

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
 Data File : BM008413.D
 Acq On : 17 Dec 2016 15:58
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 18 02:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 02:31:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	114900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	461900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	306875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	638015	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	826878	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	858546	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.23	96	15211	6.23	ng/uL	0.00
5) Phenol-d5	6.85	99	254054	28.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	164785	32.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	204358	30.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	203489	29.47	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	103027	30.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	113792	30.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	198078	29.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	246169	31.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	680189	33.34	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	823690	34.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	43773	14.56	ng/ul	0.03
57) Fluorene-d10	15.30	176	598056	33.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	53747	14.15	ng/ul	0.00
70) Anthracene-d10	17.16	188	958456	34.48	ng/ul	0.00
76) Pyrene-d10	19.46	212	1166696	36.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1248580	34.63	ng/ul	0.00

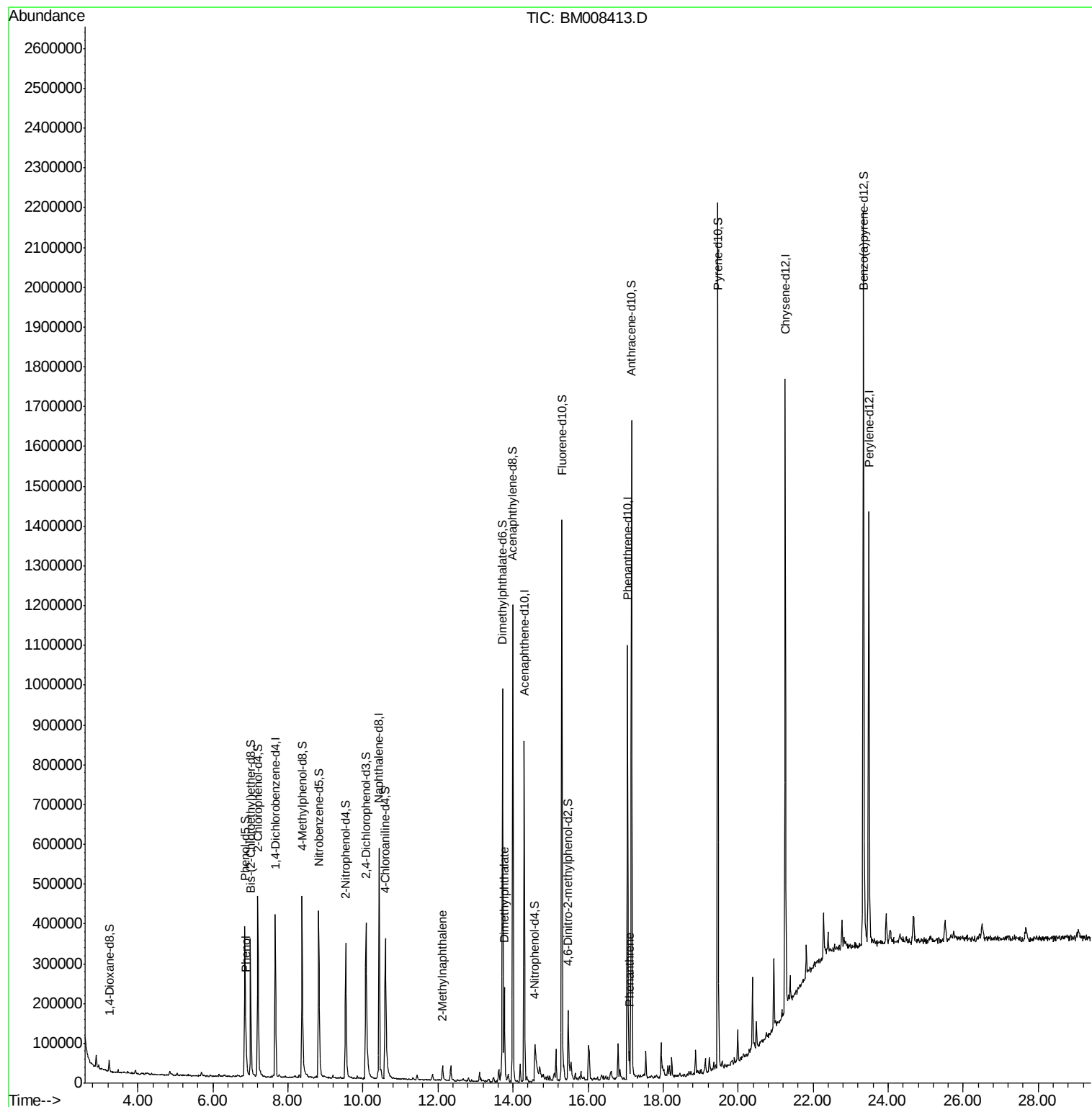
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.88	94	42782	4.62	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	22471	1.42	ng/ul	98
44) Dimethylphthalate	13.77	163	146477	7.33	ng/ul	98
69) Phenanthrene	17.10	178	36109	1.10	ng/ul	95

