

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014932.D
 Acq On : 02 May 2018 20:55
 Operator : SJ/JU
 Sample : J2631-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 03 04:29:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 04:26:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	441439	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1924005	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	1025798	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	2097201	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1752883	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1647136	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	77258	7.64	ng/uL	0.00
5) Phenol-d5	7.62	99	1416554	41.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	1035330	47.31	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	1232966	43.19	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	1090511	40.07	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	596361	42.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	635558	45.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	1099404	39.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	1440643	51.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	3389046	42.32	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	4005391	40.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	490768	33.02	ng/ul	0.00
57) Fluorene-d10	16.07	176	2845707	40.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	404357	35.63	ng/ul	0.00
70) Anthracene-d10	17.91	188	4119626	42.15	ng/ul	0.00
76) Pyrene-d10	20.15	212	4111192	49.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3744663	46.27	ng/ul	0.00

Target Compounds

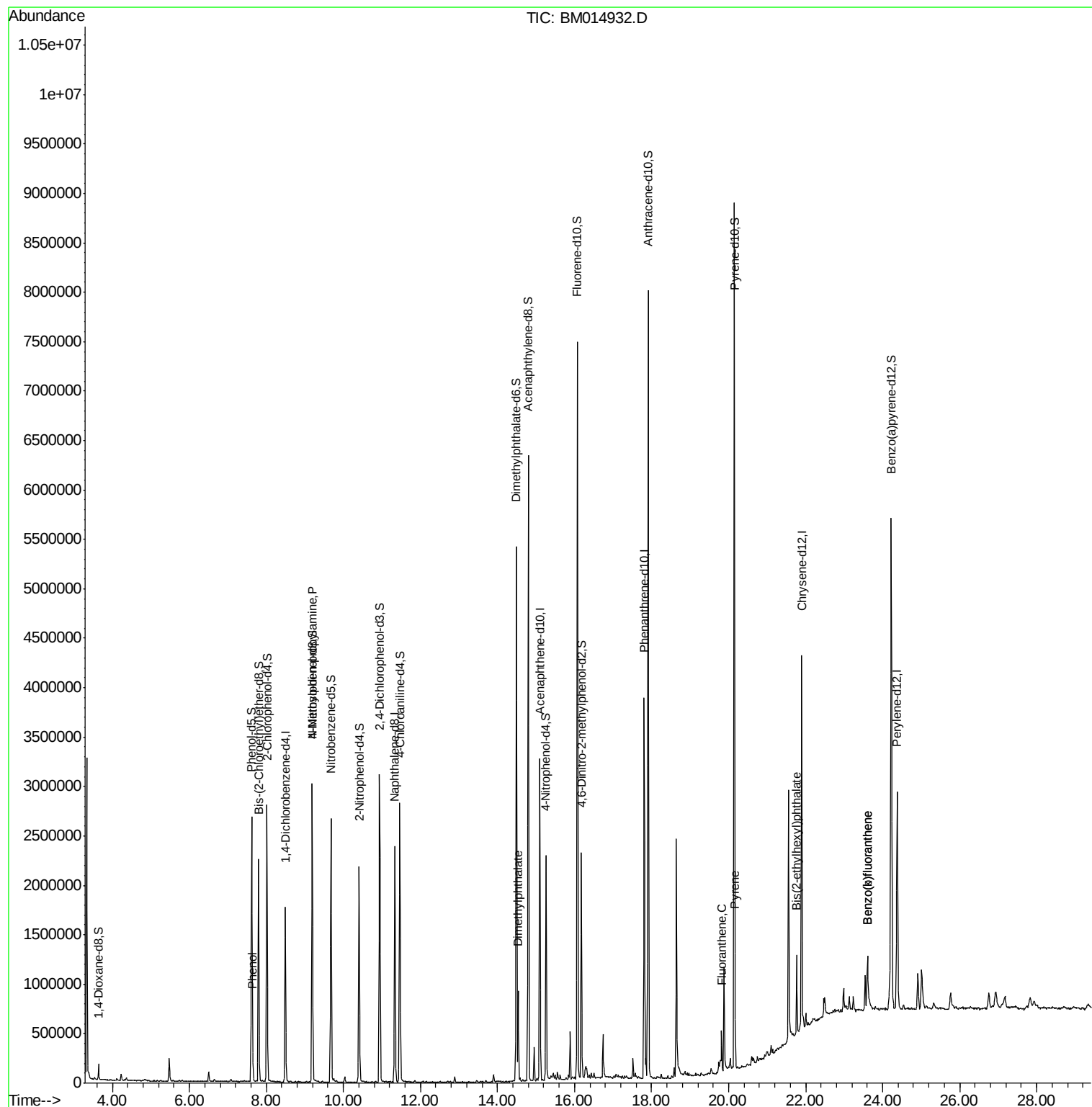
					Ovalue	
6) Phenol	7.65	94	93492	2.784	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.19	70	29249	1.413	ng/ul#	1
44) Dimethylphthalate	14.53	163	504228	6.514	ng/ul	99
74) Fluoranthene	19.82	202	229823	1.872	ng/ul#	80
77) Pyrene	20.17	202	174870	1.707	ng/ul#	72
81) Bis(2-ethylhexyl)phthalate	21.77	149	244107	3.980	ng/ul#	95
85) Benzo(b)fluoranthene	23.62	252	97621	1.005	ng/ul#	87
86) Benzo(k)fluoranthene	23.62	252	97621	1.046	ng/ul#	85

