

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013029.D
 Acq On : 18 Nov 2017 08:39
 Operator : SJ/JU
 Sample : I6405-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 20 00:30:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 03:21:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	146404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	587963	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	345025	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	823847	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1014581	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1010779	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	22888	7.24	ng/uL	0.00
5) Phenol-d5	6.89	99	84200	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	221754	30.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	251961	24.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	163347	15.72	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	153204	36.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	155560	39.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	307694	30.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	3851	0.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1048334	34.64	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1237670	32.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	36433	7.94	ng/ul	0.00
57) Fluorene-d10	15.35	176	903644	35.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	143047	40.05	ng/ul	0.00
70) Anthracene-d10	17.20	188	1442545	34.20	ng/ul	0.00
76) Pyrene-d10	19.50	212	1694766	32.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	1798206	35.08	ng/ul	0.00

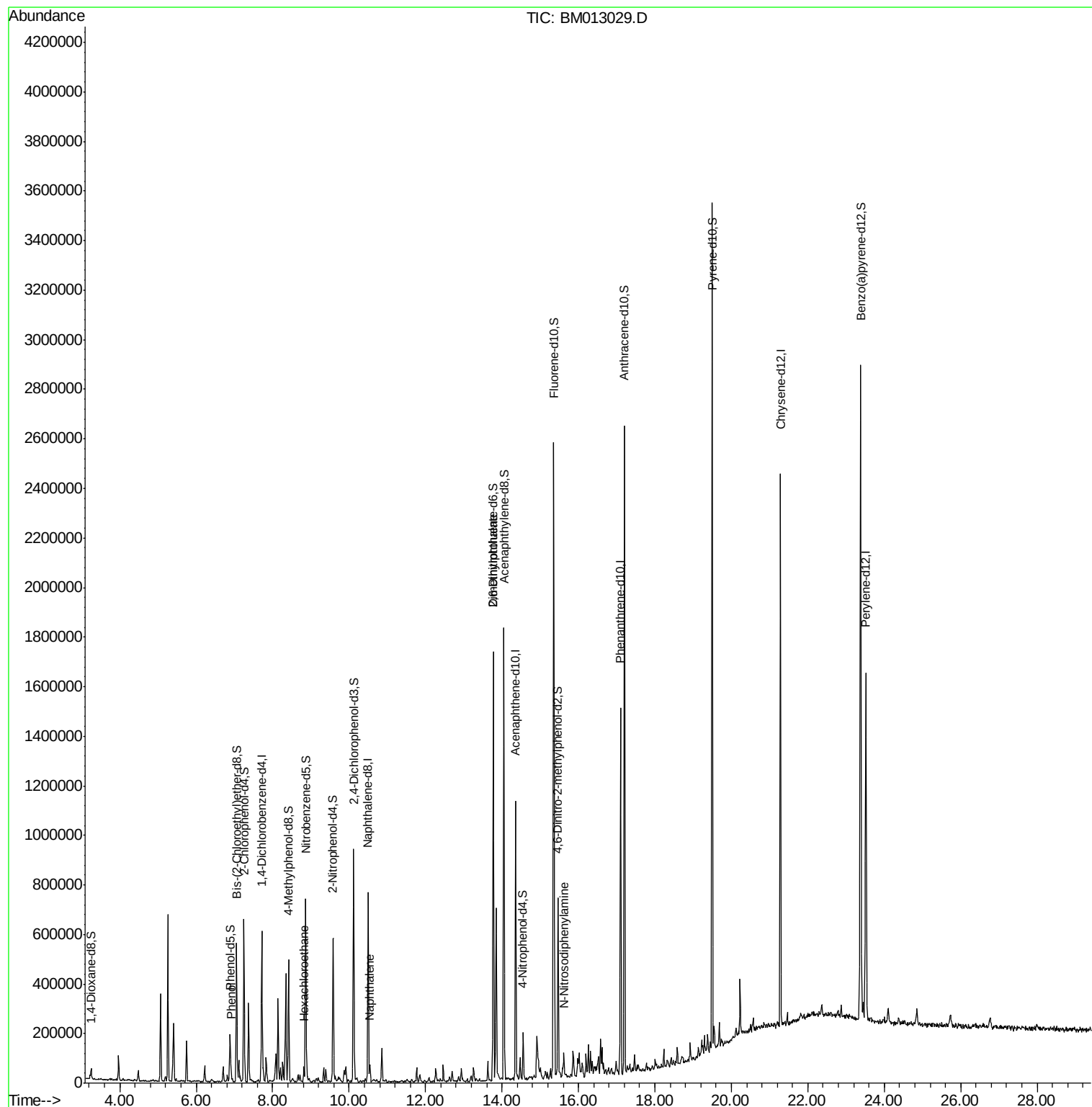
Target Compounds				Ovalue		
6) Phenol	6.91	94	27650	2.21	ng/ul#	89
17) Hexachloroethane	8.81	117	5463	1.29	ng/ul#	1
28) Naphthalene	10.55	128	42821	1.41	ng/ul	98
45) 2,6-Dinitrotoluene	13.77	165	6713	1.52	ng/ul#	5
64) N-Nitrosodiphenylamine	15.62	169	34047	1.32	ng/ul	92

