

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
 Data File : BM013040.D
 Acq On : 18 Nov 2017 15:09
 Operator : SJ/JU
 Sample : I6405-09 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2T0

Quant Time: Nov 20 06:17:23 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 06:14:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	180774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	697723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	396212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	901562	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1058639	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1062996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1007	0.26	ng/uL	0.00
5) Phenol-d5	6.89	99	16964	1.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	46405	5.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	51028	4.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	30503	2.38	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	32827	6.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	32199	6.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	58359	4.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1516	0.12	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	197975	5.70	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	234199	5.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	6051	1.15	ng/ul	0.01
57) Fluorene-d10	15.35	176	162699	5.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	19835	5.07	ng/ul	-0.01
70) Anthracene-d10	17.20	188	255182	5.53	ng/ul	0.00
76) Pyrene-d10	19.49	212	295128	5.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	289789	5.38	ng/ul	0.00

Target Compounds

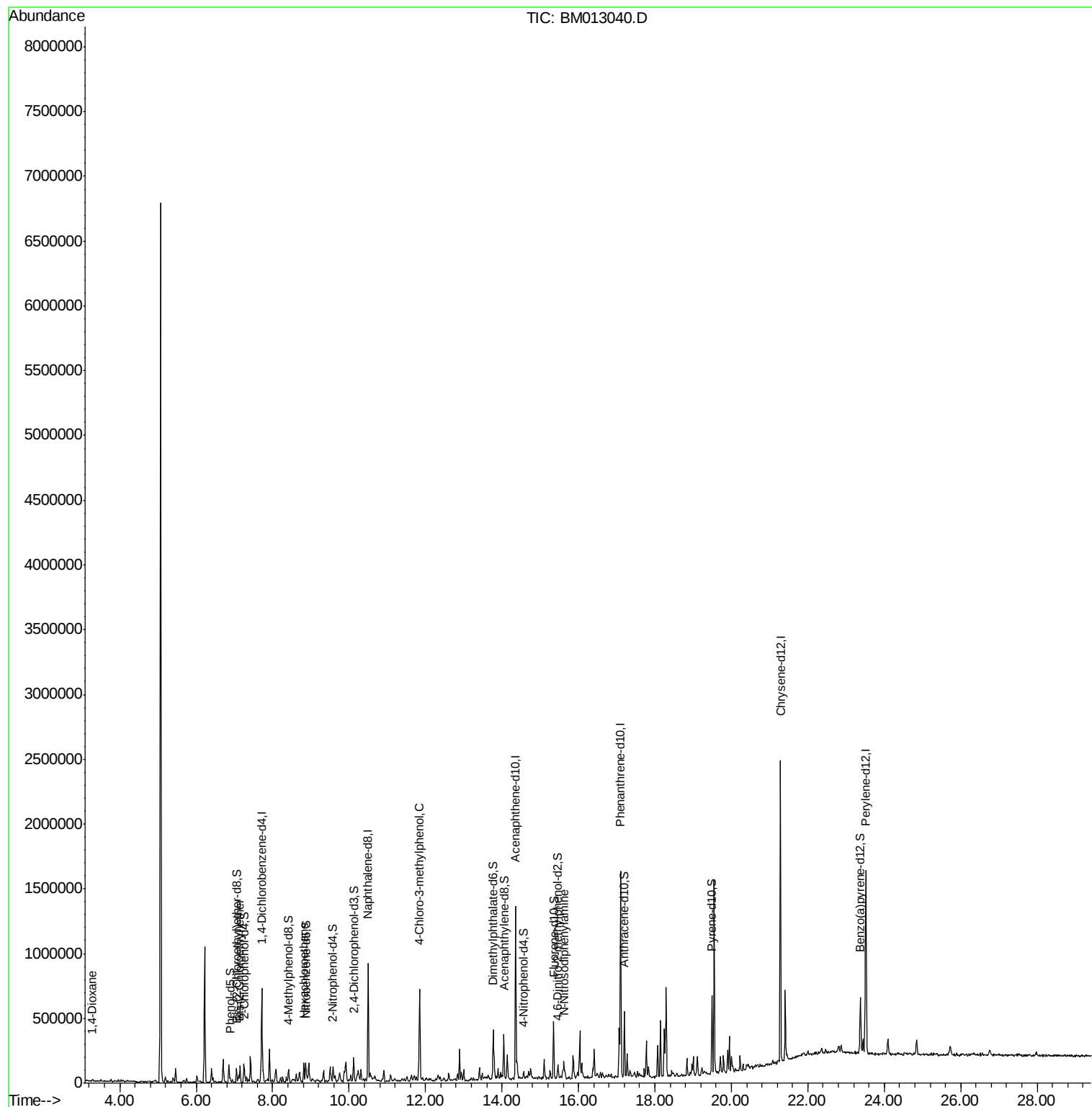
						Qvalue
2) 1,4-Dioxane	3.29	88	6311	1.47	ng/uL#	79
8) Bis(2-Chloroethyl)ether	7.15	93	62584	5.38	ng/ul	96
17) Hexachloroethane	8.82	117	10158	1.94	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.85	107	152198	12.81	ng/ul#	21
64) N-Nitrosodiphenylamine	15.62	169	45692	1.61	ng/ul	91

