

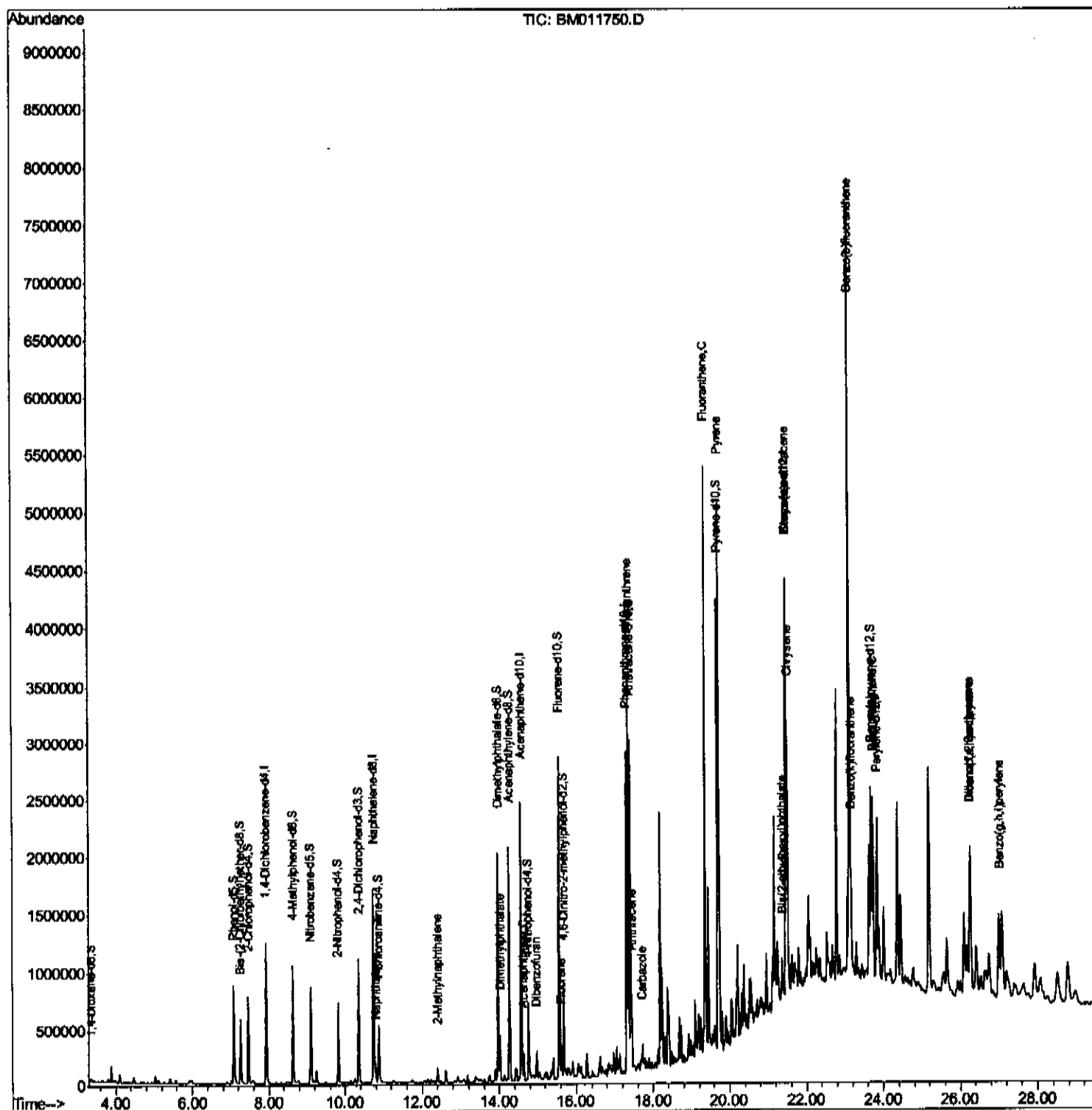
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011750.D
Acq On : 28 Sep 2017 07:23
Operator : SJ/JU
Sample : I5377-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3J3

