

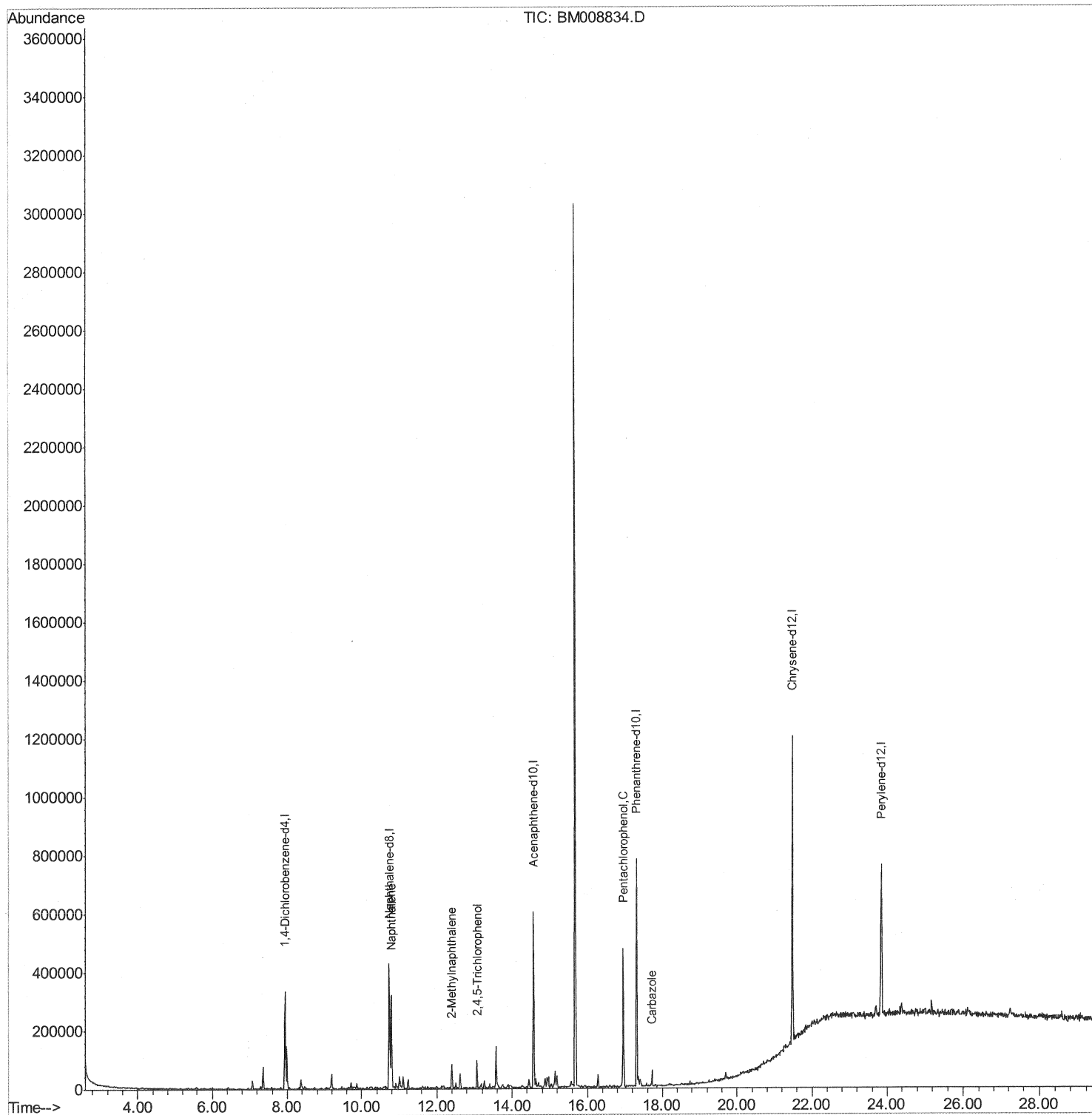
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1312-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5DL2

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:59 PM

Quant Time: Jan 24 13:09:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration