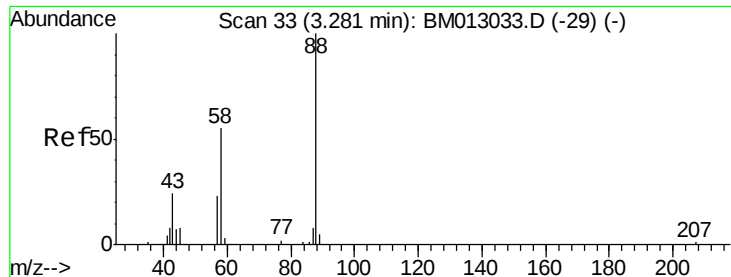
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.47 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM013040.D

Acq: 18 Nov 2017 15:09

Instrument :

BNA_M

ClientSampleId :

BE2T0

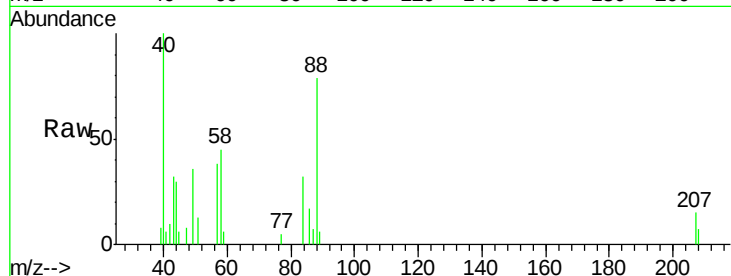
Tgt Ion: 88 Resp: 6311

Ion Ratio Lower Upper

88 100

43 56.9 48.0 72.0

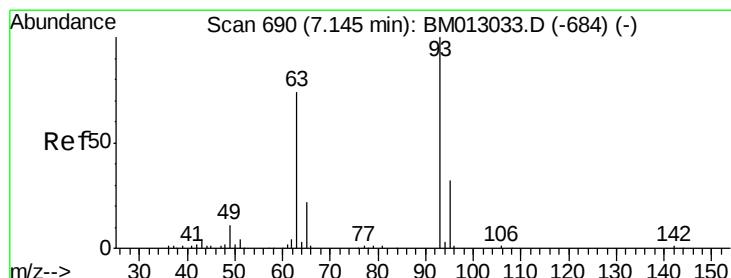
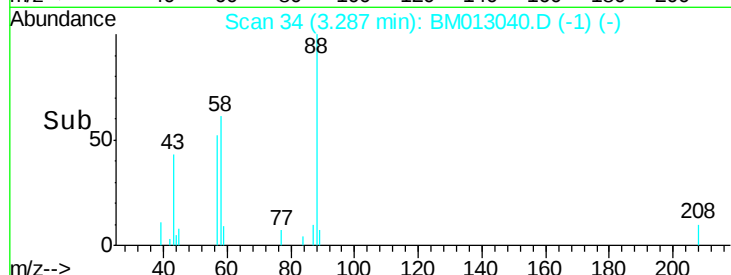
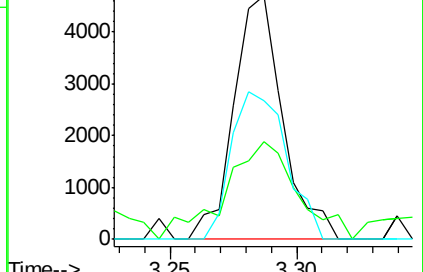
58 68.2 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013033.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM013033.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM013033.D (-29) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 5.38 ng/uL

