

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012267.D
 Acq On : 18 Oct 2017 02:22
 Operator : SJ/JU
 Sample : I5664-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B64

Manual Integrations
 APPROVED

Sohil
 10/18/2017 7:33:46 PM

Quant Time: Oct 18 08:49:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 08:12:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	244054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	774501	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	504807	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1198206	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1418053	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	962157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	4890	0.95	ng/uL	0.00
5) Phenol-d5	6.96	99	151265	7.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	97803	8.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	137377	8.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	104583	6.13	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	52455	8.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	60836	8.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	117166	8.89	ng/ul	0.01
29) 4-Chloroaniline-d4	10.74	131	115919	9.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	454755	10.19	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	540333	10.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	38359m	5.72	ng/ul	0.02
57) Fluorene-d10	15.43	176	397938	10.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	45962	5.59	ng/ul	0.00
70) Anthracene-d10	17.29	188	631668	10.66	ng/ul	0.00
76) Pyrene-d10	19.59	212	869410	12.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	480917	10.37	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.99	94	29083	1.421	ng/ul# 89
28) Naphthalene	10.64	128	88544	2.210	ng/ul 97
44) Dimethylphthalate	13.90	163	154117	3.448	ng/ul 100
56) Diethylphthalate	15.26	149	2189939	45.324	ng/ul 100
78) Butylbenzylphthalate	20.50	149	552081	13.243	ng/ul 97
81) Bis(2-ethylhexyl)phthalate	21.26	149	2054108	32.837	ng/ul# 99

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

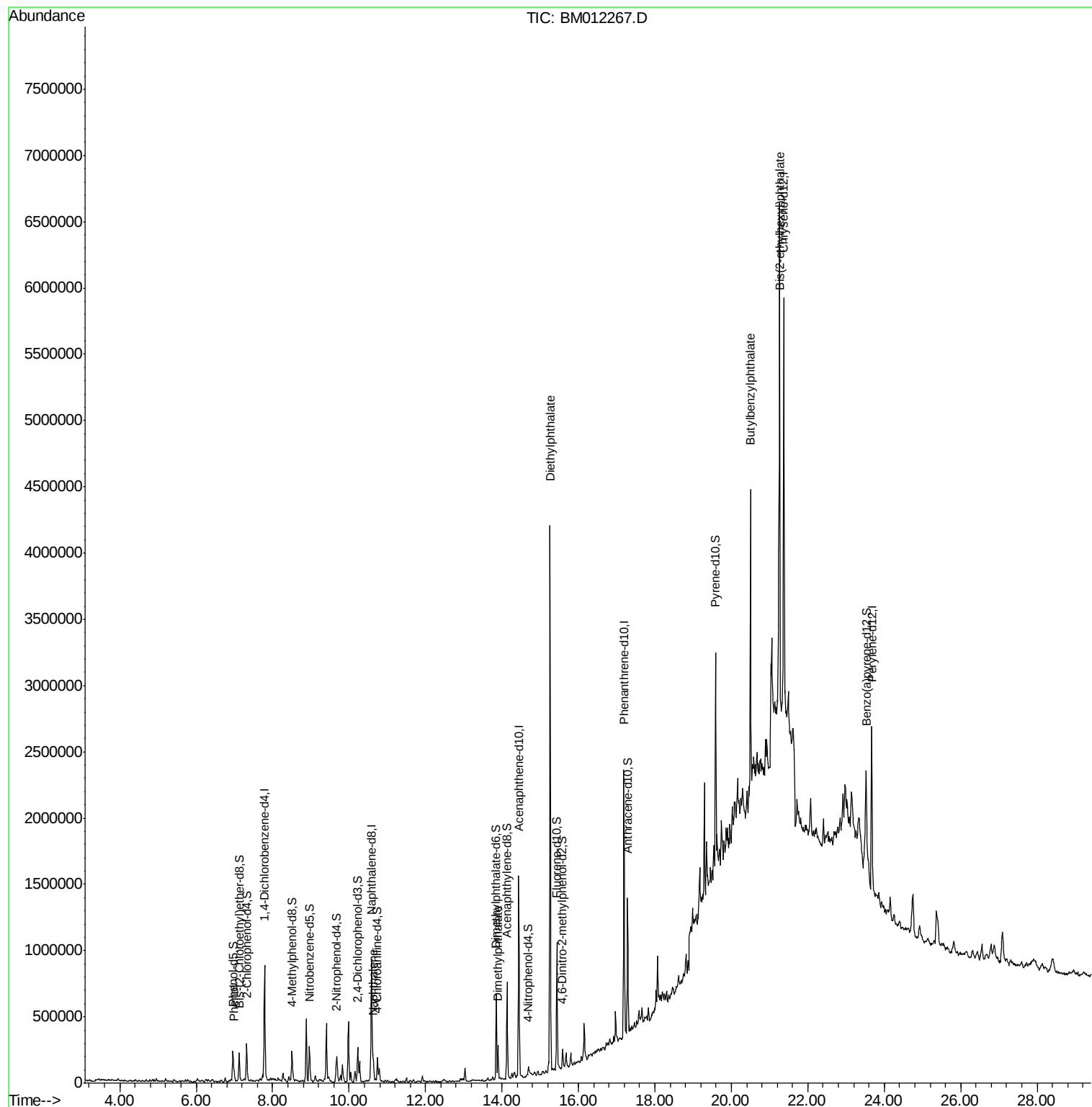
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
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ALS Vial : 18 Sample Multiplier: 1

