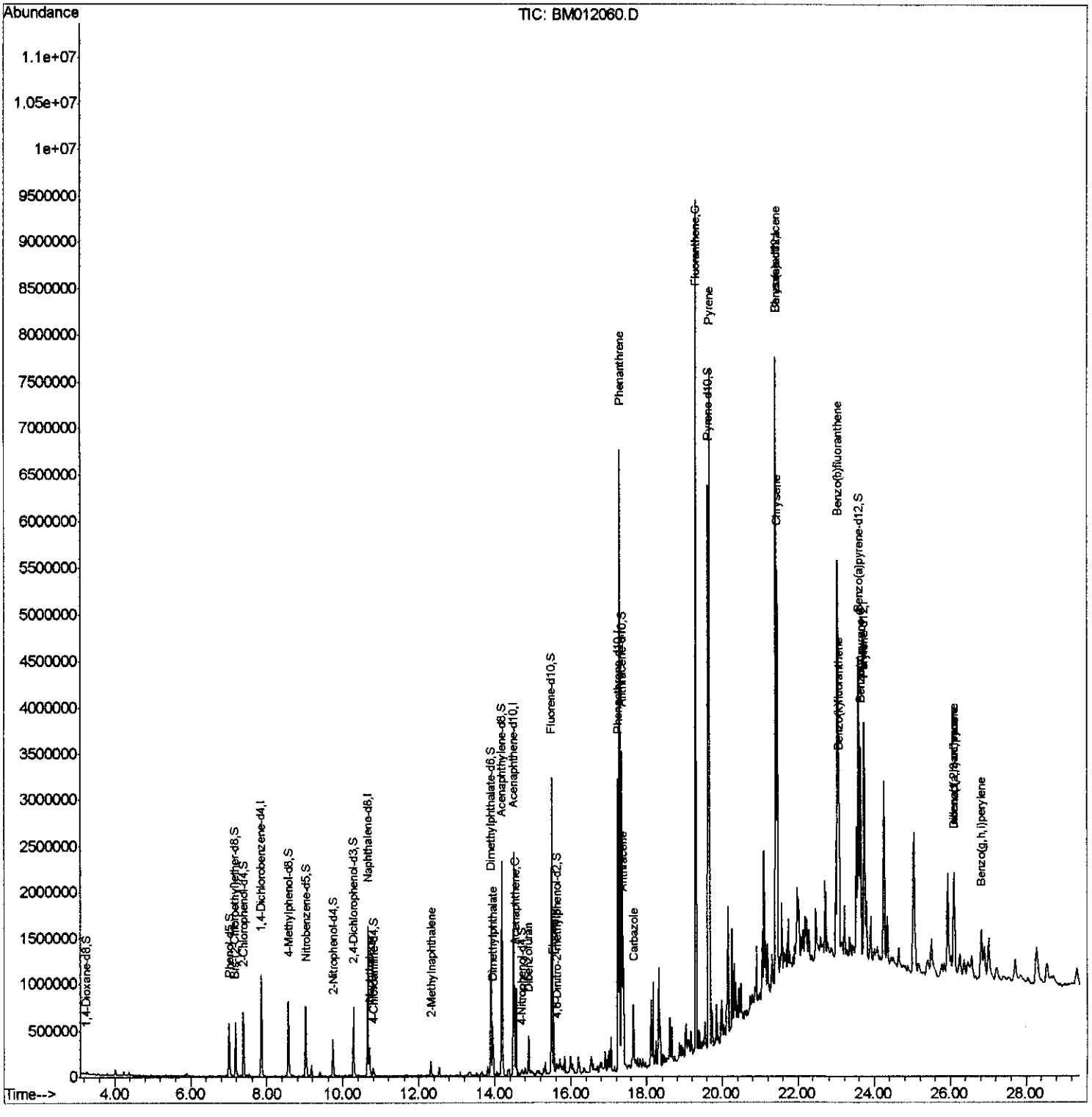
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 11 03:50:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM



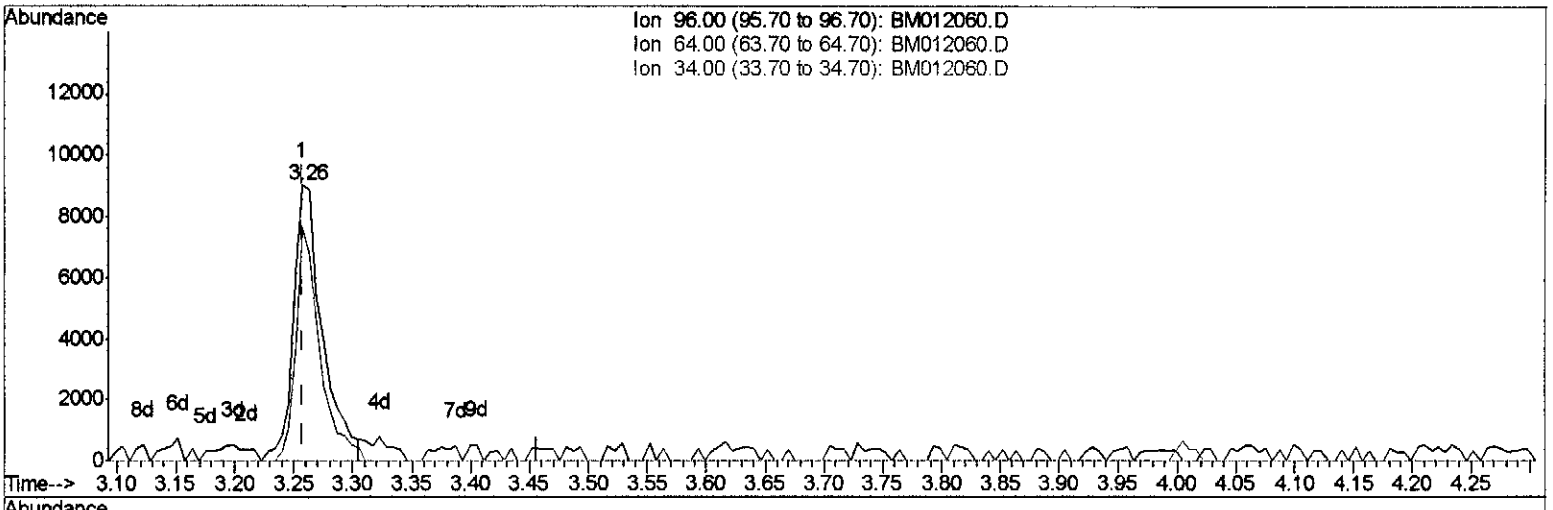
Quantitation Report (Qedit)

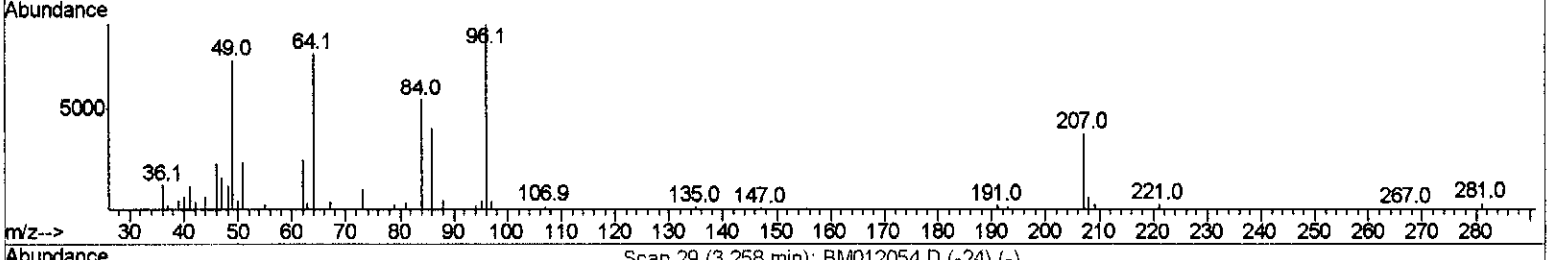
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

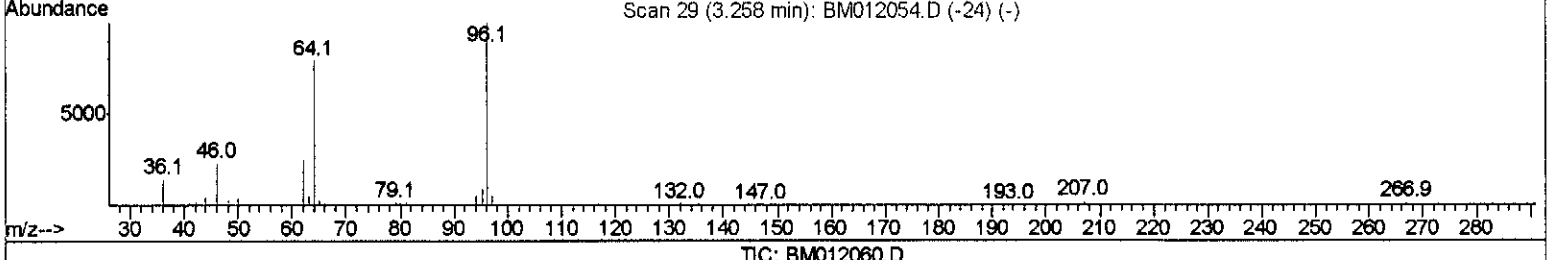
Quant Time: Oct 11 02:55:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM







TIC: BM012060.D

(3) 1,4-Dioxane-d8 (S)

