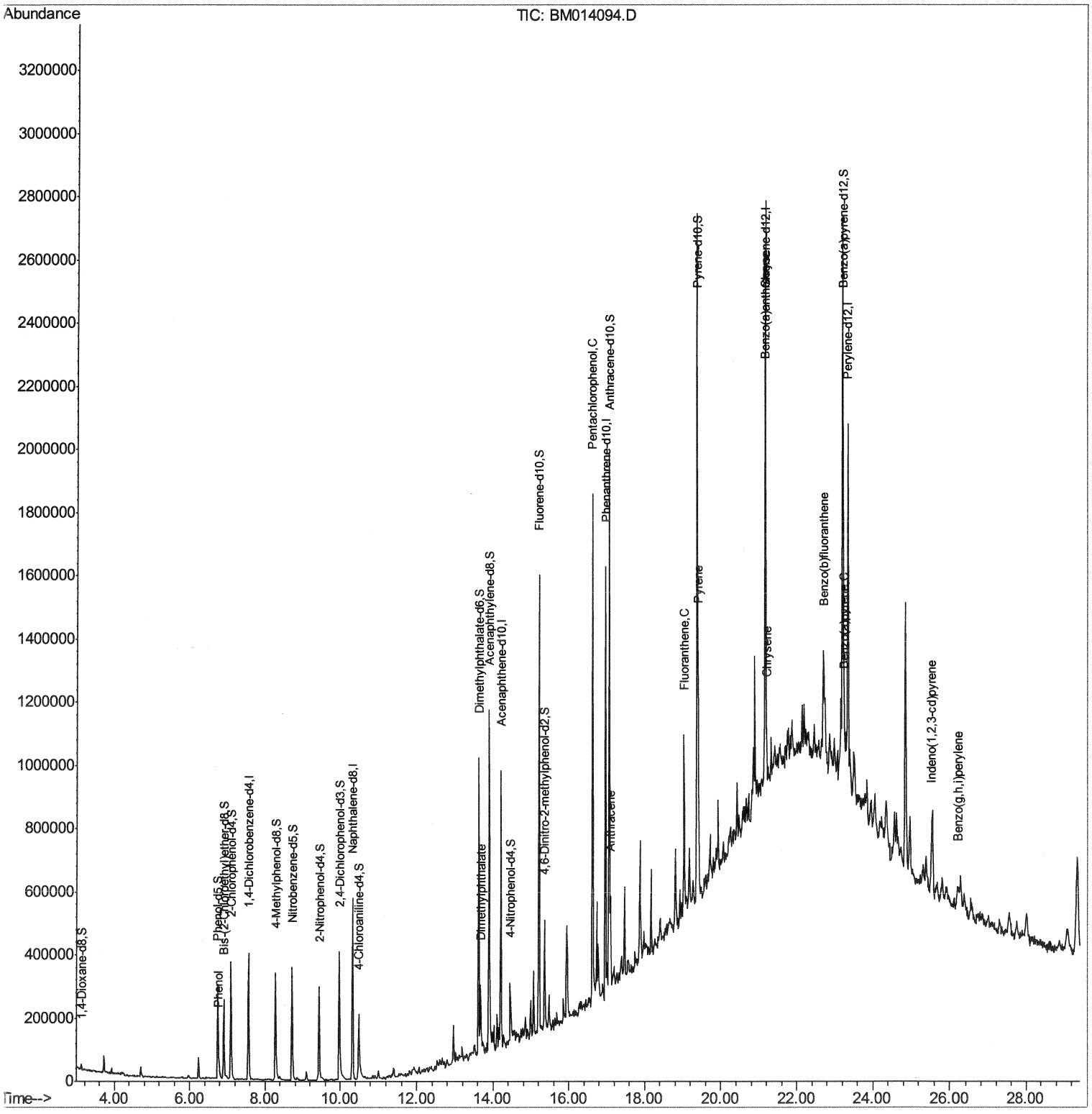
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 02 06:11:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 02 06:09:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