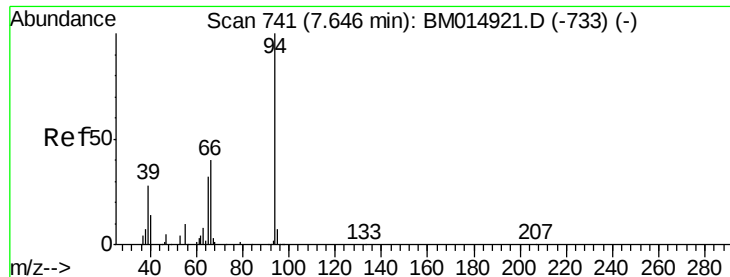
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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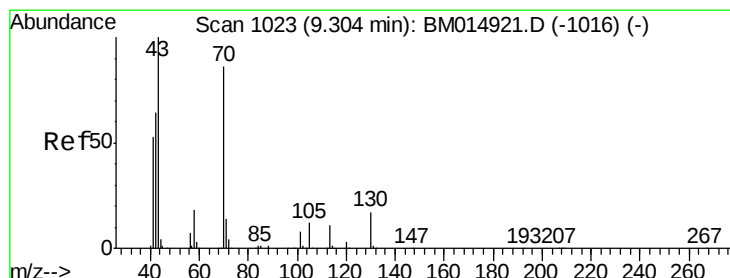
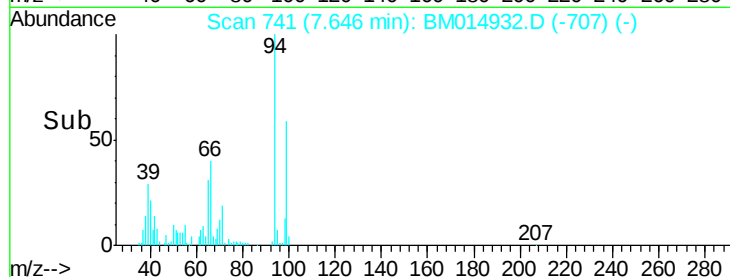
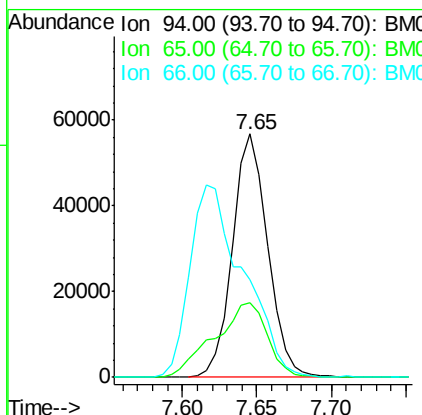
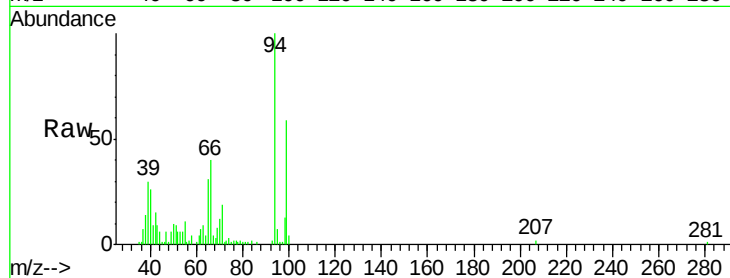
#6

