

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007210.D
 Acq On : 18 Aug 2016 18:51
 Operator : UM/SJ
 Sample : H4445-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N22

Quant Time: Aug 19 04:48:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	257126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1025877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	589456	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1428205	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1884482	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1925278	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	22474	3.82	ng/uL	0.00
5) Phenol-d5	6.97	99	361207	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	244976	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	325350	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	228097	13.31	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	160502	21.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	174184	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	326704	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	378147	19.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1054420	21.65	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1295609	22.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	113745	13.03	ng/ul	0.00
57) Fluorene-d10	15.43	176	935904	21.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	96798	12.26	ng/ul	0.00
70) Anthracene-d10	17.27	188	1491573	22.54	ng/ul	0.00
76) Pyrene-d10	19.57	212	1914671	24.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2145188	24.36	ng/ul	0.00

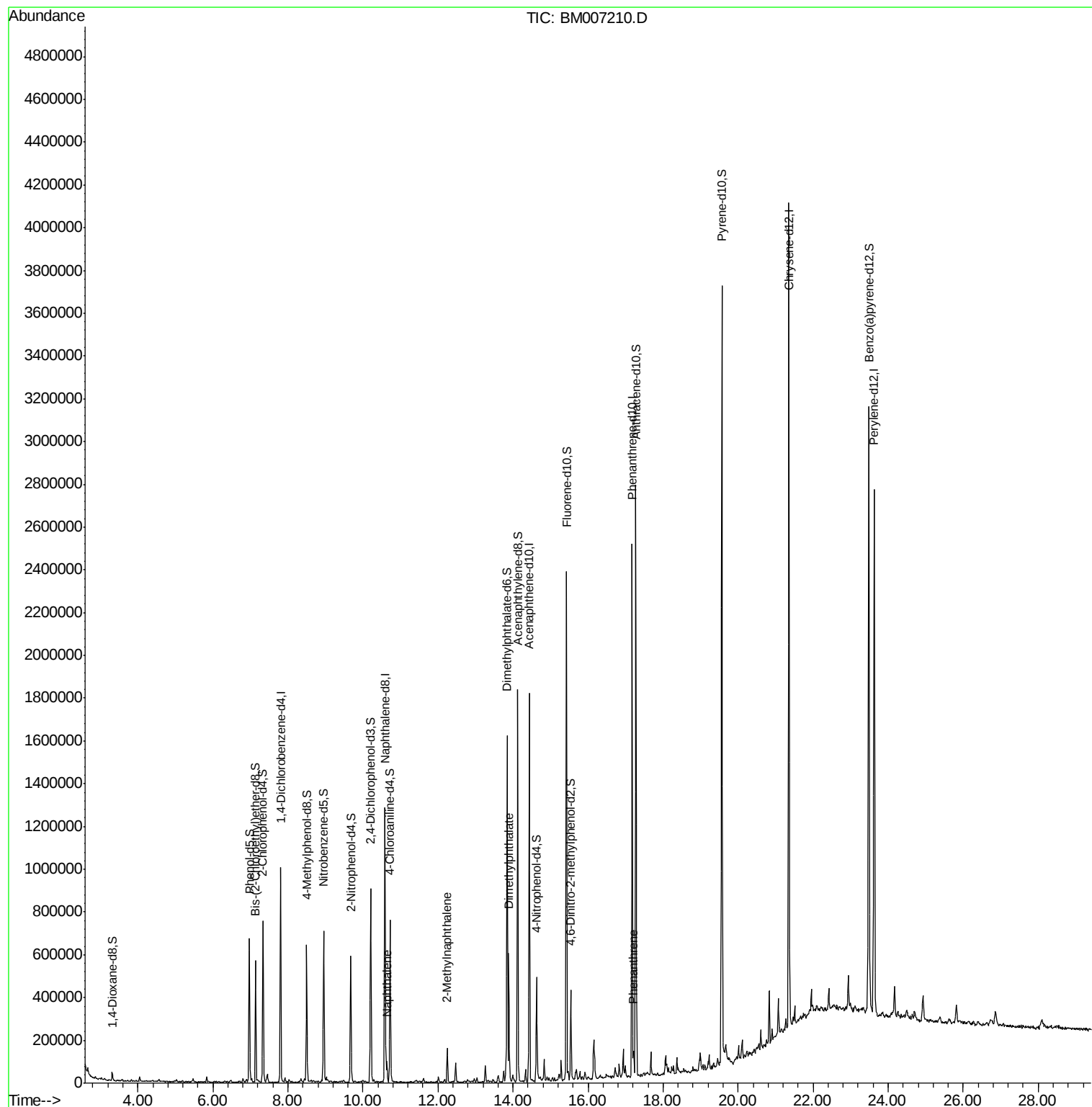
Target Compounds						Qvalue
28) Naphthalene	10.64	128	74981	1.48	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	74618	1.90	ng/ul	100
44) Dimethylphthalate	13.89	163	367845	7.56	ng/ul	99
69) Phenanthrene	17.22	178	78764	1.03	ng/ul	96

