

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013073.D
 Acq On : 21 Nov 2017 08:51
 Operator : SJ/JU
 Sample : I6405-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2T0

Manual Integrations
 APPROVED

Sohil
 11/22/2017 1:00:16 PM

Quant Time: Nov 22 11:50:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 07:39:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	253944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	993704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	521002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1052322	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1004076	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1004583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32892	6.00	ng/uL	0.00
5) Phenol-d5	6.90	99	126170	5.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	349592	28.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	404485	23.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	243981	13.54	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	244861	34.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	279021	41.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	450588	26.35	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	10939m	0.61	ng/ul	-0.02
43) Dimethylphthalate-d6	13.77	166	1296630	28.37	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1650138	28.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	45245m	6.53	ng/ul	0.03
57) Fluorene-d10	15.35	176	1099116	28.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	163778	35.89	ng/ul	0.00
70) Anthracene-d10	17.20	188	1566187	29.07	ng/ul	0.00
76) Pyrene-d10	19.49	212	1582272	30.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1504307	29.53	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	42053	6.982	ng/uL#	63
8) Bis(2-Chloroethyl)ether	7.15	93	474355	29.020	ng/ul	98
28) Naphthalene	10.55	128	207069	4.044	ng/ul	98
49) Acenaphthene	14.42	153	41281	1.145	ng/ul	94
56) Diethylphthalate	15.19	149	47291	1.070	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	292410	8.851	ng/ul	99

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

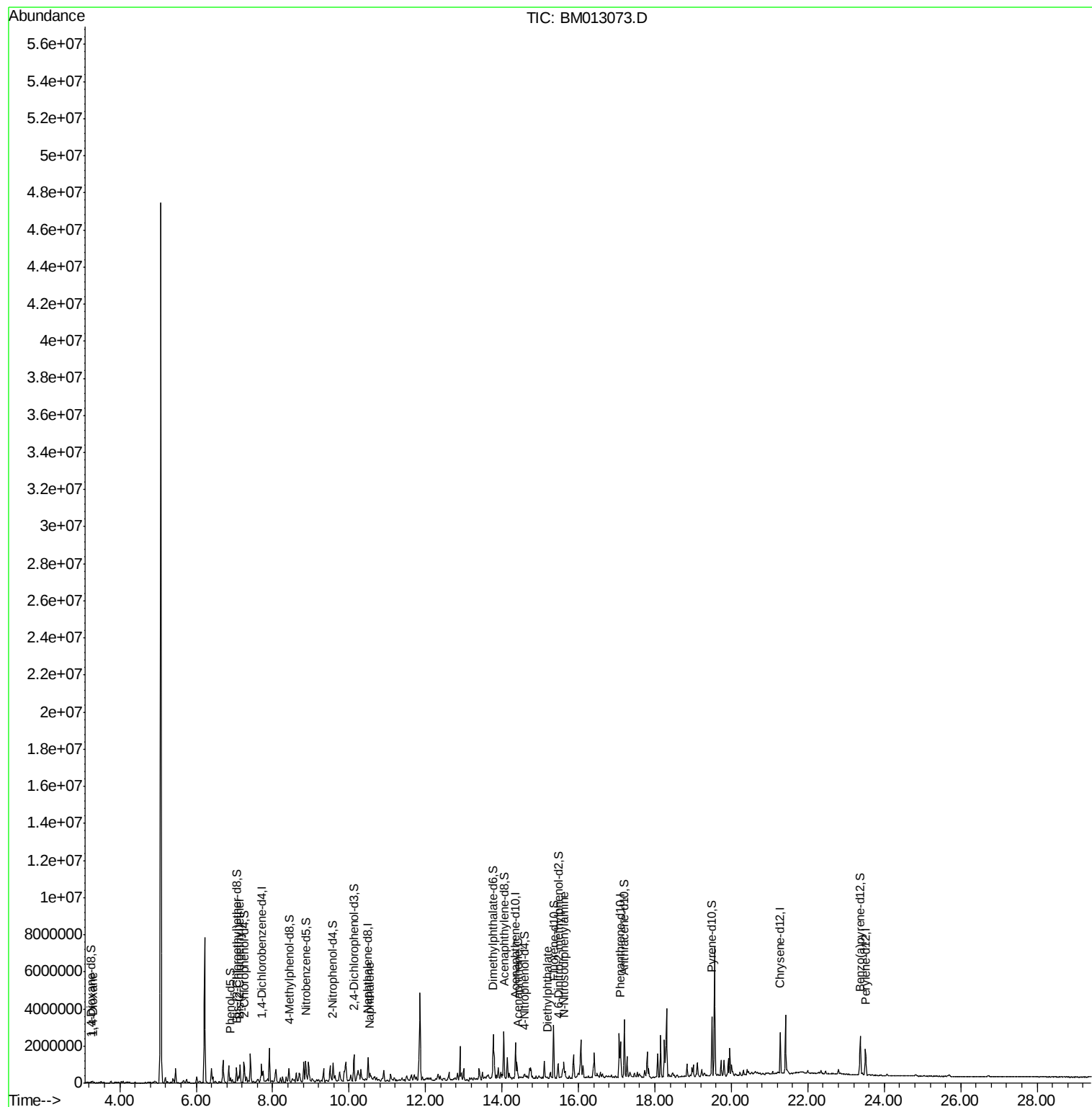
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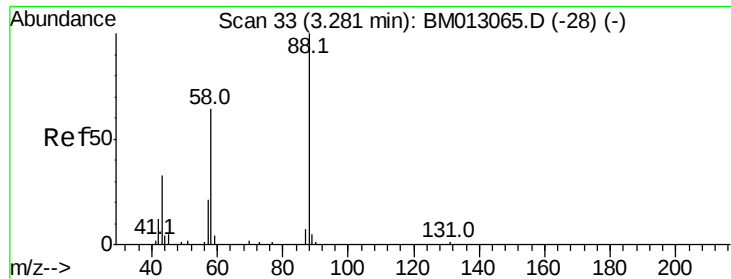
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#2