Phenol

Concen: 2.784 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014932.D
 Acq: 02 May 2018 20:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 93492
 Ion Ratio Lower Upper
 94 100
 65 30.6 28.2 42.4
 66 40.1 47.2 70.8#

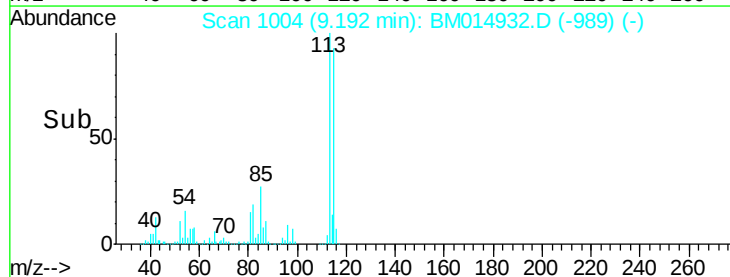
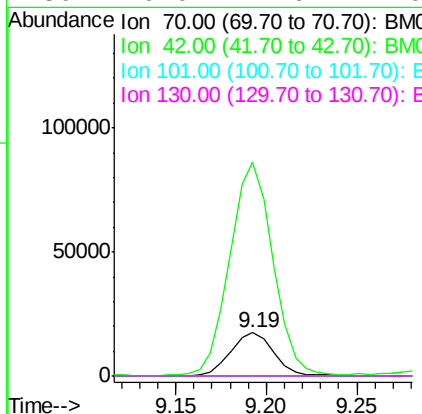
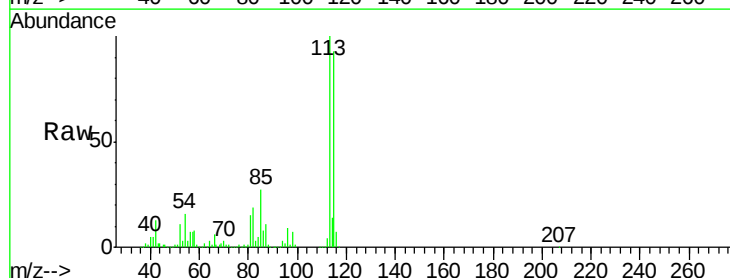


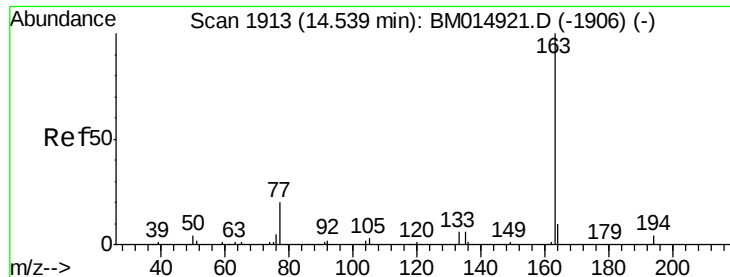
#15

N-Nitroso-di-n-propylamine

Concen: 1.413 ng/ul
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.11 min
 Lab File: BM014932.D
 Acq: 02 May 2018 20:55

Tgt Ion: 70 Resp: 29249
 Ion Ratio Lower Upper
 70 100
 42 490.9 76.0 114.0#
 101 0.0 6.7 10.1#
 130 0.0 14.6 22.0#





#44

Dimethylphthalate

Concen: 6.514 ng/ul

RT: 14.53 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM014932.D

Acq: 02 May 2018 20:55

Instrument :

BNA_M

ClientSampleId :

