

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061616\
 Data File : BM005811.D
 Acq On : 15 Jun 2016 19:38
 Operator : UM/SJ
 Sample : H3537-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 16 01:46:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 01:45:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	74992	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	378914	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.38	164	262196	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	626371	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	715485	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	610003	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.19	96	1941	1.20	ng/uL	0.00
3) Phenol-d5	6.92	99	62644	10.17	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	50978	13.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	59732	11.64	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	34113	6.55	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	31759	11.84	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	38130	12.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	63670	11.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	48192	7.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	303994	14.61	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	367241	13.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	23488	9.82	ng/ul	0.01
21) Fluorene-d10	15.37	176	266686	15.38	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	27622	9.86	ng/ul	0.00
26) Anthracene-d10	17.23	188	415885	14.31	ng/ul	0.00
30) Pyrene-d10	19.52	212	490943	14.10	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	406338	14.42	ng/ul	0.00

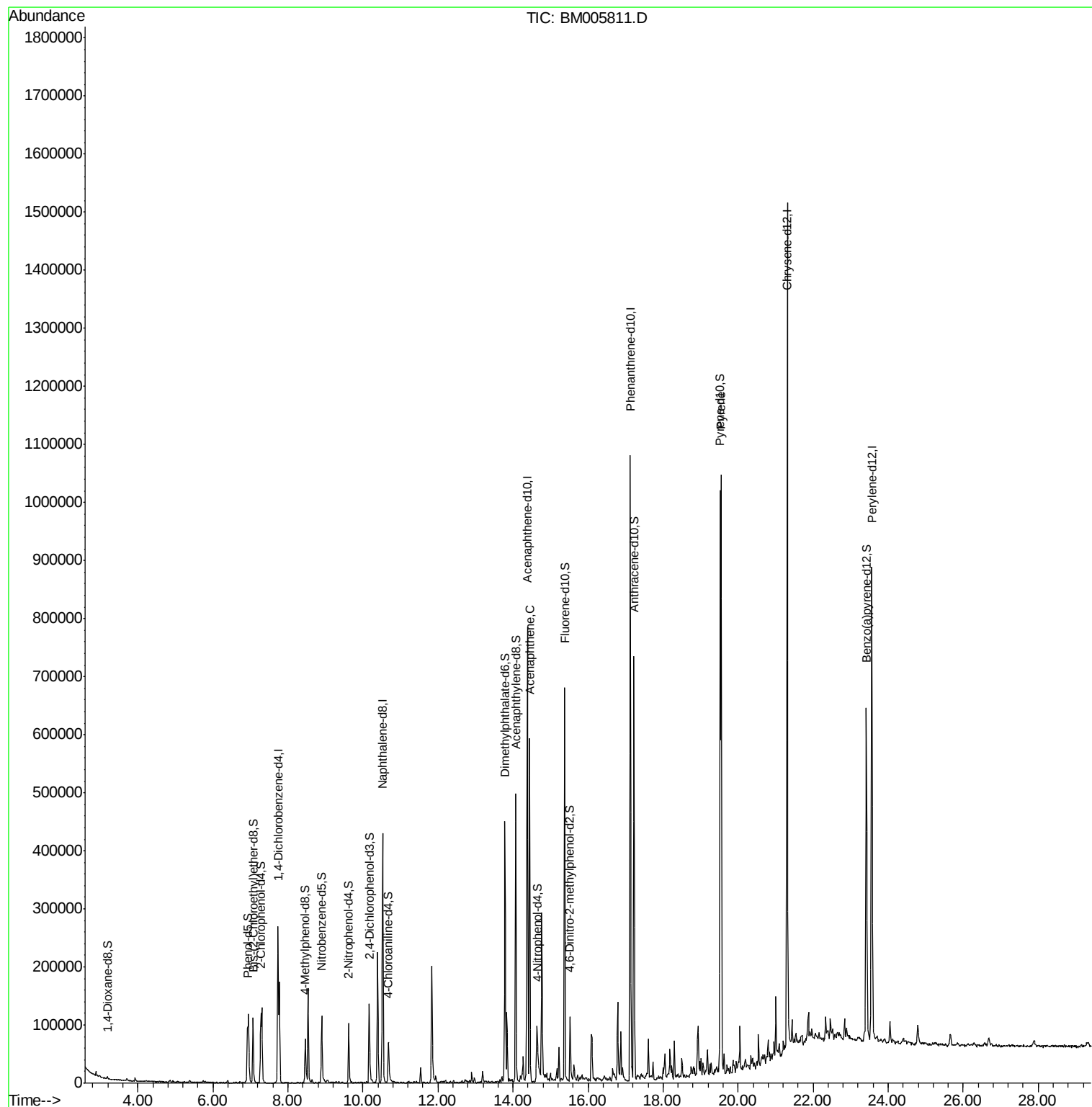
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Acenaphthene	14.44	153	237521	13.60	ng/ul	99
31) Pyrene	19.55	202	621203	14.14	ng/ul	97