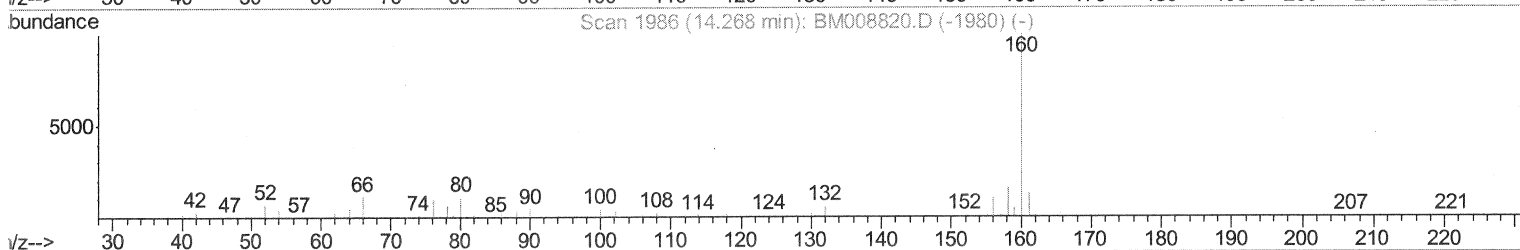
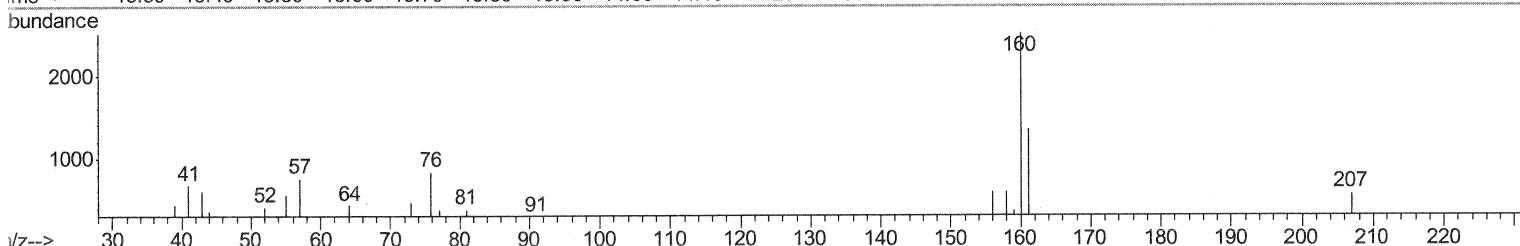
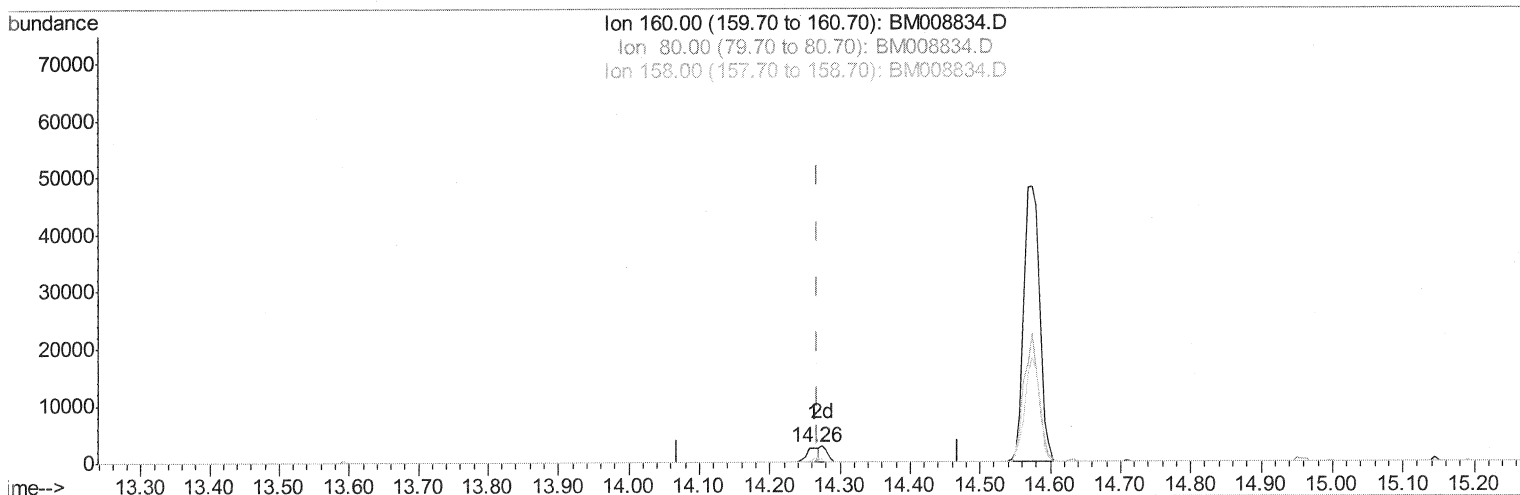
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1312-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5DL2