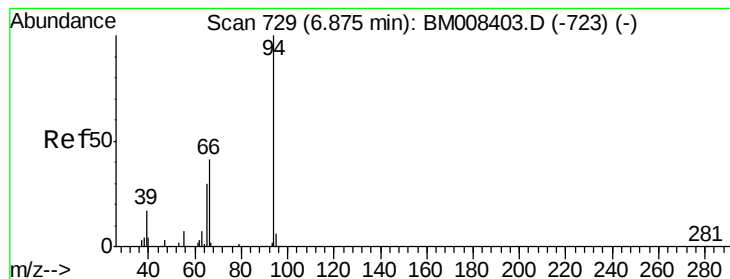
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.62 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.01 min

Lab File: BM008413.D

Acq: 17 Dec 2016 15:58

Instrument :

BNA_M

ClientSampleId :

DA7H4

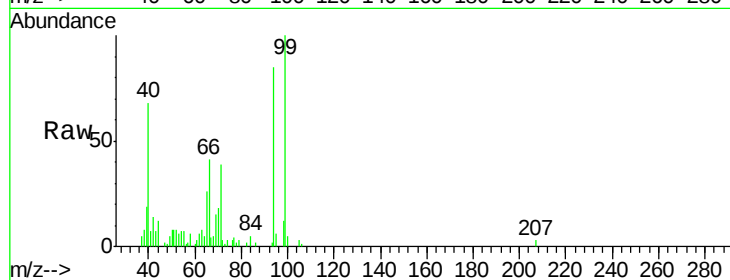
Tgt Ion: 94 Resp: 42782

Ion Ratio Lower Upper

94 100

65 30.9 22.6 34.0

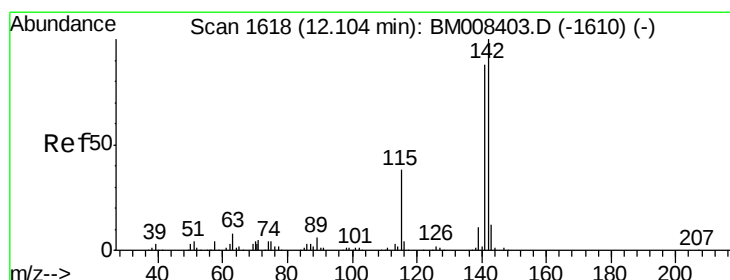
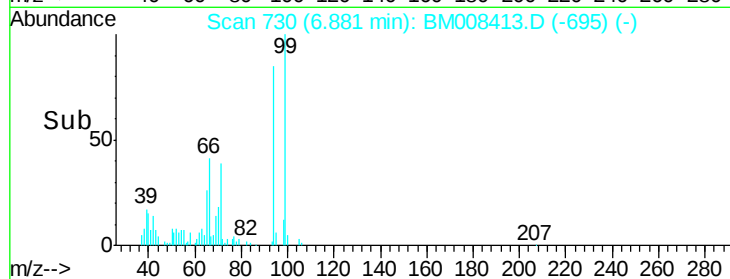
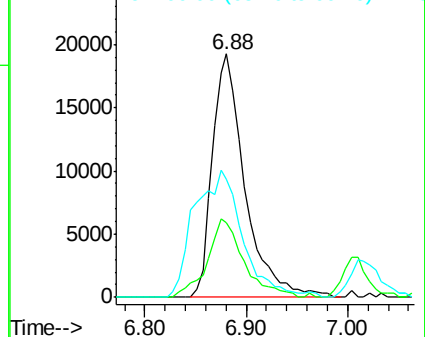
66 48.5 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008413.D (-695) (-)

Ion 65.00 (64.70 to 65.70): BM008413.D (-695) (-)

Ion 66.00 (65.70 to 66.70): BM008413.D (-695) (-)



