

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013126.D
 Acq On : 28 Nov 2017 00:21
 Operator : SJ/JU
 Sample : I6496-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB5

Quant Time: Nov 28 03:50:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 01:49:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	226721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1028978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	631415	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1433788	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1600451	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1414939	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13608	2.78	ng/uL	0.00
5) Phenol-d5	6.89	99	345492	17.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	217940	19.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	284484	18.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	254644	15.83	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	158045	21.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	166736	23.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	314537	17.76	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.63	131	243274	13.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1121341	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1317916	18.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	146892	17.49	ng/ul	-0.01
57) Fluorene-d10	15.34	176	935929	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	144086	23.18	ng/ul	0.00
70) Anthracene-d10	17.19	188	1431353	19.50	ng/ul	0.00
76) Pyrene-d10	19.49	212	1599220	19.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1438368	20.05	ng/ul	0.00

Target Compounds

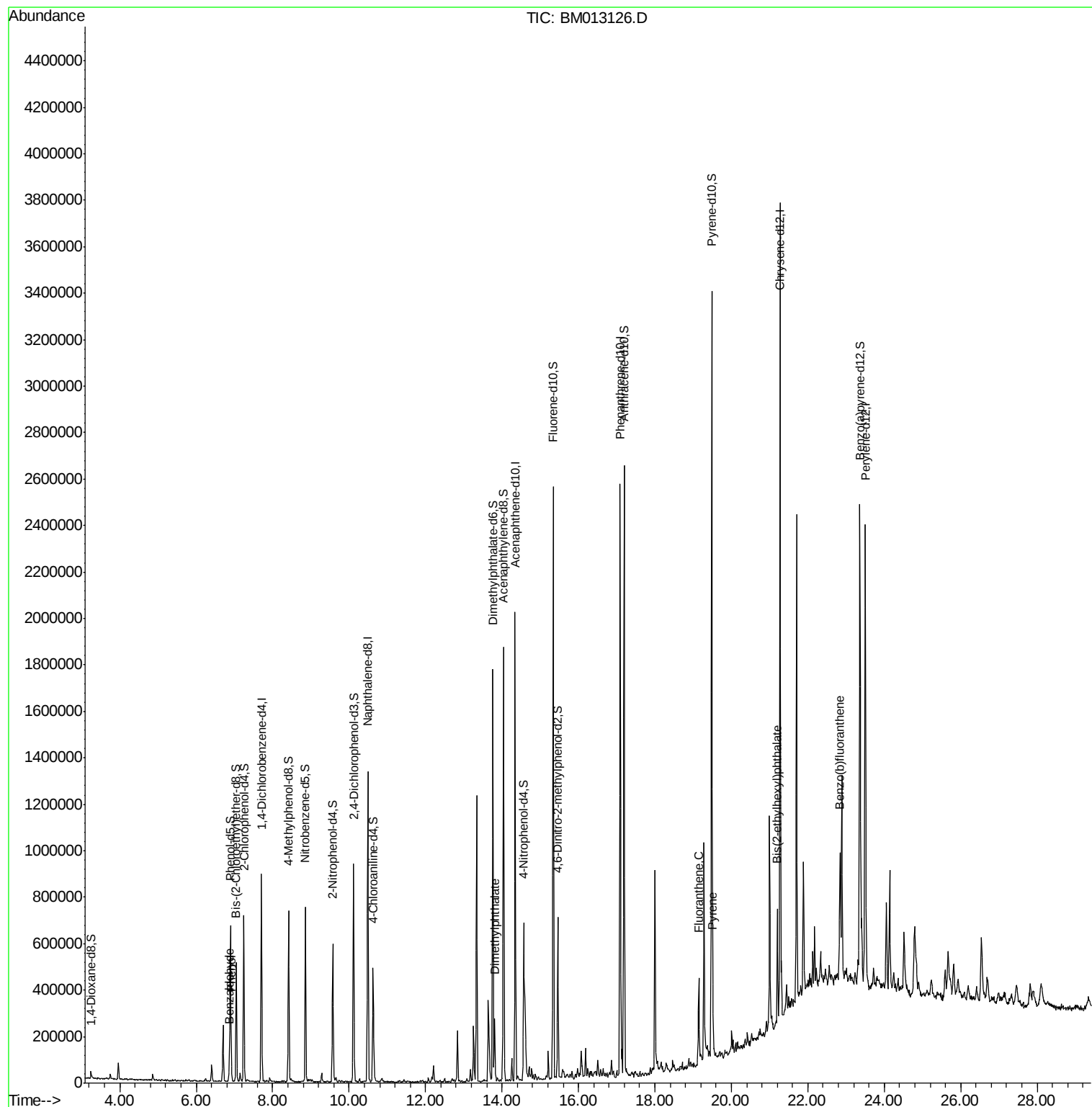
					Ovalue	
4) Benzaldehyde	6.86	77	13792	1.303	ng/ul	88
6) Phenol	6.92	94	53025	2.736	ng/ul#	82
44) Dimethylphthalate	13.81	163	154227	2.912	ng/ul	98
74) Fluoranthene	19.15	202	209887	2.153	ng/ul#	97
77) Pyrene	19.52	202	176891	1.775	ng/ul#	96
81) Bis(2-ethylhexyl)phthalate	21.20	149	161471	2.646	ng/ul#	98
85) Benzo(b)fluoranthene	22.83	252	168528	1.843	ng/ul#	93

