

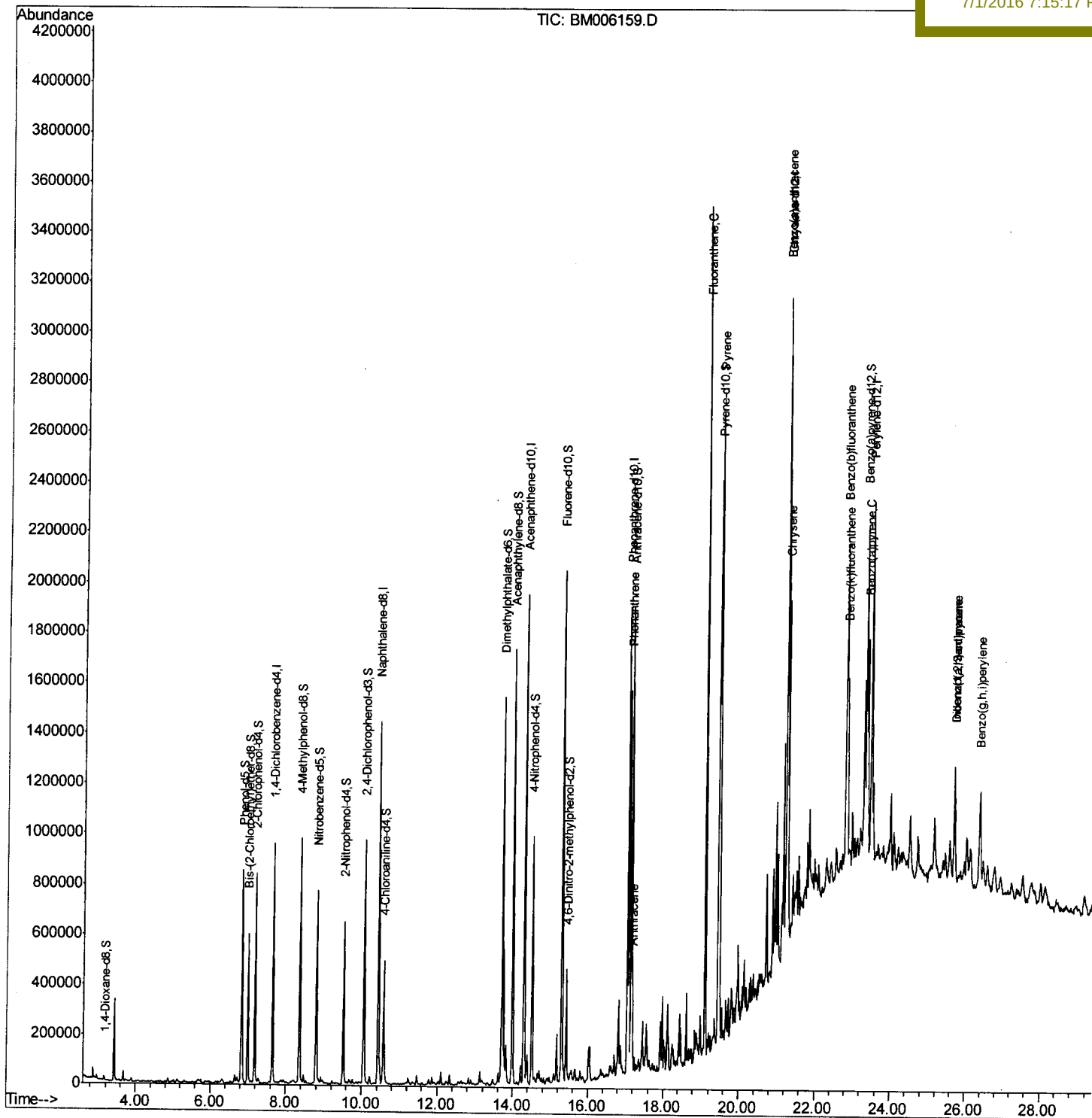
Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006159.D
Acq On : 30 Jun 2016 14:22
Operator : UM/SJ
Sample : H3777-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 16:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YC9

Manual Integrations
APPROVED

sohil
7/1/2016 7:15:17 PM



Quantitation Report (Qedit)