1,4-Dioxane

Concen: 6.982 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

Instrument :

BNA_M

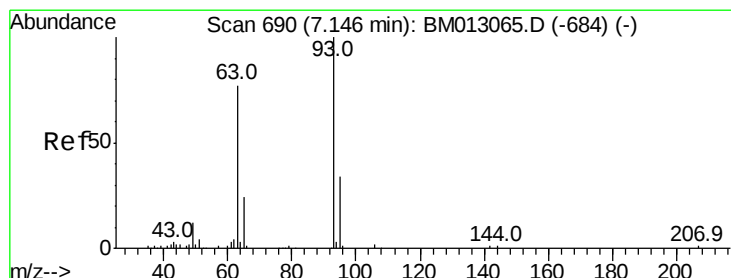
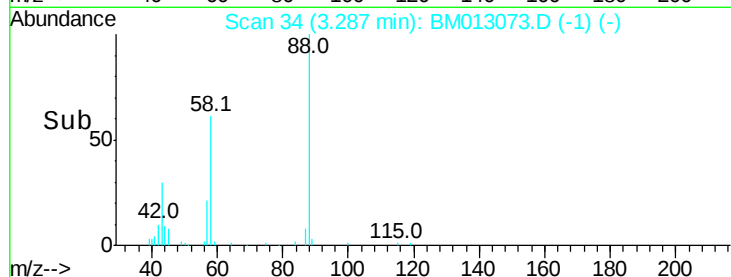
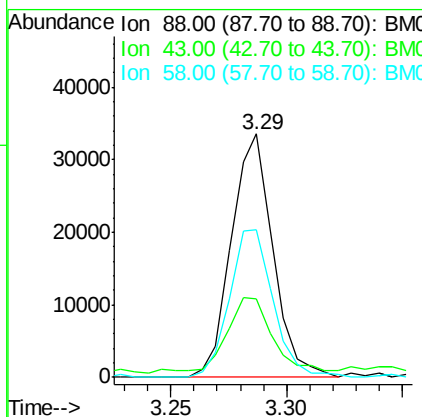
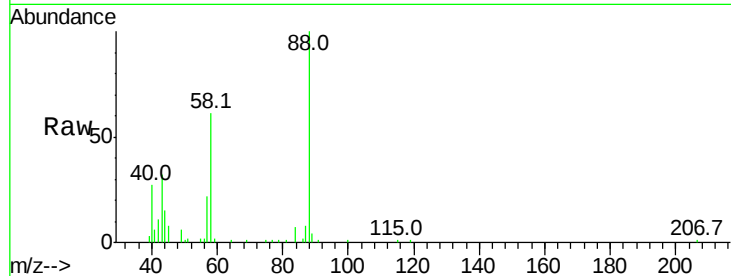
ClientSampleId :

