

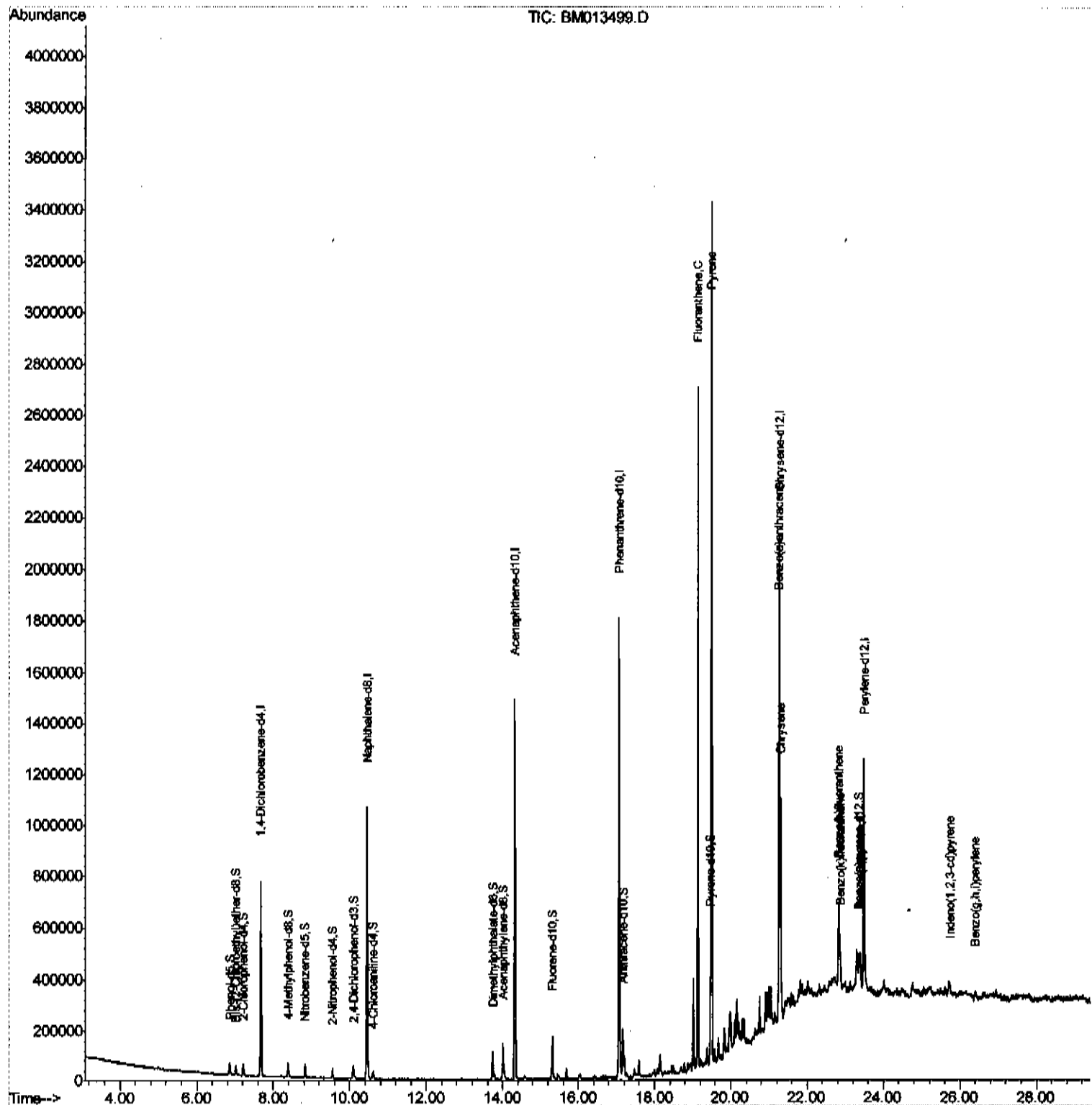
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013499.D
 Acq On : 18 Dec 2017 15:24
 Operator : SJ/JU
 Sample : I6776-03MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A55MEDL