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:59 PM

Quant Time: Jan 24 11:27:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration



TIC: BM008834.D

(46) Acenaphthylene-d8 (S)

14.263min (-0.006) 0.24ng/ul

response 3080

Ion	Exp%	Act%
160.00	100	100
80.00	10.50	0.00#
158.00	14.60	23.45#
0.00	0.00	0.00

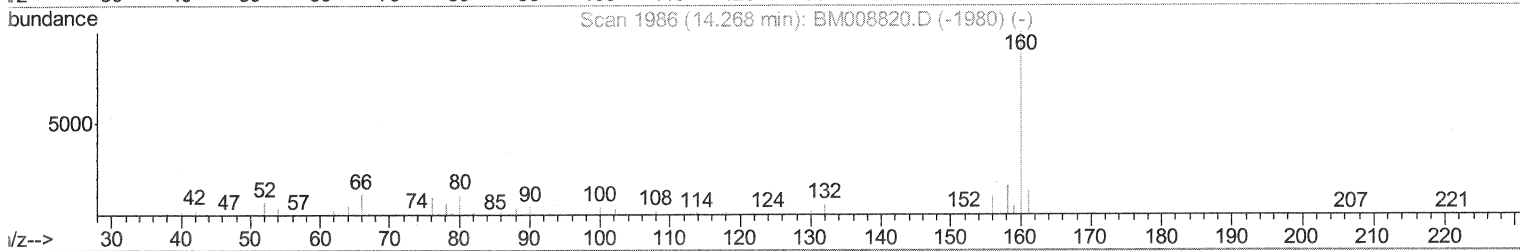
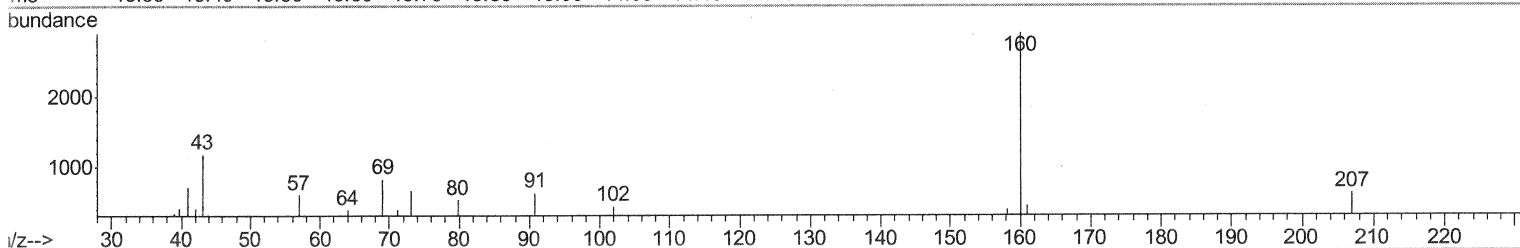
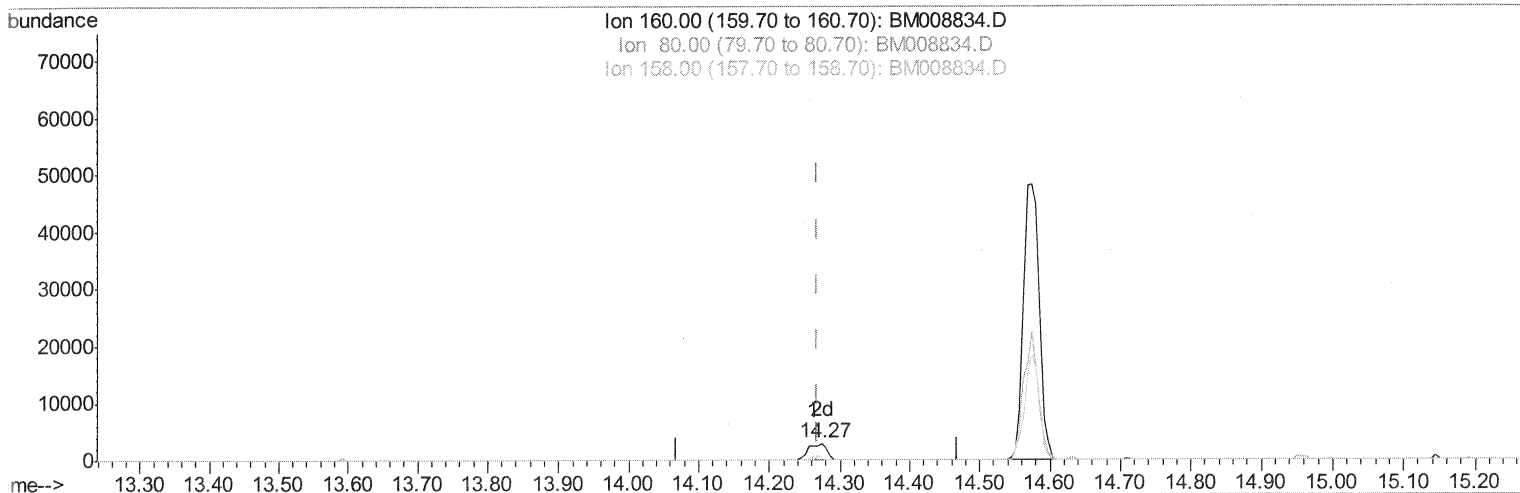
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1312-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5DL2