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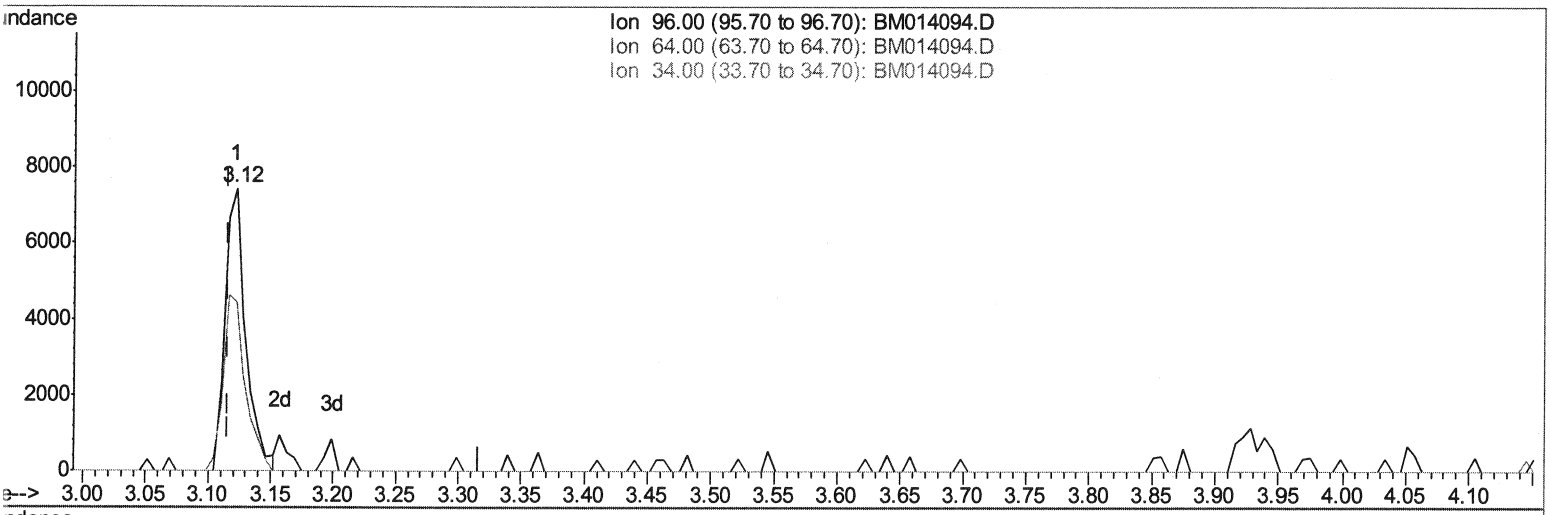
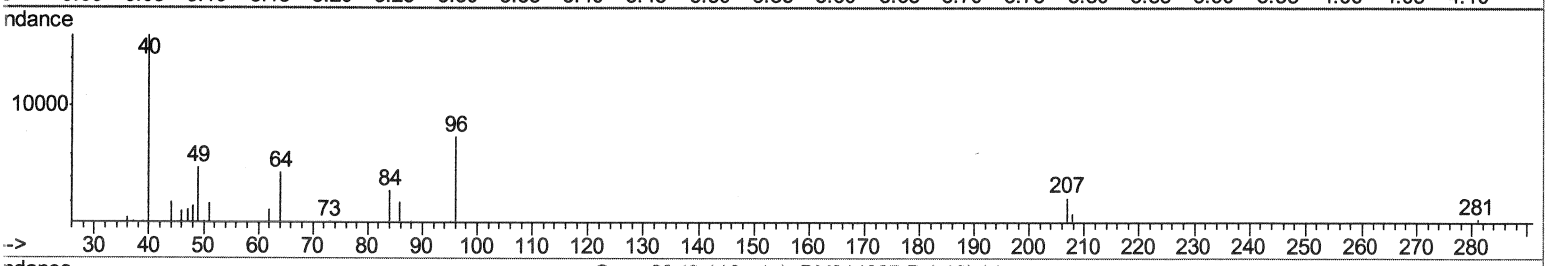
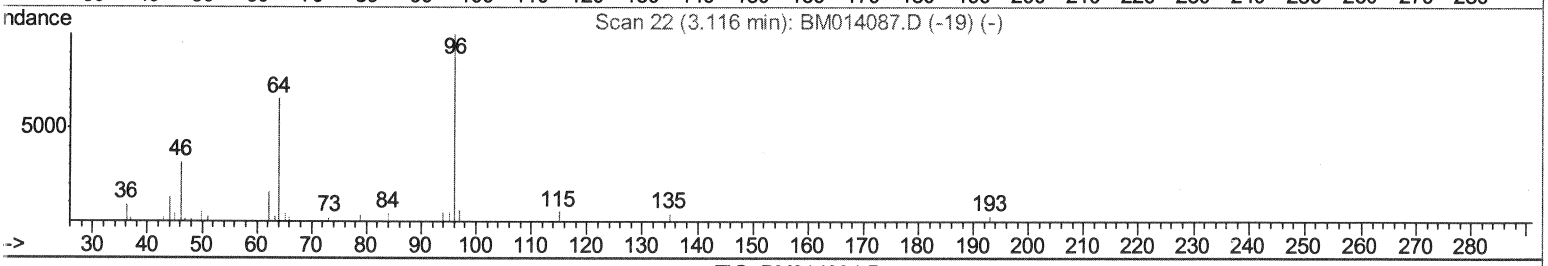
Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM