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:32 PM

Quant Time: Dec 19 01:30:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
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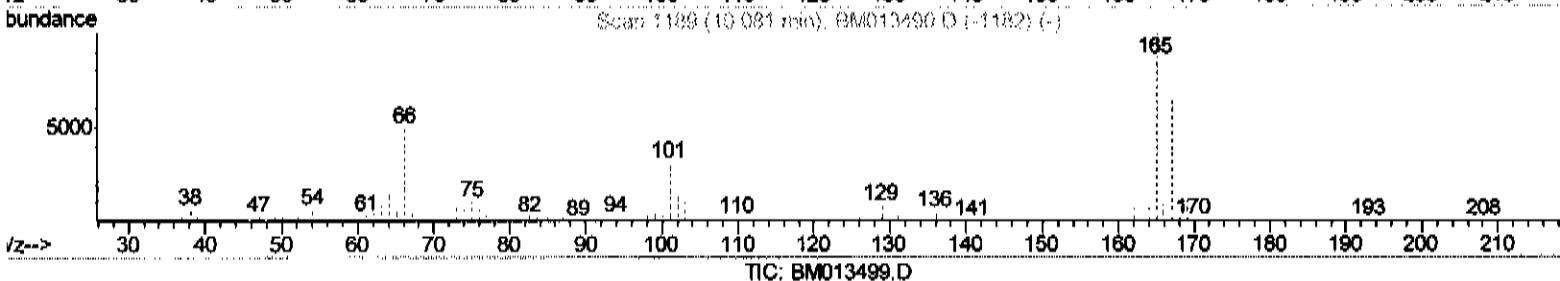