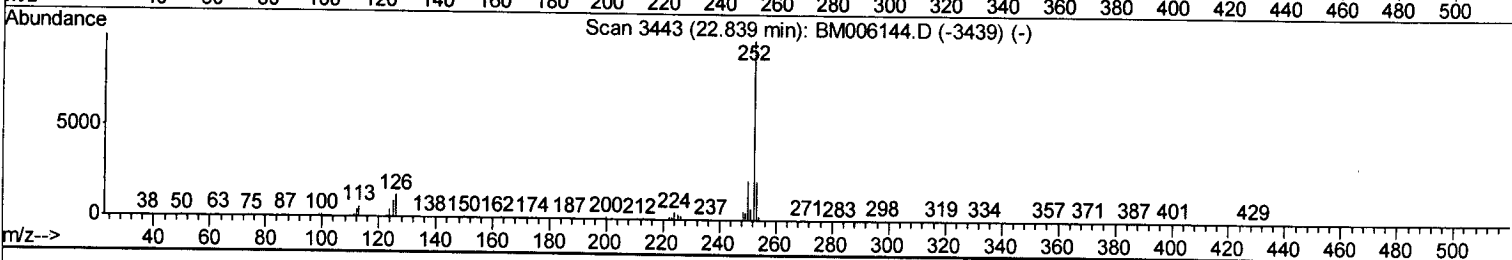
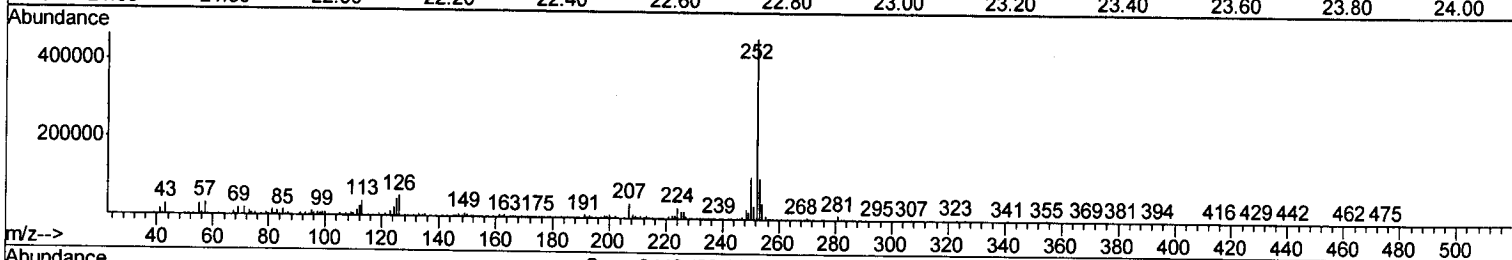
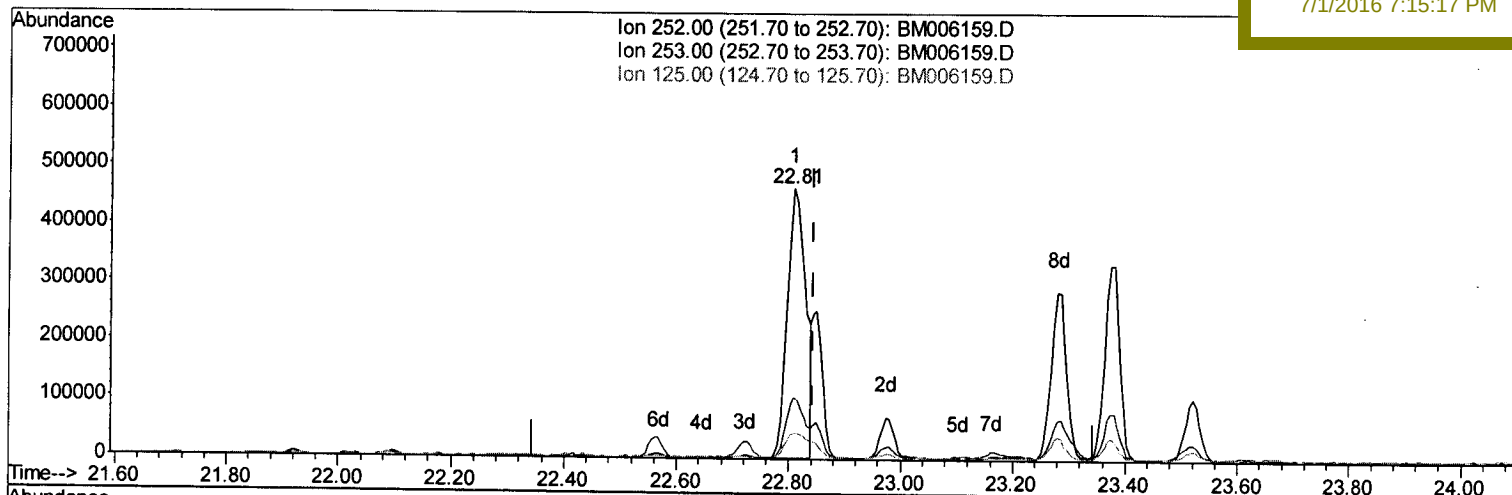
Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
 Data File : BM006159.D
 Acq On : 30 Jun 2016 14:22
 Operator : UM/SJ
 Sample : H3777-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YC9