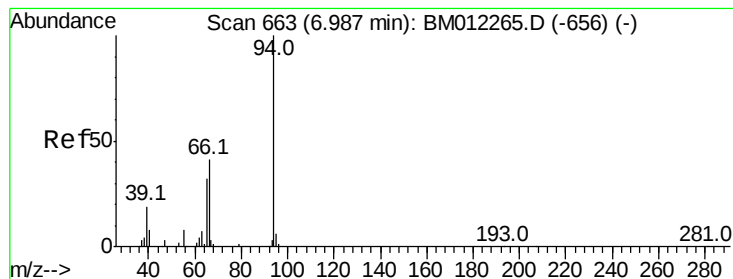
Instrument :
BNA_M
ClientSampled :
C0B64

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#6

Phenol

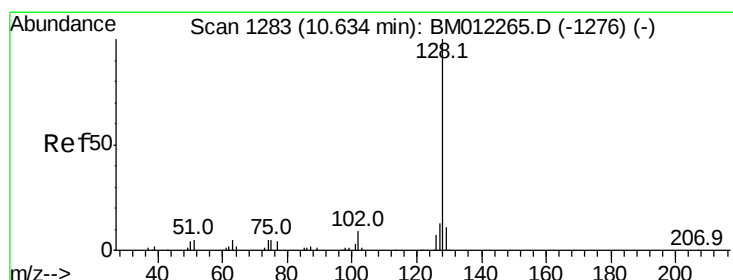
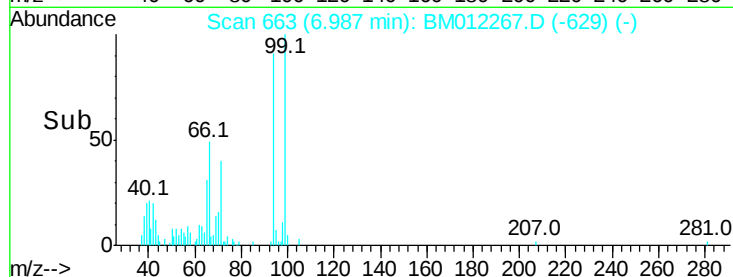
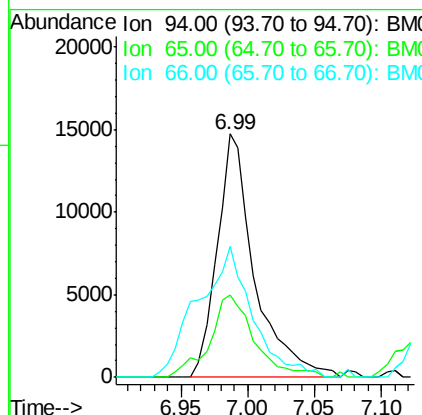
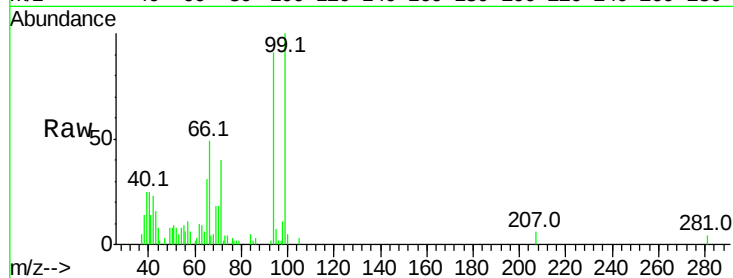
Concen: 1.421 ng/ul
 RT: 6.99 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BM012267.D
 Acq: 18 Oct 2017 02:22