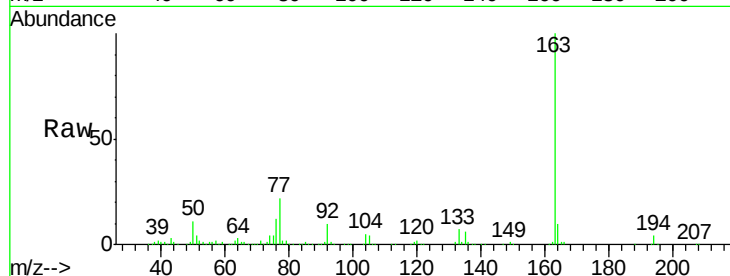
Tot Ion:163 Resp: 504228

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

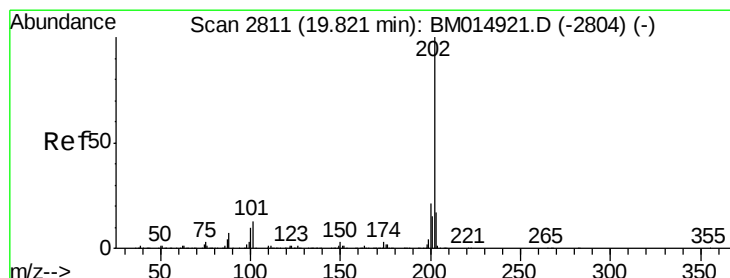
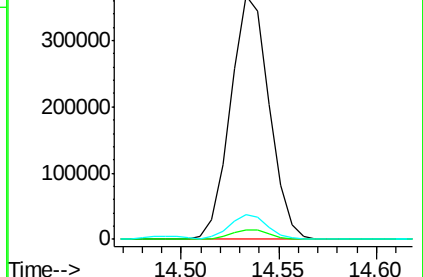
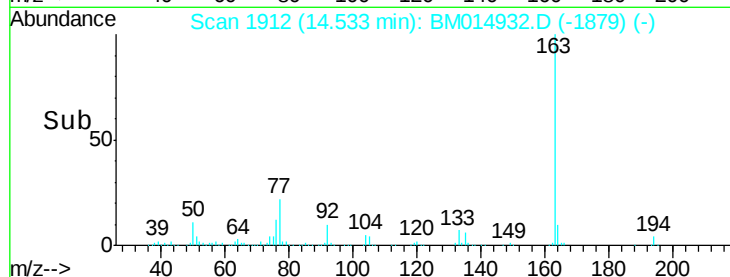
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 1.872 ng/ul

RT: 19.82 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM014932.D

Acq: 02 May 2018 20:55

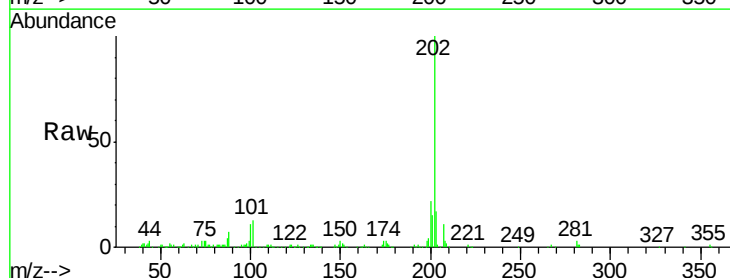
Tgt Ion:202 Resp: 229823

Ion Ratio Lower Upper

202 100

101 12.6 4.6 7.0#

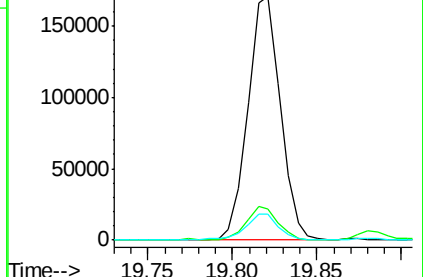
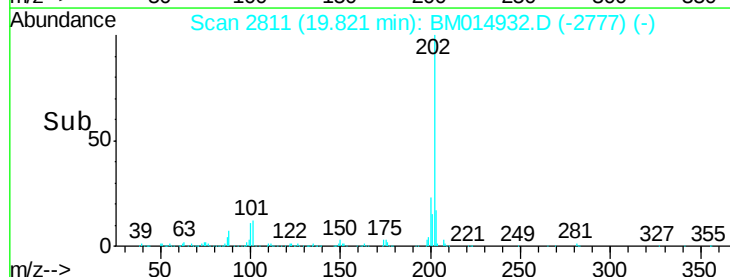
100 10.8 3.4 5.2#

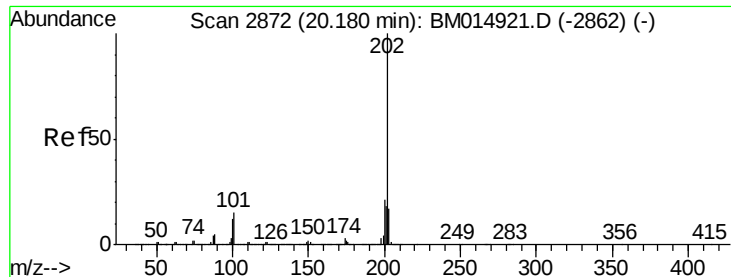


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.707 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM014932.D

