

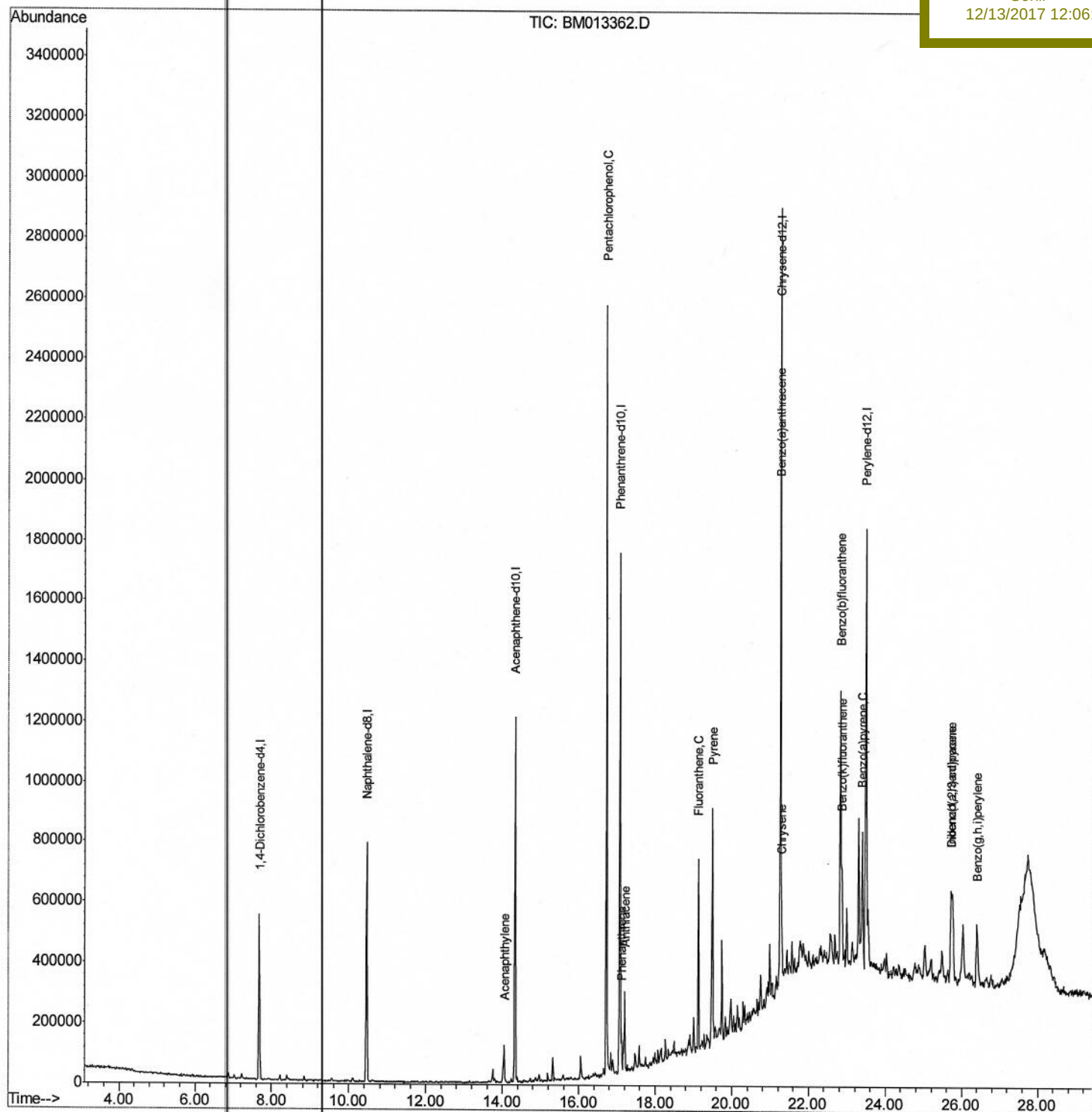
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013362.D
Acq On : 13 Dec 2017 05:47
Operator : SJ/JU
Sample : I6759-10DL 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:30:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Manual Integrations
APPROVED

Sohil
12/13/2017 12:06:13 PM



Quantitation Report (Qedit)

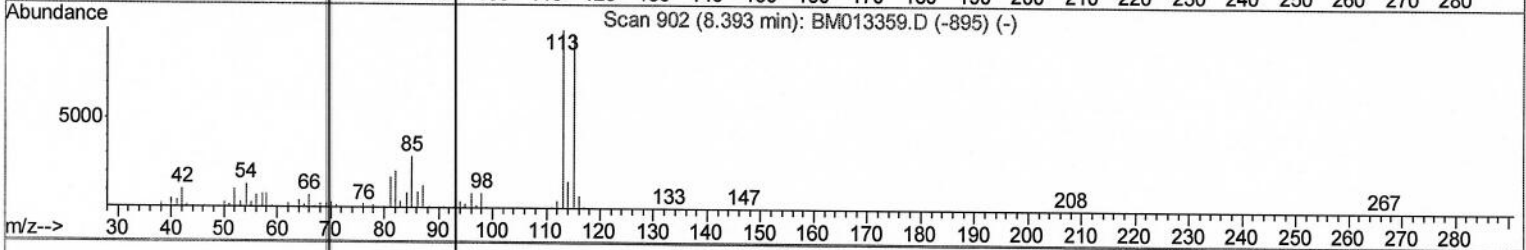
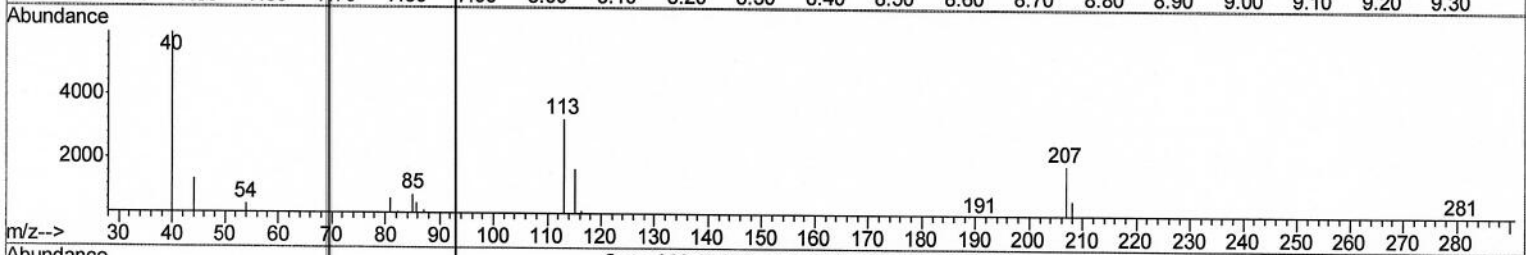
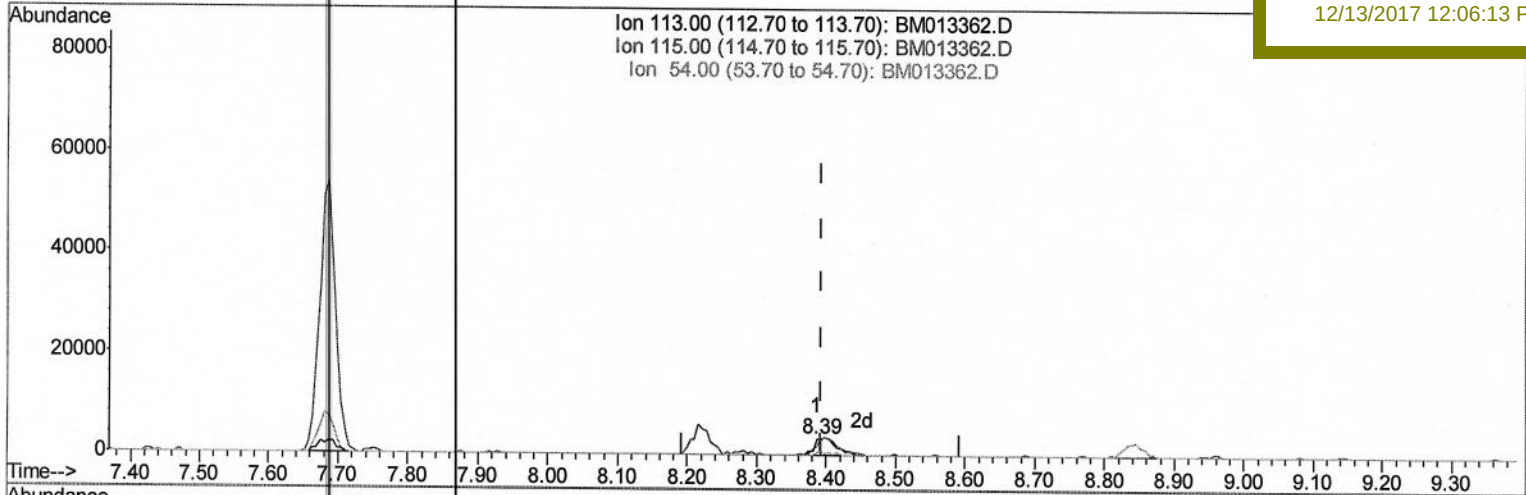
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BM013362.D