Instrument :
 BNA_M
 ClientSampled :
 C0B64

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.7	24.4	36.6
66	53.6	35.0	52.4

Manual Integrations
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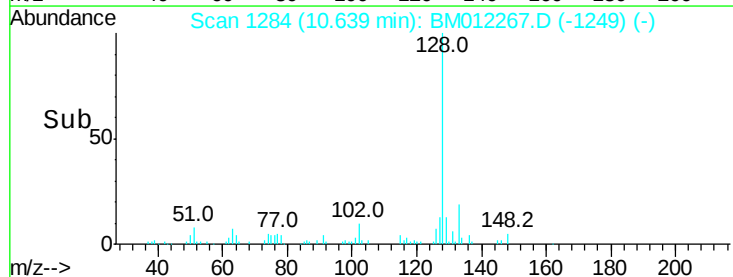
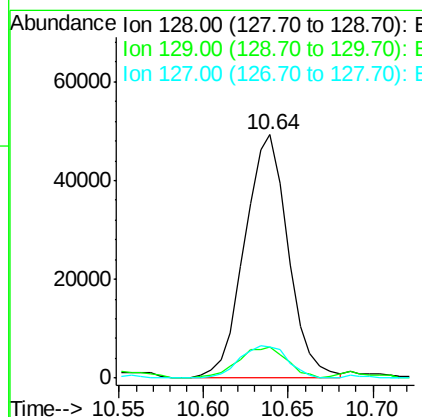
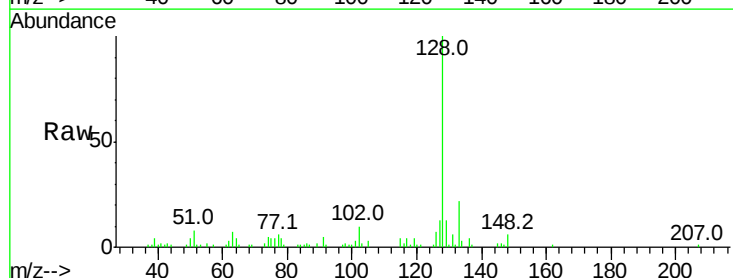


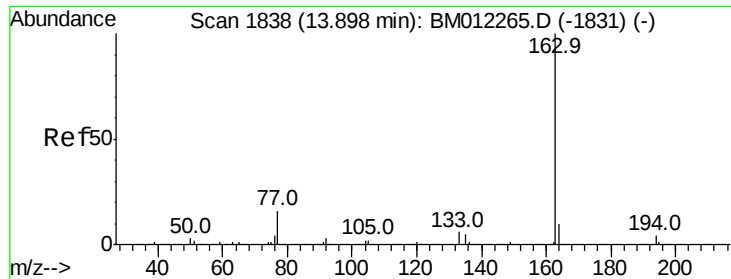
#28

Naphthalene

Concen: 2.210 ng/ul
 RT: 10.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BM012267.D
 Acq: 18 Oct 2017 02:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.2	13.8
127	13.0	11.4	17.0