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:15 PM

Quant Time: Sep 28 08:04:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



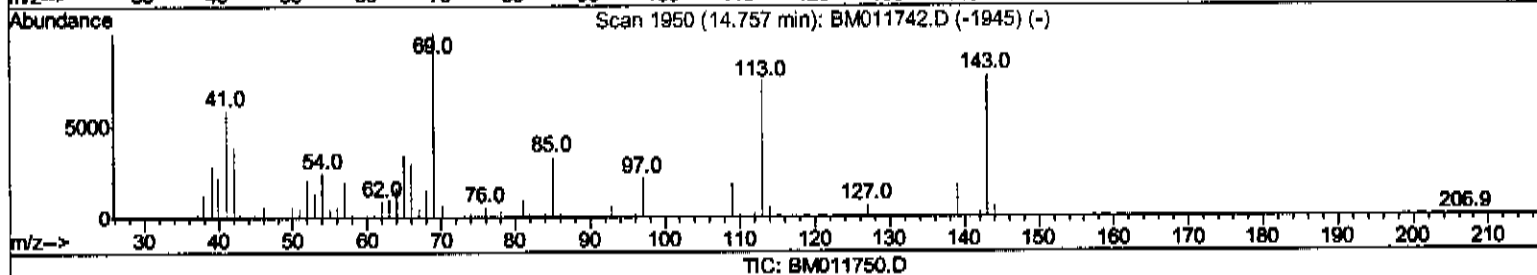
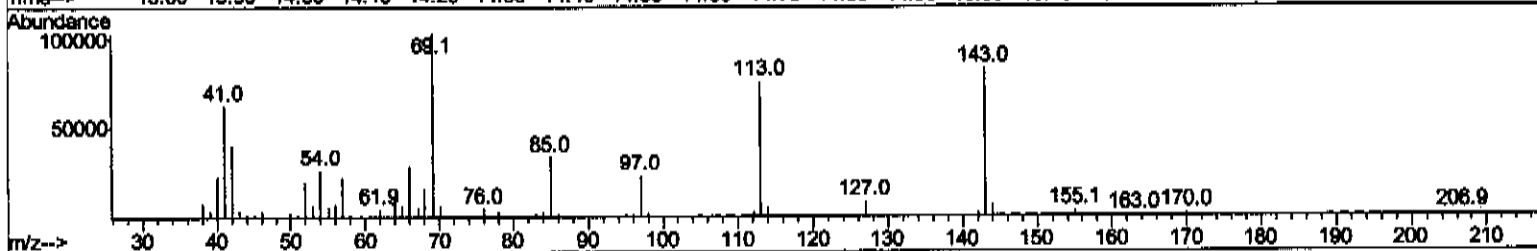
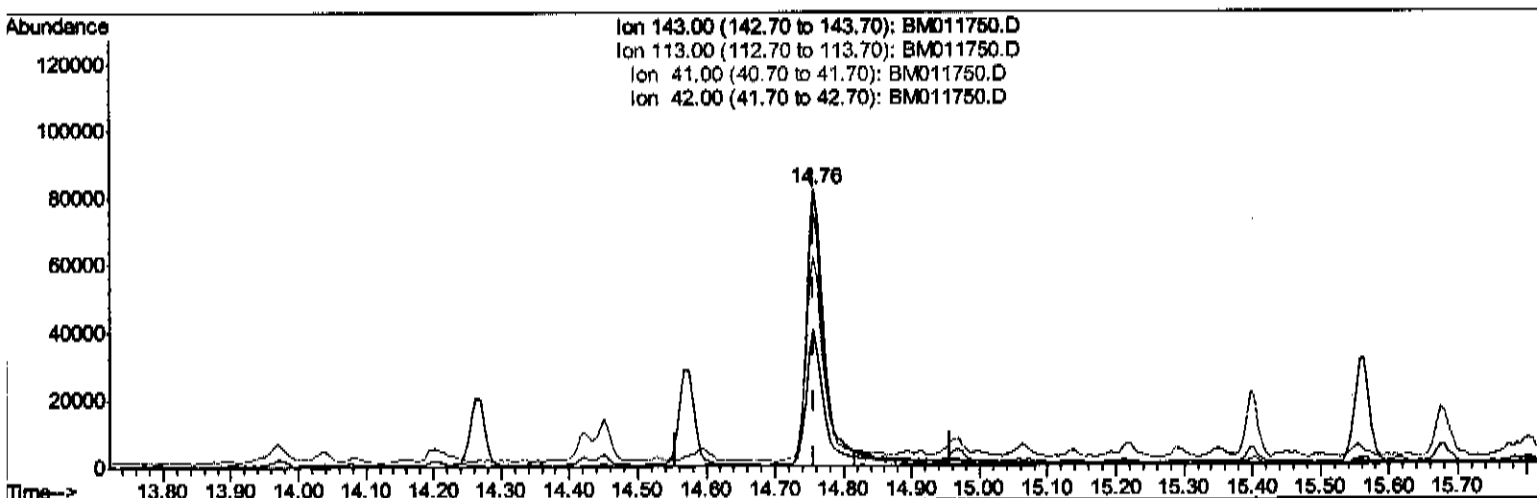
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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 13.27ng/ul