(13) 4-Methylphenol-d8 (S)
 8.387min (-0.006) 0.26ng/ul
 response 2676

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	52.57#
54.00	18.90	18.10
0.00	0.00	0.00

Quantitation Report (Qedit)

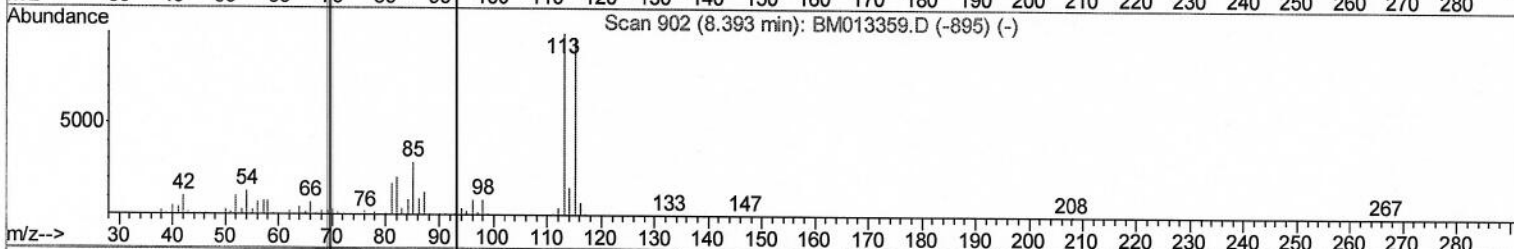
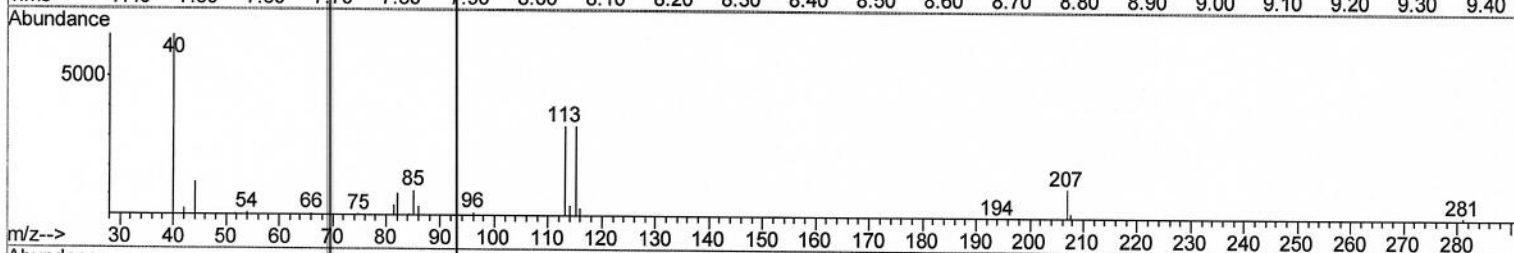
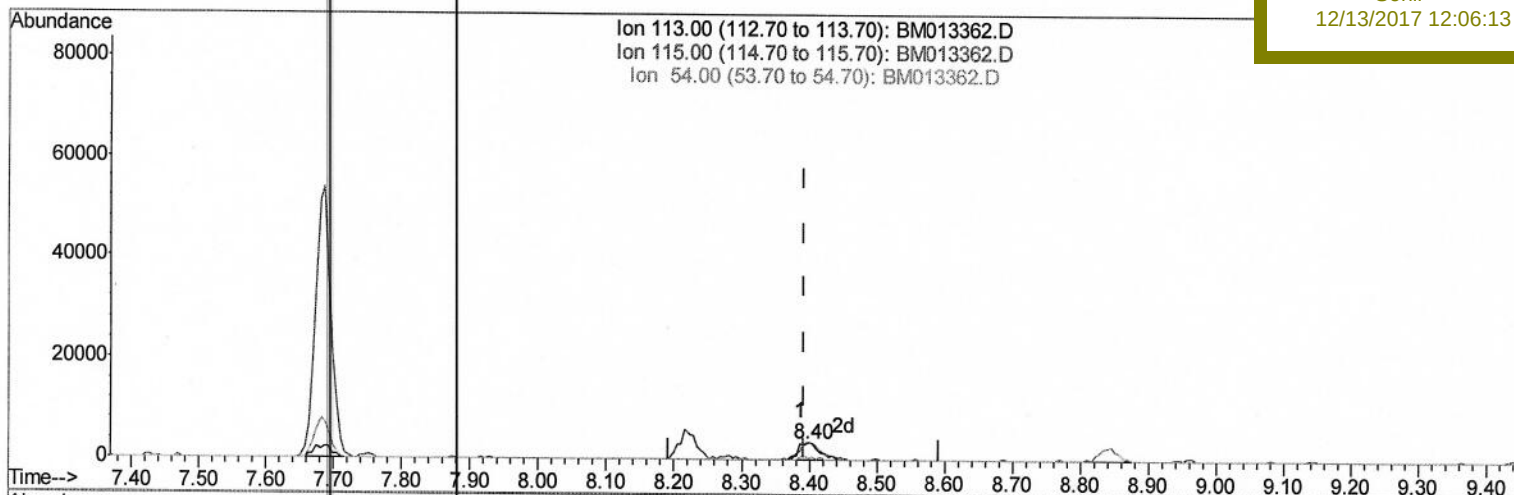
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
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 ClientSampleId :
 F9A18DL

Manual Integrations
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Sohil
 12/13/2017 12:06:13 PM



TIC: BM013362.D

(13) 4-Methylphenol-d8 (S)