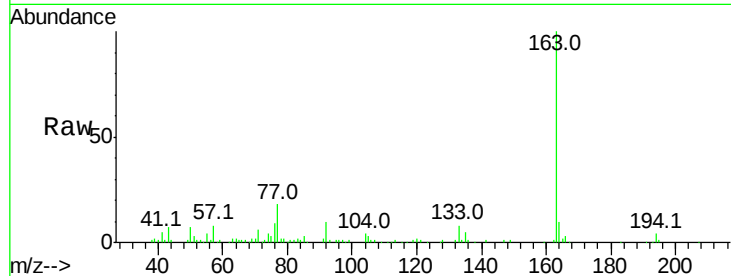
#44
Dimethylphthalate
Concen: 3.448 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM012267.D
Acq: 18 Oct 2017 02:22

Instrument :
BNA_M
ClientSampled :
C0B64

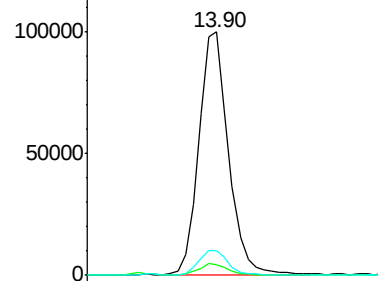
Tot Ion	Ratio	Resp	Lower	Upper
163	100	154117		
194	4.5		3.7	5.5
164	10.2		8.1	12.1

Manual Integrations
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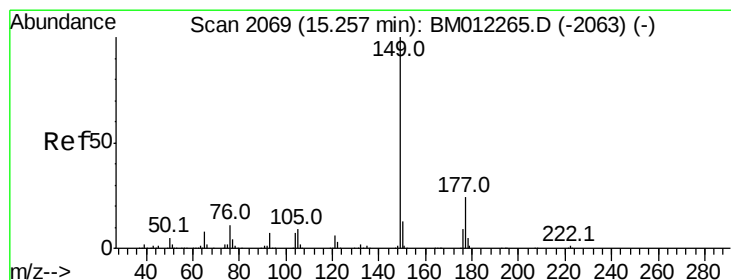
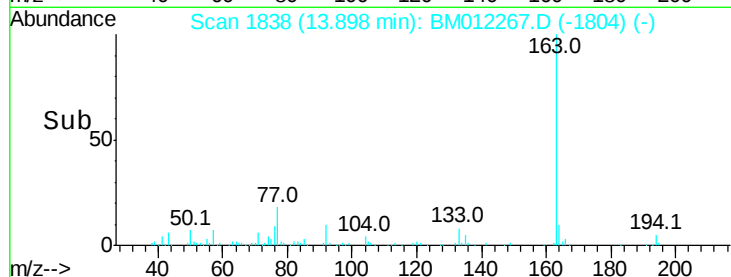
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

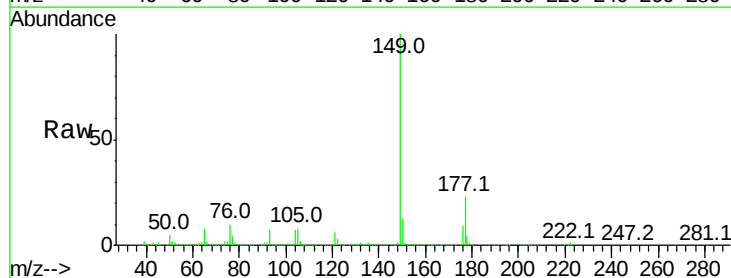


Time-->

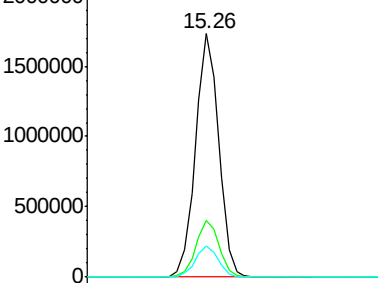


#56
Diethylphthalate
Concen: 45.324 ng/ul
RT: 15.26 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM012267.D
Acq: 18 Oct 2017 02:22

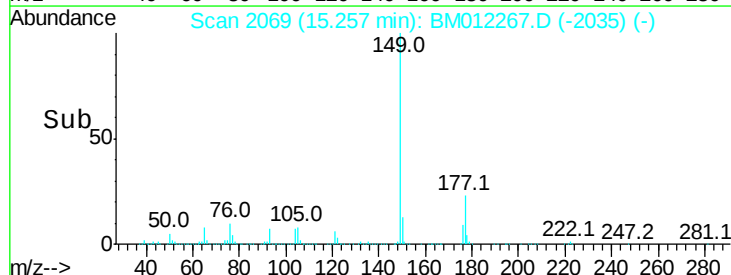
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2189939		
177	23.3		18.7	28.1
150	12.5		10.0	15.0