3.258min (+0.000) 2.42ng/uL

response 15504

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.51
34.00	0.00	0.00
0.00	0.00	0.00

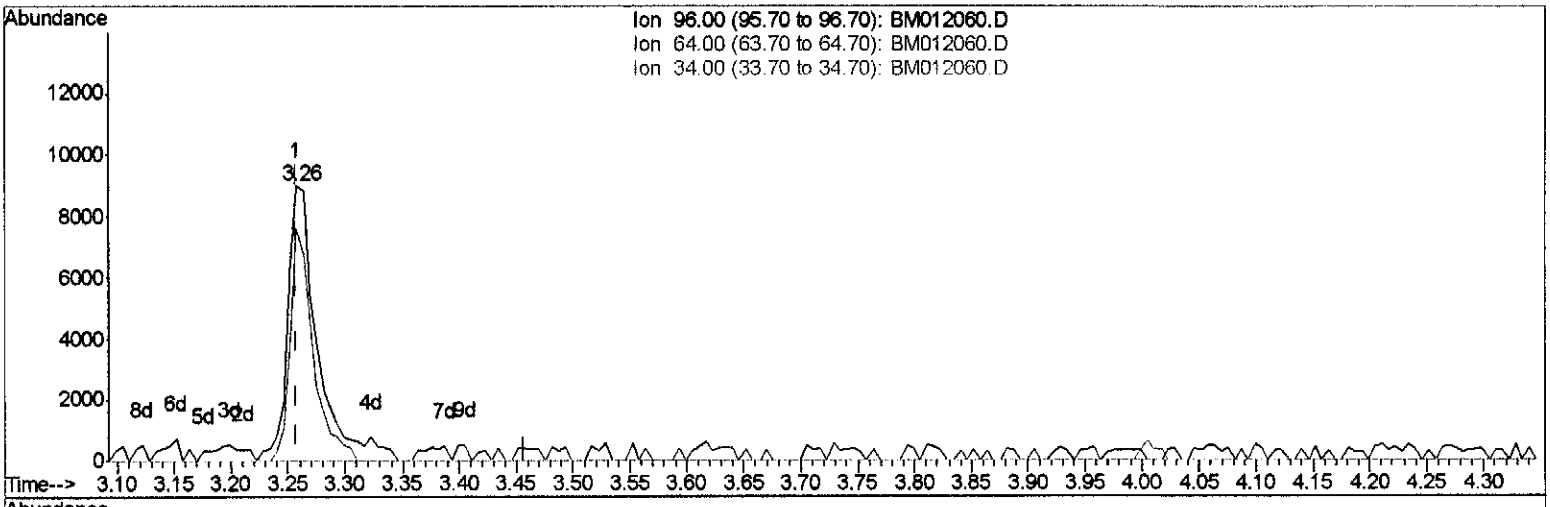
Quantitation Report (Qedit)

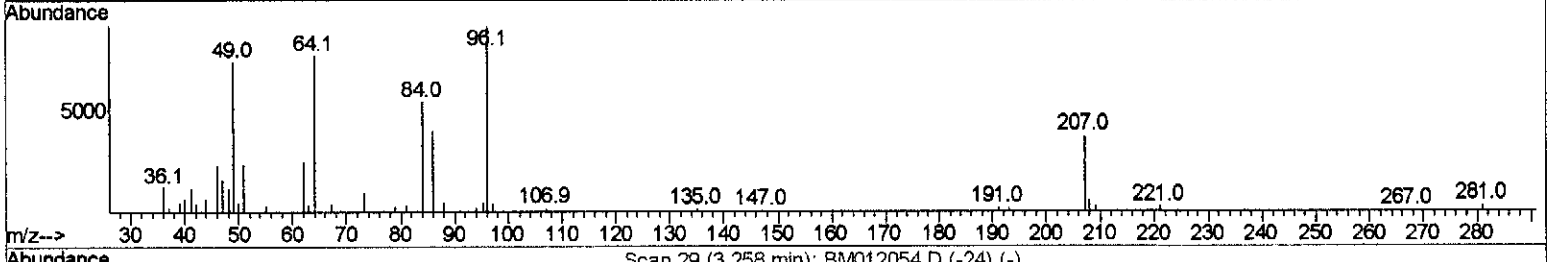
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

