

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008788.D
 Acq On : 22 Jan 2017 01:39
 Operator : UM/SJ
 Sample : I1323-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9S3

Quant Time: Jan 23 05:03:14 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 04:58:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	366551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	278602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	618734	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	831958	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	762533	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.40	96	2538	1.31	ng/uL	0.00
5) Phenol-d5	7.10	99	45468	6.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	188299	37.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	131228	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	86639	15.25	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	87485	38.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	99447	40.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	172971	30.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	5581	0.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	663249	36.08	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	754044	34.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	17470	5.81	ng/ul	0.00
57) Fluorene-d10	15.57	176	581856	34.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	150039	47.04	ng/ul	0.00
70) Anthracene-d10	17.42	188	1011259	37.94	ng/ul	0.00
76) Pyrene-d10	19.71	212	1243980	33.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1157075	37.20	ng/ul	0.00

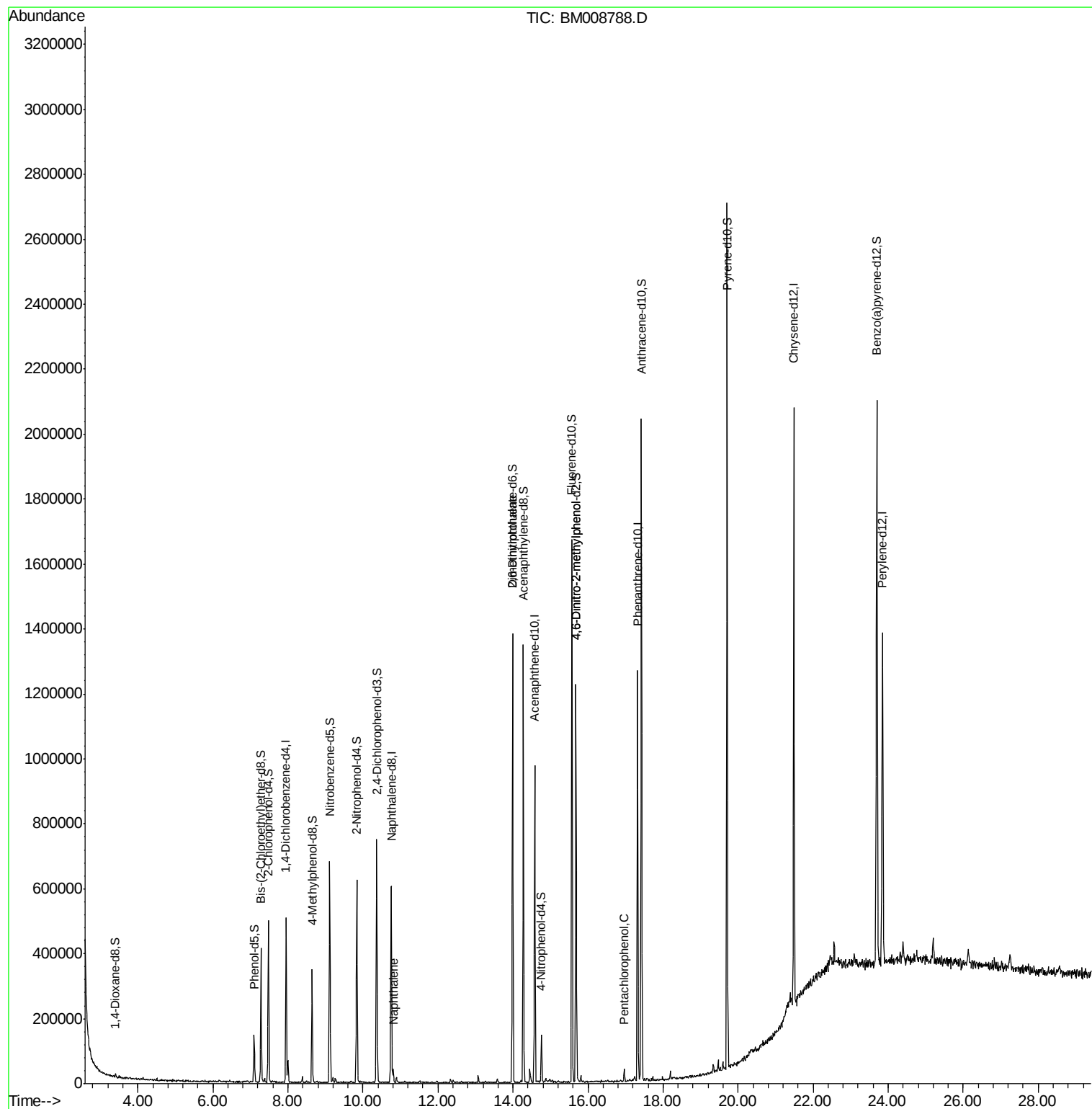
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.80	128	20953	1.25	ng/ul#	94
45) 2,6-Dinitrotoluene	13.99	165	5237	1.63	ng/ul#	27
63) 4,6-Dinitro-2-methylphenol	15.69	198	65827	19.52	ng/ul#	88
68) Pentachlorophenol	16.97	266	6028	1.34	ng/ul#	86