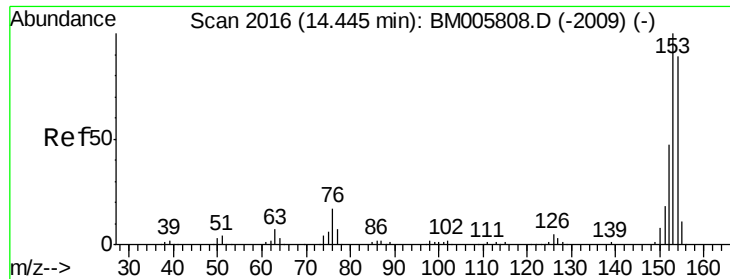
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Acenaphthene

Concen: 13.60 ng/ul

RT: 14.44 min Scan# 2016

Delta R.T. 0.00 min

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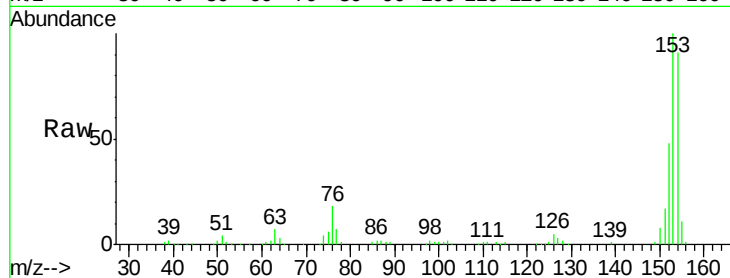
Tgt Ion:153 Resp: 237521

Ion Ratio Lower Upper

153 100

152 48.0 38.1 57.1

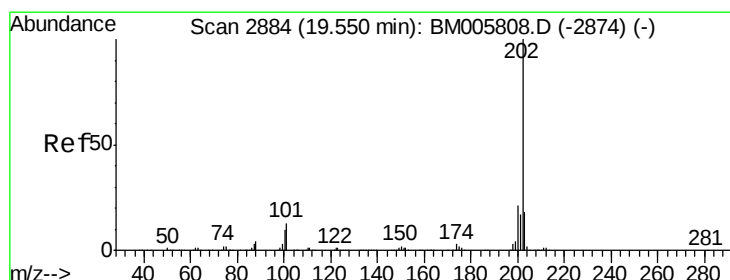
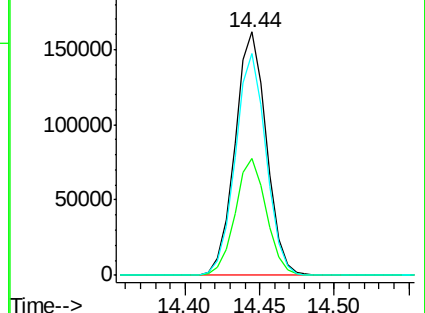
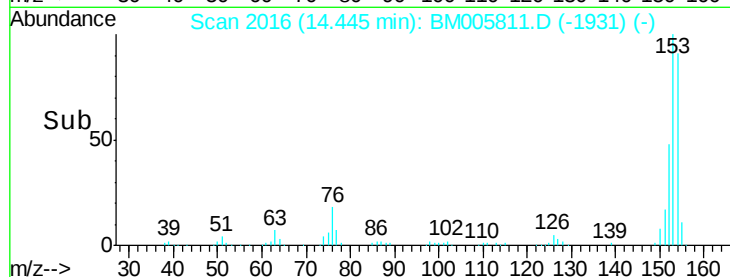
154 90.9 71.6 107.4



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#31

Pyrene

Concen: 14.14 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. 0.00 min

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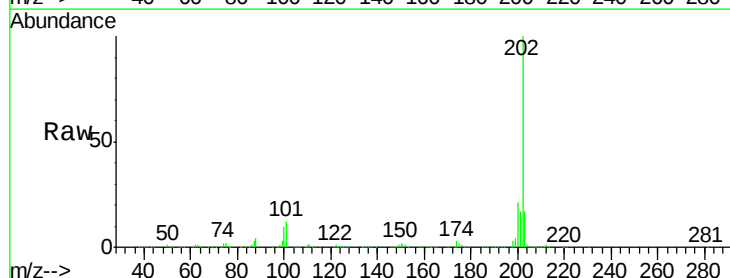
Tgt Ion:202 Resp: 621203

Ion Ratio Lower Upper

202 100

101 12.4 11.0 16.4

100 10.1 8.9 13.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