8.398min (+0.006) 0.70ng/ul m

response 7355

Ion Exp% Act%

113.00 100 100

115.00 88.30 99.85

54.00 18.90 10.95#

0.00 0.00 0.00

JU 12/13/17

Quantitation Report (Qedit)

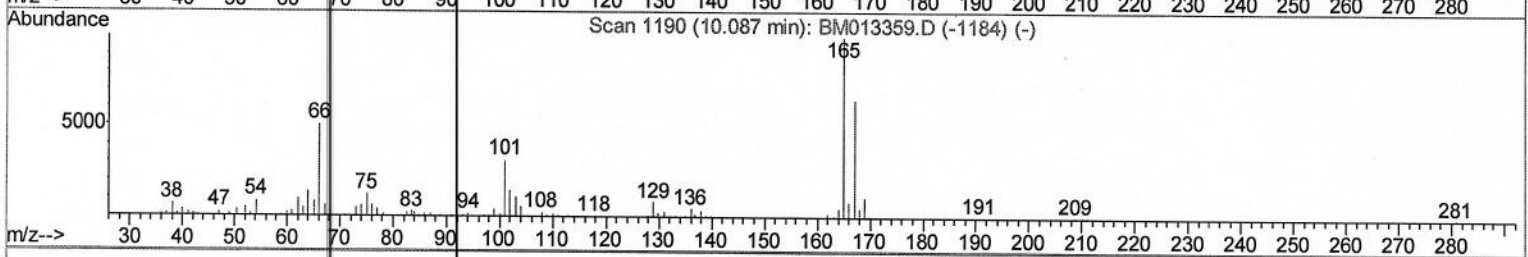
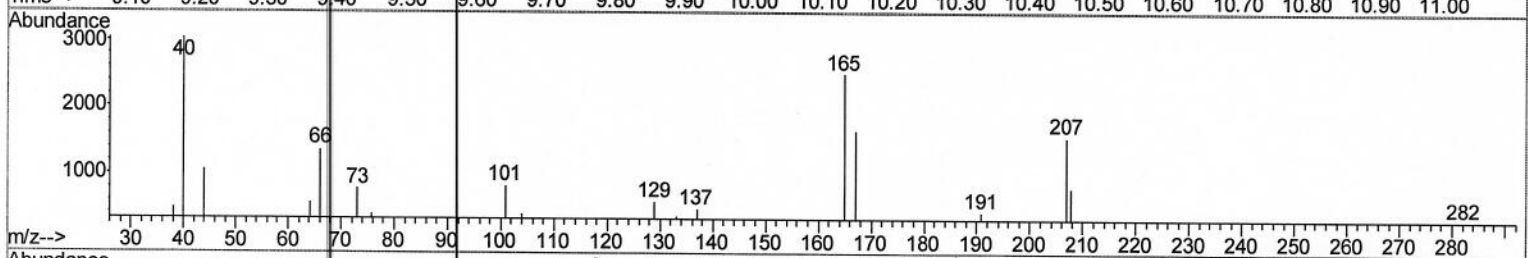
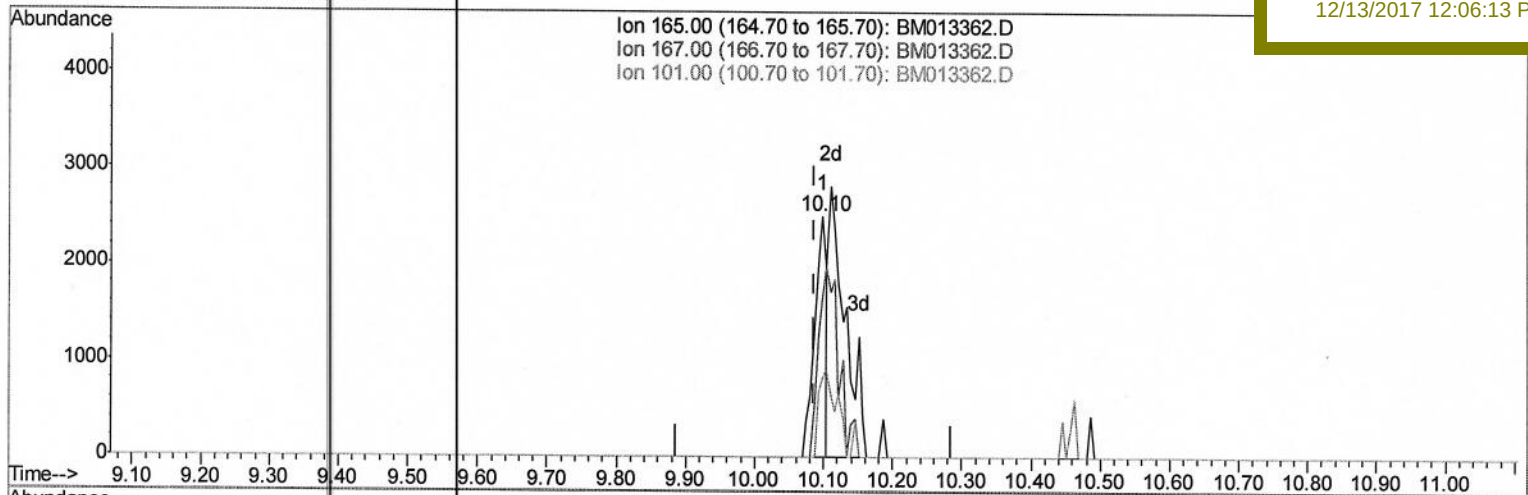
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:27:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BM013362.D

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

10.098min (+0.012) 0.30ng/ul

response 3161

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	65.67
101.00	29.30	32.81
0.00	0.00	0.00

Quantitation Report (Qedit)