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:59 PM

Quant Time: Jan 24 11:27:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration



TIC: BM008834.D

(46) Acenaphthylene-d8 (S)

14.274min (+0.006) 0.39ng/ul m

53 1/24/17

response 5099

Ion	Exp%	Act%
160.00	100	100
80.00	10.50	18.38#
158.00	14.60	13.80
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012317\
 Data File : BM008834.D
 Acq On : 24 Jan 2017 10:52
 Operator : UM/SJ
 Sample : I1312-12DL2 100X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5DL2

Manual Integrations
 APPROVED

mohammad
 1/24/2017 5:17:59 PM

Quant Time: Jan 24 13:09:58 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	51666	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	215723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	169003	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	379943	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	441163	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	390596	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.27	67	1537	0.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	444	0.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	794	0.23	ng/ul	0.00
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.82	143	523	0.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	812	0.23	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.98	166	5475	0.49	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	5099m)	0.39	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.56	176	6075	0.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.42	188	8336	0.50	ng/ul	0.00
76) Pyrene-d10	19.70	212	9597	0.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	6150	0.37	ng/ul	0.00

SJ 1/27/17

Target Compounds

					Qvalue
28) Naphthalene	10.79	128	167046	16.77	ng/ul 98
34) 2-Methylnaphthalene	12.40	142	23713	2.93	ng/ul 97
39) 2,4,5-Trichlorophenol	13.07	196	17155	5.10	ng/ul# 96
68) Pentachlorophenol	16.96	266	61914	21.08	ng/ul 96
72) Carbazole	17.72	167	27122	1.62	ng/ul 100

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