BE2T0

Tot Ion:	88	Resp:	42053
Ion Ratio	Lower	Upper	
88	100		
43	31.4	48.0	72.0#
58	63.5	80.0	120.0#

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#8

Bis(2-Chloroethyl)ether

Concen: 29.020 ng/uL

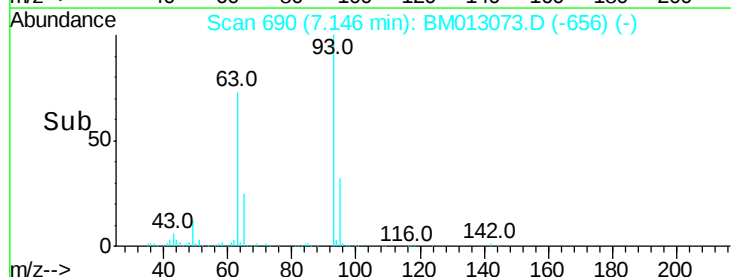
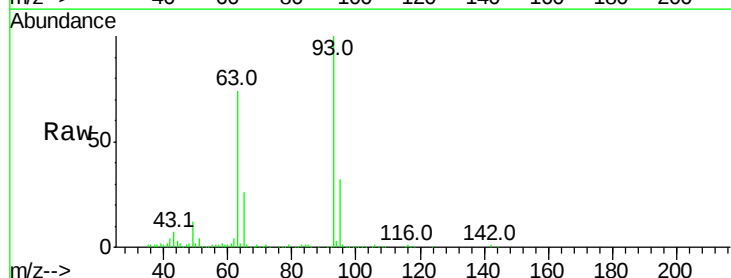
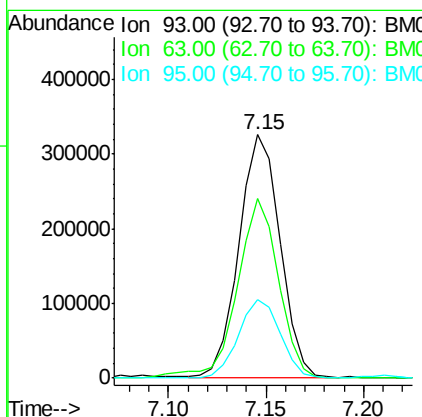
RT: 7.15 min Scan# 690

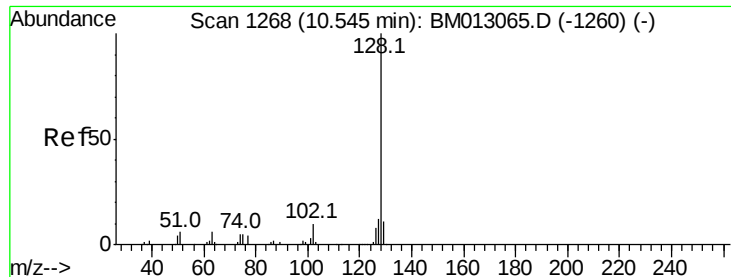
Delta R.T. 0.00 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

Tgt Ion:	93	Resp:	474355
Ion Ratio	Lower	Upper	
93	100		
63	73.5	57.3	85.9
95	32.4	26.6	39.8





