

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013784.D
 Acq On : 25 Jan 2018 00:49
 Operator : SJ/JU
 Sample : J1222-10DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A83DL

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:38 PM

Quant Time: Jan 25 03:59:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	130994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	490847	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	298210	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	673833	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	823423	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	819413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1779	0.54	ng/uL	0.00
5) Phenol-d5	6.79	99	31324	3.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	19467	3.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	28068	3.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	25780	3.33	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	11737	3.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	12709	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	26099m	3.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	24006	3.56	ng/ul	0.01
43) Dimethylphthalate-d6	13.66	166	87356	3.55	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	108064	3.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	4960m	1.24	ng/ul	0.03
57) Fluorene-d10	15.24	176	79080	3.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	8728	2.15	ng/ul	0.01
70) Anthracene-d10	17.10	188	128887	3.93	ng/ul	0.00
76) Pyrene-d10	19.40	212	159777	4.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	156667	4.16	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.42	128	52628	2.155	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	155779	8.556	ng/ul	94
49) Acenaphthene	14.31	153	33848	1.704	ng/ul	95
53) Dibenzofuran	14.65	168	38401	1.285	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.89	232	13535	2.162	ng/ul#	66
58) Fluorene	15.30	166	42116	1.721	ng/ul#	92
68) Pentachlorophenol	16.66	266	232395	51.050	ng/ul	99
69) Phenanthrene	17.04	178	163663	4.370	ng/ul	97
74) Fluoranthene	19.07	202	63765	1.426	ng/ul#	91

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

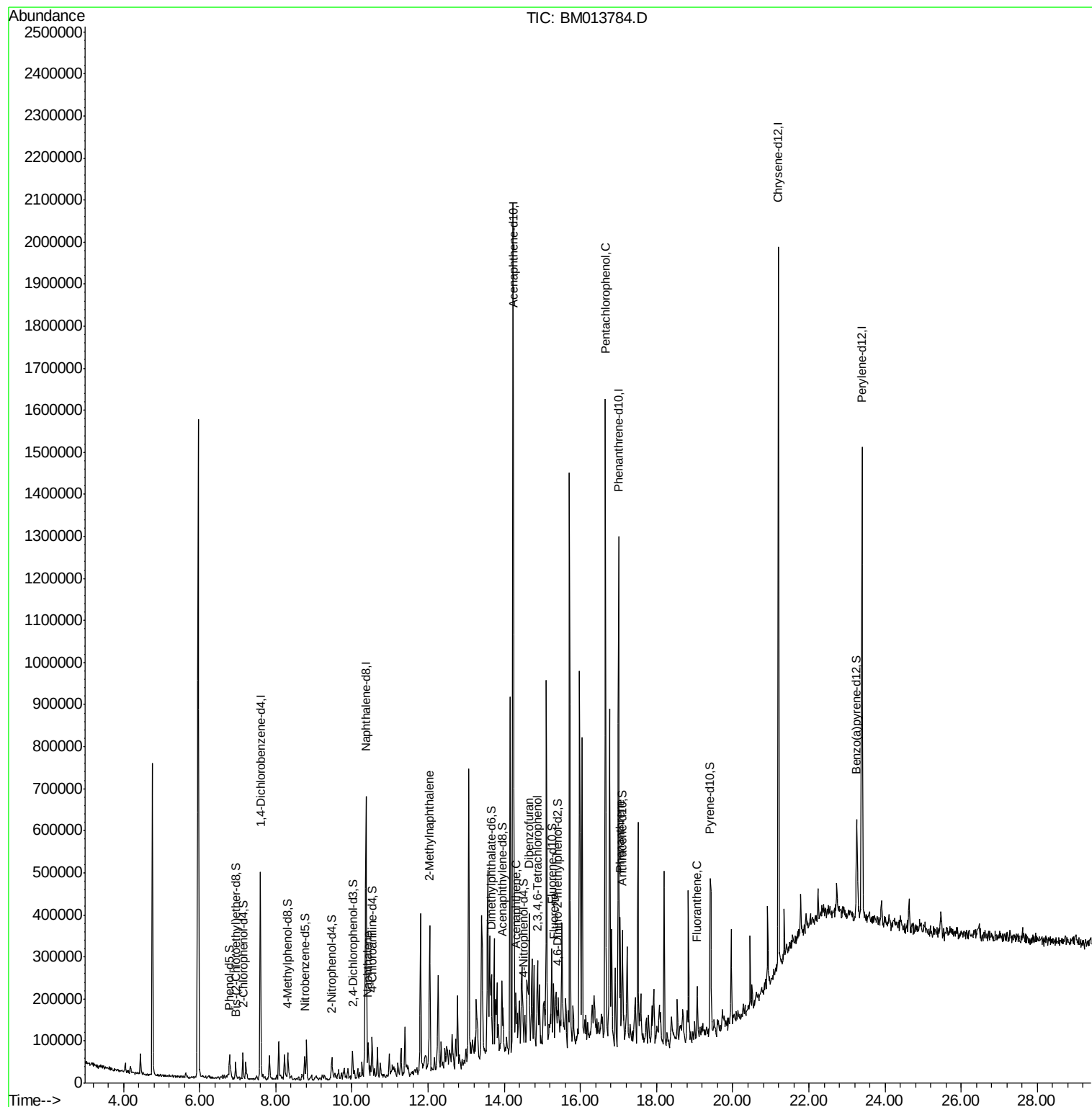
Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013784.D
Acq On : 25 Jan 2018 00:49
Operator : SJ/JU
Sample : J1222-10DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