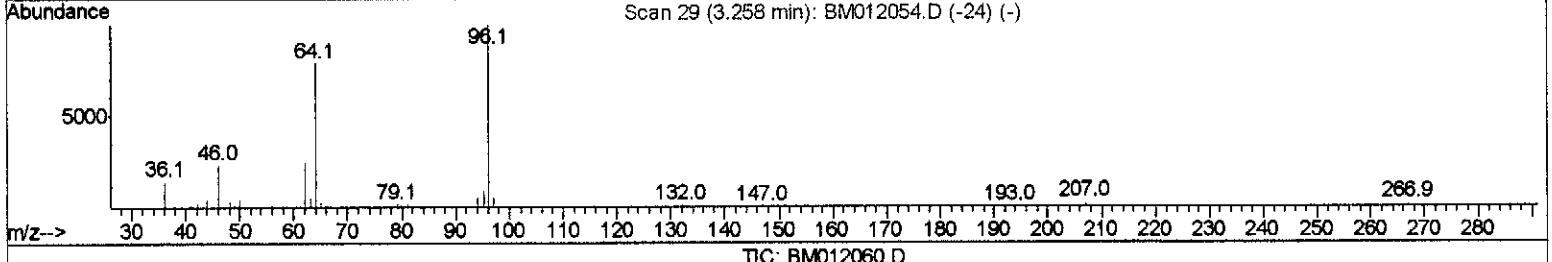
Quant Time: Oct 11 02:55:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM







TIC: BM012060.D

(3) 1,4-Dioxane-d8 (S)

3.258min (+0.000) 2.60ng/uL m SJ 10/14/17

response 16621

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	65.77
34.00	0.00	0.00
0.00	0.00	0.00

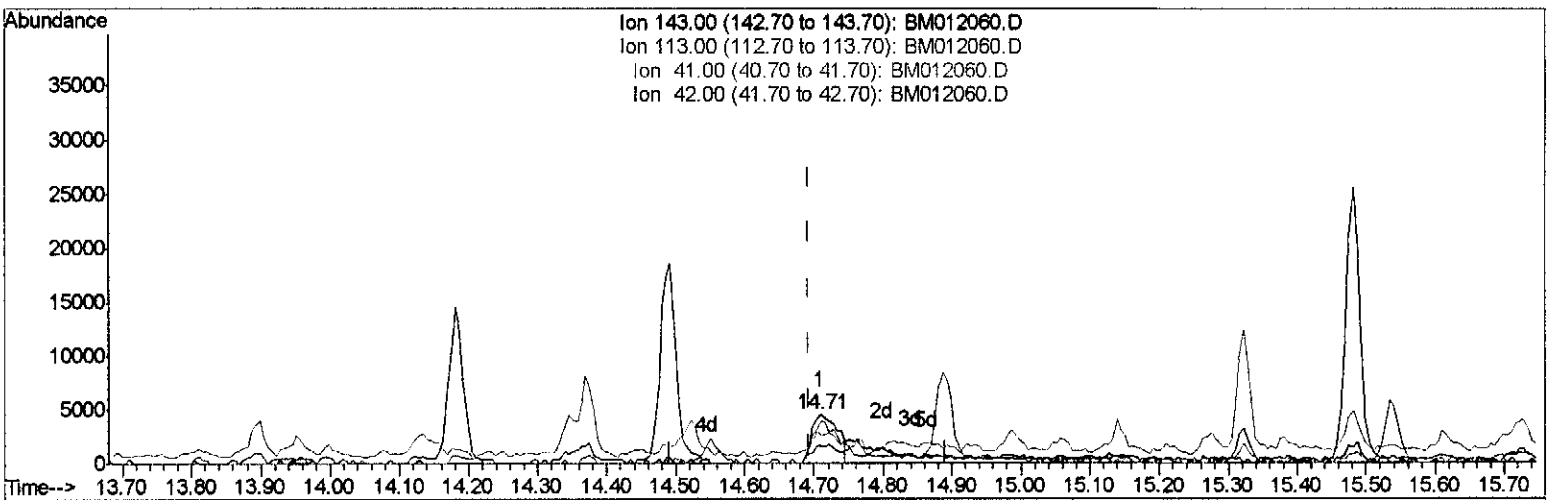
Quantitation Report (Qedit)

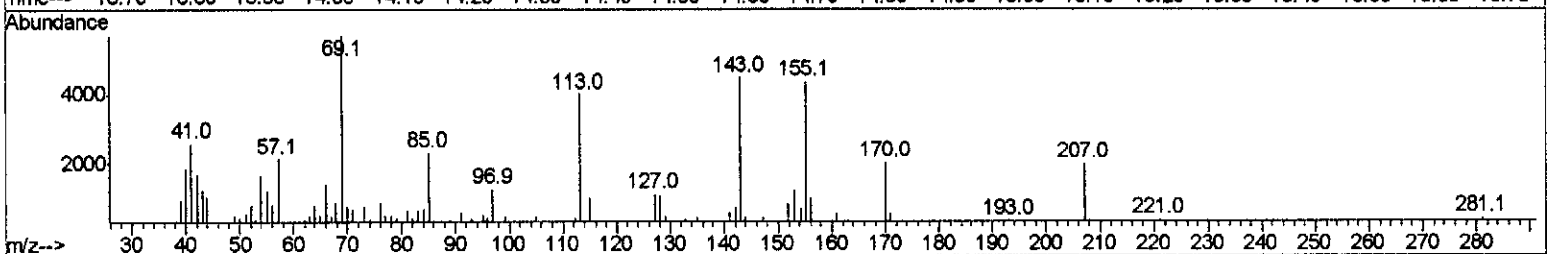
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