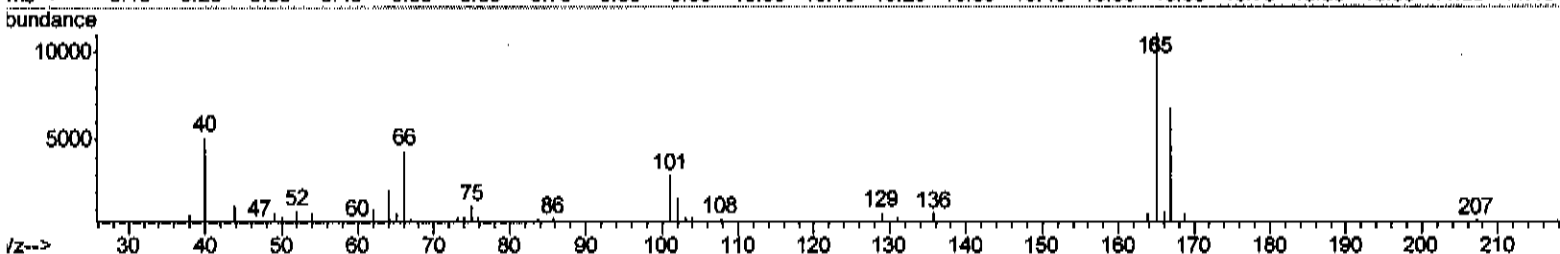
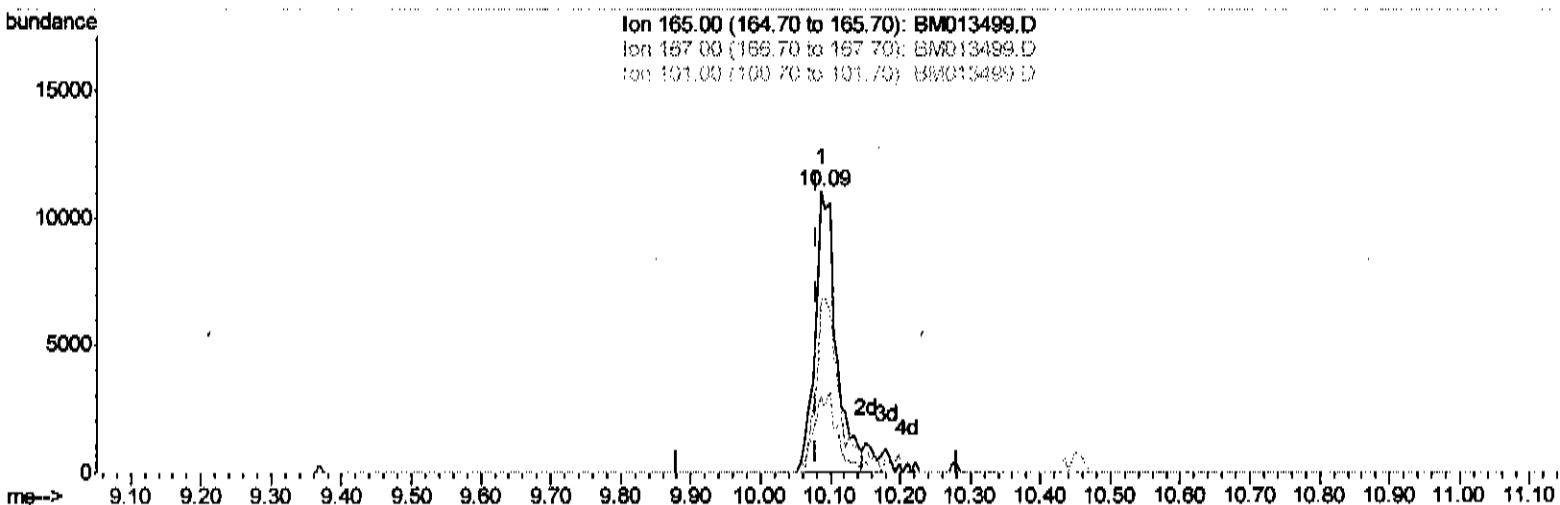
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Quant Time: Dec 19 00:43:22 2017
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(26) 2,4-Dichlorophenol-d3 (S)