Acq: 02 May 2018 20:55

Instrument :

BNA_M

ClientSampleId :

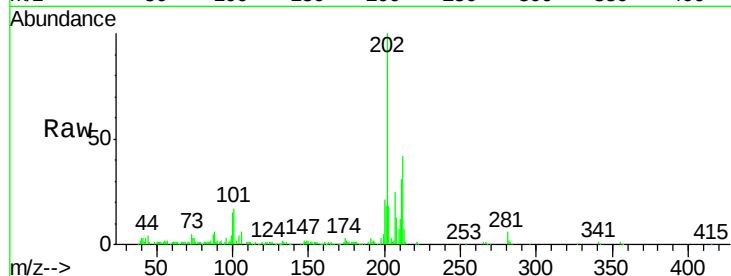
Tot Ion:202 Resp: 174870

Ion Ratio Lower Upper

202 100

101 16.6 5.1 7.7#

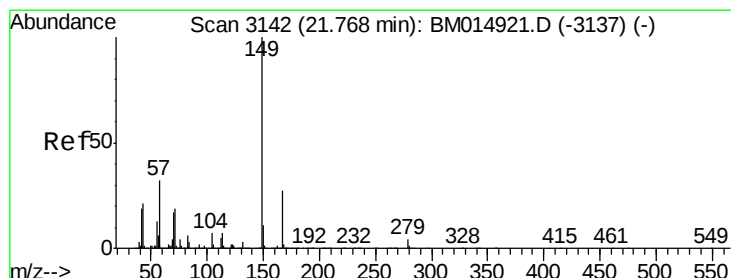
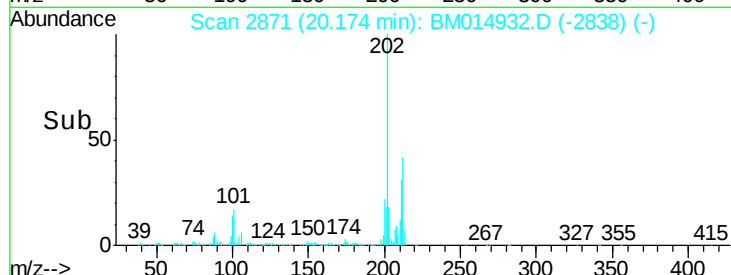
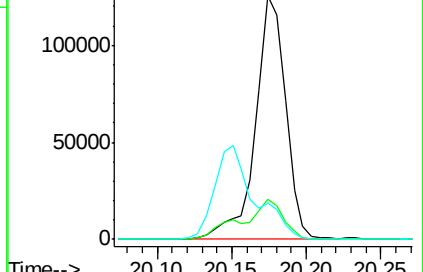
100 14.7 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.980 ng/ul