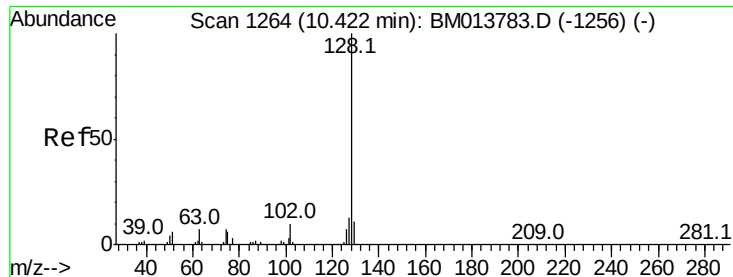
Instrument :
BNA_M
ClientSampled :
F6A83DL

Manual Integrations
APPROVED

Sohil
1/25/2018 5:35:38 PM

Quant Time: Jan 25 03:59:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration





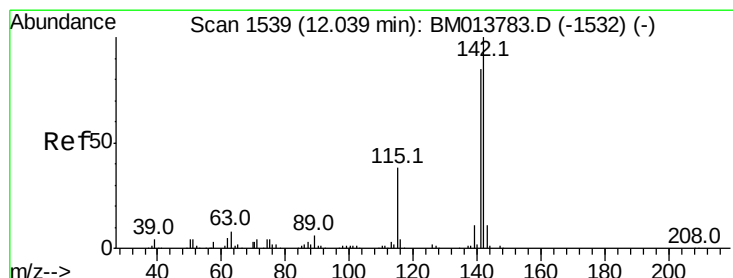
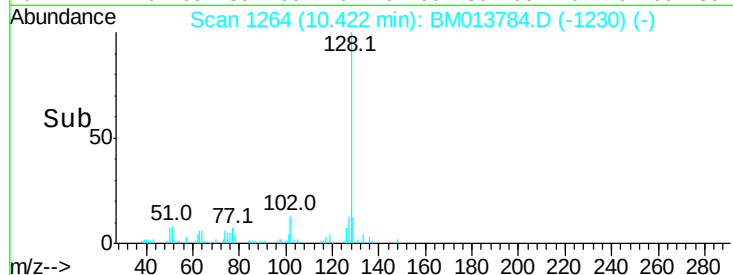
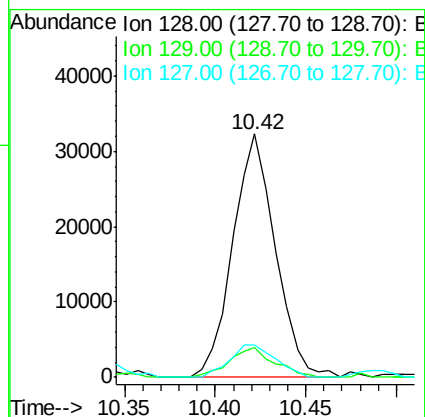
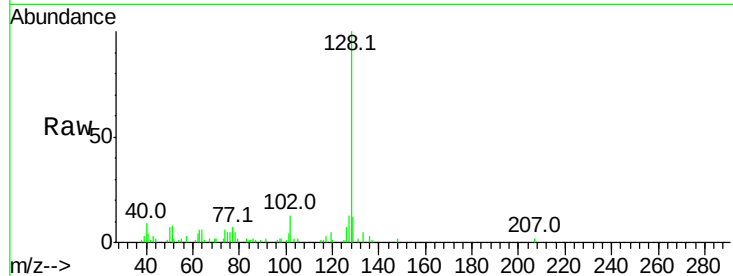
#28
Naphthalene
Concen: 2.155 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM013784.D
Acq: 25 Jan 2018 00:49