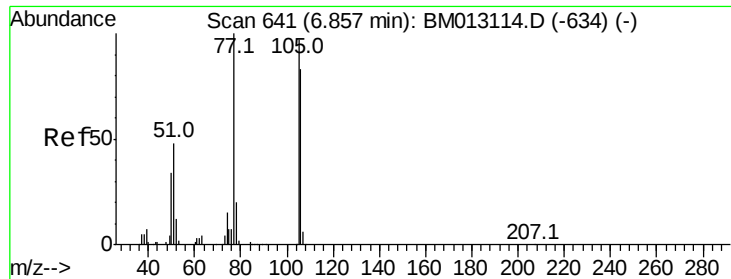
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.303 ng/ul

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampled :

C0AB5

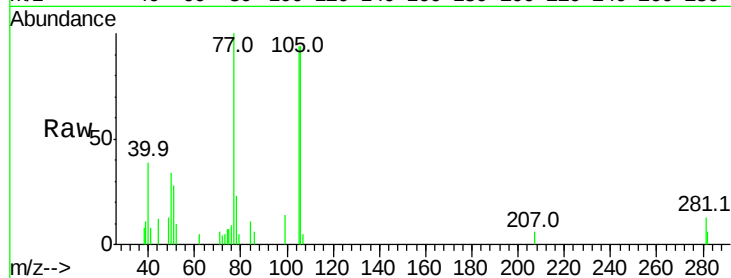
Tot Ion: 77 Resp: 13792

Ion Ratio Lower Upper

77 100

105 94.0 66.1 99.1

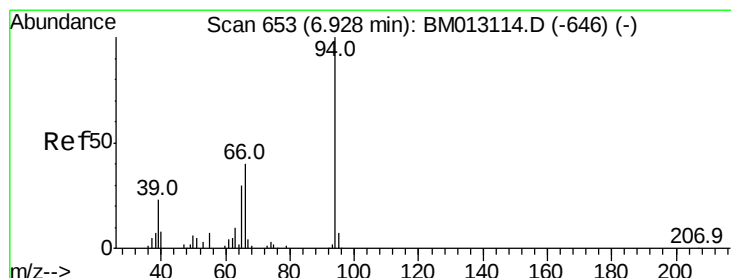
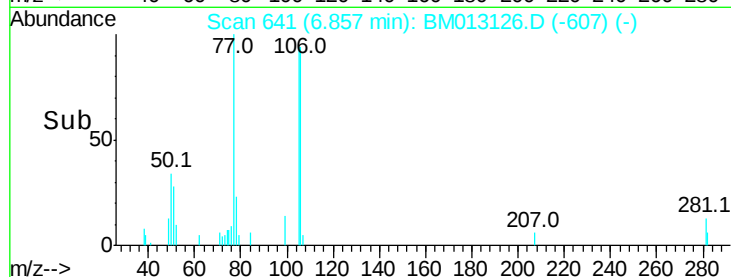
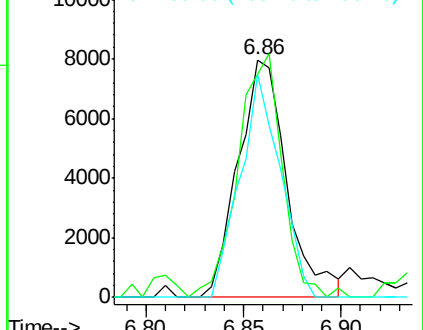
106 94.3 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM013126.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM013126.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM013126.D (-634) (-)