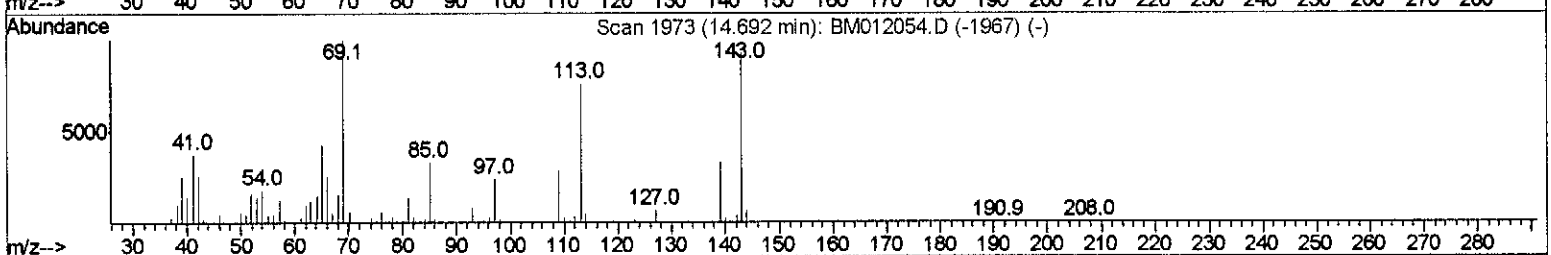
Quant Time: Oct 11 03:47:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM







TIC: BM012060.D

(51) 4-Nitrophenol-d4 (S)

14.710min (+0.018) 0.99ng/ul

response 11866

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	88.98#
41.00	34.80	58.06#
42.00	20.50	37.47#

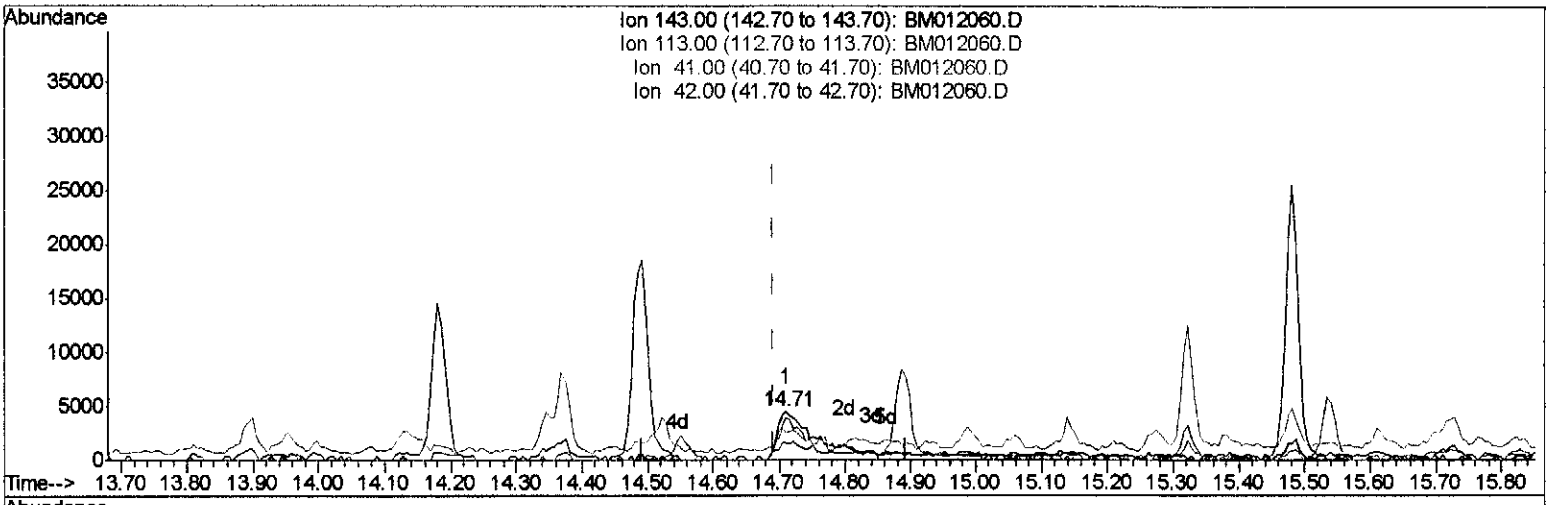
Quantitation Report (Qedit)