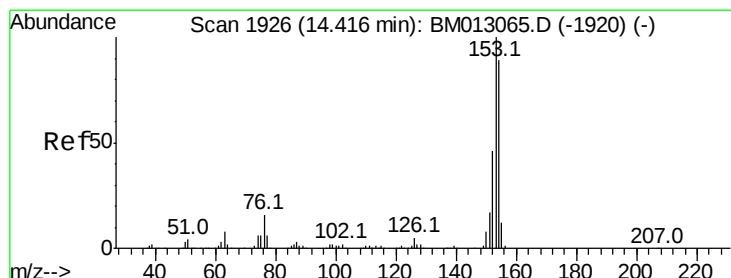
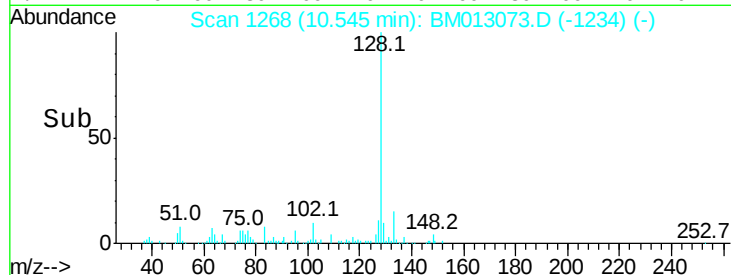
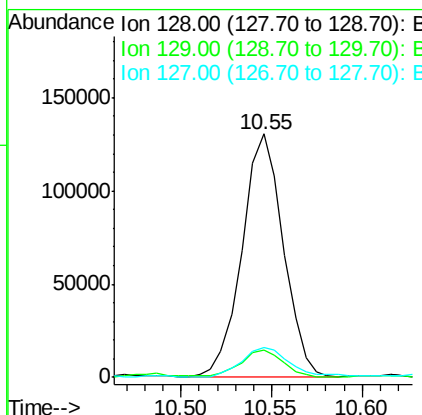
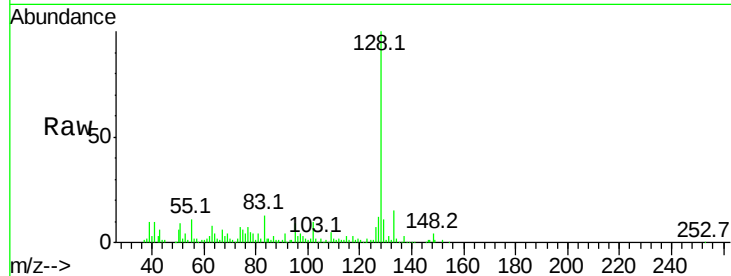
#28
Naphthalene
Concen: 4.044 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BM013073.D
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Instrument :
BNA_M
ClientSampleId :
BE2T0

Tot Ion	Ratio	Resp	Lower	Upper
128	100	207069		
129	11.0		8.8	13.2
127	12.1		10.6	16.0

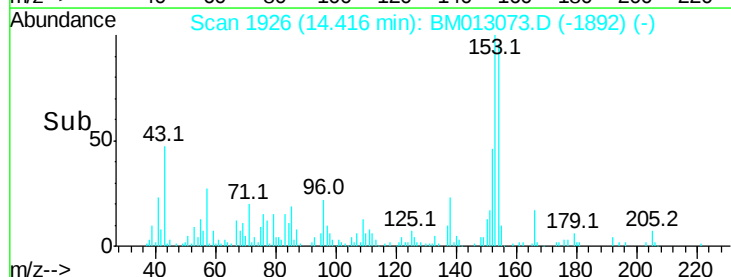
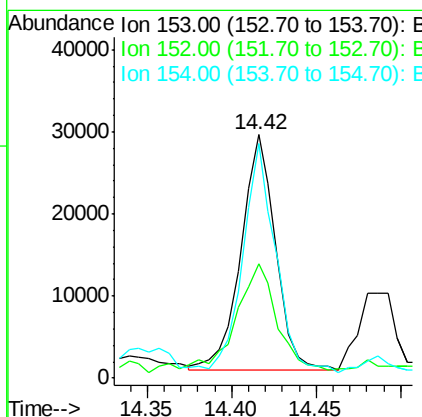
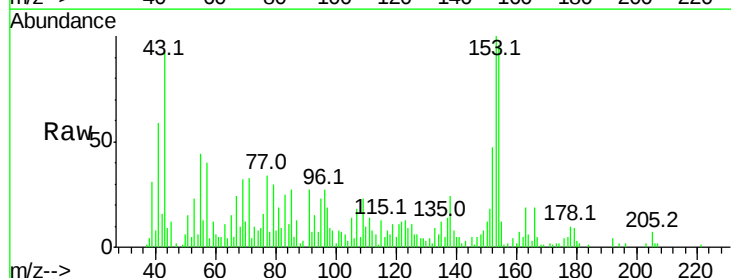
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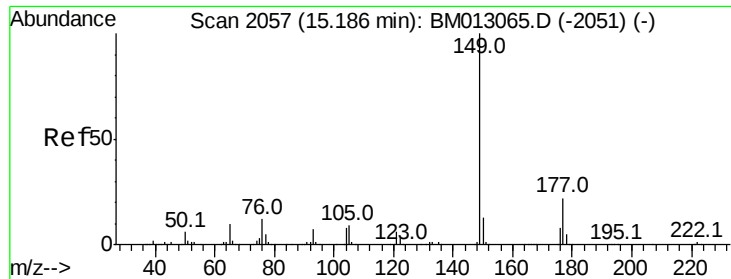
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#49
Acenaphthene
Concen: 1.145 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM013073.D
Acq: 21 Nov 2017 08:51