10.086min (+0.006) 1.52ng/ul

response 23000

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	60.92
101.00	29.30	27.11
0.00	0.00	0.00

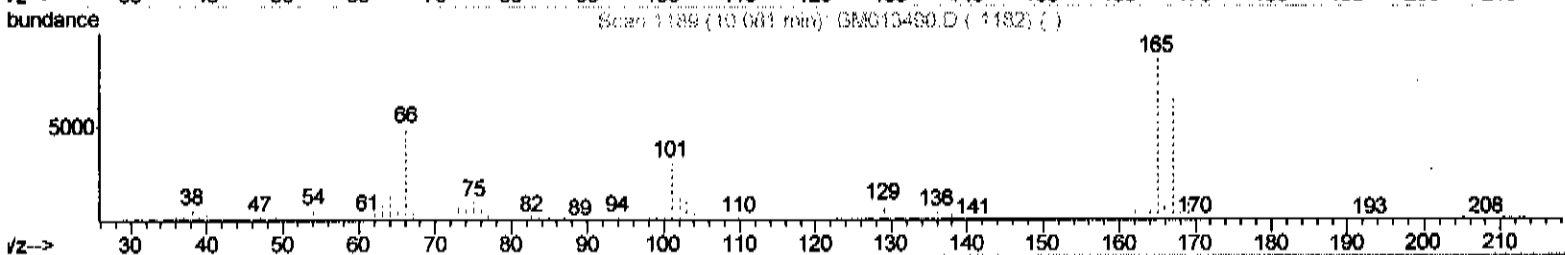
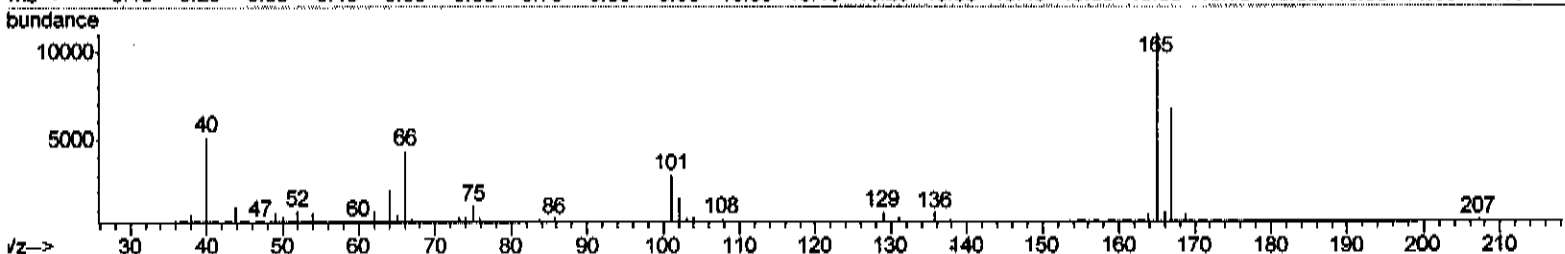
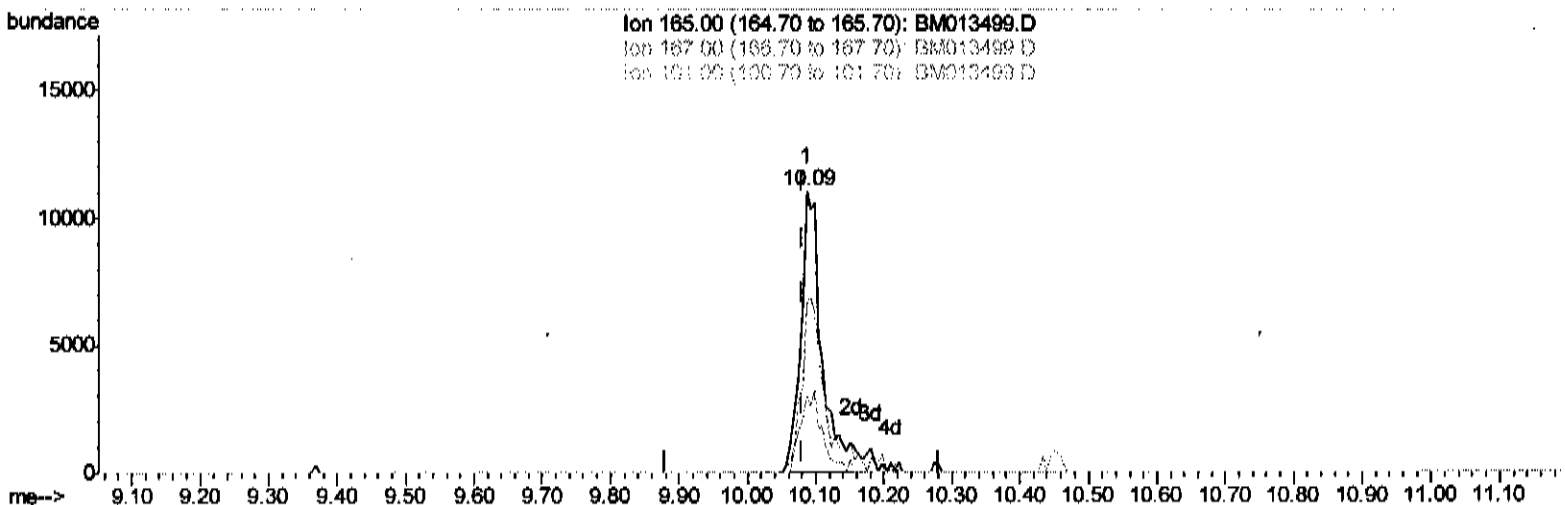
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Manual Integrations
 APPROVED