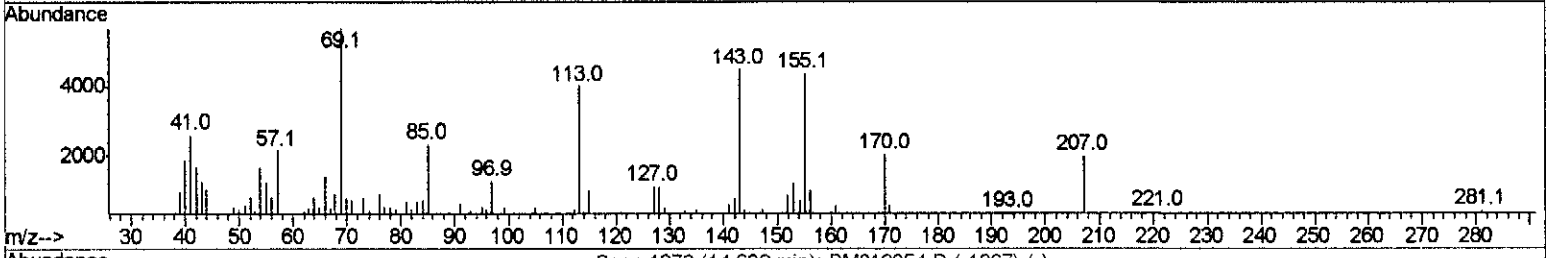
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

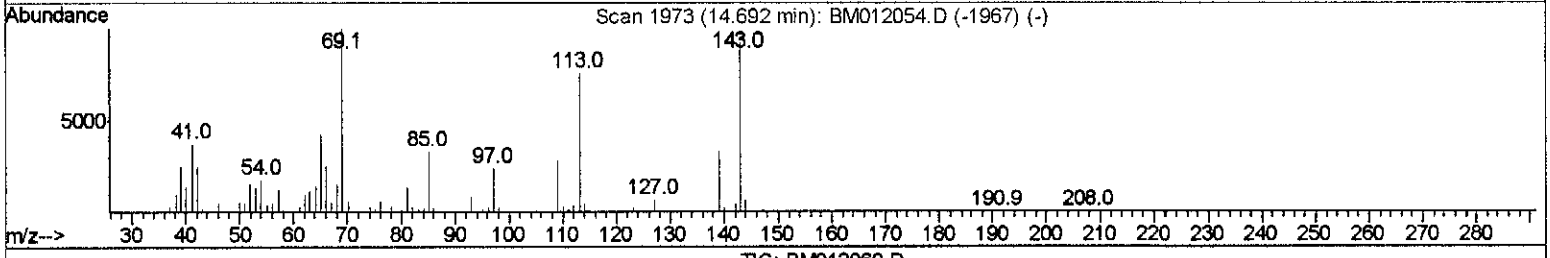
Quant Time: Oct 11 03:47:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM







TIC: BM012060.D

(51) 4-Nitrophenol-d4 (S)

14.710min (+0.018) 1.64ng/ul m> SJ 10/14/17

response 19602

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	88.98#
41.00	34.80	58.06#
42.00	20.50	37.47#