TIC: BM014094.D

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

3.122min (+0.006) 3.95ng/uL m JU 02/02/18

response 8591

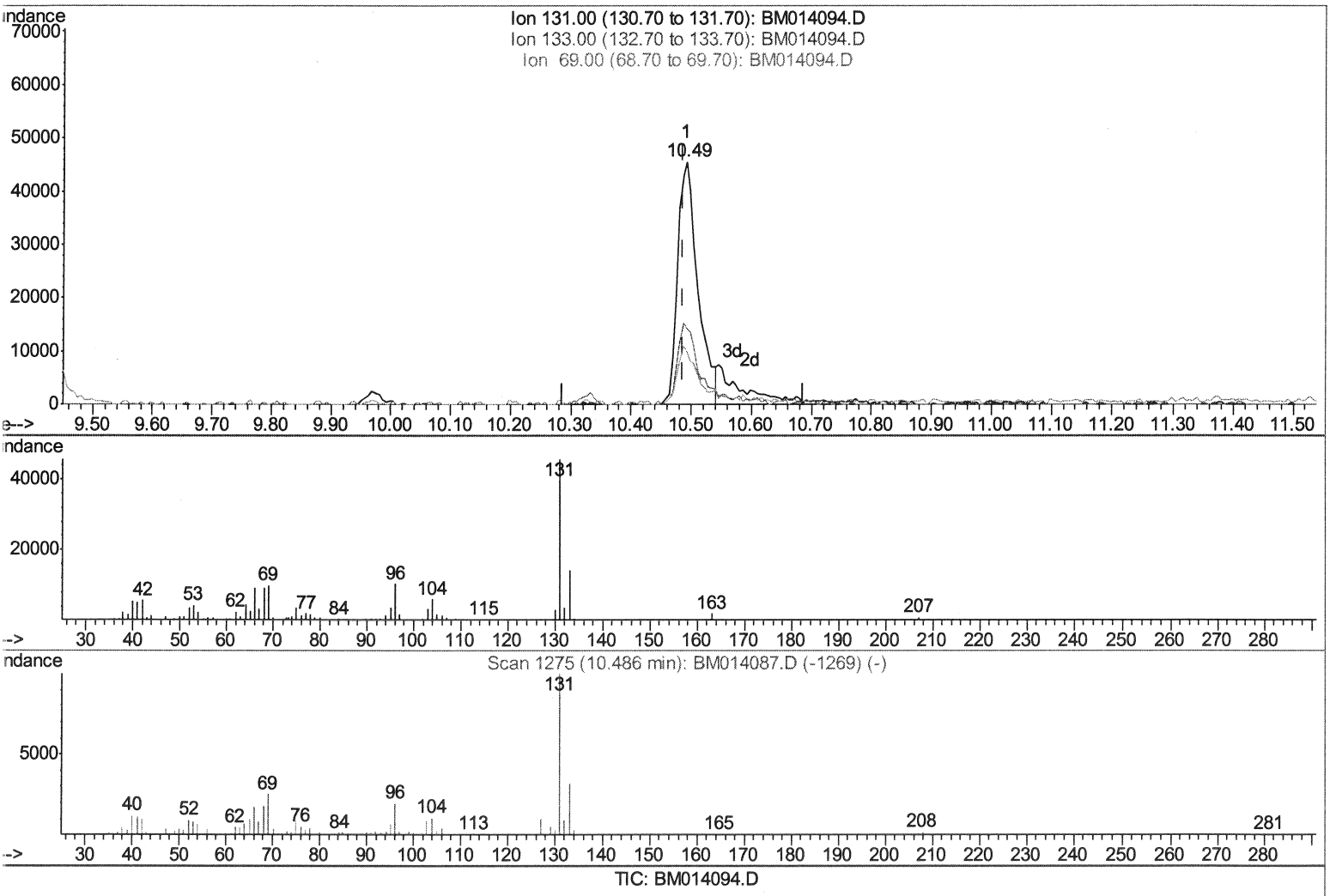
Ion	Exp%	Act%
96.00	100	100
64.00	74.90	66.72
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 02 06:10:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM



(29) 4-Chloroaniline-d4 (S)