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Quant Time: Dec 19 00:43:22 2017
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TIC: BM013499.D

(26) 2,4-Dichlorophenol-d3 (S)

10.086min (+0.006) 1.65ng/ul m

SJ 12/19/17

response 24857

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	60.92
101.00	29.30	27.11
0.00	0.00	0.00

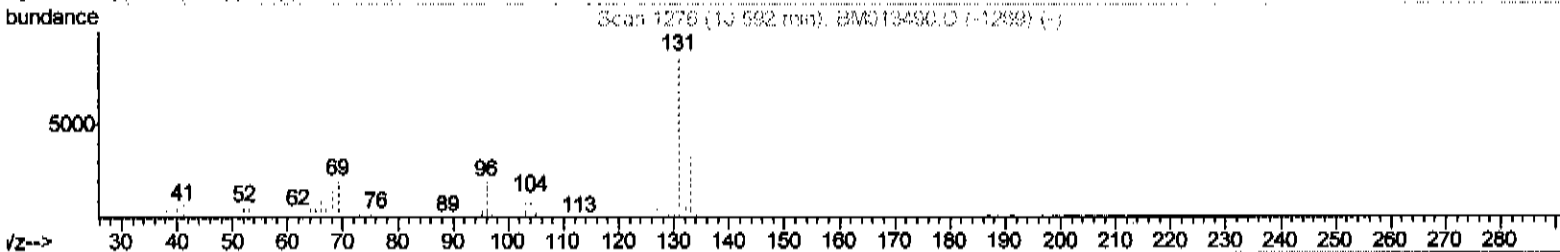
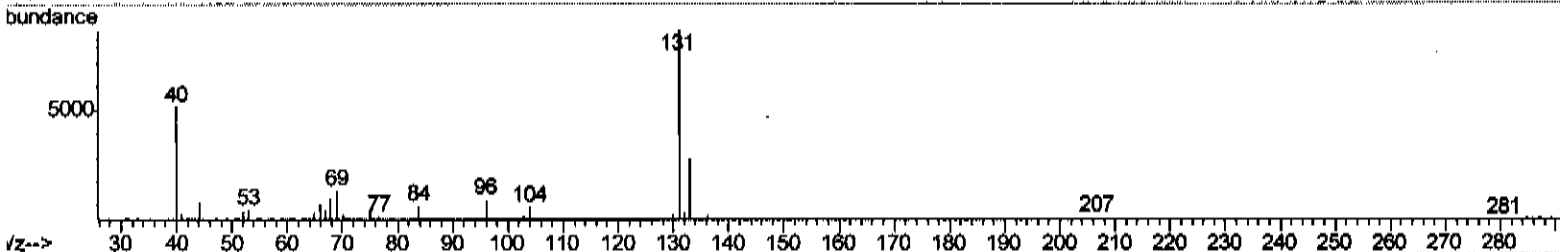
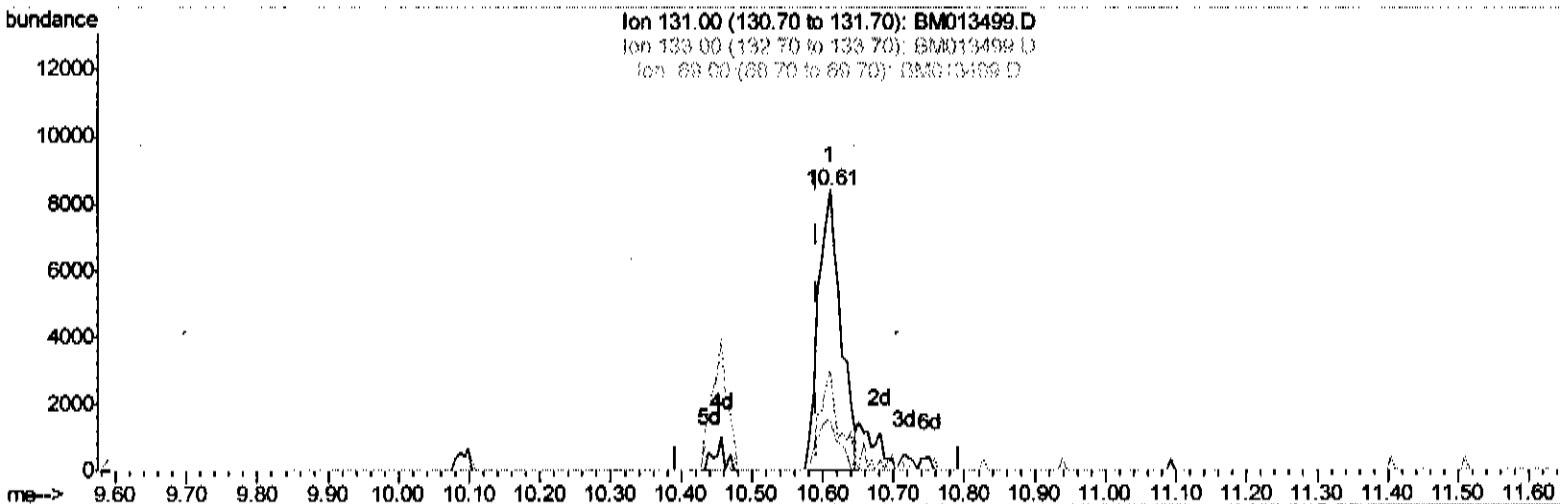
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Instrument :
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 ClientSampleID :
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Manual Integrations
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Sohil
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Quant Time: Dec 19 01:26:37 2017
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TIC: BM013499.D

(29) 4-Chloroaniline-d4 (S)

10.610min (+0.018) 1.33ng/ul

response 18490

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	35.39
69.00	24.30	18.35#
0.00	0.00	0.00