Quant Time: Jun 30 16:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:15:17 PM



TIC: BM006159.D

(36) Benzo(k)fluoranthene

22.809min (-0.035) 20.17ng/ul

response 1041841

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.52
125.00	10.10	9.59
0.00	0.00	0.00

Quantitation Report (Qedit)

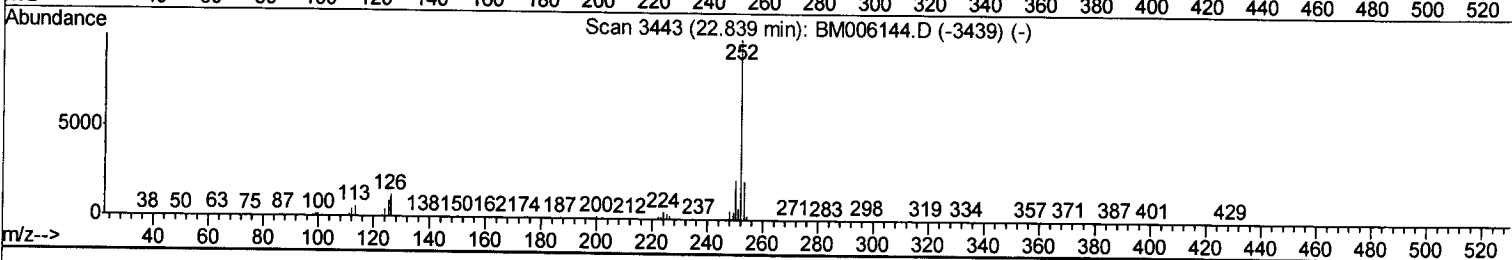
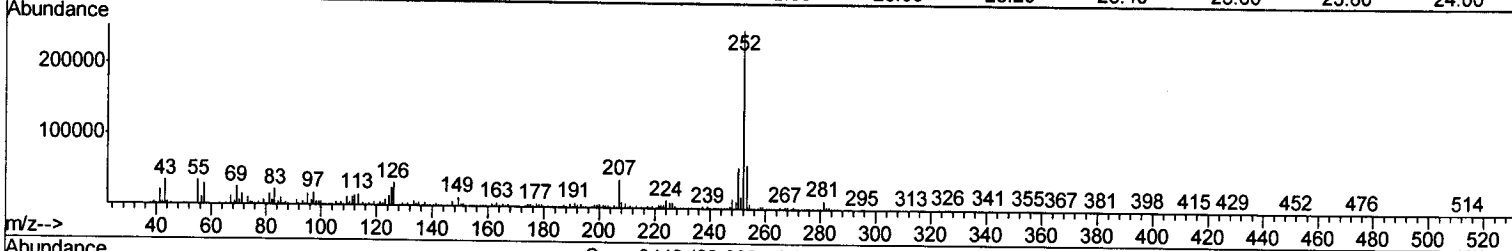
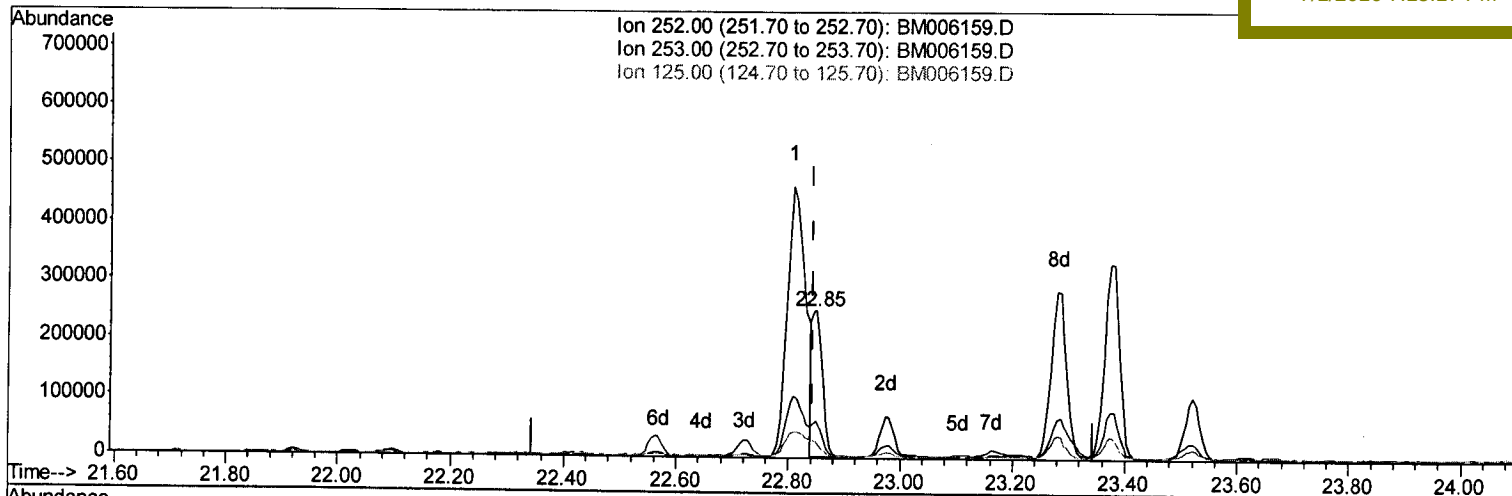
Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
 Data File : BM006159.D
 Acq On : 30 Jun 2016 14:22
 Operator : UM/SJ
 Sample : H3777-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YC9