#6

Phenol

Concen: 2.736 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

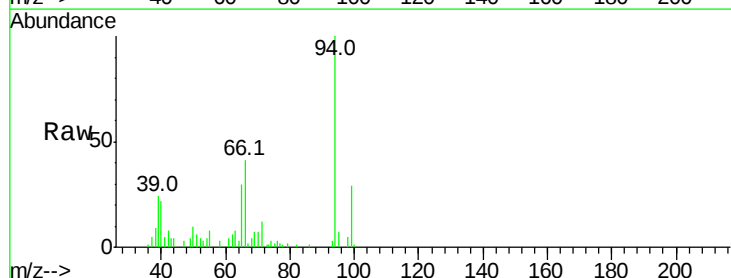
Tgt Ion: 94 Resp: 53025

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

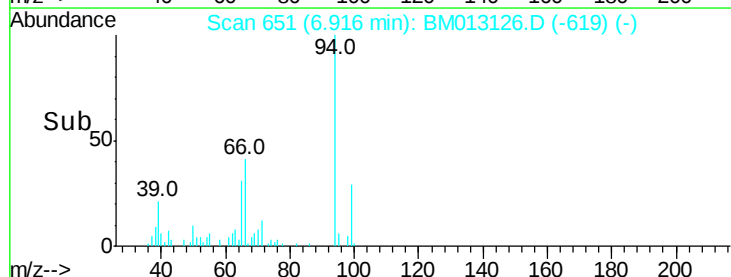
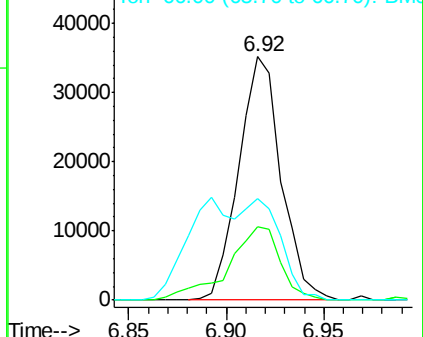
66 41.5 47.2 70.8#

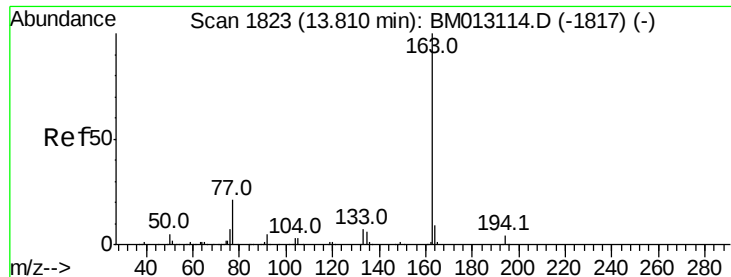


Abundance Ion 94.00 (93.70 to 94.70): BM013126.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BM013126.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BM013126.D (-619) (-)

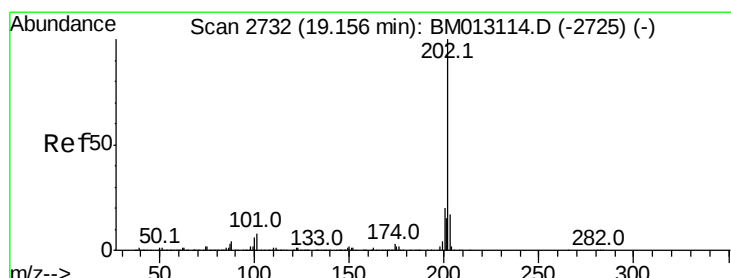
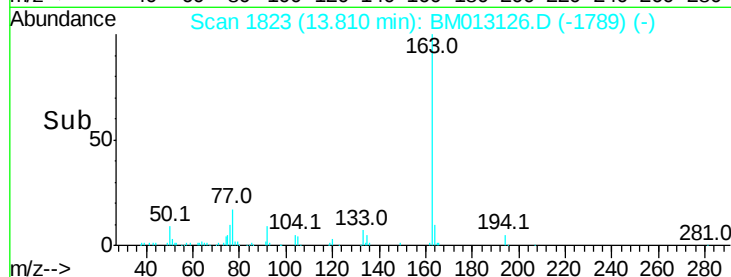
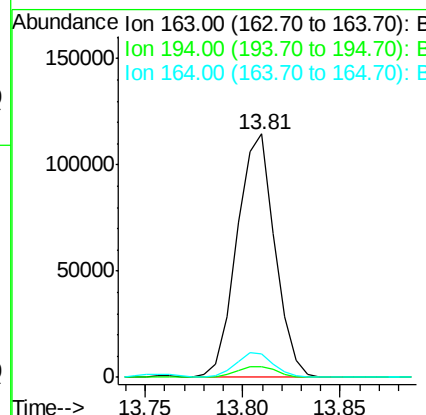
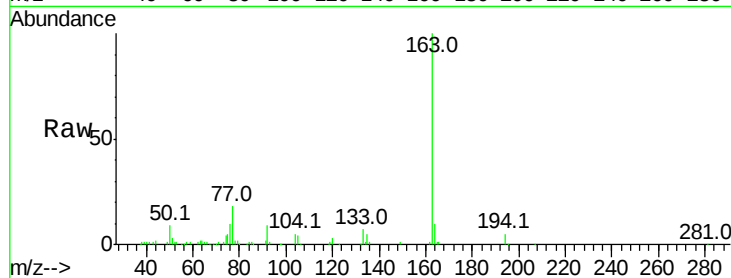