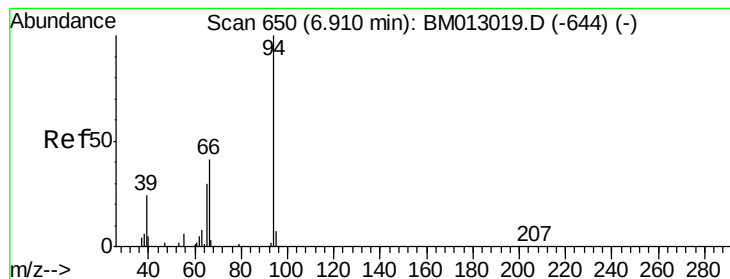
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.21 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM013029.D

Acq: 18 Nov 2017 08:39

Instrument :

BNA_M

ClientSampled :

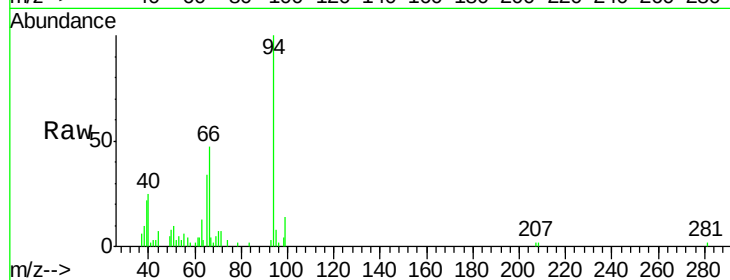
Tot Ion: 94 Resp: 27650

Ion Ratio Lower Upper

94 100

65 34.3 28.2 42.4

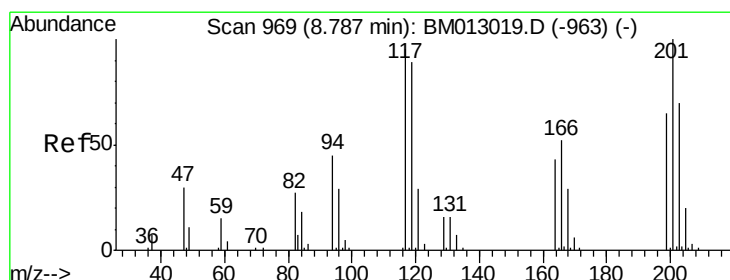
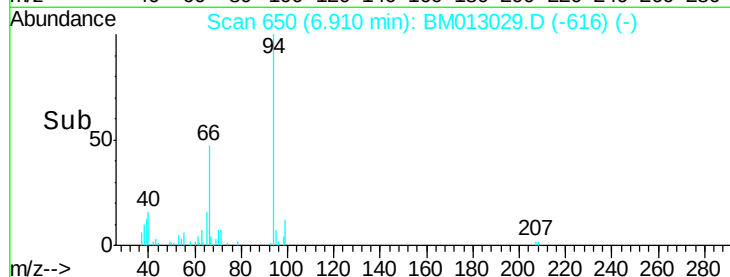
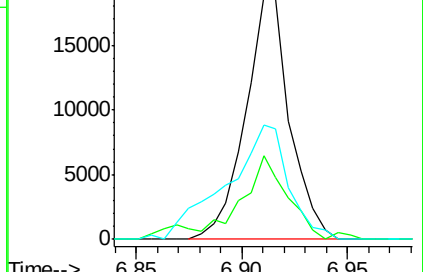
66 46.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013019.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013019.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013019.D (-644) (-)