Instrument :
BNA_M
ClientSampleId :
F6A83DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.3	10.6	16.0

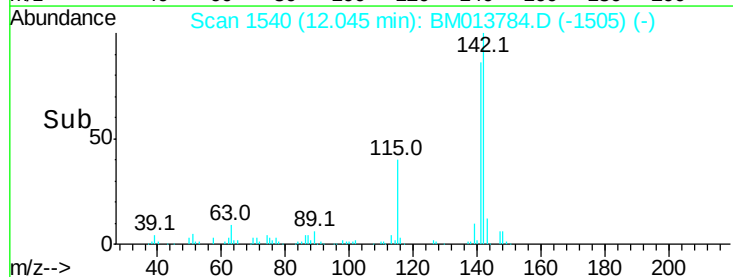
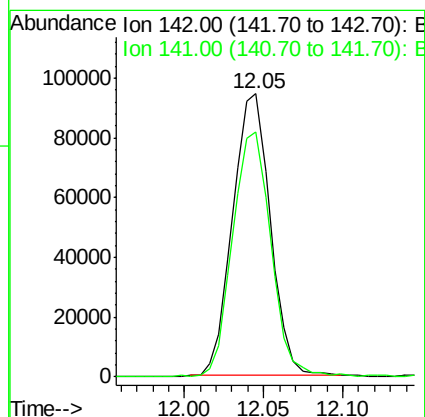
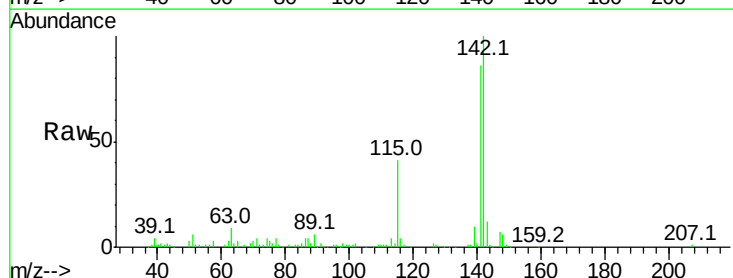
Manual Integrations
APPROVED

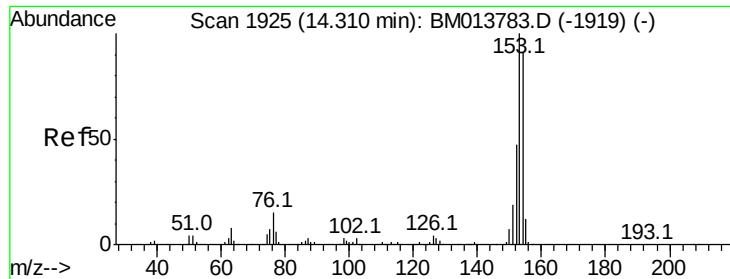
Sohil
1/25/2018 5:35:38 PM



#34
2-Methylnaphthalene
Concen: 8.556 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM013784.D
Acq: 25 Jan 2018 00:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	74.1	111.1





#49

Acenaphthene

Concen: 1.704 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM013784.D

Acq: 25 Jan 2018 00:49

Instrument :

BNA_M

ClientSampleId :