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	41281		
152	46.9		37.6	56.4
154	96.1		70.4	105.6





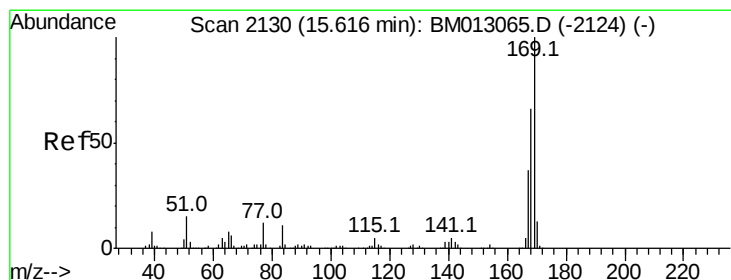
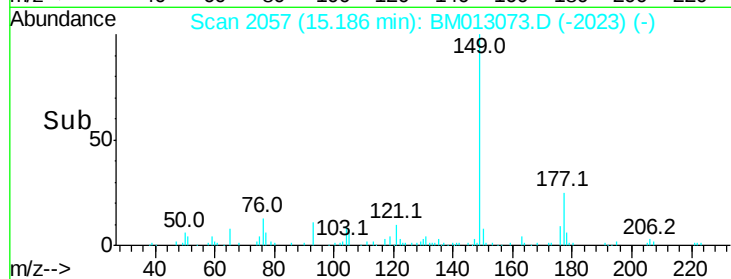
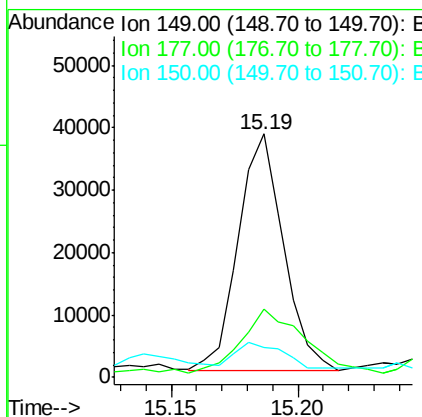
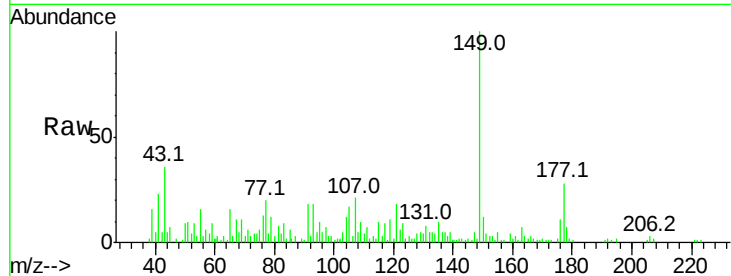
#56
Diethylphthalate
Concen: 1.070 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM013073.D
Acq: 21 Nov 2017 08:51

Instrument :
BNA_M
ClientSampled :
BE2T0

Tot Ion	Ratio	Lower	Upper
149	100		
177	28.3	20.5	30.7
150	12.2	10.6	15.8

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#64
N-Nitrosodiphenylamine
Concen: 8.851 ng/ul
RT: 15.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM013073.D
Acq: 21 Nov 2017 08:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.0	81.0
167	36.6	29.1	43.7