Quant Time: Jun 30 16:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:15:17 PM



TIC: BM006159.D

(36) Benzo(k)fluoranthene

22.850min (+0.006) 6.10ng/ul m

response 315118

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.81
125.00	10.10	10.67
0.00	0.00	0.00

U.M
 07/02/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
 Data File : BM006159.D
 Acq On : 30 Jun 2016 14:22
 Operator : UM/SJ
 Sample : H3777-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YC9

Quant Time: Jun 30 16:42:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 7/1/2016 7:15:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	241903	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1173954	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	636369	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1131767	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	923550	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1060745	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	7879	1.51	ng/uL	0.00
3) Phenol-d5	6.83	99	447432	22.64	ng/ul	0.00
4) Bis- (2-Chloroethyl) ether-d	6.99	67	267629	22.97	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	339930	22.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	363144	22.83	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	170854	21.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	191632	21.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	351164	21.27	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	260248	19.94	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1005409	22.04	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1243731	22.47	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	162863	18.82	ng/ul	0.00
21) Fluorene-d10	15.30	176	815366	20.95	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	87477	21.82	ng/ul	0.00
26) Anthracene-d10	17.15	188	1050020	23.13	ng/ul	0.00
30) Pyrene-d10	19.46	212	923105	24.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	956774	22.67	ng/ul	0.01

Target Compounds

					Qvalue
25) Phenanthrene	17.10	178	914362	17.07 ng/ul	99
27) Anthracene	17.19	178	189184	3.44 ng/ul	99
28) Fluoranthene	19.12	202	2080415	31.72 ng/ul	98
31) Pyrene	19.49	202	1550898	31.84 ng/ul	95
32) Benzo(a)anthracene	21.24	228	823826	17.15 ng/ul	99
33) Chrysene	21.29	228	799387	18.08 ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	1041841	18.93 ng/ul	98
36) Benzo(k)fluoranthene	22.85	252	315118m	6.10 ng/ul	
38) Benzo(a)pyrene	23.37	252	609847	11.73 ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.70	276	478064	8.84 ng/ul#	91
40) Dibenzo(a,h)anthracene	25.70	278	131828	2.95 ng/ul#	87
41) Benzo(g,h,i)perylene	26.38	276	474909	10.49 ng/ul	98

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

U.M
 07/02/16