F6A83DL

Tot Ion:153 Resp: 33848

Ion Ratio Lower Upper

153 100

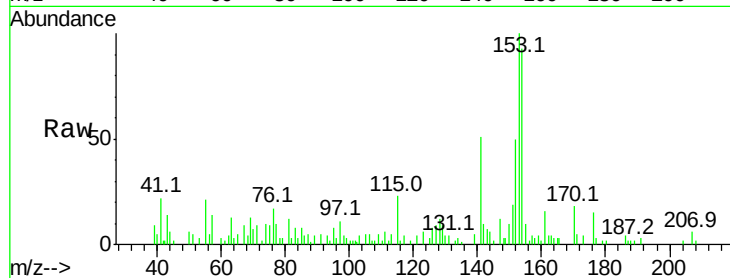
152 49.6 37.6 56.4

154 93.2 70.4 105.6

Manual Integrations
APPROVED

Sohil

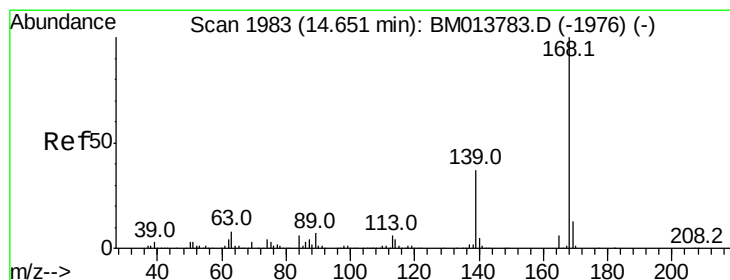
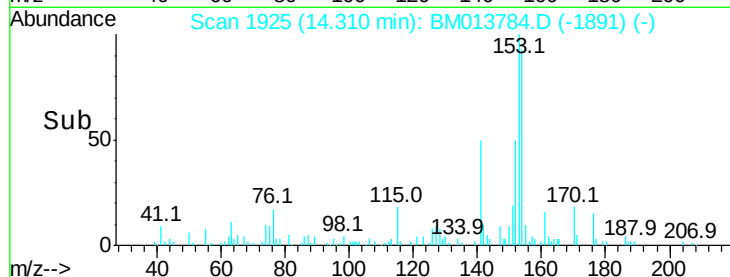
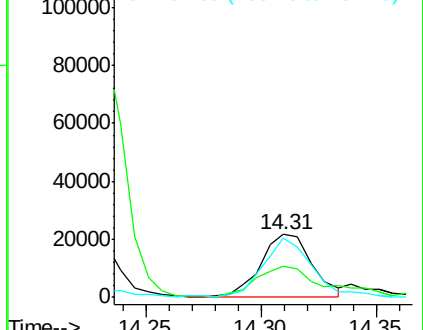
1/25/2018 5:35:38 PM



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.285 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013784.D

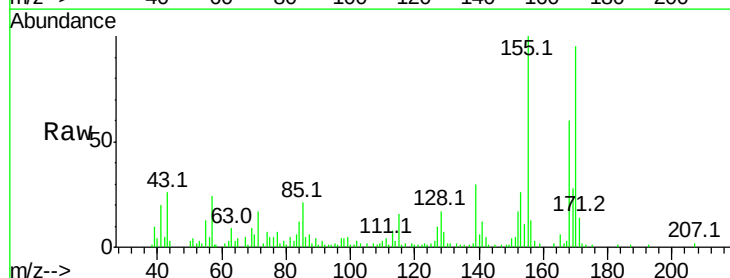
Acq: 25 Jan 2018 00:49

Tgt Ion:168 Resp: 38401

Ion Ratio Lower Upper

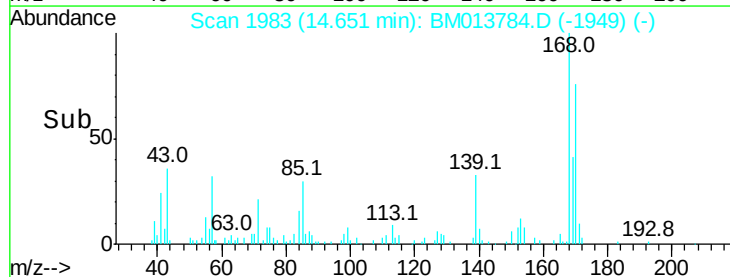
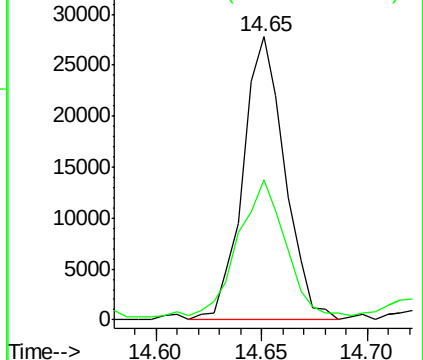
168 100