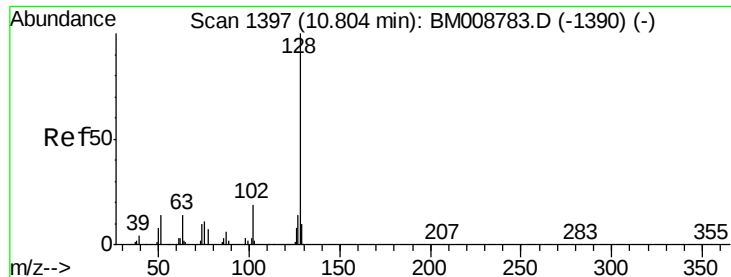
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.25 ng/ul

RT: 10.80 min Scan# 1397

Delta R.T. 0.00 min

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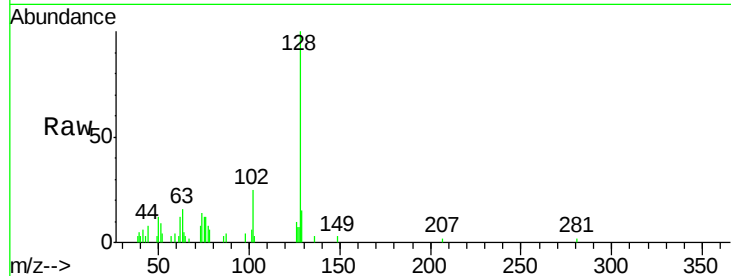
Tgt Ion:128 Resp: 20953

Ion Ratio Lower Upper

128 100

129 14.7 8.3 12.5#

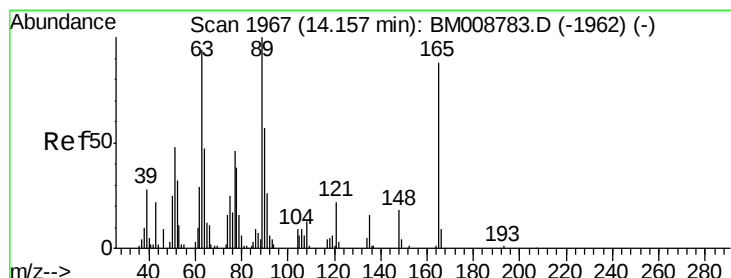
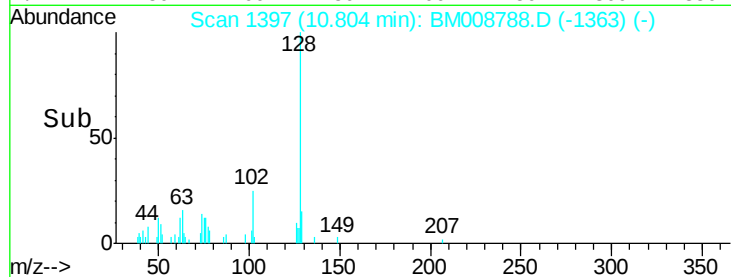
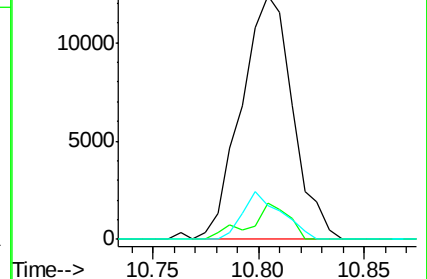
127 14.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

2,6-Dinitrotoluene

Concen: 1.63 ng/ul

RT: 13.99 min Scan# 1939

Delta R.T. -0.16 min

Lab File: BM008788.D

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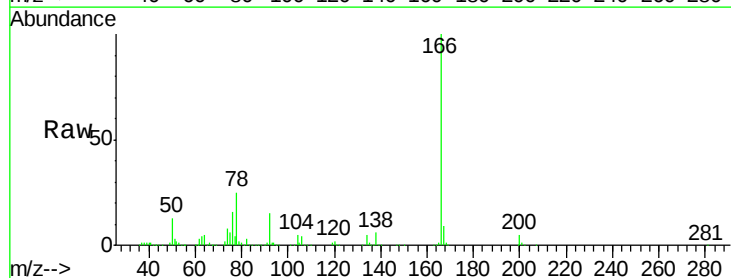
Tgt Ion:165 Resp: 5237