response 142048

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	91.49#
41.00	34.80	75.59#
42.00	20.50	48.93#

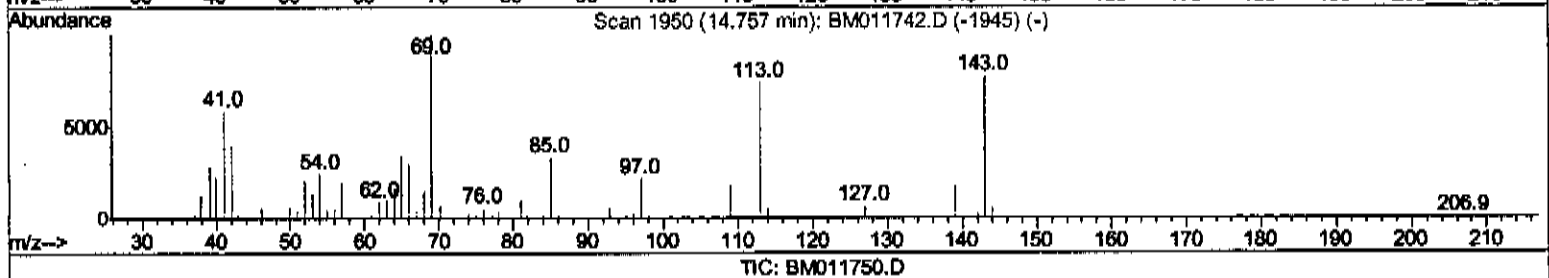
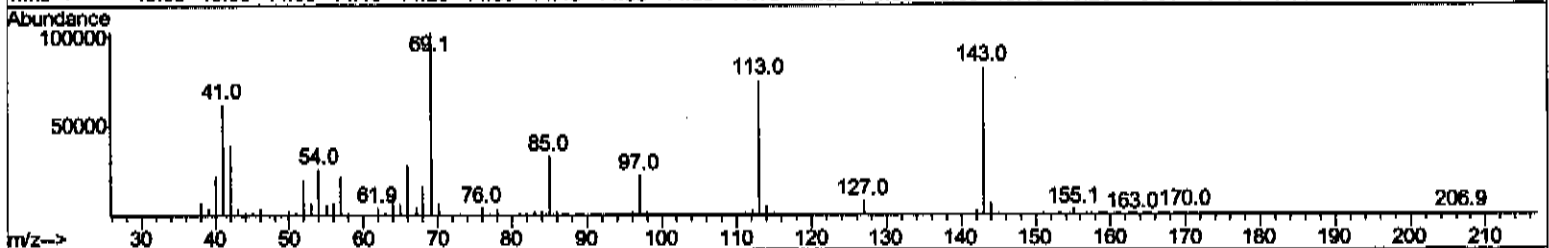
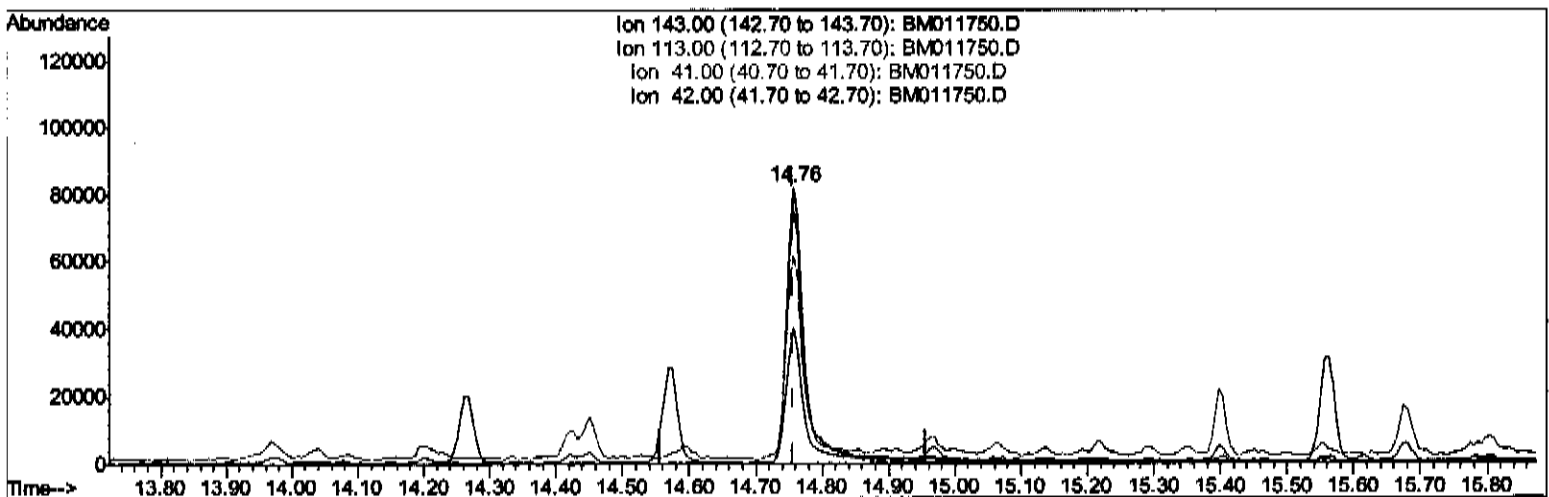
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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 14.12ng/ul m gu 10/6/17