#17

Hexachloroethane

Concen: 1.29 ng/ul

RT: 8.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BM013029.D

Acq: 18 Nov 2017 08:39

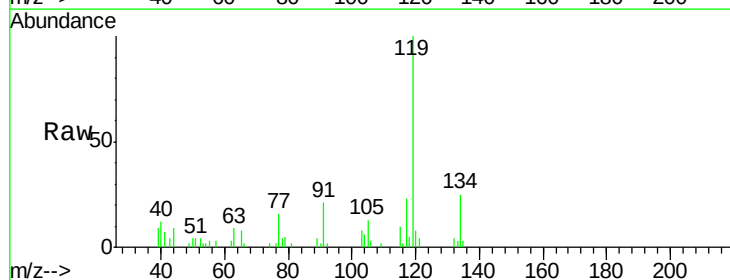
Tgt Ion: 117 Resp: 5463

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

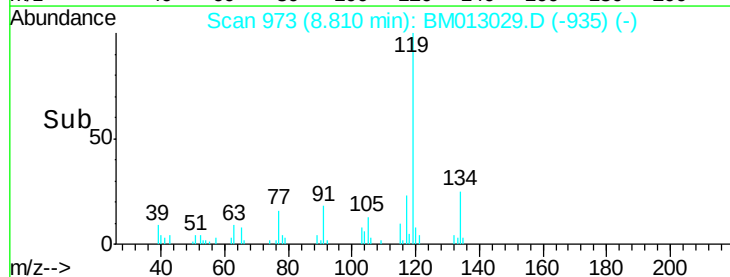
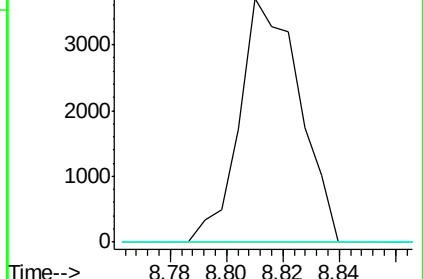
199 0.0 67.8 101.6#

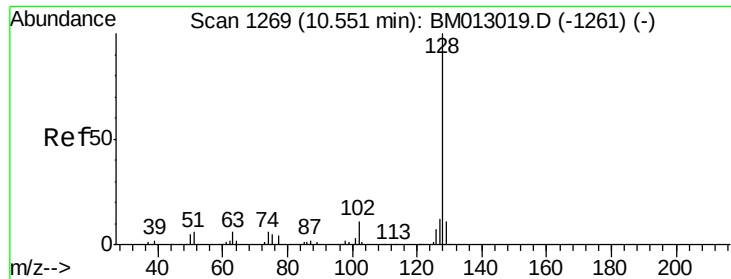


Abundance Ion 117.00 (116.70 to 117.70): BM013019.D (-963) (-)

Ion 201.00 (200.70 to 201.70): BM013019.D (-963) (-)

Ion 199.00 (198.70 to 199.70): BM013019.D (-963) (-)

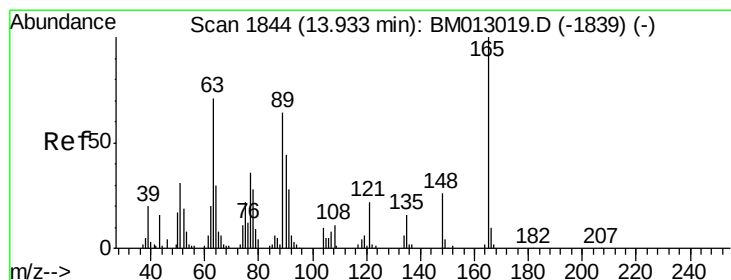
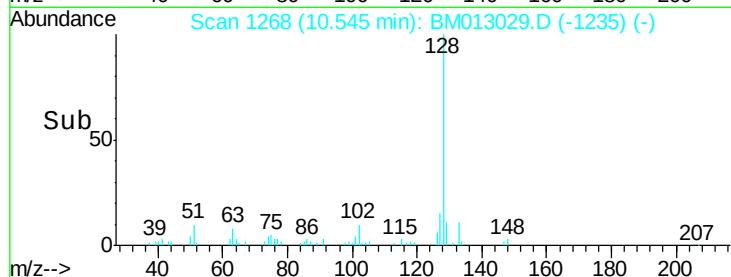
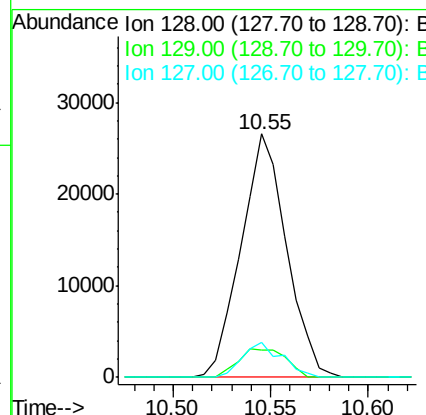
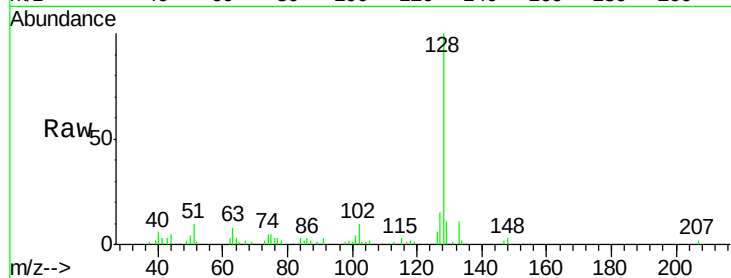