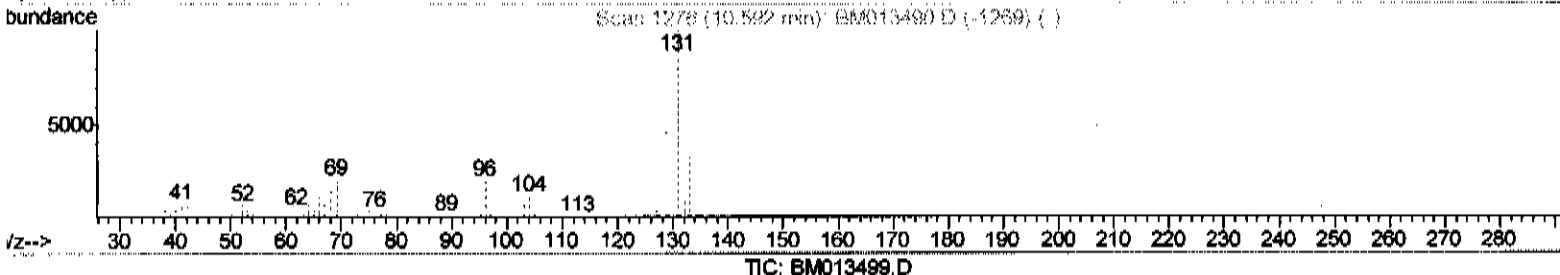
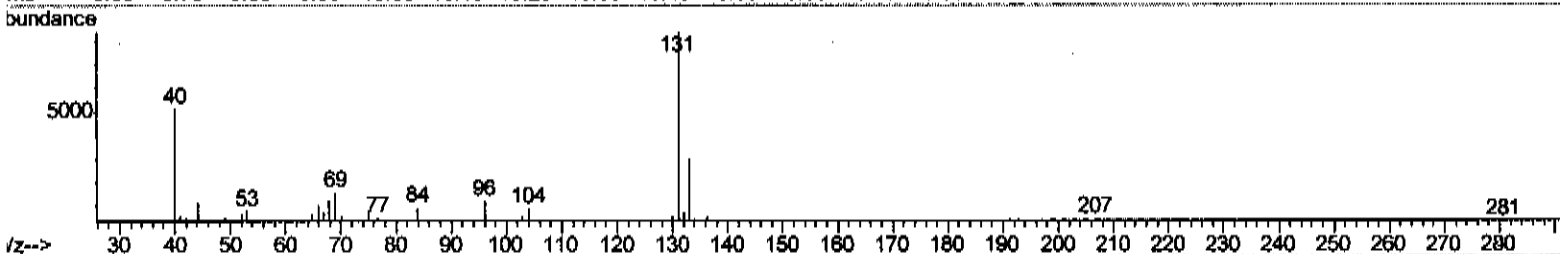
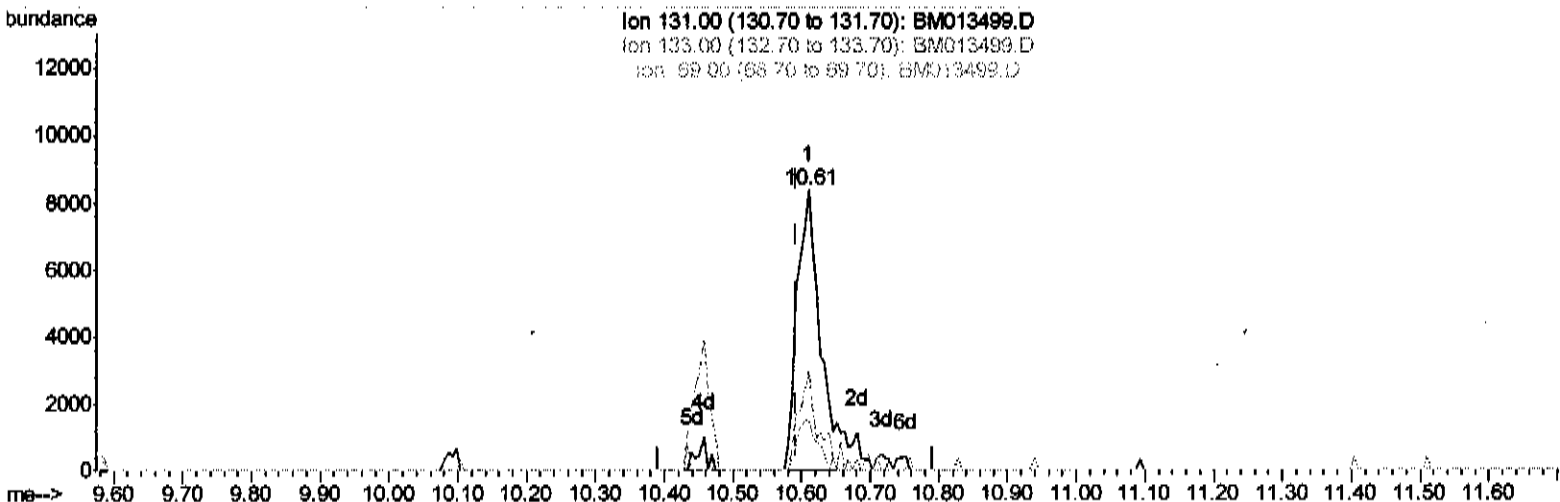
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 Operator : SJ/JU
 Sample : I6776-03MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A55MEDL

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:32 PM

Quant Time: Dec 19 01:26:37 2017
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(29) 4-Chloroaniline-d4 (S)

10.610min (+0.018) 1.51ng/ul m

SJ 12/19/17

response 21015

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	35.39
69.00	24.30	18.35#
0.00	0.00	0.00