response 151104

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	91.49#
41.00	34.80	75.59#
42.00	20.50	48.93#

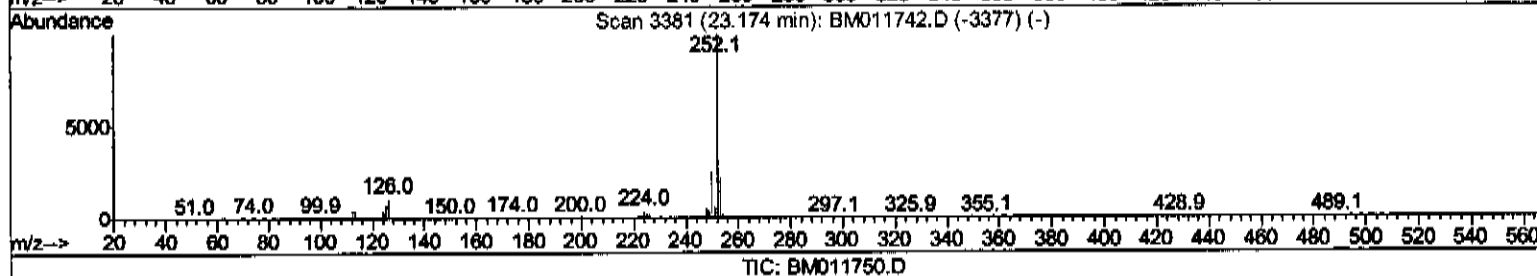
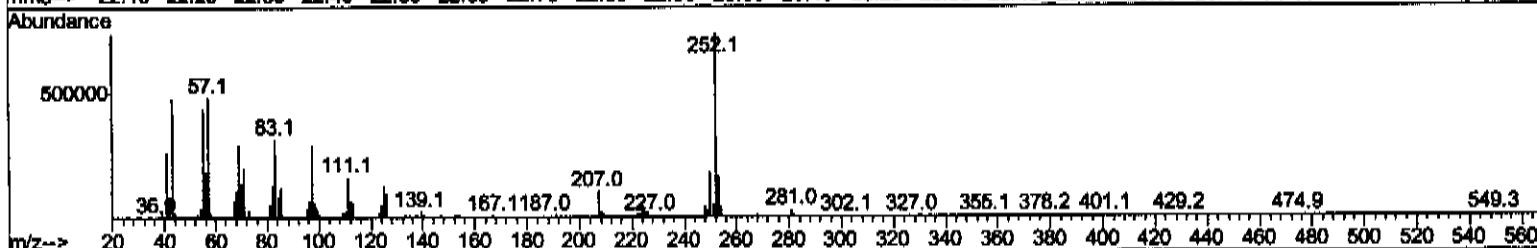
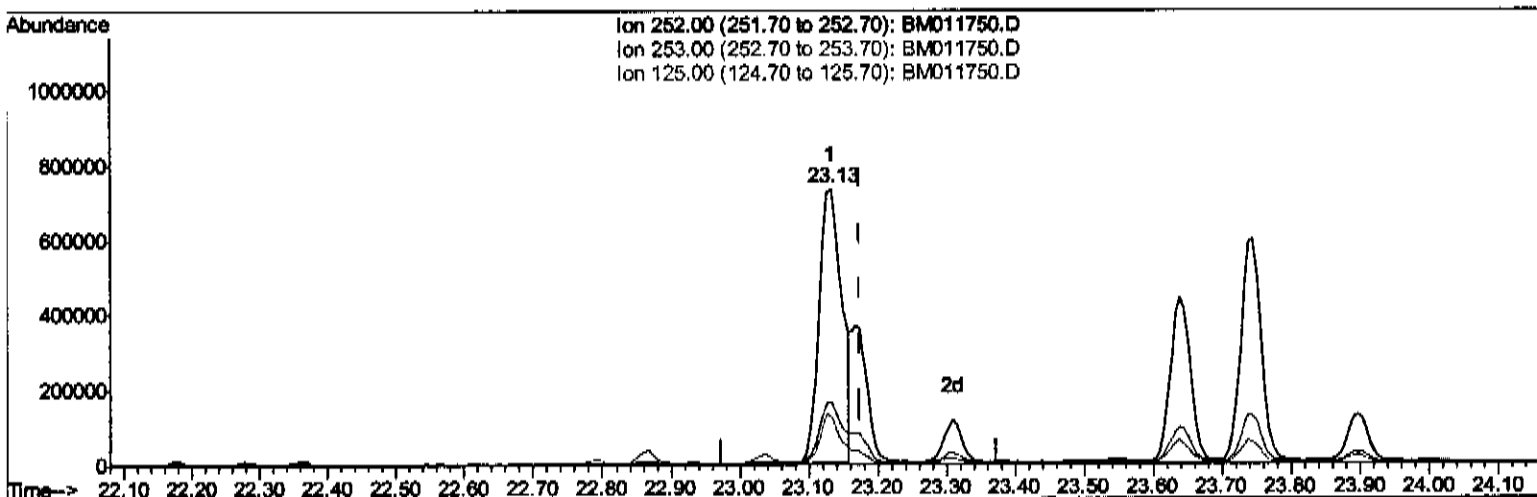
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:15 PM

Quant Time: Sep 28 08:02:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.133min (-0.041) 24.87ng/ul

response 1653095

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.67
125.00	4.30	17.52#
0.00	0.00	0.00