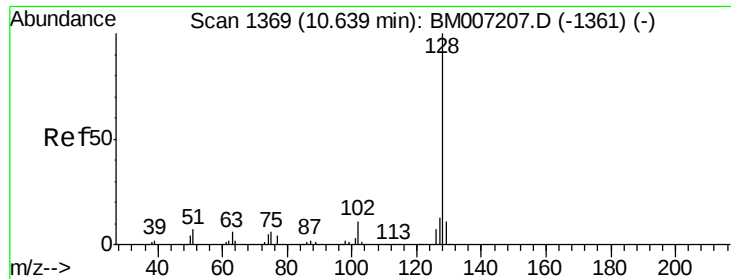
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.48 ng/ul

RT: 10.64 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BM007210.D

Acq: 18 Aug 2016 18:51

Instrument :

BNA_M

ClientSampleId :

E5N22

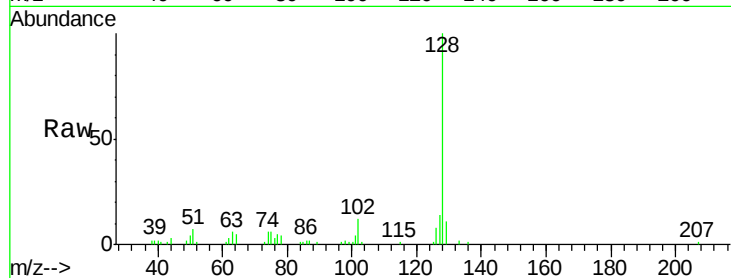
Tgt Ion:128 Resp: 74981

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

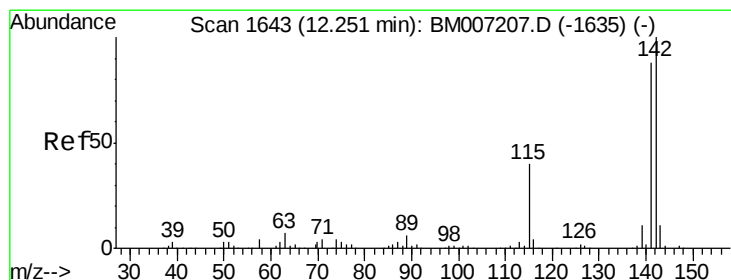
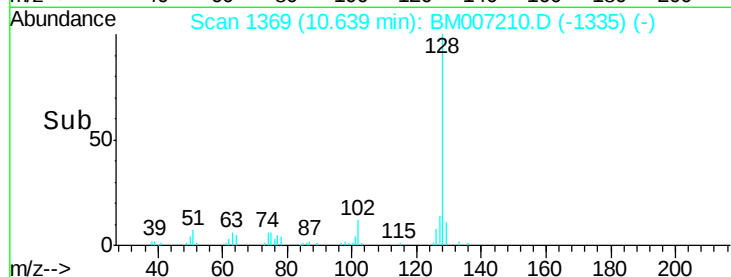
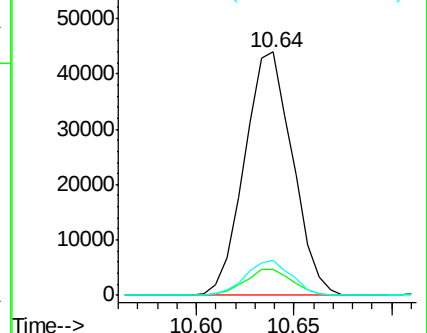
127 14.3 10.6 15.8