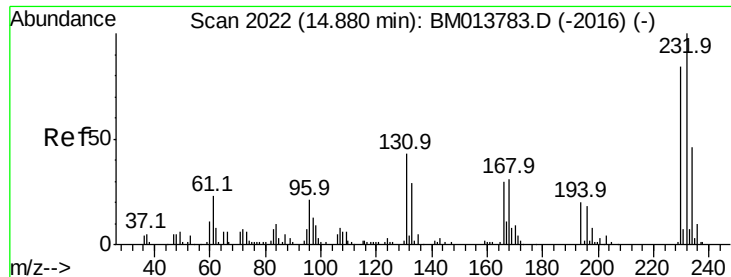
139 49.4 30.8 46.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





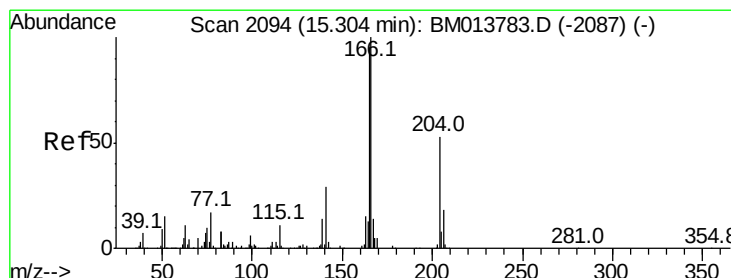
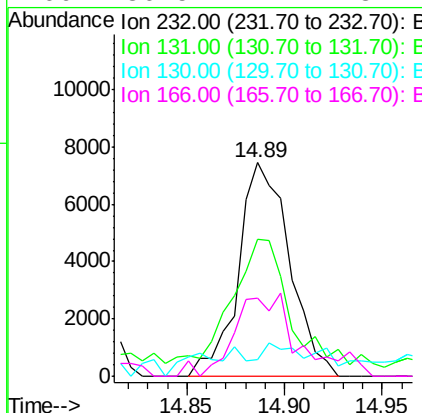
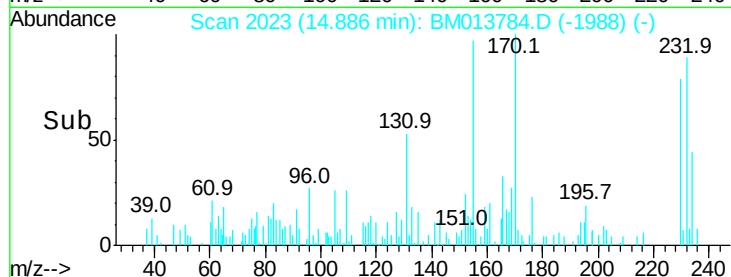
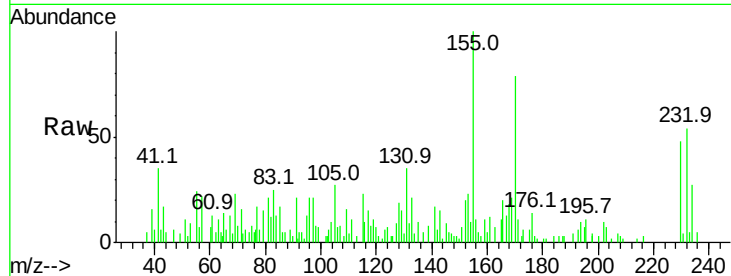
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.162 ng/ul
 RT: 14.89 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BM013784.D
 Acq: 25 Jan 2018 00:49

Instrument :
 BNA_M
 ClientSampleID :
 F6A83DL

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	64.1	29.0	43.4#
130	8.0	2.0	3.0#
166	36.5	21.4	32.2#