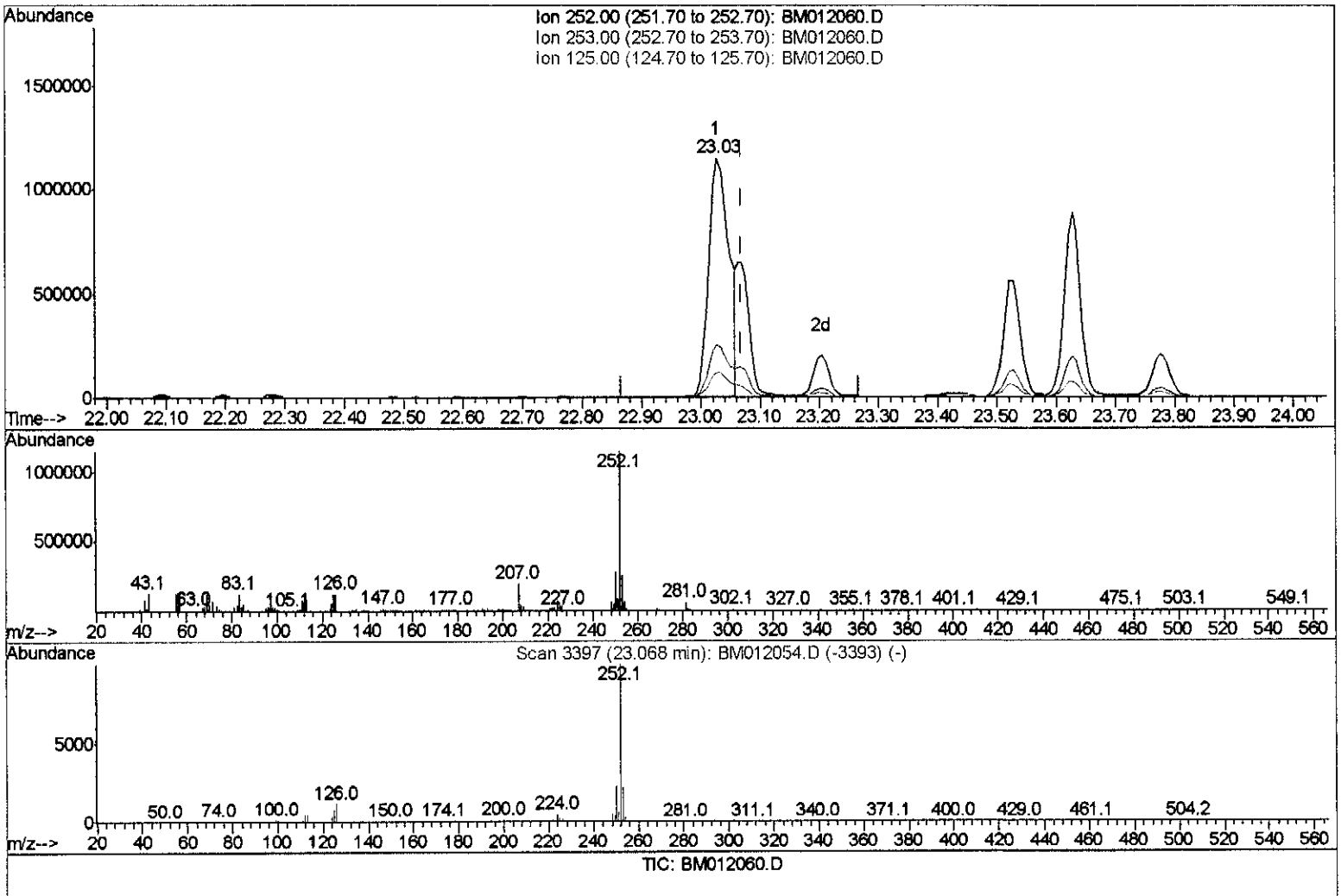
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 11 03:49:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM



TIC: BM012060.D

(86) Benzo(k)fluoranthene

23.027min (-0.041) 23.88ng/ul

response 2714277

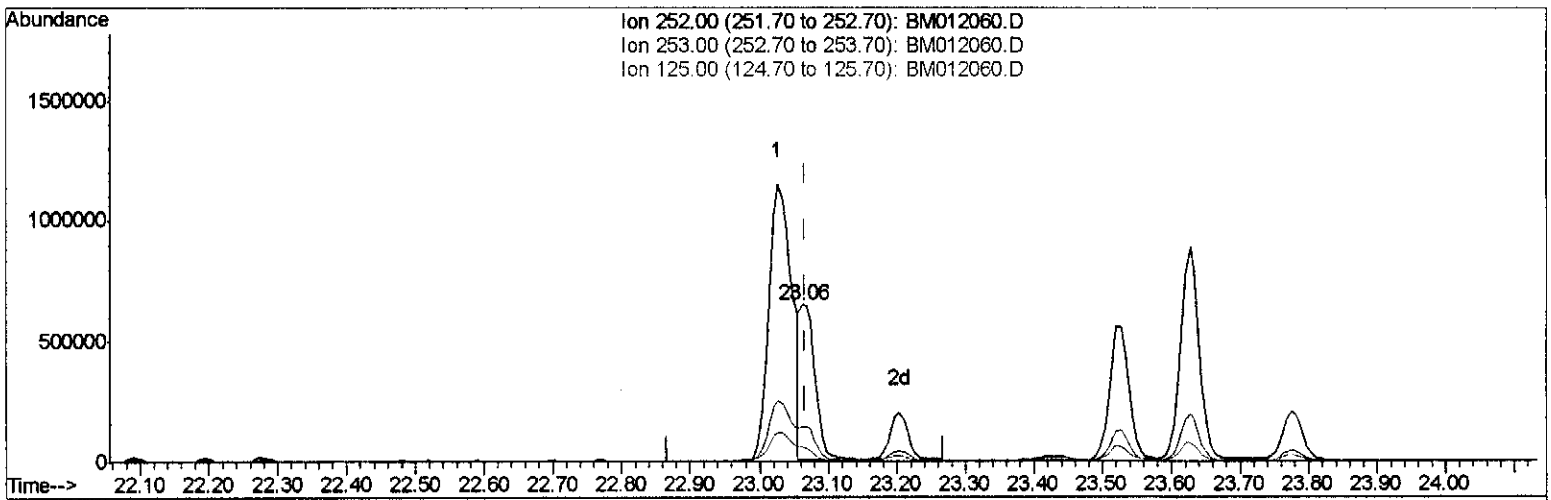
Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.11
125.00	4.30	10.40#
0.00	0.00	0.00