#28
Naphthalene
Concen: 1.41 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM013029.D
Acq: 18 Nov 2017 08:39

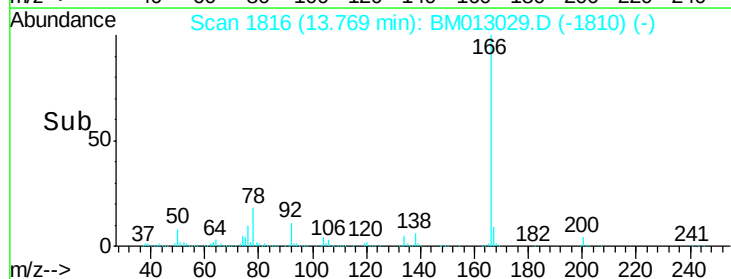
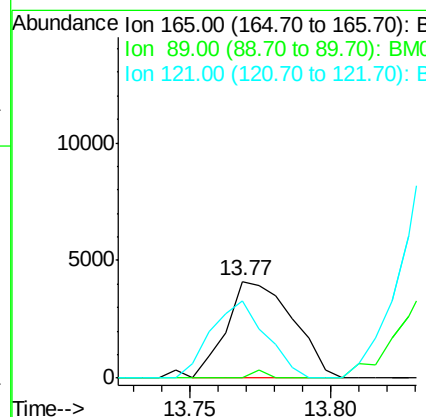
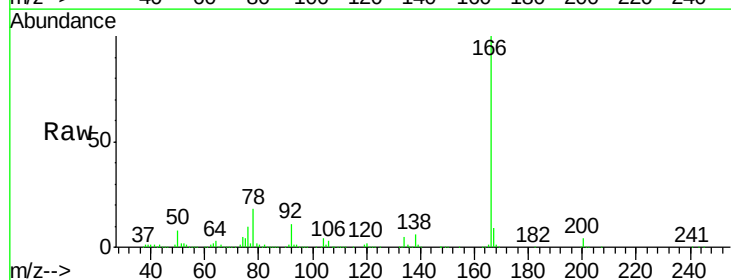
Instrument :
BNA_M
ClientSampleId :

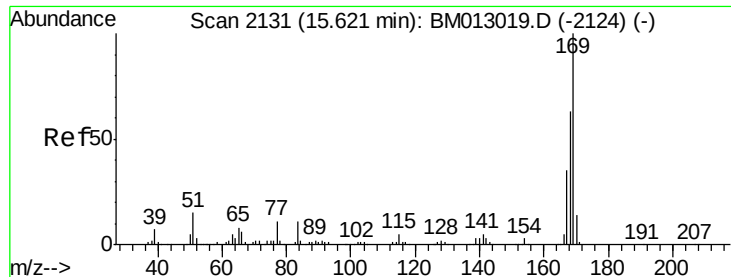
Tot Ion:128 Resp: 42821
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.6 10.6 16.0



#45
2,6-Dinitrotoluene
Concen: 1.52 ng/ul
RT: 13.77 min Scan# 1816
Delta R.T. -0.16 min
Lab File: BM013029.D
Acq: 18 Nov 2017 08:39

Tgt Ion:165 Resp: 6713
Ion Ratio Lower Upper
165 100
89 0.0 52.6 79.0#
121 79.6 14.6 22.0#

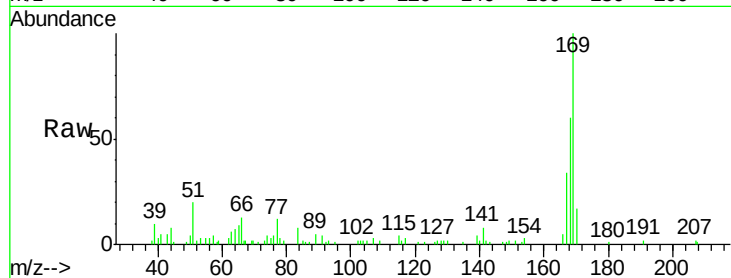




#64
 N-Nitrosodiphenylamine
 Concen: 1.32 ng/ul
 RT: 15.62 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BM013029.D
 Acq: 18 Nov 2017 08:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	59.8	54.0	81.0
167	34.1	29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