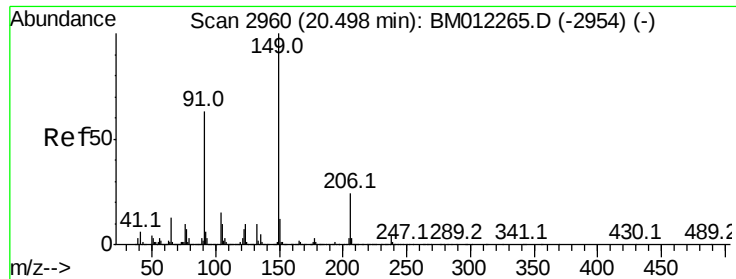


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->





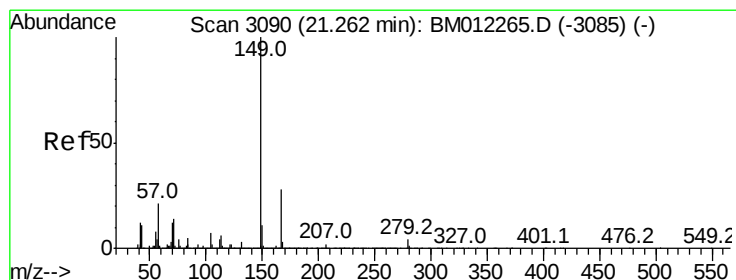
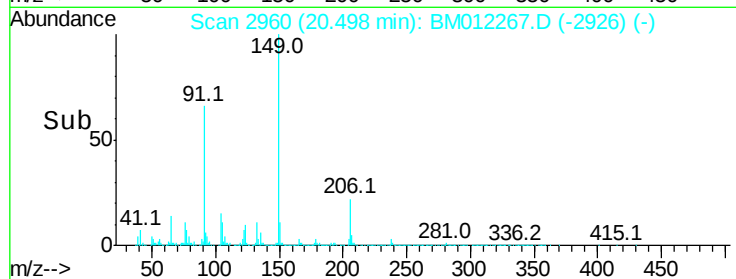
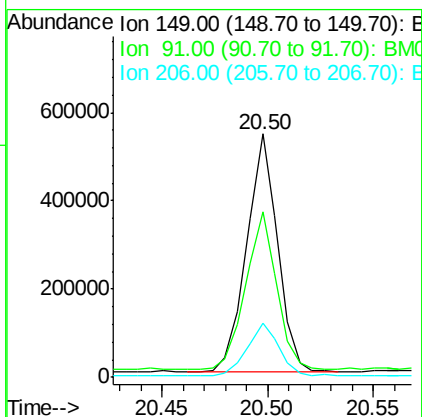
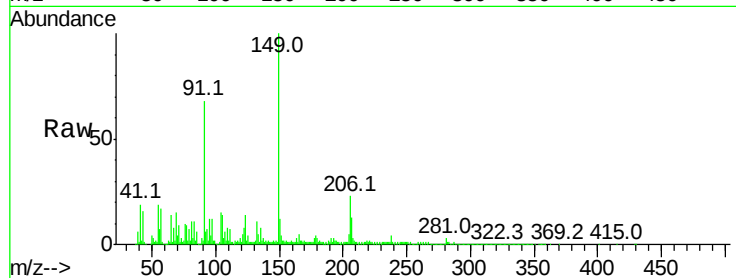
#78
 Butylbenzylphthalate
 Concen: 13.243 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. -0.00 min
 Lab File: BM012267.D
 Acq: 18 Oct 2017 02:22

Instrument :
 BNA_M
 ClientSampled :
 C0B64

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	52.8	79.2
206	22.5	19.1	28.7

Manual Integrations
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 32.837 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM012267.D
 Acq: 18 Oct 2017 02:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.2	4.4	6.6#