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM013040.D

Acq: 18 Nov 2017 15:09

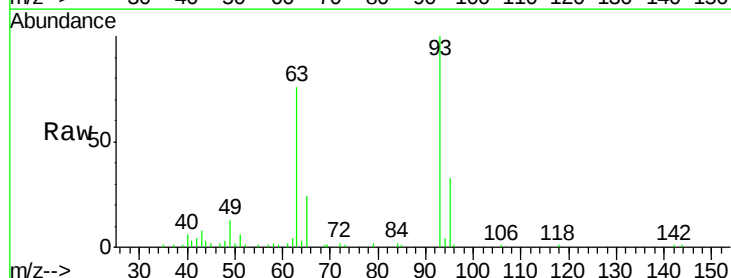
Tgt Ion: 93 Resp: 62584

Ion Ratio Lower Upper

93 100

63 75.8 57.3 85.9

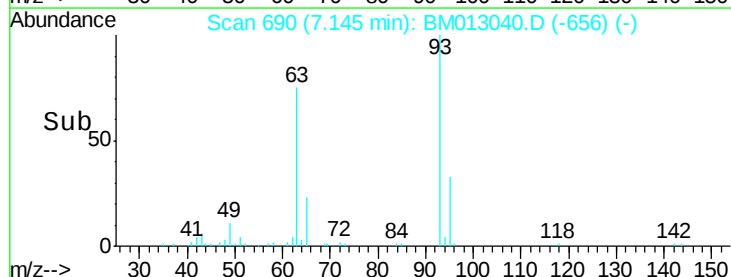
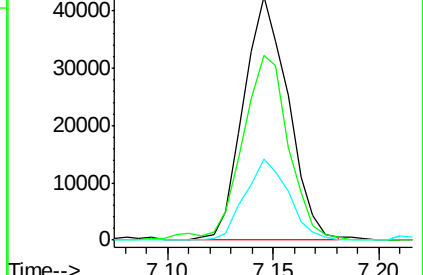
95 33.4 26.6 39.8

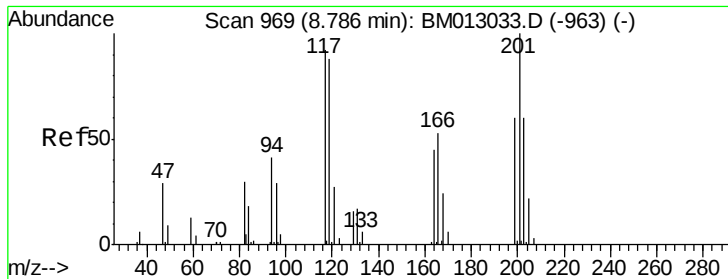


Abundance Ion 93.00 (92.70 to 93.70): BM013033.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013033.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013033.D (-684) (-)





#17

Hexachloroethane

Concen: 1.94 ng/ul

RT: 8.82 min Scan# 975

Delta R.T. 0.04 min

Lab File: BM013040.D

Acq: 18 Nov 2017 15:09

Instrument :

BNA_M

ClientSampleId :

