

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005402.D
 Acq On : 12 May 2016 00:20
 Operator : UM/SJ
 Sample : H2890-23
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X12

Quant Time: May 12 04:56:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	65393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	308442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	195569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	483551	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	534654	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	414778	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	1331	0.96	ng/uL	0.00
5) Phenol-d5	6.94	99	38220	6.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	98515	29.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	109815	24.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	76805	15.67	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	76653	34.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	78627	31.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	133781	28.87	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	43080	7.72	ng/ul	-0.03
43) Dimethylphthalate-d6	13.82	166	486090	31.01	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	572417	31.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	19951	6.97	ng/ul	0.02
57) Fluorene-d10	15.40	176	431885	31.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	85153	31.30	ng/ul	0.00
70) Anthracene-d10	17.25	188	688302	32.20	ng/ul	0.00
76) Pyrene-d10	19.54	212	804740	32.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	591219	32.20	ng/ul	0.00

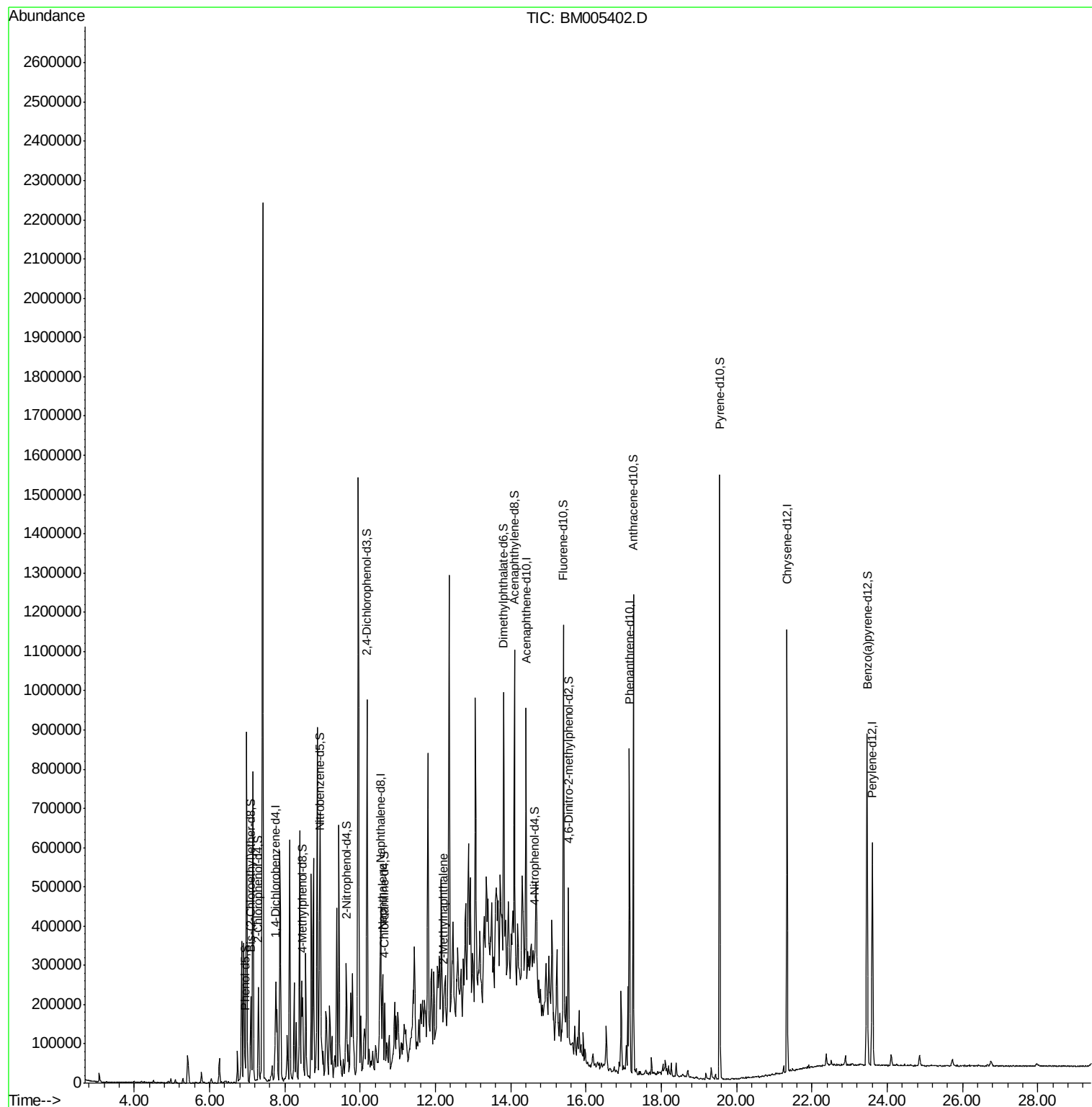
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.59	128	83770	5.40	ng/ul#	90
34) 2-Methylnaphthalene	12.21	142	27301	2.35	ng/ul	96