10.492min (+0.006) 17.81ng/ul

response 106158

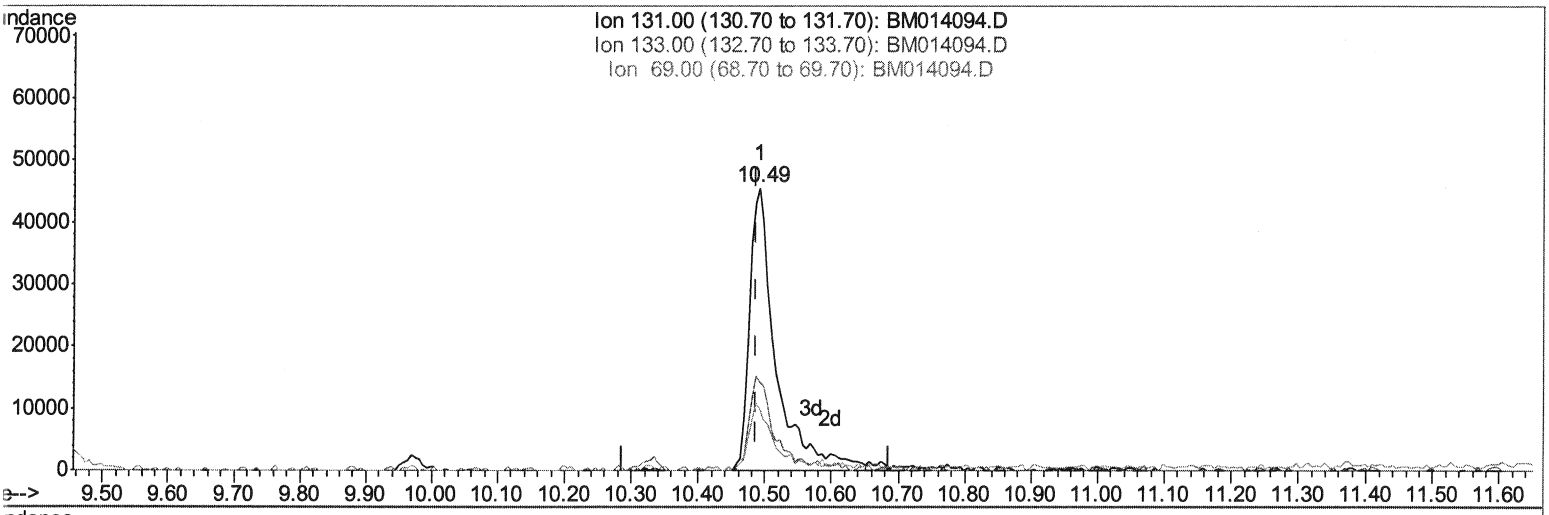
Ion	Exp%	Act%
131.00	100	100
133.00	31.40	31.43
69.00	24.30	21.85
0.00	0.00	0.00

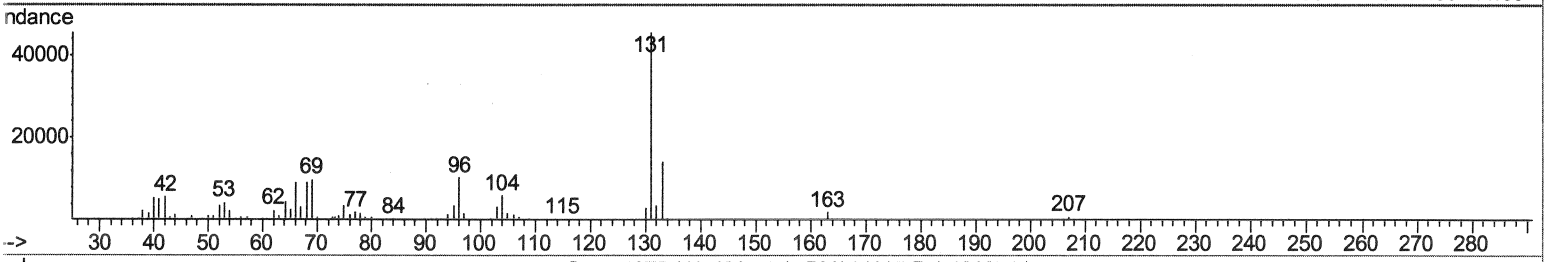
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

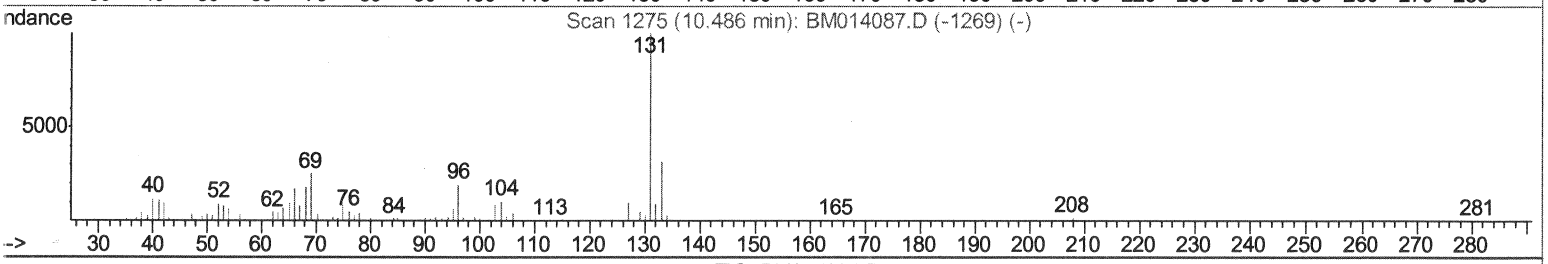
Quant Time: Feb 02 06:10:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM







TIC: BM014094.D

(29) 4-Chloroaniline-d4 (S)