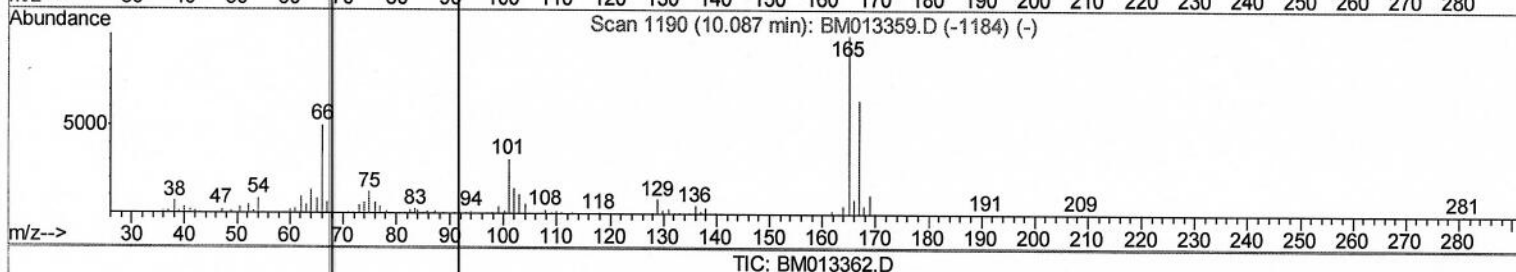
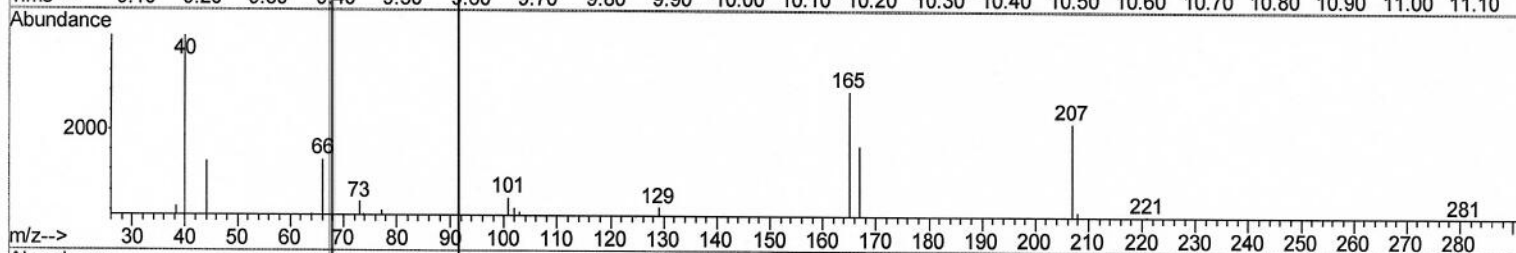
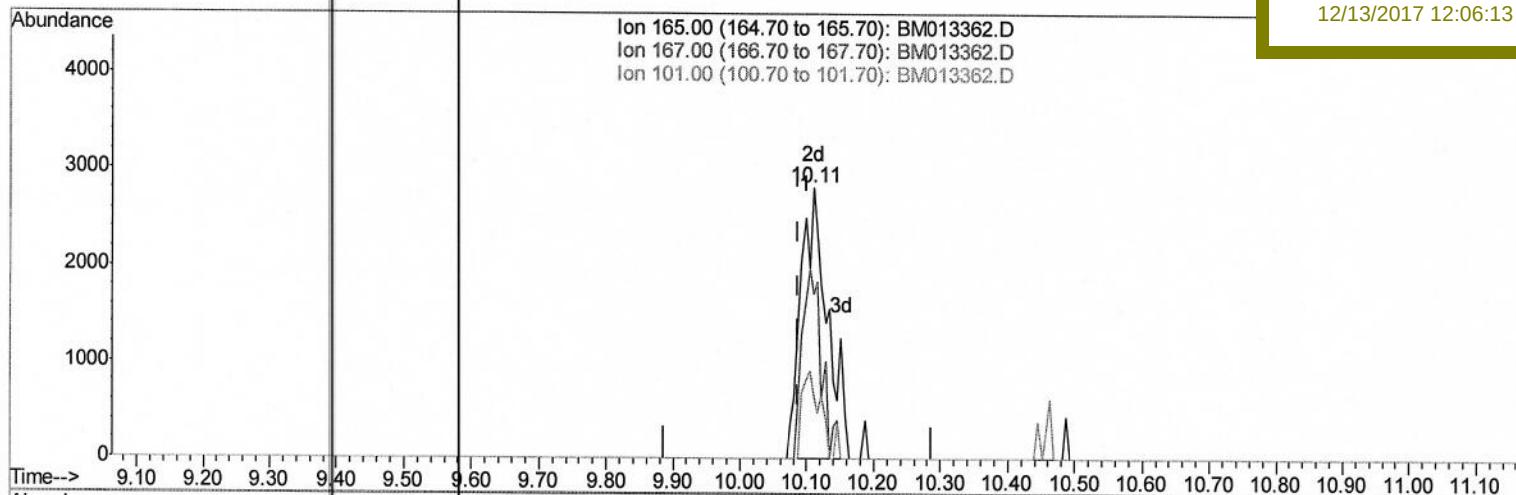
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:27:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A18DL

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:06:13 PM



TIC: BM013362.D

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

10.110min (+0.023) 0.73ng/ul m

response 7750

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	60.73
101.00	29.30	23.05#
0.00	0.00	0.00

JU 12/13/17

Quantitation Report (Qedit)

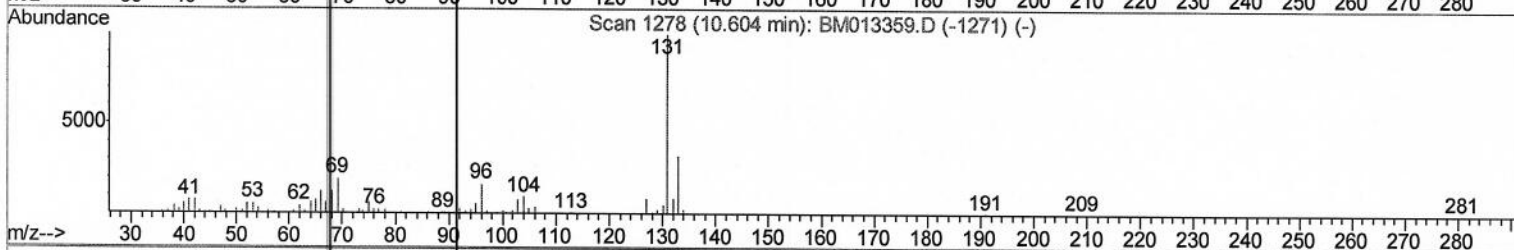
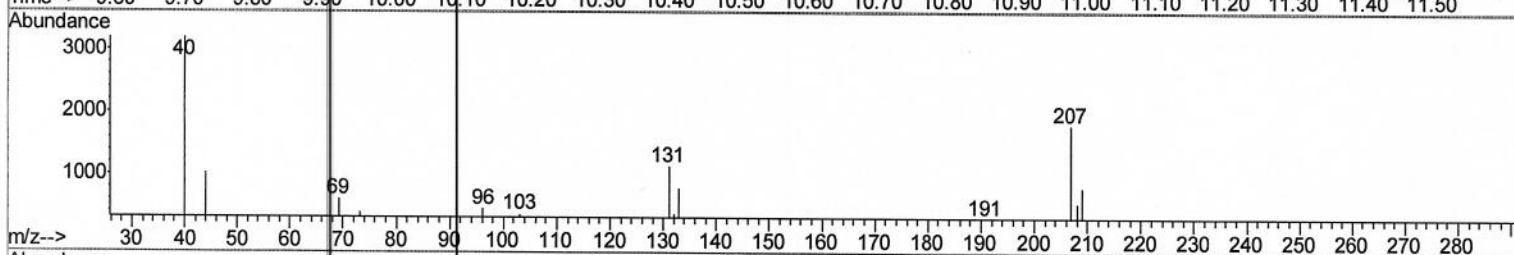
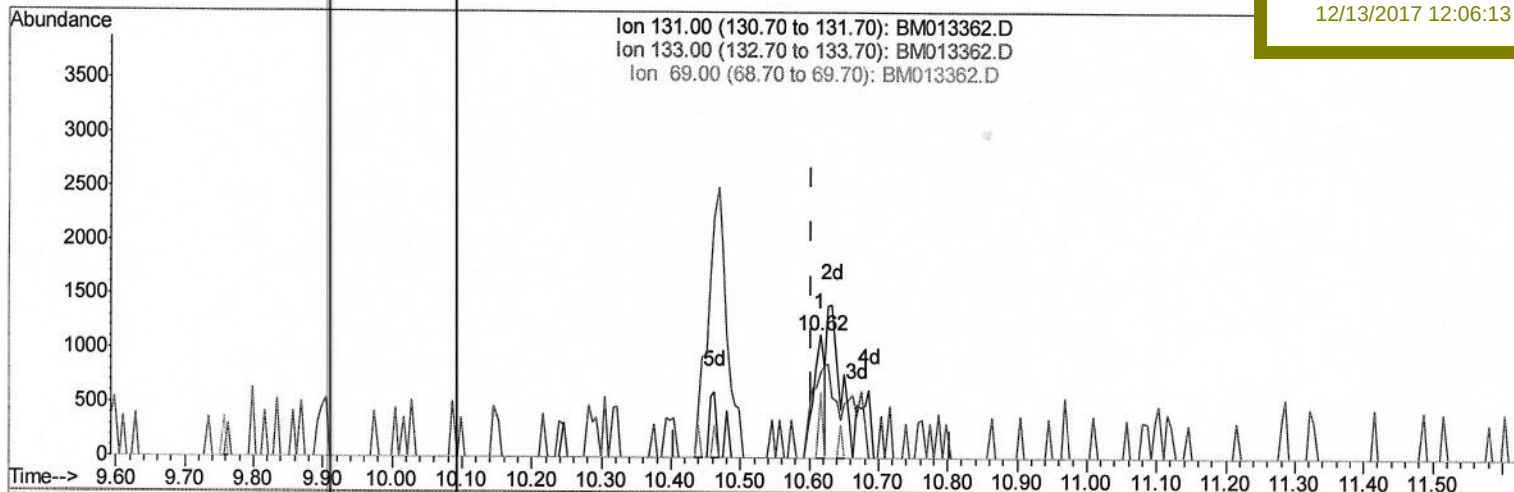
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:28:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A18DL