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM014932.D

Acq: 02 May 2018 20:55

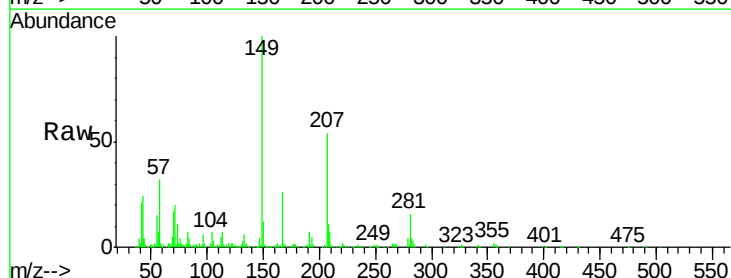
Tgt Ion:149 Resp: 244107

Ion Ratio Lower Upper

149 100

167 26.1 22.8 34.2

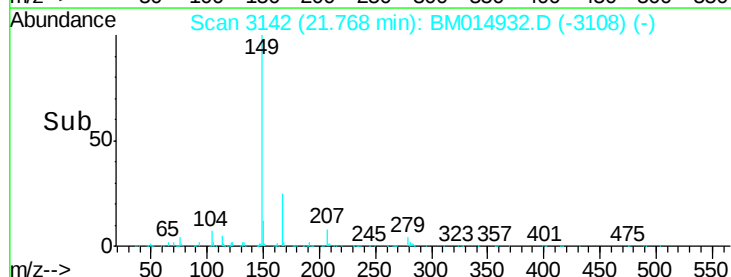
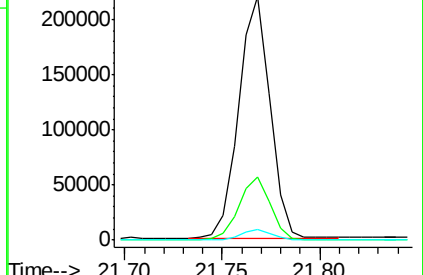
279 4.4 4.9 7.3#

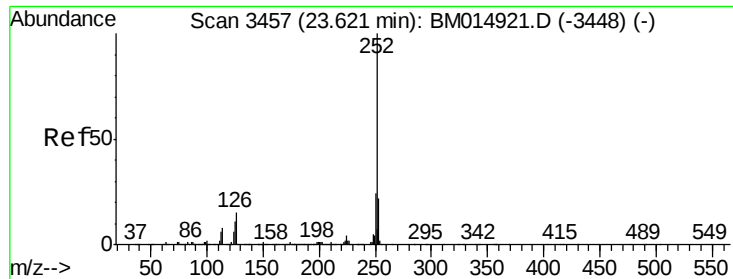


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Benzo(b)fluoranthene

Concen: 1.005 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BM014932.D

Acq: 02 May 2018 20:55

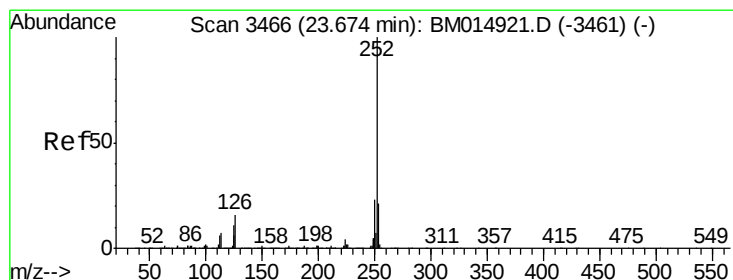
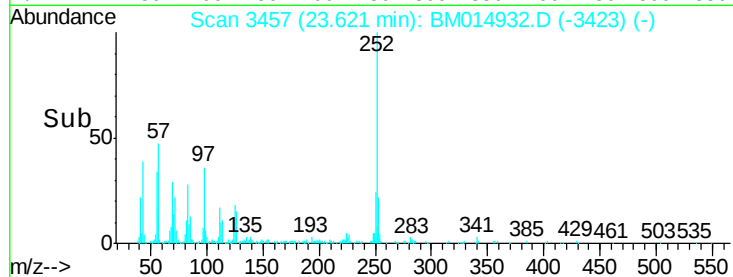
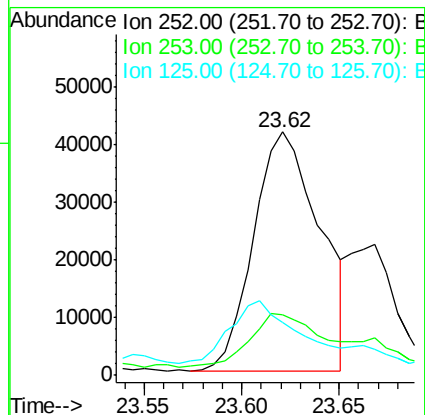
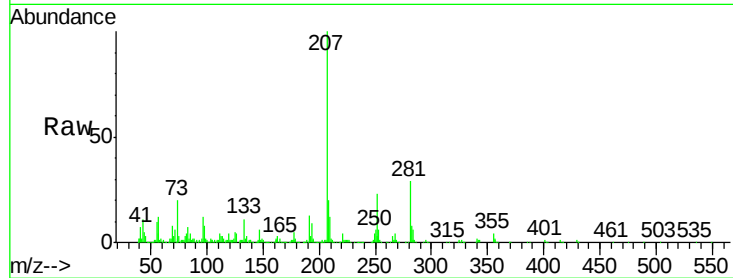
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 97621

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	21.6	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 1.046 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.05 min

Lab File: BM014932.D

Acq: 02 May 2018 20:55

Tgt Ion:252 Resp: 97621

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	21.6	3.4	5.2#