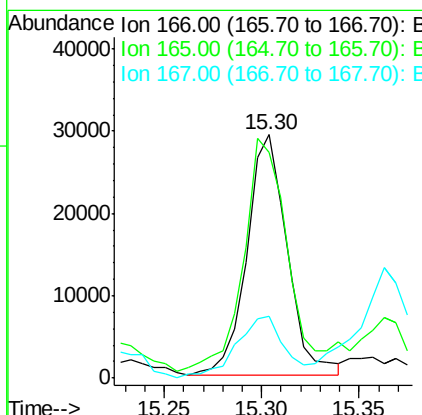
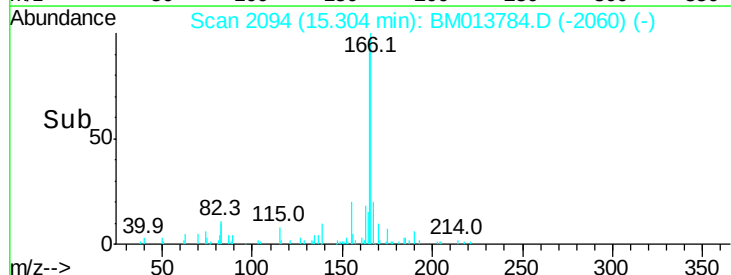
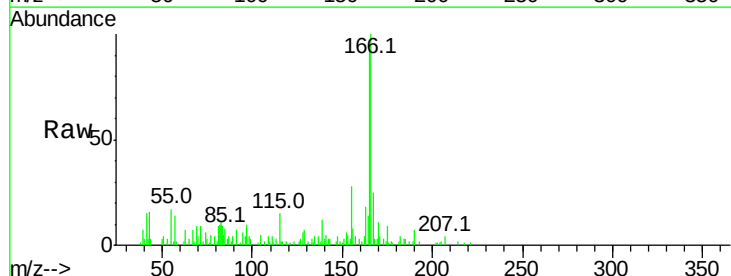
Manual Integrations
 APPROVED

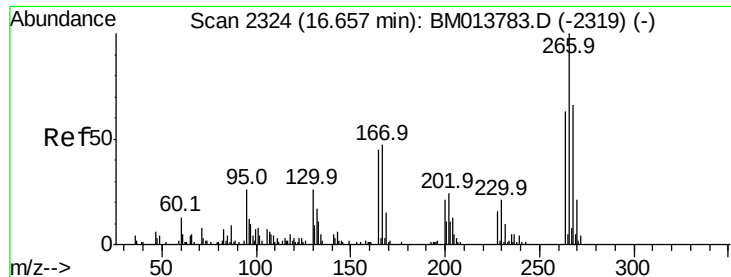
Sohil
 1/25/2018 5:35:38 PM



#58
 Fluorene
 Concen: 1.721 ng/ul
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BM013784.D
 Acq: 25 Jan 2018 00:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	92.8	77.9	116.9
167	25.2	10.6	16.0#





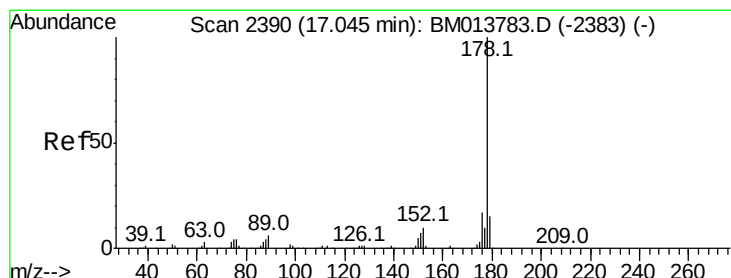
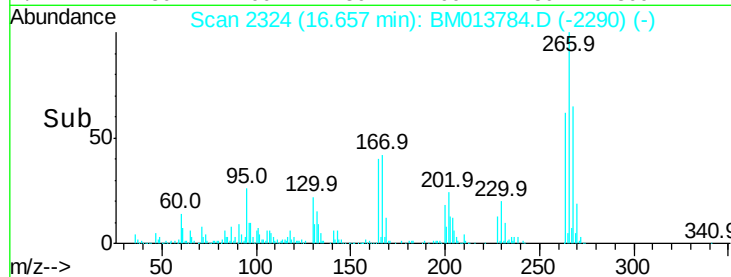
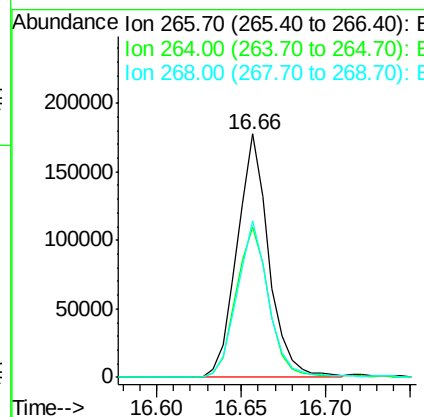
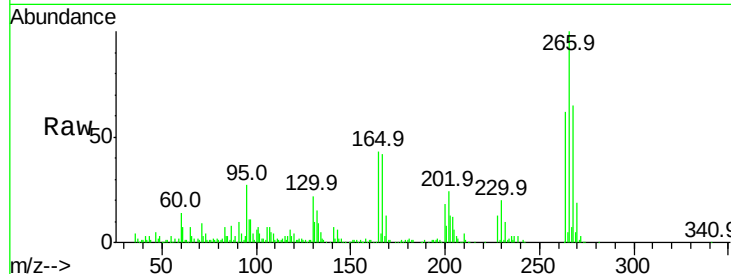
#68
 Pentachlorophenol
 Concen: 51.050 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BM013784.D
 Acq: 25 Jan 2018 00:49