Manual Integrations
 APPROVED

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 12/13/2017 12:06:13 PM



TIC: BM013362.D

(29) 4-Chloroaniline-d4 (S)
 10.616min (+0.012) 0.13ng/ul
 response 1280

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	69.22#
69.00	24.30	52.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

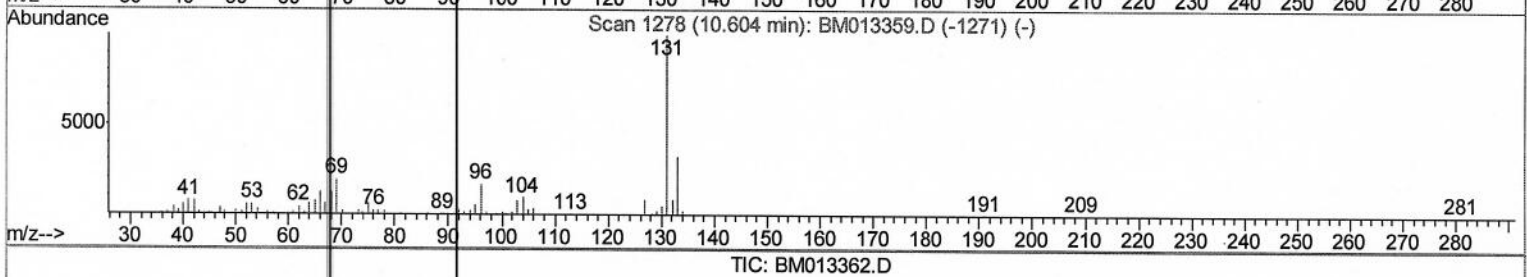
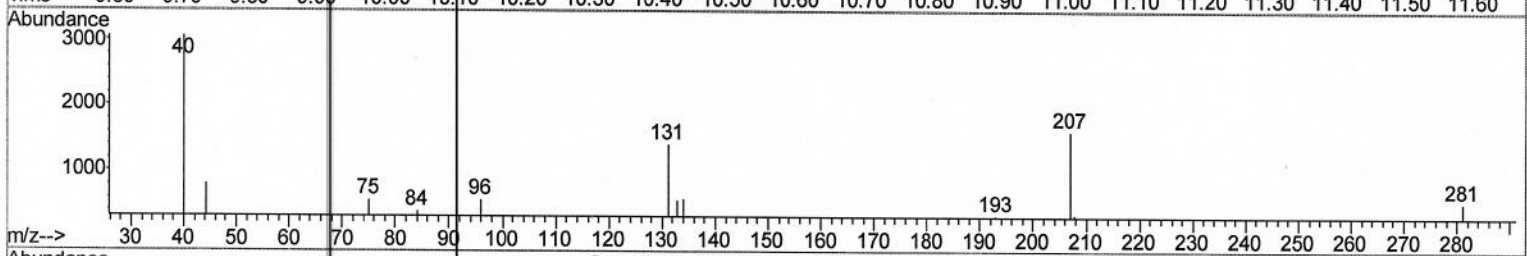
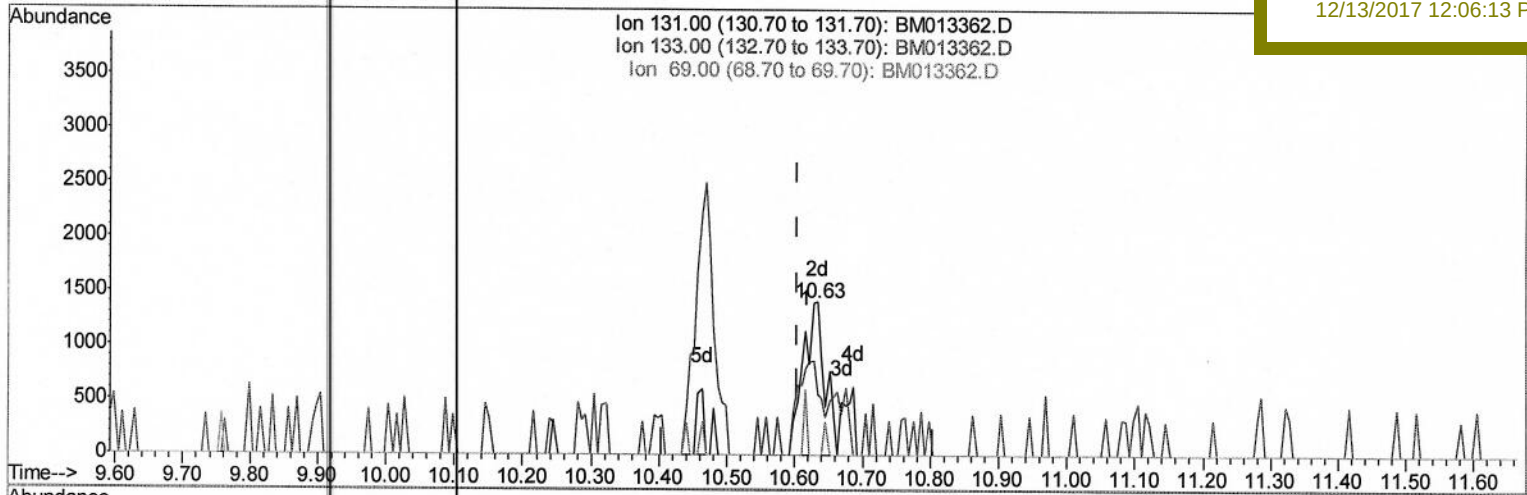
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:28:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample Id :
 F9A18DL

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.634min (+0.029) 0.32ng/ul m

response 3128

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	39.83#
69.00	24.30	0.00#
0.00	0.00	0.00

JU 12/13/17

Quantitation Report (Qedit)