10.492min (+0.006) 20.99ng/ul m JU 2/2/18

response 125143

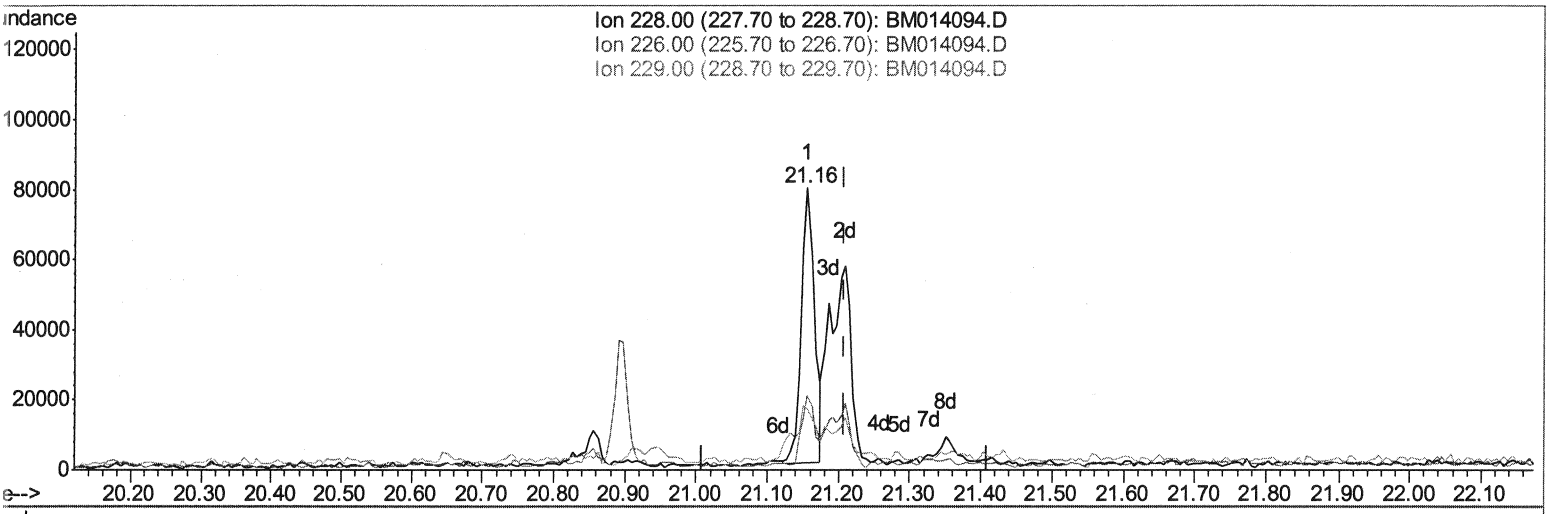
Ion	Exp%	Act%
131.00	100	100
133.00	31.40	31.43
69.00	24.30	21.85
0.00	0.00	0.00

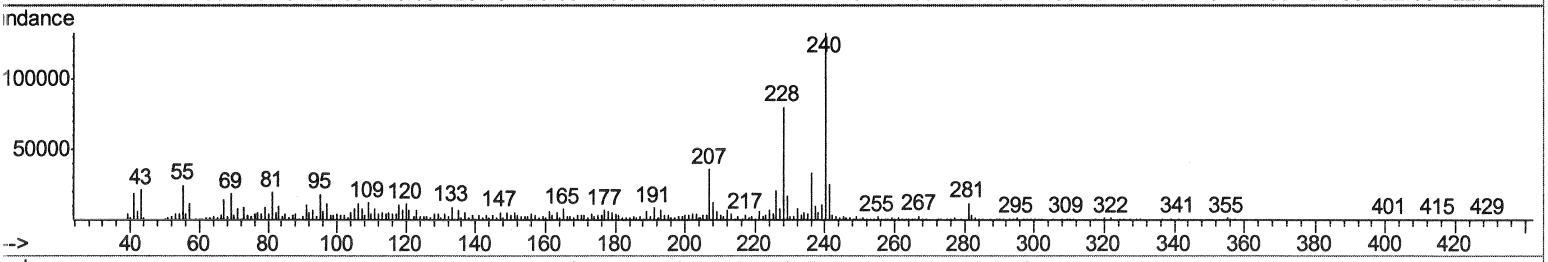
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