Instrument :
 BNA_M
 ClientSampled :
 F6A83DL

Tot Ion	Ratio	Resp Lower	Upper
266	100		
264	61.7	49.3	73.9
268	64.5	52.6	78.8

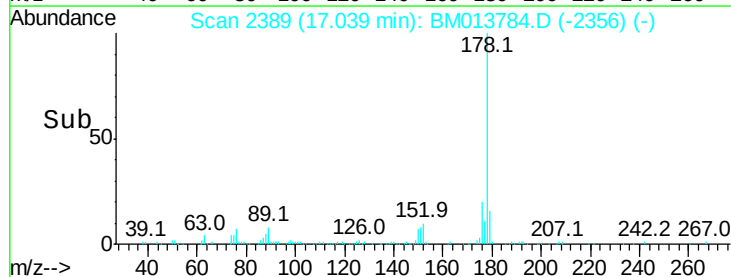
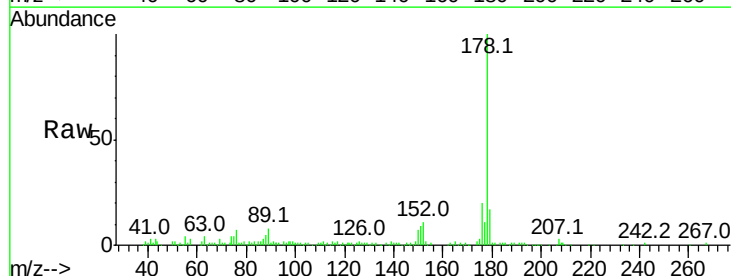
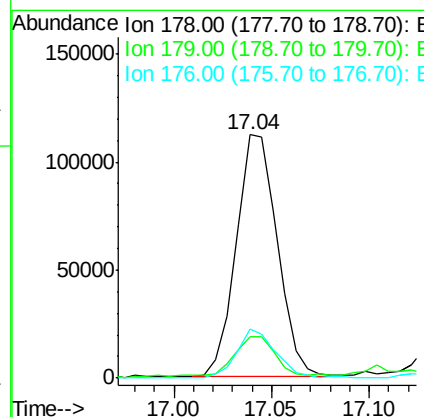
Manual Integrations
 APPROVED

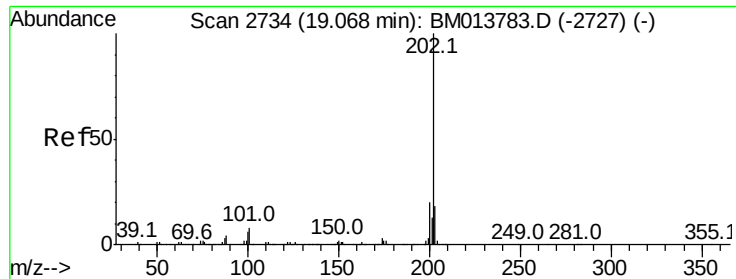
Sohil
 1/25/2018 5:35:38 PM



#69
 Phenanthrene
 Concen: 4.370 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM013784.D
 Acq: 25 Jan 2018 00:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.2	14.9	22.3





#74
 Fluoranthene
 Concen: 1.426 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BM013784.D
 Acq: 25 Jan 2018 00:49

Instrument :
 BNA_M
 ClientSampleId :
 F6A83DL

Tot Ion:	202	Resp:	63765
Ion Ratio	Lower	Upper	
202	100		
101	10.1	4.6	7.0#
100	5.3	3.4	5.2#

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:38 PM