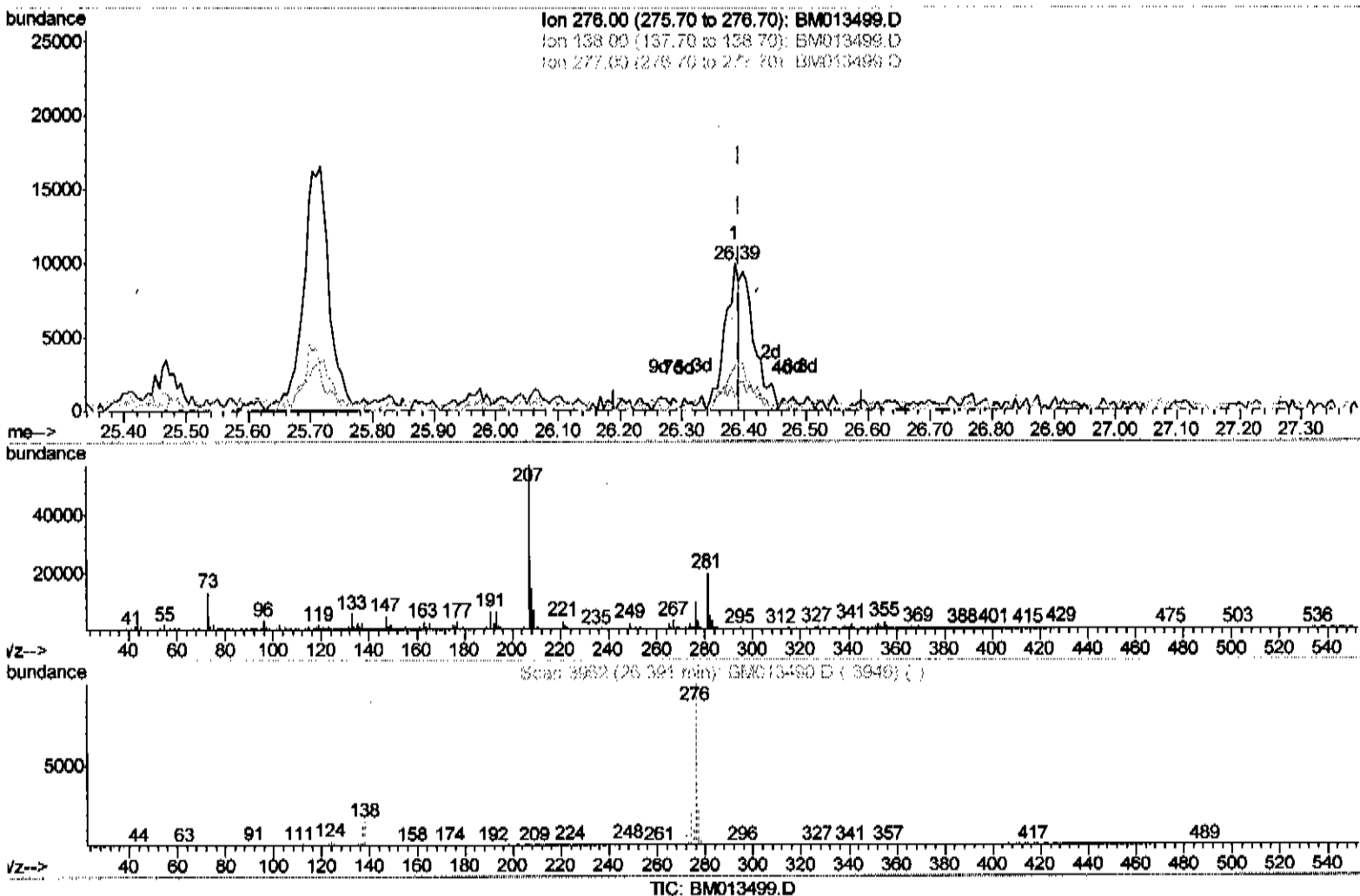
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013499.D
 Acq On : 18 Dec 2017 15:24
 Operator : SJ/JU
 Sample : I6776-03MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A55MEDL

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:32 PM

Quant Time: Dec 19 01:27:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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(91) Benzo(g,h,i)perylene

26.385min (-0.006) 0.51ng/ul

response 15822

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	8.16#
277.00	23.30	30.11#
0.00	0.00	0.00