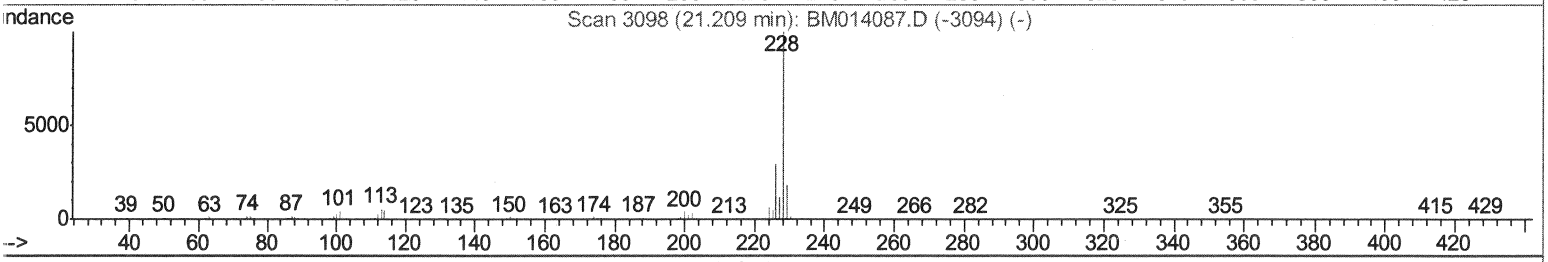
Quant Time: Feb 02 06:10:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM







TIC: BM014094.D

(82) Chrysene

21.156min (-0.053) 2.16ng/ul

response 102689

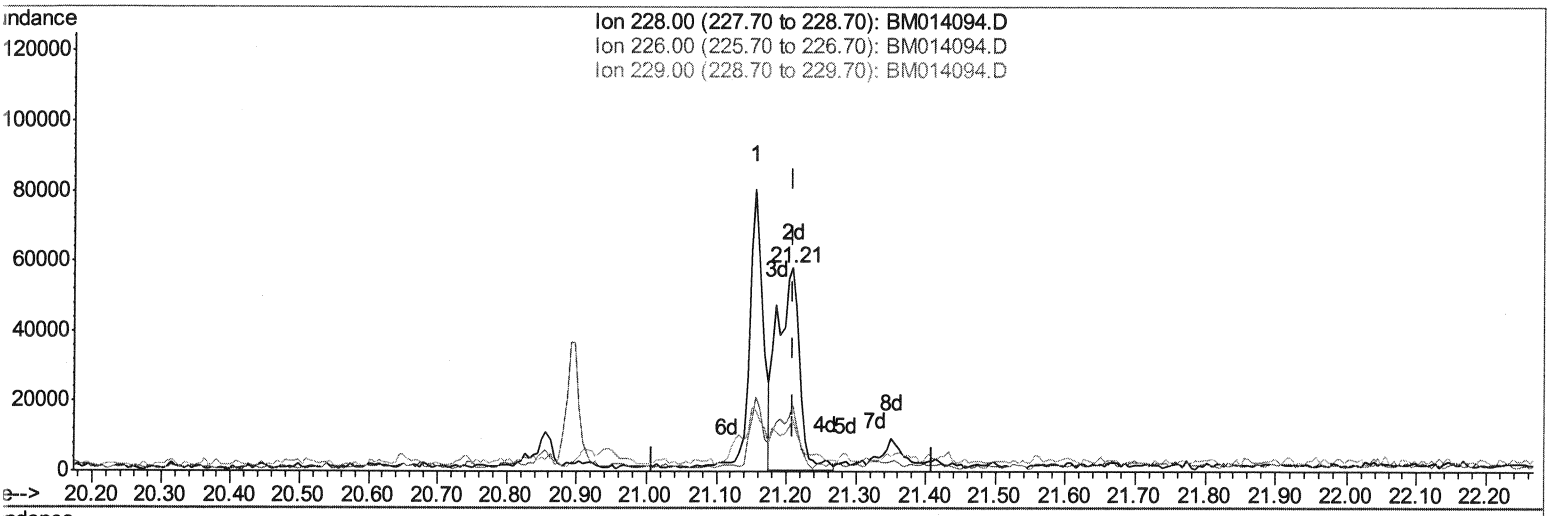
Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.28
229.00	19.40	21.94
0.00	0.00	0.00

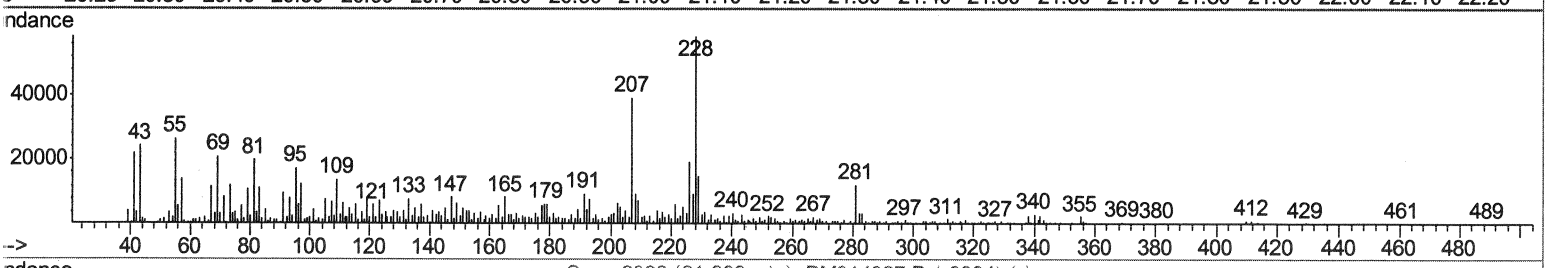
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

