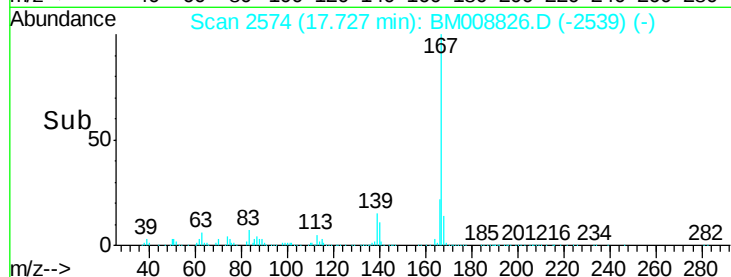
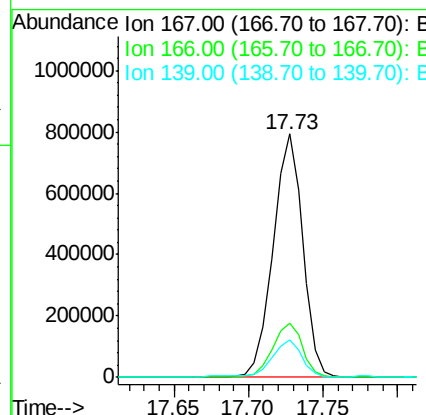
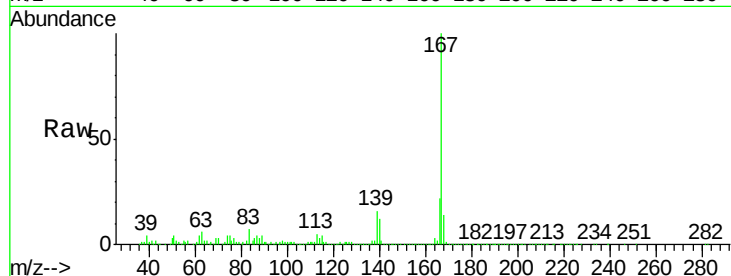
ClientSampleId :

DA9R6

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.8	25.2
139	15.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:50 PM



#74

Fluoranthene

Concen: 1.23 ng/ul

RT: 19.37 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM008826.D

Acq: 24 Jan 2017 05:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.1	10.7
100	9.3	5.4	8.0