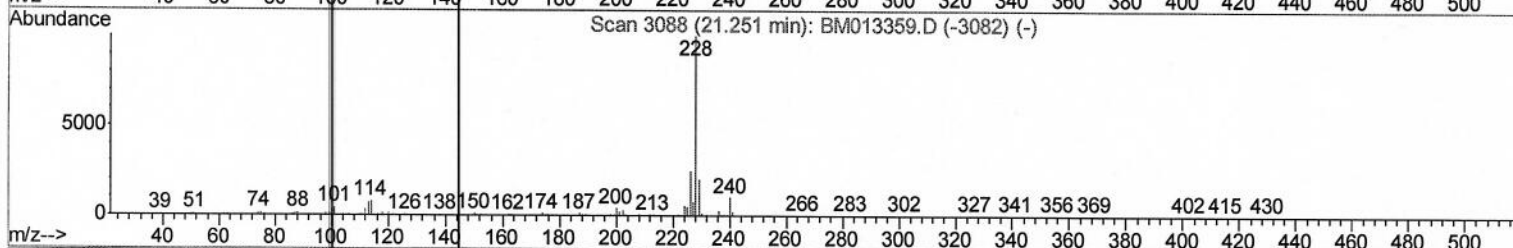
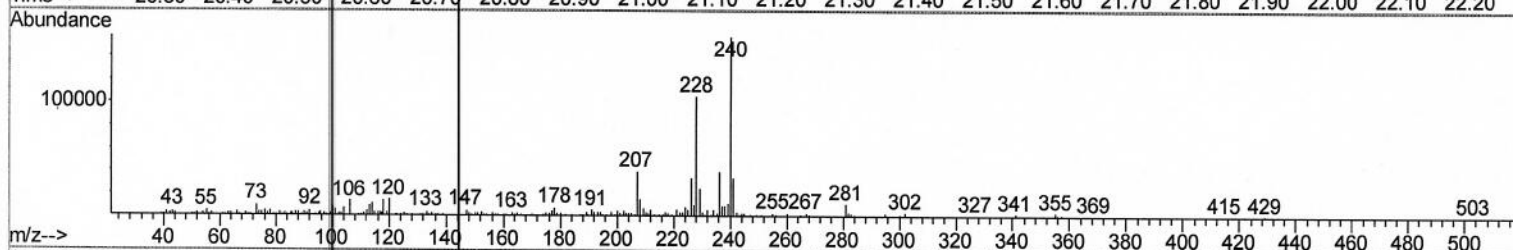
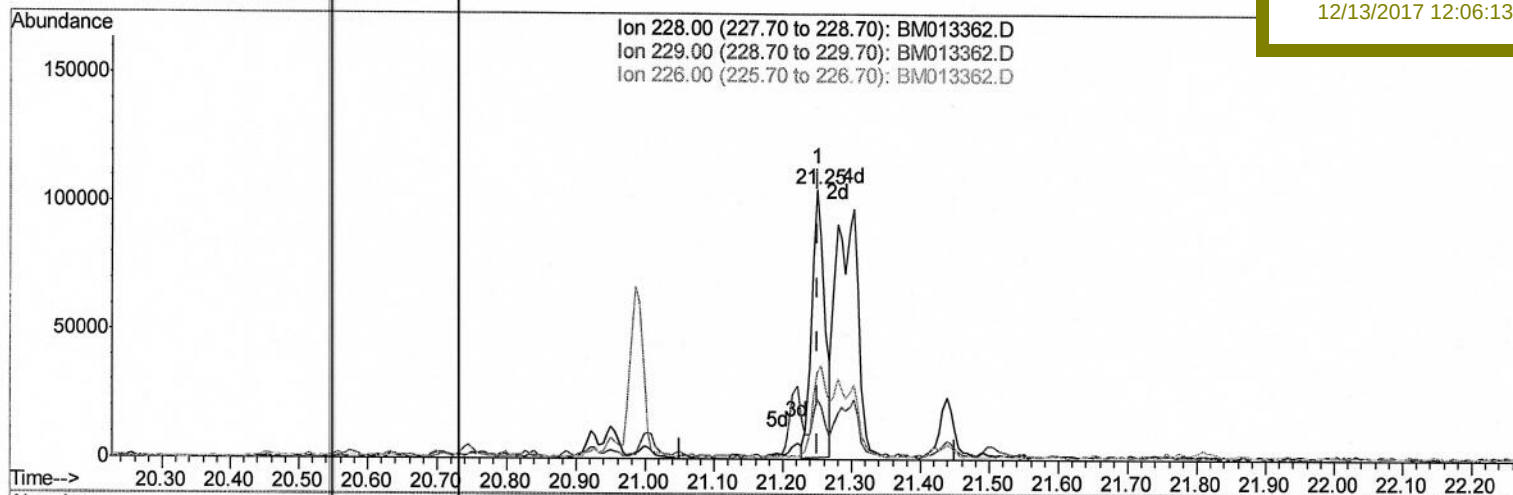
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:28:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A18DL

Manual Integrations
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TIC: BM013362.D

(80) Benzo(a)anthracene
 21.250min (-0.000) 1.92ng/ul
 response 140132

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	22.29
226.00	26.70	31.85
0.00	0.00	0.00

Quantitation Report (Qedit)

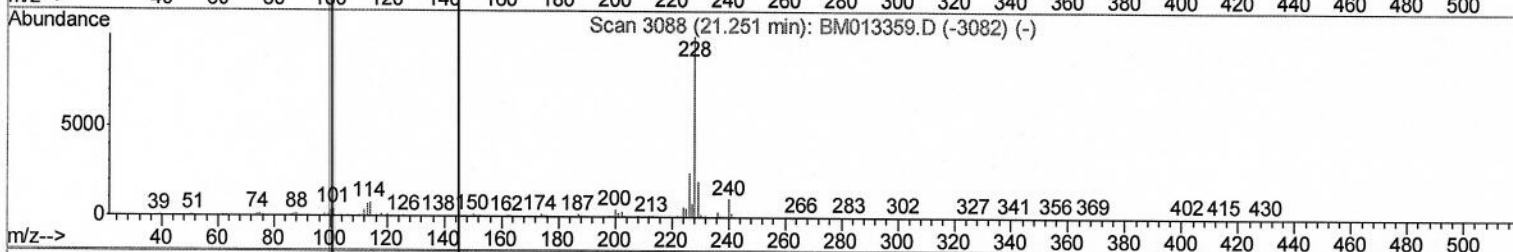
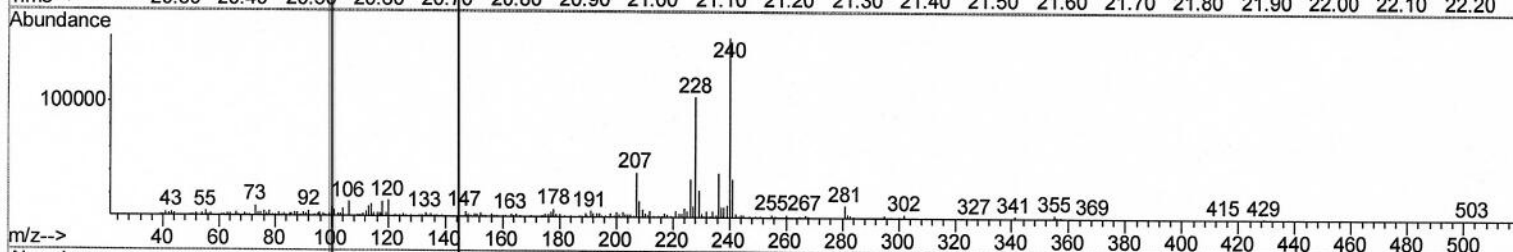
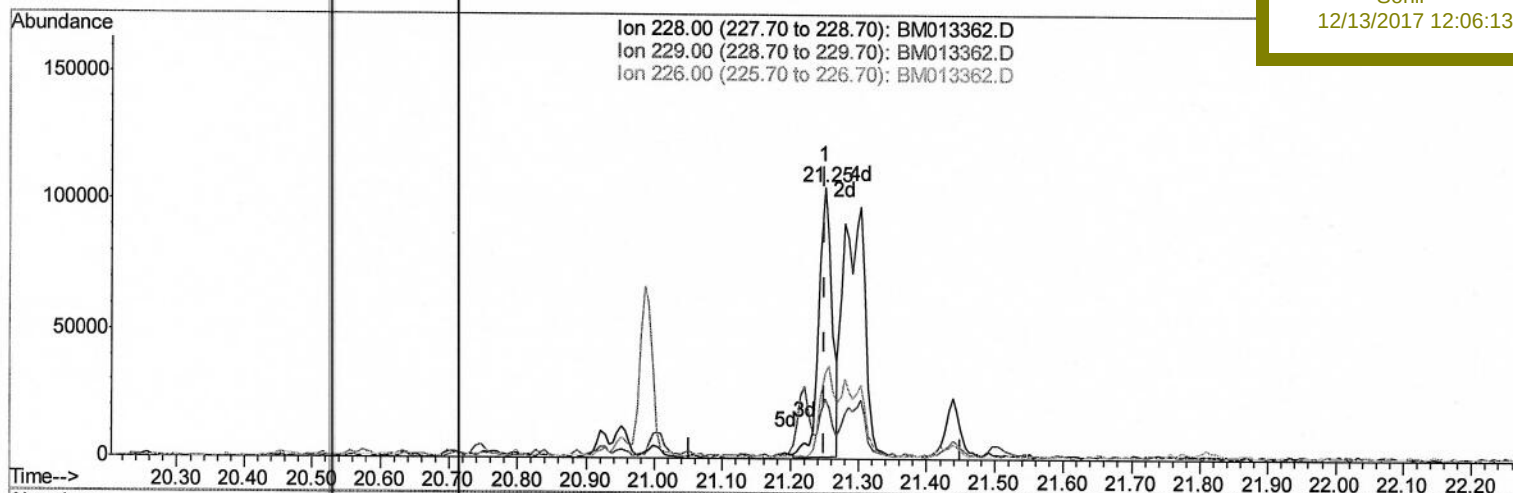
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:28:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A18DL