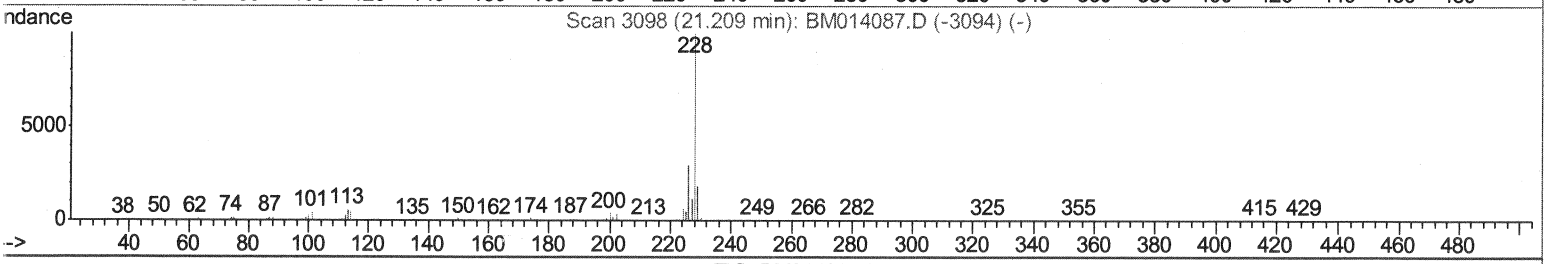
Quant Time: Feb 02 06:10:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM







TIC: BM014094.D

(82) Chrysene

21.209min (-0.000) 2.69ng/ul m JU 2/2/18

response 127955

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	33.01
229.00	19.40	25.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014094.D
Acq On : 02 Feb 2018 03:32
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 02 06:09:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
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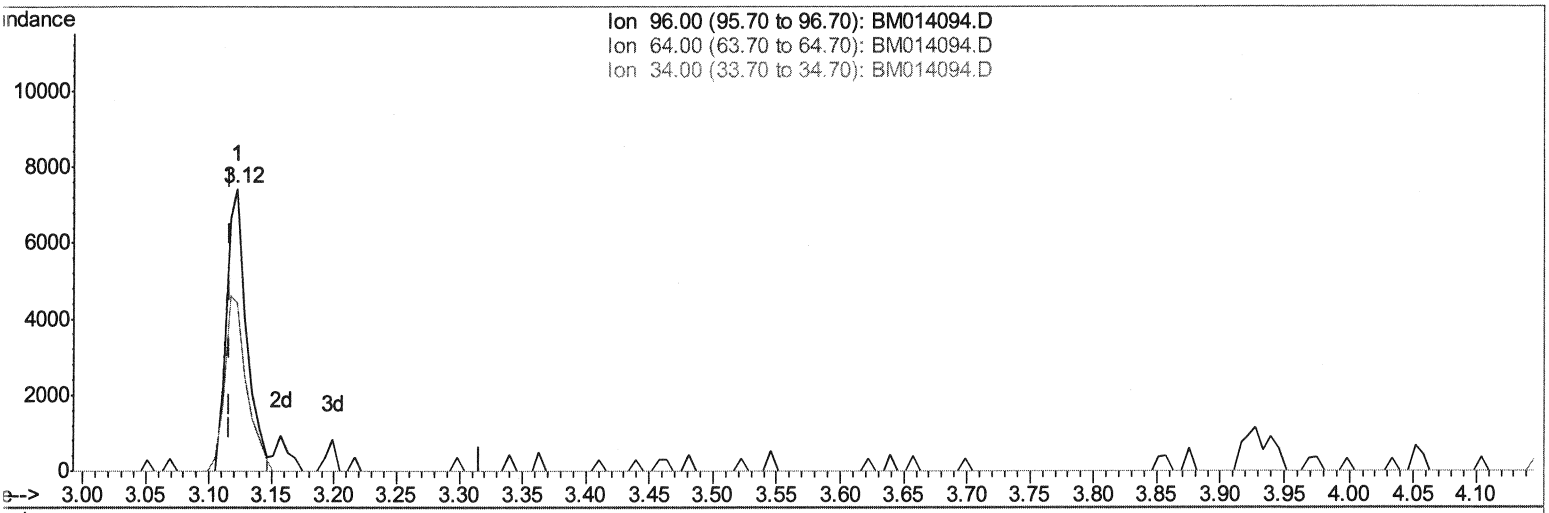
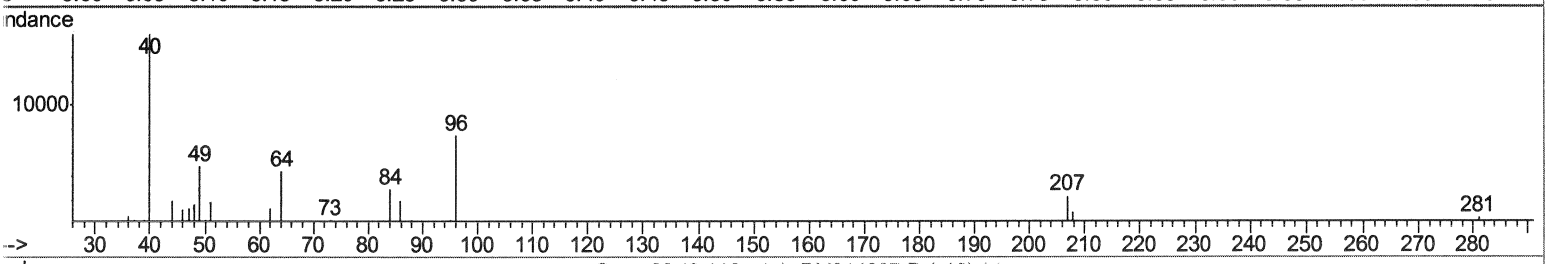
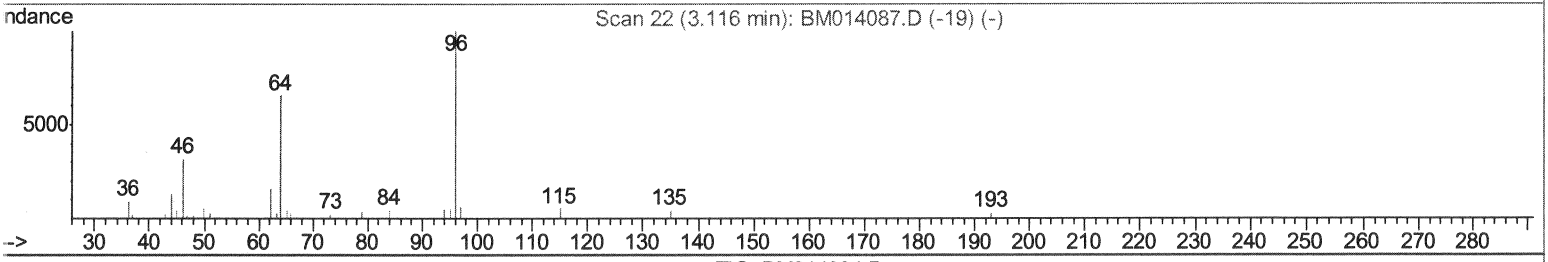
Instrument :
BNA_M
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM