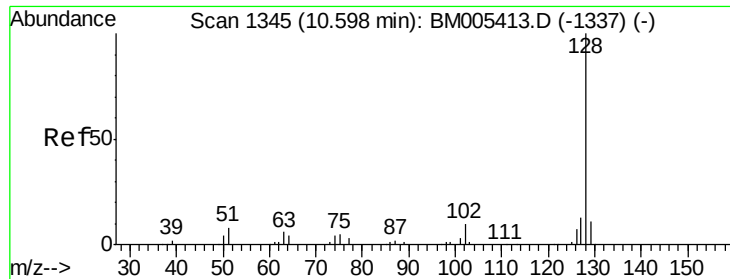
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 5.40 ng/ul

RT: 10.59 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BM005402.D

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BNA_M

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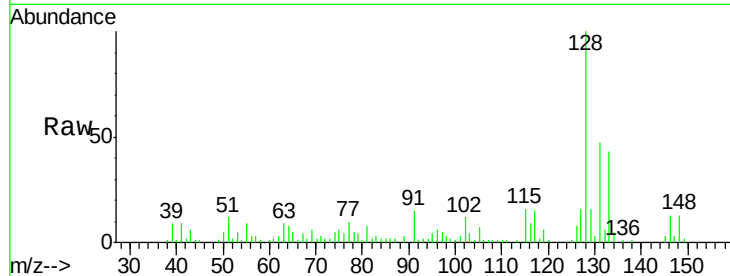
Tgt Ion:128 Resp: 83770

Ion Ratio Lower Upper

128 100

129 16.3 8.4 12.6#

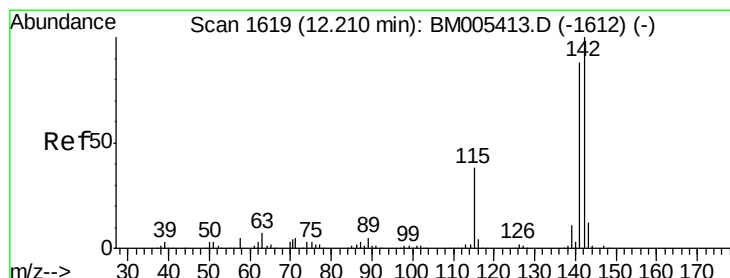
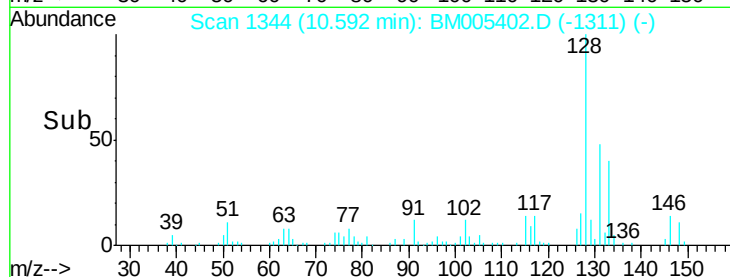
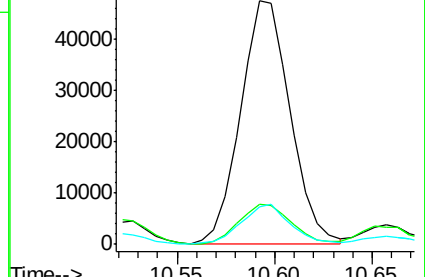
127 15.6 10.8 16.2



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



#34

2-Methylnaphthalene

Concen: 2.35 ng/ul

RT: 12.21 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BM005402.D

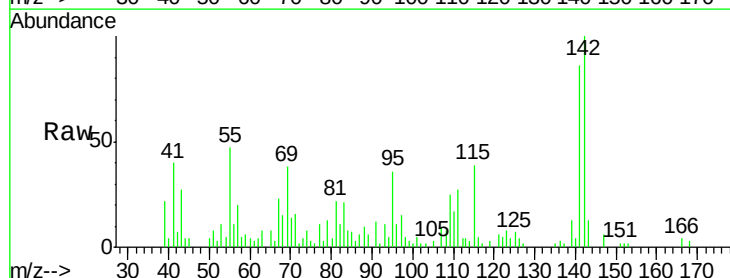
Acq: 12 May 2016 00:20

Tgt Ion:142 Resp: 27301

Ion Ratio Lower Upper

142 100

141 85.5 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