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:06:13 PM



TIC: BM013362.D

(80) Benzo(a)anthracene
 21.250min (-0.000) 1.99ng/ul m
 response 145624

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	22.29
226.00	26.70	31.85
0.00	0.00	0.00

JU 12/13/17

Quantitation Report (Qedit)

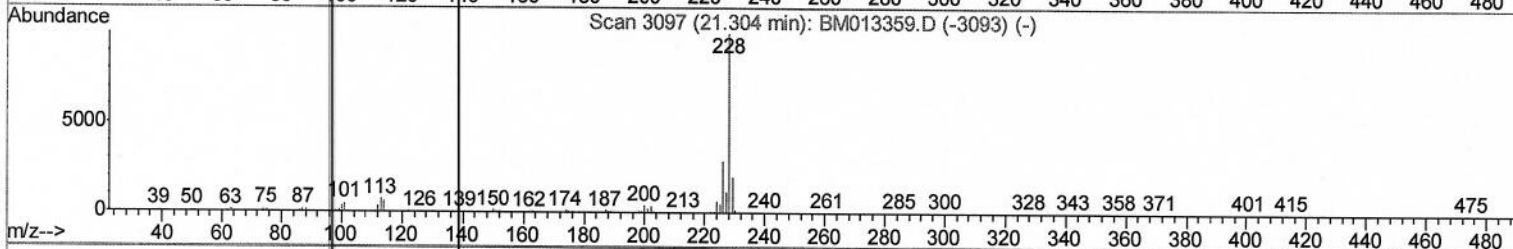
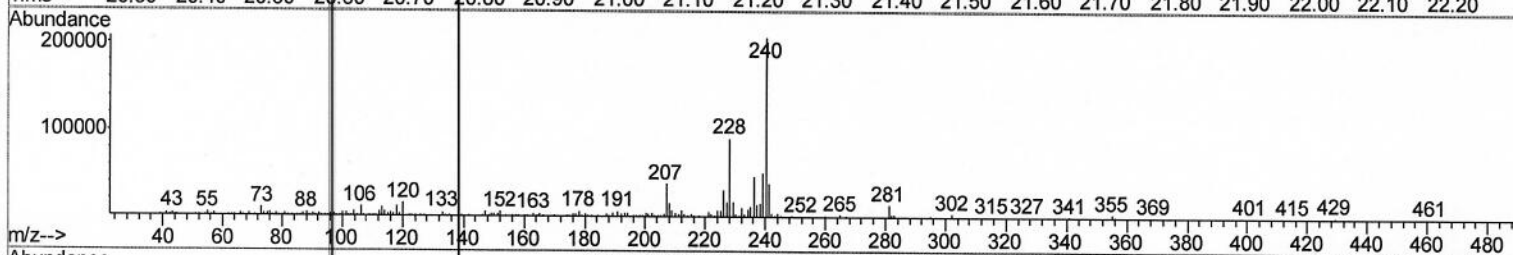
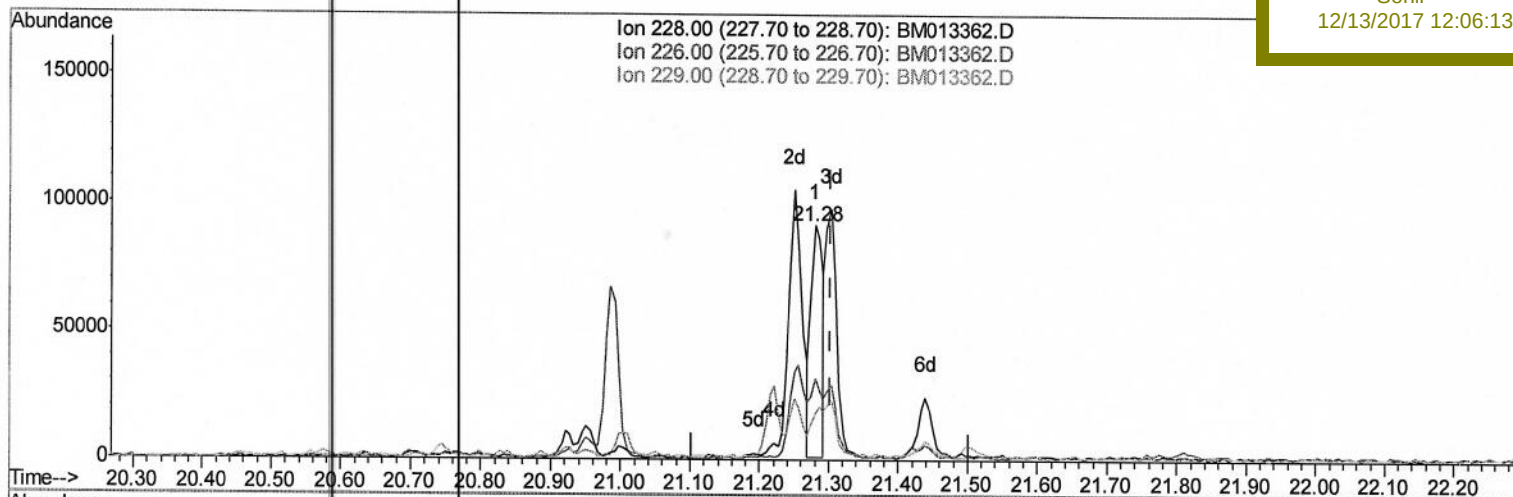
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:28:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BM013362.D