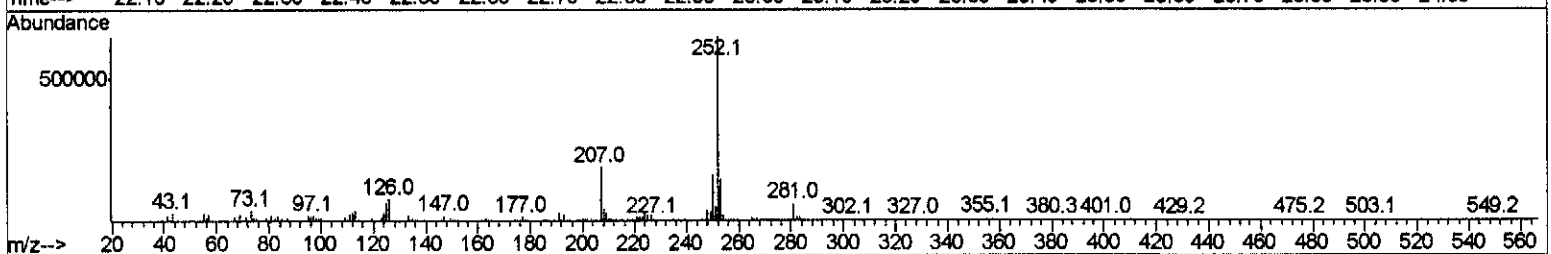
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

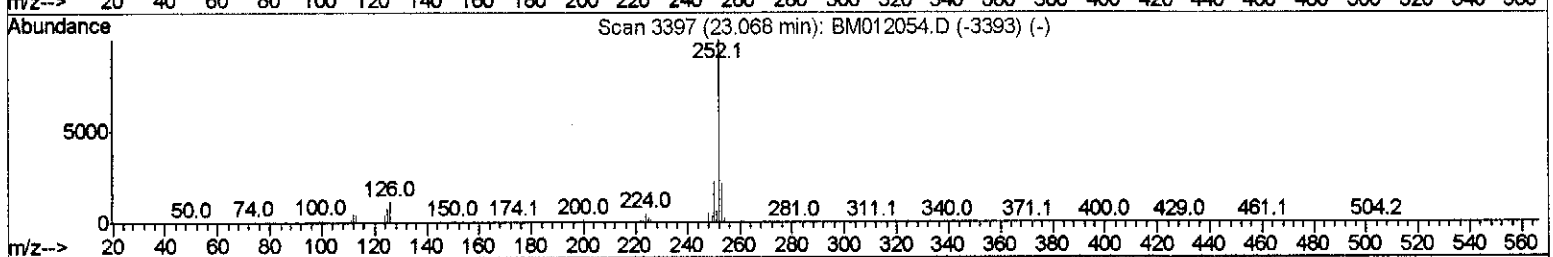
Quant Time: Oct 11 03:49:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM







TIC: BM012060.D

(86) Benzo(k)fluoranthene

23.062min (-0.006) 8.35ng/ul m> SJ 10/16/17

response 948891

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.09
125.00	4.30	9.54#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 11 03:50:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB3M0

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	302425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1306007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	788450	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1874317	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2188241	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1872930	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	16621m	2.60	ng/uL	0.00
5) Phenol-d5	7.00	99	338931	13.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	261104	16.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	316633	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	315699	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	174440	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	129476	12.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	296917	14.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	52859	2.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1159696	16.97	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1636262	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	19602m	1.64	ng/ul	0.02
57) Fluorene-d10	15.48	176	1202954	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	23497	1.86	ng/ul	0.00
70) Anthracene-d10	17.33	188	1873817	20.29	ng/ul	0.00
76) Pyrene-d10	19.63	212	2337634	23.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1903307	21.12	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.69	128	248782	3.797	ng/ul	98
34) 2-Methylnaphthalene	12.31	142	78130	1.564	ng/ul	99
44) Dimethylphthalate	13.94	163	323823	4.926	ng/ul	99
49) Acenaphthene	14.55	153	376368	6.986	ng/ul	98
53) Dibenzofuran	14.89	168	248588	3.179	ng/ul	98
58) Fluorene	15.54	166	352535	5.399	ng/ul	97
69) Phenanthrene	17.28	178	3926135	38.081	ng/ul	99
71) Anthracene	17.37	178	859577	8.194	ng/ul	99
72) Carbazole	17.64	167	436007	4.798	ng/ul	99
74) Fluoranthene	19.29	202	5371899	42.704	ng/ul#	90
77) Pyrene	19.66	202	4287040	35.333	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	2561091	20.430	ng/ul	98
82) Chrysene	21.44	228	2362738	19.837	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	2714277	23.842	ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	948891m	8.349	ng/ul	
88) Benzo(a)pyrene	23.63	252	1653496	15.116	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	941115	8.040	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	268688	2.793	ng/ul#	93
91) Benzo(g,h,i)perylene	26.82	276	736940	7.611	ng/ul#	93

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