TIC: BM014094.D

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

3.122min (+0.006) 3.88ng/uL

response 8443

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	67.89
34.00	0.00	0.00
0.00	0.00	0.00

ata Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
ata File : BM014094.D
cq On : 02 Feb 2018 03:32
perator : SJ/JU
ample : J1314-07
isc :
LS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C44

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:54 PM

uant Time: Feb 02 06:11:52 2018
uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
uant Title : SVOA CALIBRATION
Last Update : Fri Feb 02 03:15:28 2018
esponse via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	99912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	409196	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	274105	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	722292	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	812618	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	800627	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	8591m	3.95	ng/uL	0.00
5) Phenol-d5	6.75	99	158121	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	99084	21.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	138291	23.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	120780	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	70631	23.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	76608	23.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	141368	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	125143m	20.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	571391	25.12	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	704607	25.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	51209	16.34	ng/ul	0.01
57) Fluorene-d10	15.21	176	527546	25.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	79788	17.99	ng/ul	0.00
70) Anthracene-d10	17.07	188	921398	26.27	ng/ul	0.00
76) Pyrene-d10	19.37	212	1108144	28.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	1040759	26.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.77	94	13684	1.821	ng/ul#	71
44) Dimethylphthalate	13.68	163	108906	4.966	ng/ul	96
68) Pentachlorophenol	16.62	266	264255	55.875	ng/ul	100
71) Anthracene	17.10	178	171974	4.180	ng/ul	100
74) Fluoranthene	19.03	202	317299	6.280	ng/ul#	94
77) Pyrene	19.40	202	381266	7.863	ng/ul#	95
80) Benzo(a)anthracene	21.16	228	103322	2.041	ng/ul	97
82) Chrysene	21.21	228	127955m	2.689	ng/ul	
85) Benzo(b)fluoranthene	22.71	252	278083	5.504	ng/ul#	94
88) Benzo(a)pyrene	23.26	252	69909	1.468	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.53	276	97921	1.877	ng/ul	96
91) Benzo(g,h,i)perylene	26.19	276	98530	2.284	ng/ul	97

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