(82) Chrysene

21.280min (-0.024) 1.62ng/ul

response 109460

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	33.96
229.00	19.40	19.34
0.00	0.00	0.00

Quantitation Report (Qedit)

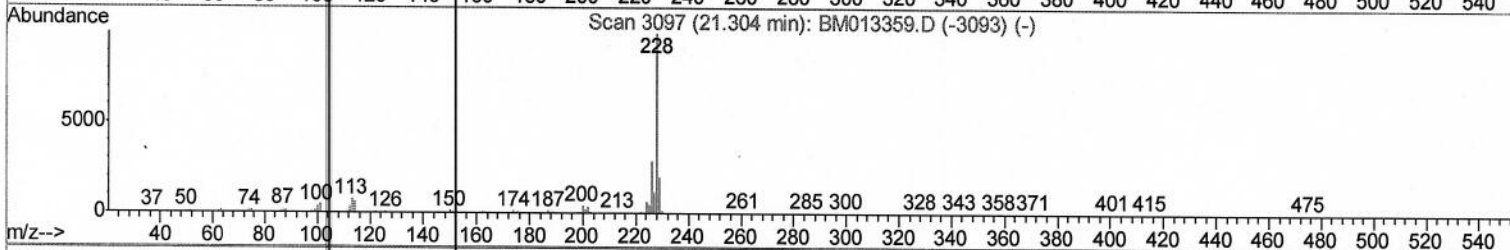
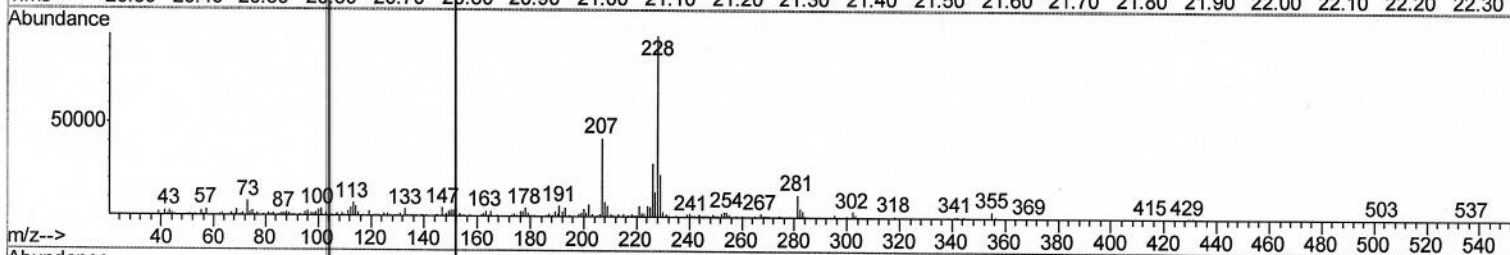
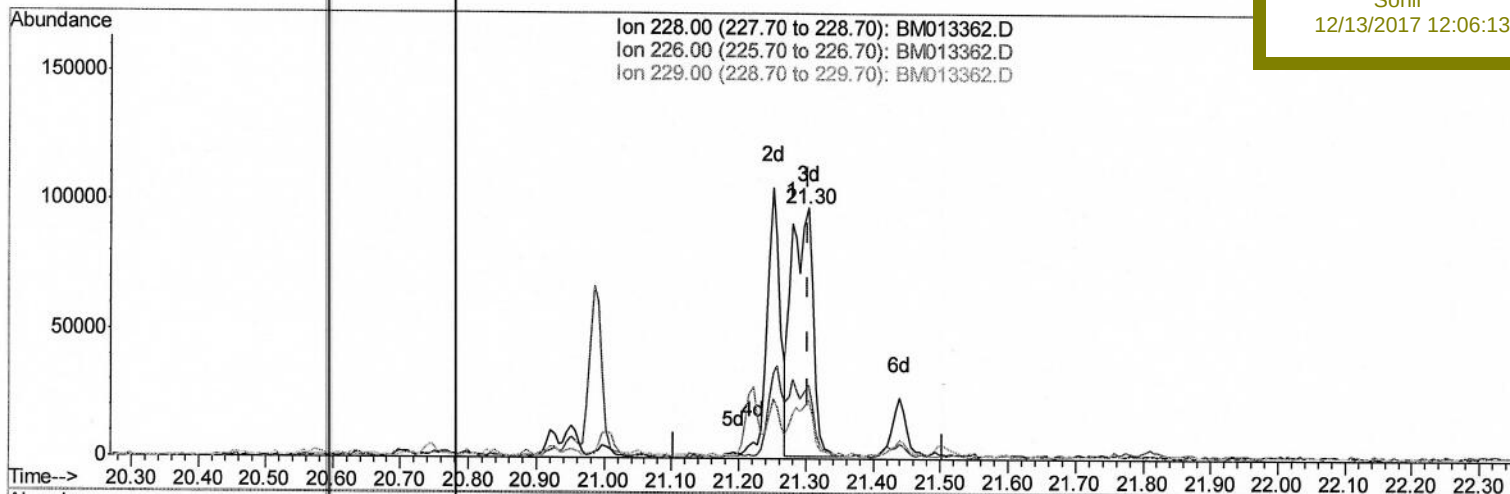
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
 Operator : SJ/JU
 Sample : I6759-10DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 13 07:28:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:06:13 PM



TIC: BM013362.D

(82) Chrysene

21.303min (-0.000) 3.14ng/ul m

response 213020

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	29.43
229.00	19.40	23.75#
0.00	0.00	0.00

SU 12/13/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013362.D
 Acq On : 13 Dec 2017 05:47
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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	7.68	152	141493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	610914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	377391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	942986	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1151402	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1033413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	296	0.10	ng/uL	-0.01
5) Phenol-d5	6.87	99	8127	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.03	67	5874	0.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	6844	0.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	7355m	0.70	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	3778	0.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	3252	0.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	7750m	0.73	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	3128m	0.32	ng/ul	0.03
43) Dimethylphthalate-d6	13.74	166	28600	0.85	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	36528	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	1512	0.26	ng/ul	0.04
57) Fluorene-d10	15.33	176	26993	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	1679	0.28	ng/ul	0.00
70) Anthracene-d10	17.17	188	46522	0.99	ng/ul	0.00
76) Pyrene-d10	19.47	212	55877	0.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	45642	0.87	ng/ul	0.00

Target Compounds

					Ovalue	
47) Acenaphthylene	14.05	152	88321	2.303	ng/ul	98
68) Pentachlorophenol	16.73	266	405294	57.323	ng/ul	98
69) Phenanthrene	17.12	178	83910	1.566	ng/ul	97
71) Anthracene	17.21	178	155593	2.841	ng/ul	96
74) Fluoranthene	19.13	202	373451	5.688	ng/ul#	94
77) Pyrene	19.50	202	476308	6.809	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	145624m	1.993	ng/ul	
82) Chrysene	21.30	228	213020m	3.143	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	692029	9.934	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	196590	2.999	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	296596	4.740	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.72	276	267059	4.301	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	73191	1.384	ng/ul#	92
91) Benzo(a,h,i)perylene	26.41	276	243077	4.963	ng/ul	99

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