BE2T0

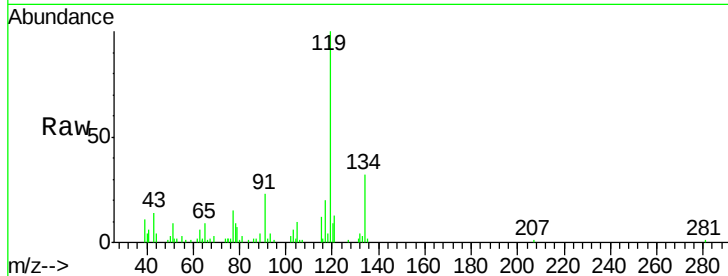
Tgt Ion:117 Resp: 10158

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

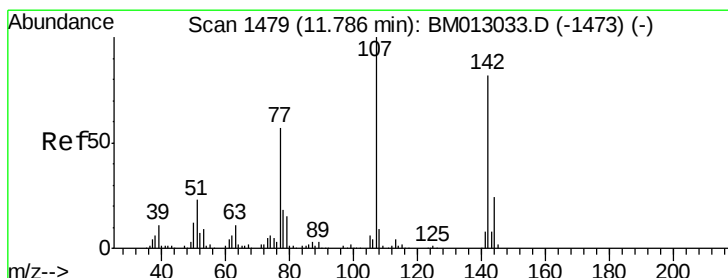
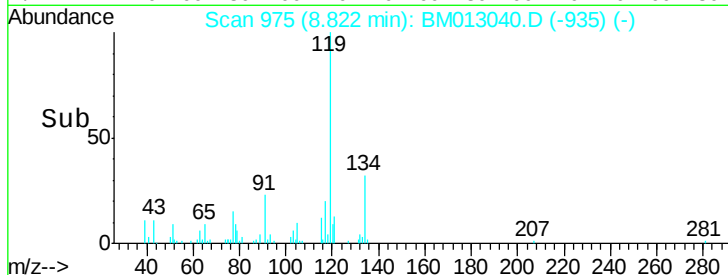
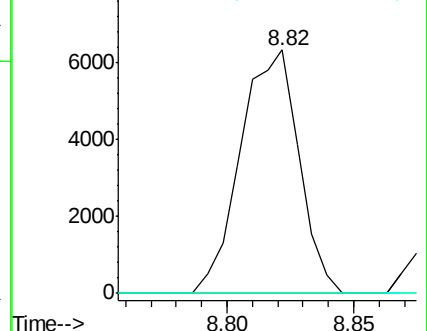
199 0.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#33

4-Chloro-3-methylphenol

Concen: 12.81 ng/ul

RT: 11.85 min Scan# 1489

Delta R.T. 0.06 min

Lab File: BM013040.D

Acq: 18 Nov 2017 15:09

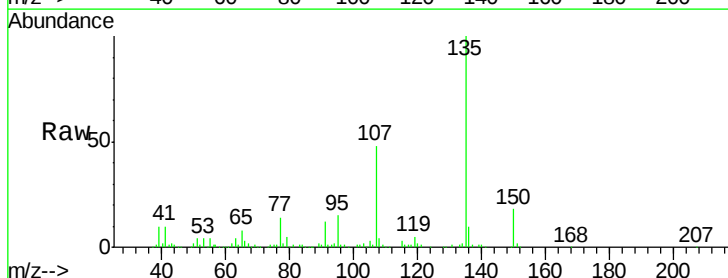
Tgt Ion:107 Resp: 152198

Ion Ratio Lower Upper

107 100

144 0.0 20.4 30.6#

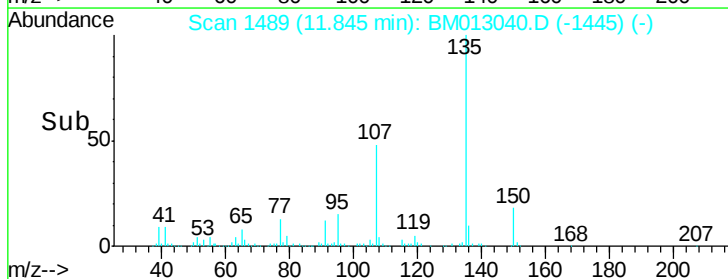
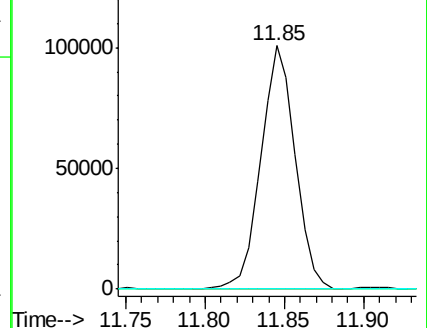
142 0.0 60.5 90.7#

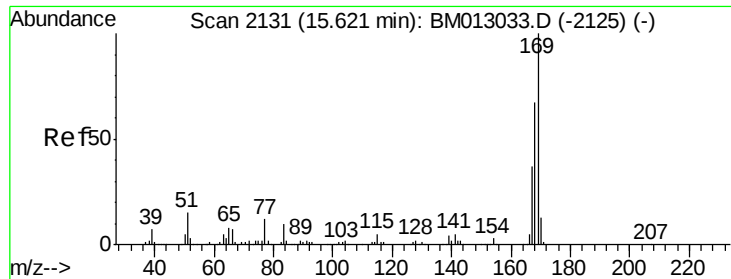


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#64
 N-Nitrosodiphenylamine
 Concen: 1.61 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM013040.D
 Acq: 18 Nov 2017 15:09

Instrument :
 BNA_M
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Tgt Ion	Resp	Lower	Upper
169	45692		
168	61.7	54.0	81.0
167	29.8	29.1	43.7