#44
Dimethylphthalate
Concen: 2.912 ng/ul
RT: 13.81 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM013126.D
Acq: 28 Nov 2017 00:21

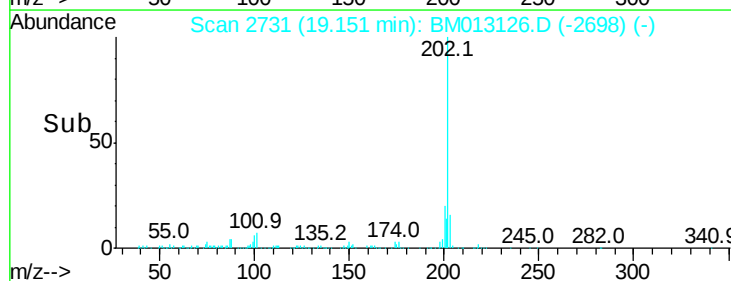
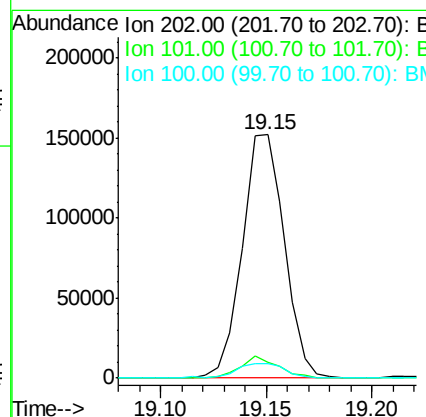
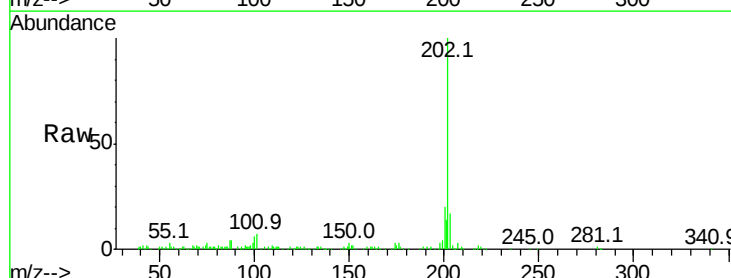
Instrument :
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ClientSampleId :
C0AB5

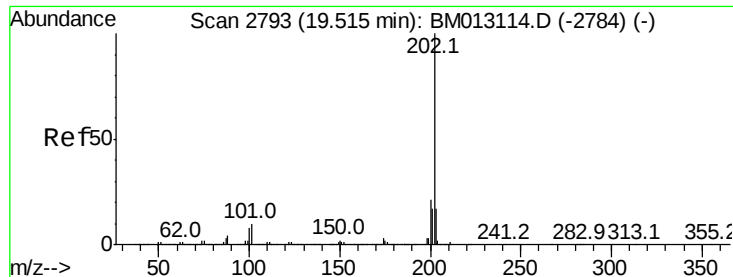
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.5	8.2	12.4



#74
Fluoranthene
Concen: 2.153 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM013126.D
Acq: 28 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.6	7.0
100	5.8	3.4	5.2





#77

Pvrene

Concen: 1.775 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampleId :

C0AB5

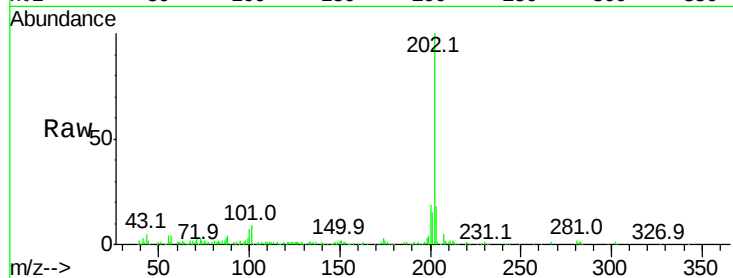
Tot Ion:202 Resp: 176891

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

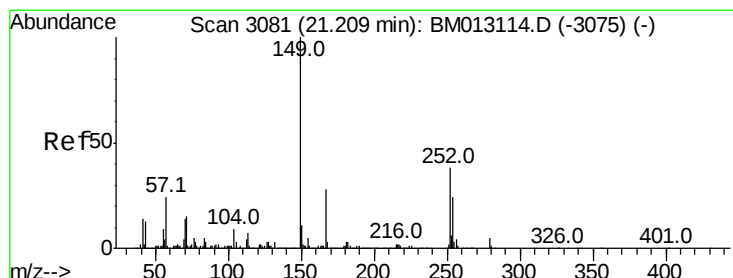
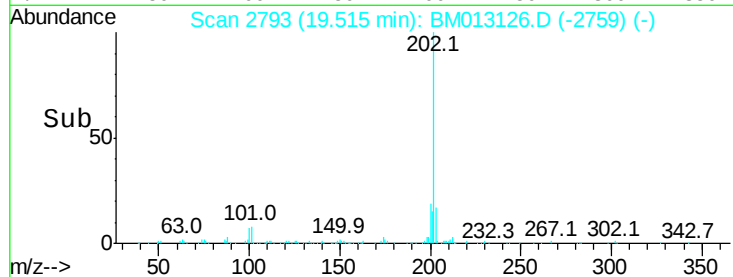
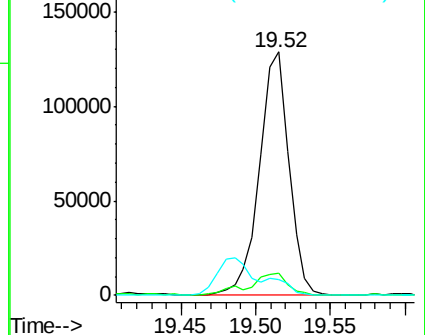
100 6.6 4.9 7.3



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: 2.646 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

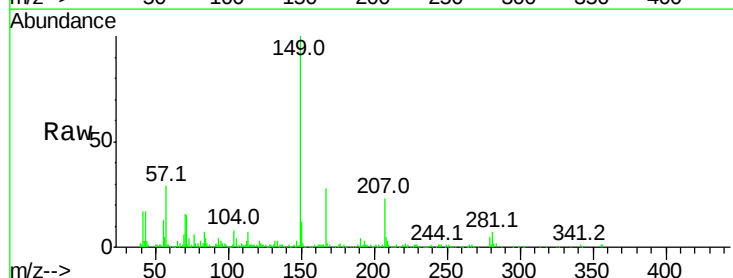
Tgt Ion:149 Resp: 161471

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

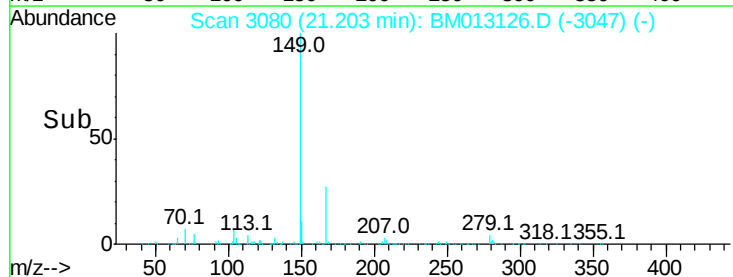
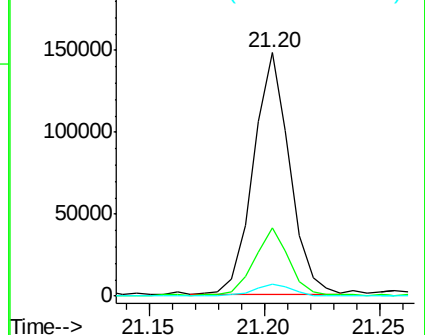
279 4.7 4.9 7.3#

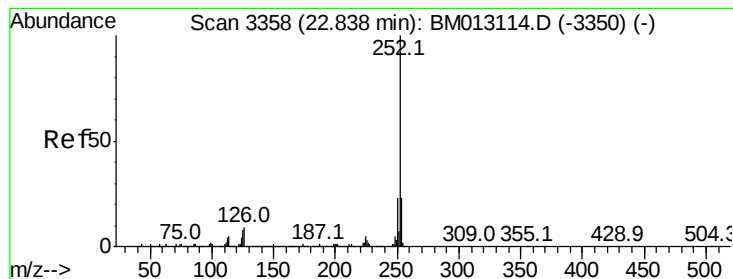


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Benzo(b)fluoranthene

Concen: 1.843 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampleId :

C0AB5

Tot Ion:252 Resp: 168528

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 10.7 3.6 5.4