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: 1.90 ng/ul

RT: 12.25 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM007210.D

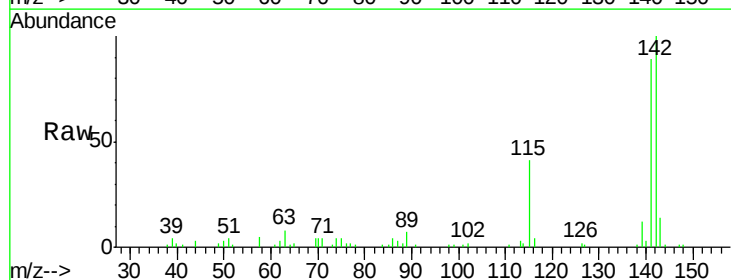
Acq: 18 Aug 2016 18:51

Tgt Ion:142 Resp: 74618

Ion Ratio Lower Upper

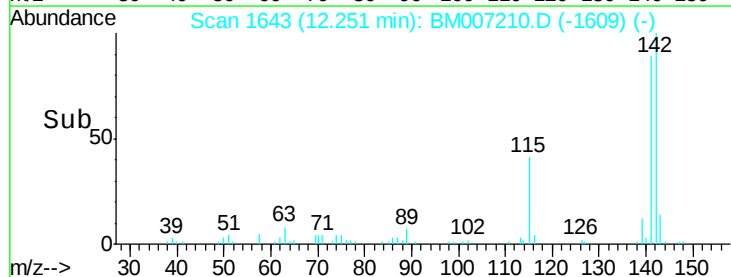
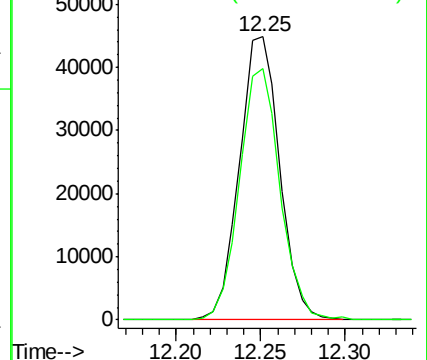
142 100

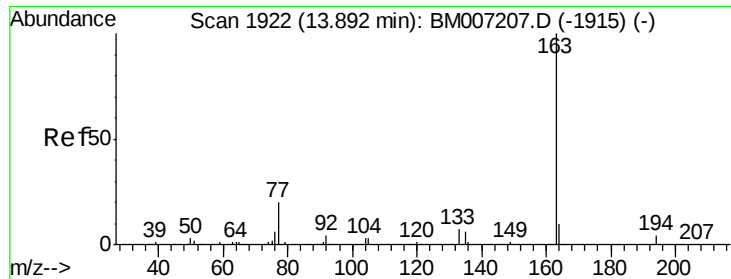
141 88.6 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

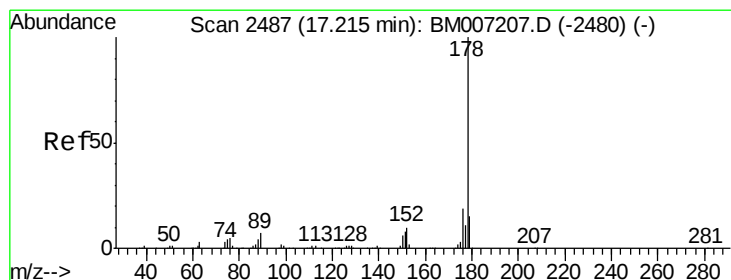
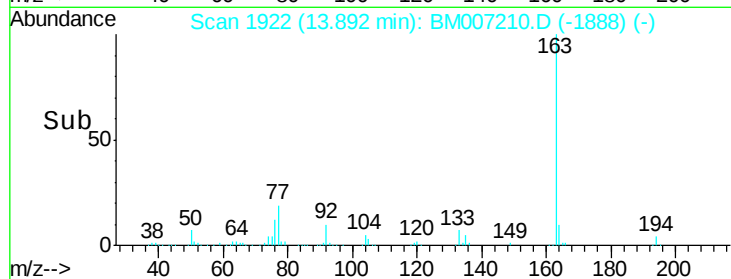
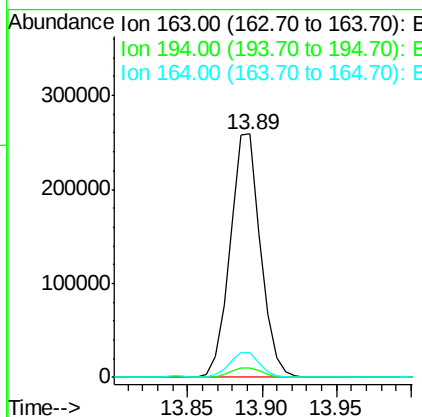
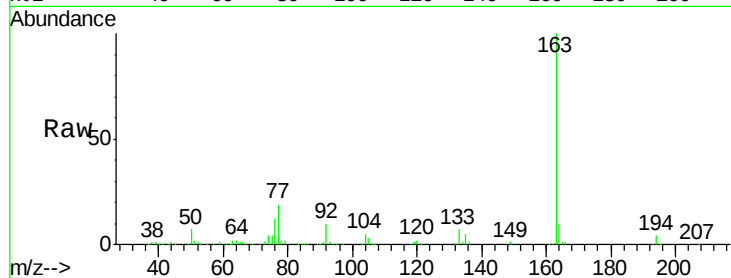




#44
Dimethylphthalate
Concen: 7.56 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM007210.D
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Instrument :
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Tgt Ion:163 Resp: 367845
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 7.8 11.8



#69
Phenanthrene
Concen: 1.03 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BM007210.D
Acq: 18 Aug 2016 18:51

Tgt Ion:178 Resp: 78764
Ion Ratio Lower Upper
178 100
179 17.0 12.2 18.2
176 20.6 15.1 22.7