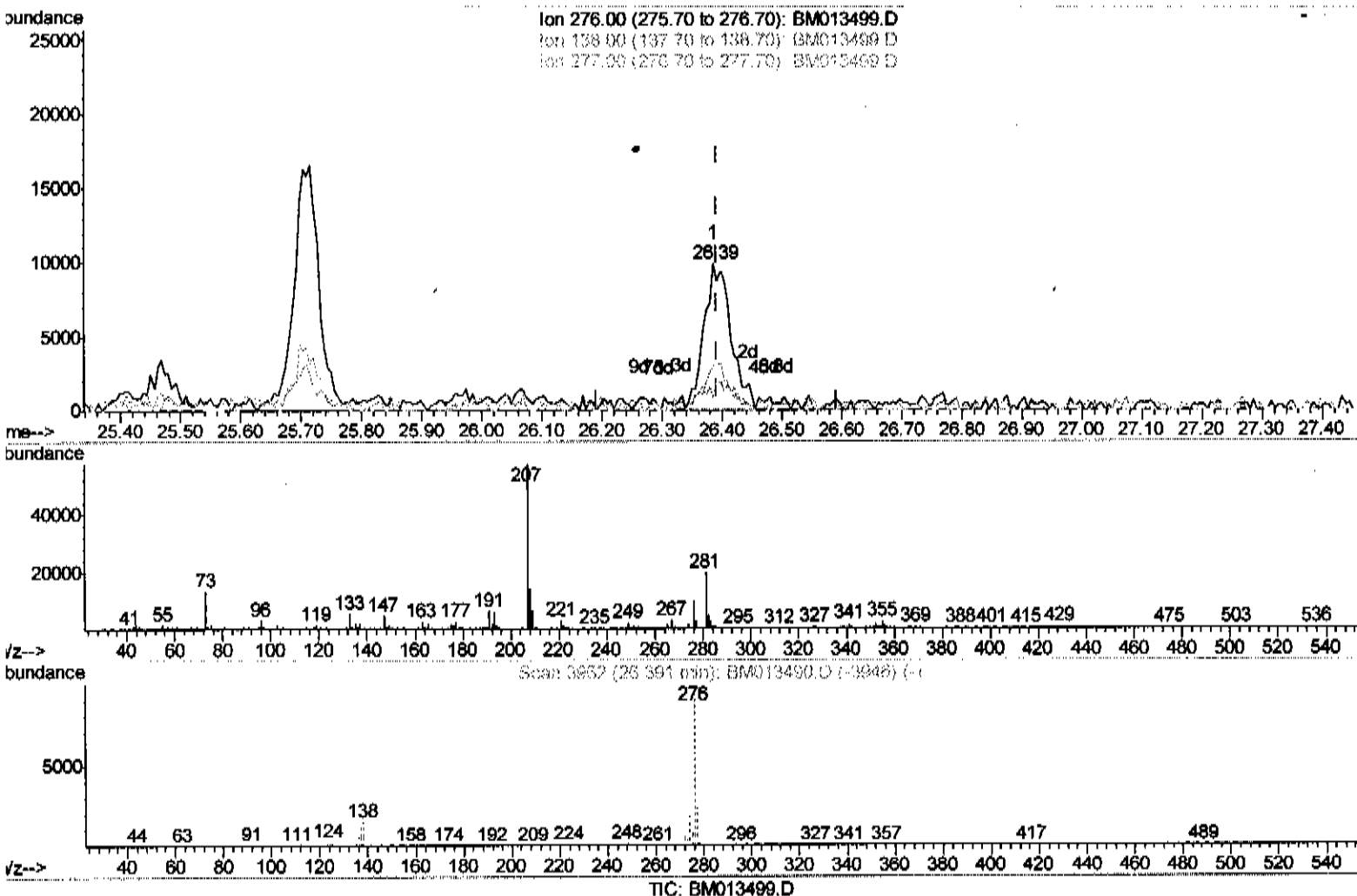
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013499.D
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 Operator : SJ/JU
 Sample : I6776-03MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A55MEDL

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:32 PM

Quant Time: Dec 19 01:27:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

26.385min (-0.006) 1.01ng/ul m

SJ 12/19/17

response 31140

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	8.16#
277.00	23.30	30.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	196502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	863265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	484667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1042570	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	770001	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	652433	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.23	96	1039	0.26	ng/uL	0.01
5) Phenol-d5	6.86	99	29358	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	17284	1.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	21825	1.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	22526	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	12908	1.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	12465	1.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	24857m	1.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	21015m	1.51	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	80569	1.87	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	103665	1.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	4952	0.66	ng/ul	0.04
57) Fluorene-d10	15.31	176	64565	1.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	3902	0.59	ng/ul	0.01
70) Anthracene-d10	17.16	188	106674	2.04	ng/ul	0.00
76) Pyrene-d10	19.46	212	99671	2.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	68479	2.06	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
74) Fluoranthene	19.13	202	1569223	21.619	ng/ul#	92
77) Pyrene	19.49	202	2097806	44.844	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	332317	6.802	ng/ul	98
82) Chrysene	21.29	228	502904	11.096	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	251583	5.720	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	78597	1.899	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	85015	2.152	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	44792	1.143	ng/ul#	89
91) Benzo(a,h,i)perylene	26.39	276	31140m	1.007	ng/ul	-

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