Ion Ratio Lower Upper

165 100

89 0.0 50.6 76.0#

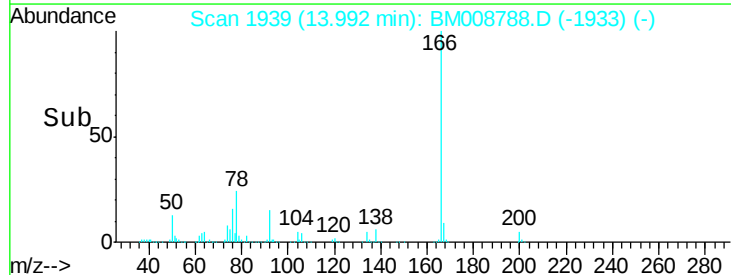
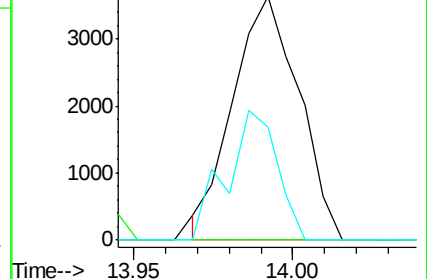
121 46.4 18.2 27.2#

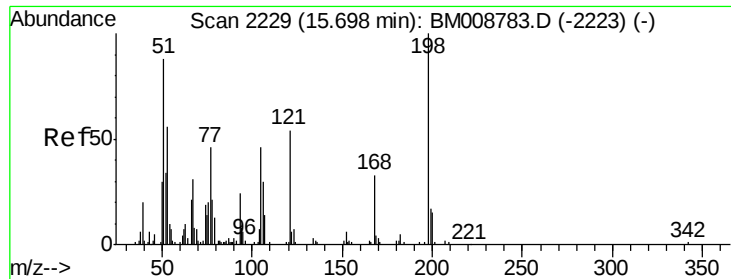


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E

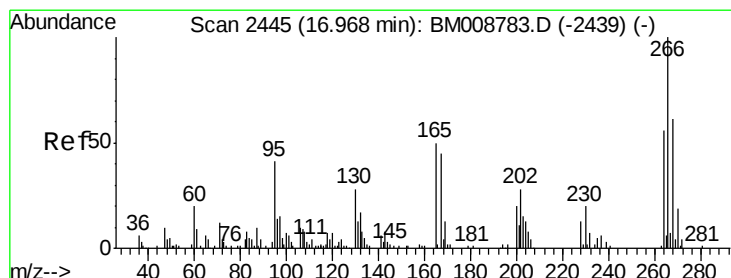
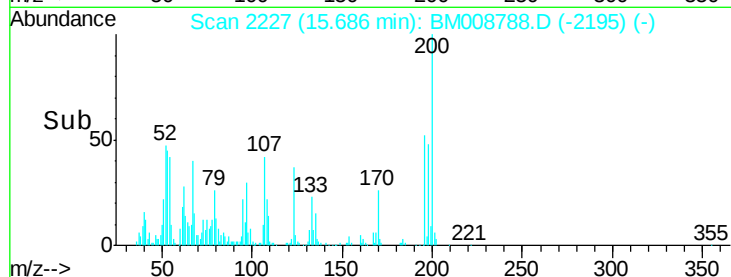
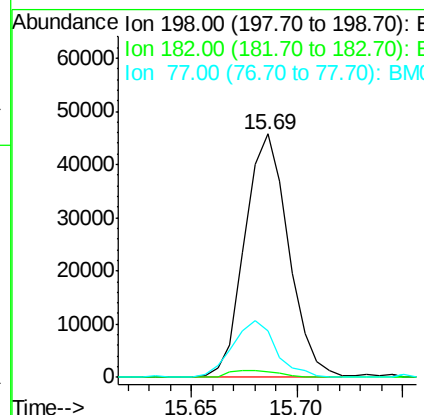
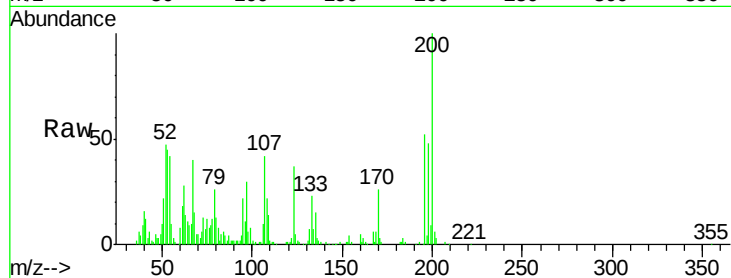




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.52 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM008788.D
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Tgt Ion:198 Resp: 65827
 Ion Ratio Lower Upper
 198 100
 182 2.3 4.4 6.6#
 77 19.1 20.5 30.7#



#68
 Pentachlorophenol
 Concen: 1.34 ng/ul
 RT: 16.97 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BM008788.D
 Acq: 22 Jan 2017 01:39

Tgt Ion:266 Resp: 6028
 Ion Ratio Lower Upper
 266 100
 264 45.0 50.6 75.8#
 268 58.5 49.1 73.7