#34

2-Methylnaphthalene

Concen: 1.42 ng/ul

RT: 12.12 min Scan# 1621

Delta R.T. 0.02 min

Lab File: BM008413.D

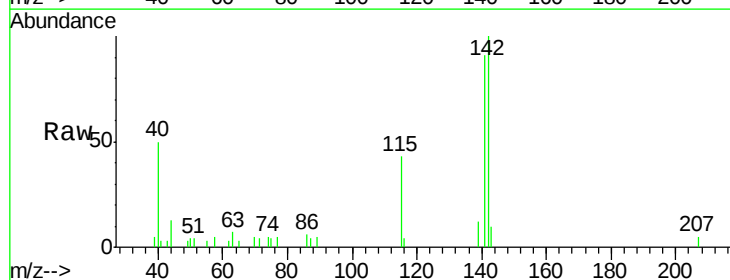
Acq: 17 Dec 2016 15:58

Tgt Ion: 142 Resp: 22471

Ion Ratio Lower Upper

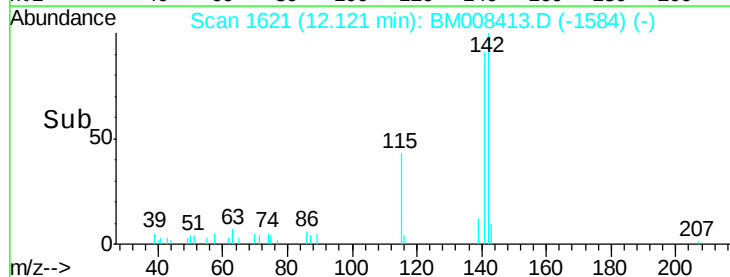
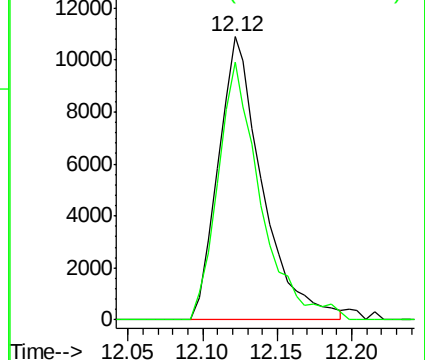
142 100

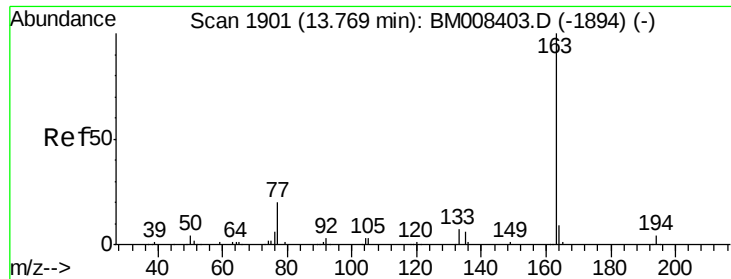
141 91.0 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): BM008413.D (-1584) (-)

Ion 141.00 (140.70 to 141.70): BM008413.D (-1584) (-)





#44

Dimethylphthalate

Concen: 7.33 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM008413.D

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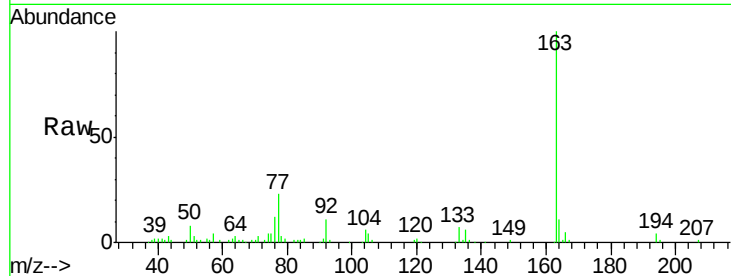
Tgt Ion:163 Resp: 146477

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

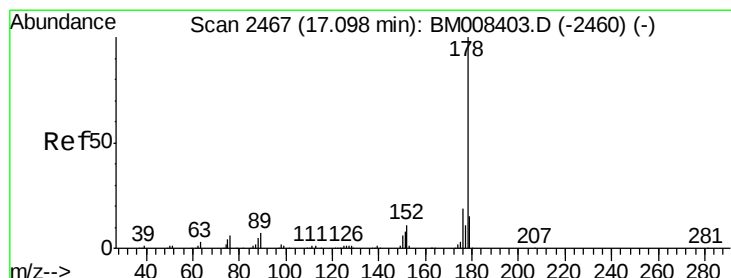
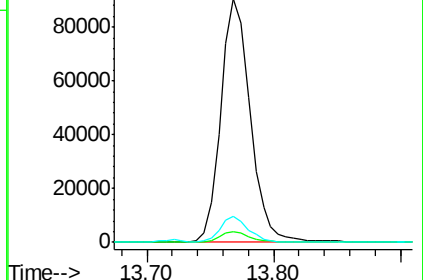
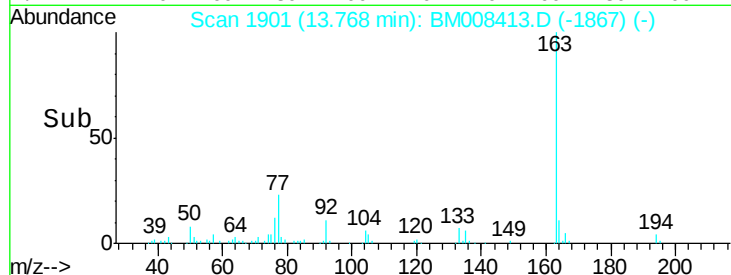
164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.10 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BM008413.D

Acq: 17 Dec 2016 15:58

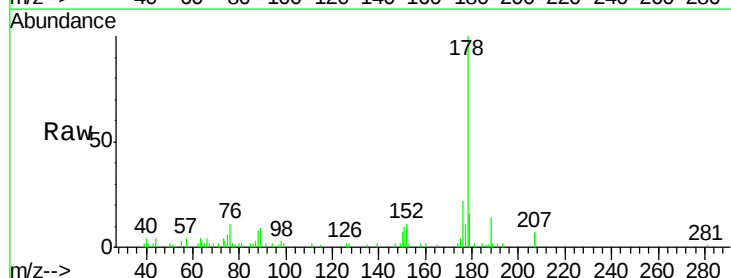
Tgt Ion:178 Resp: 36109

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

176 21.6 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