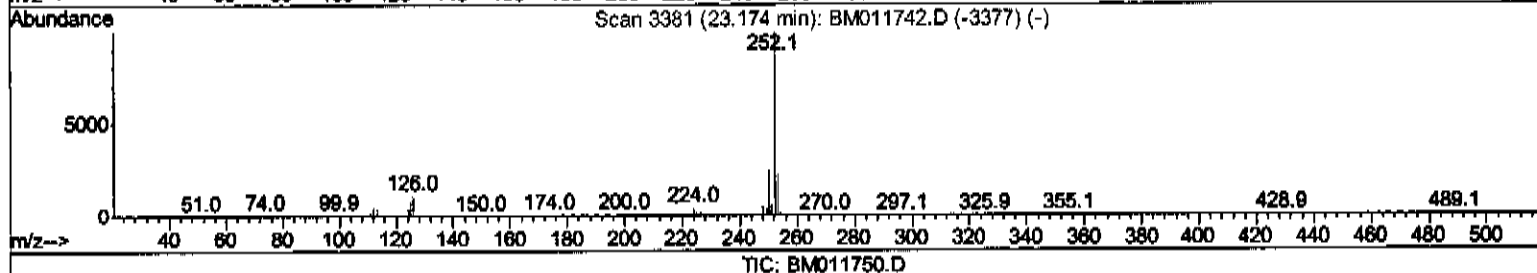
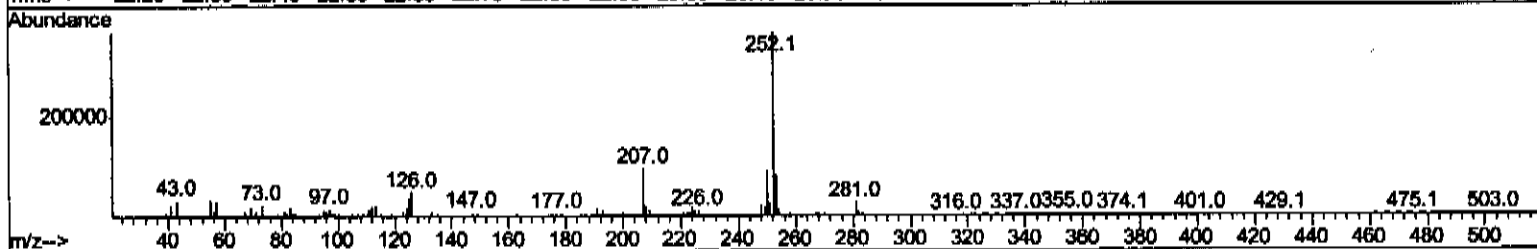
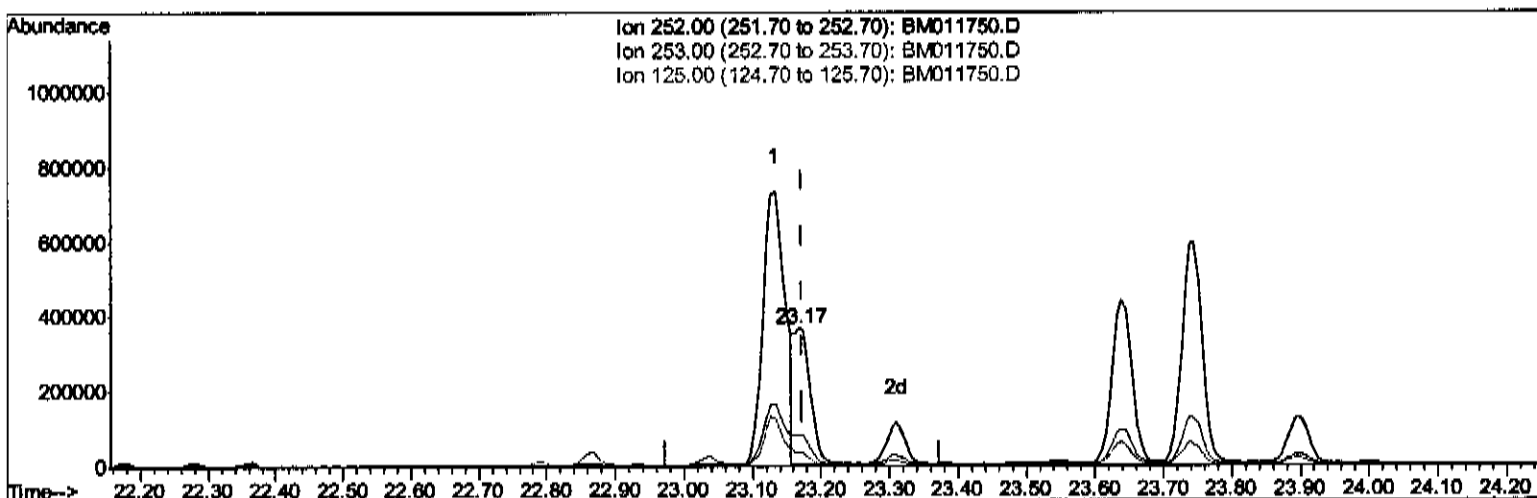
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Sample : I5377-23
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(86) Benzo(k)fluoranthene

23.168min (-0.006) 9.30ng/ul *9/28/17*

response 617912

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.63
125.00	4.30	10.33#
0.00	0.00	0.00

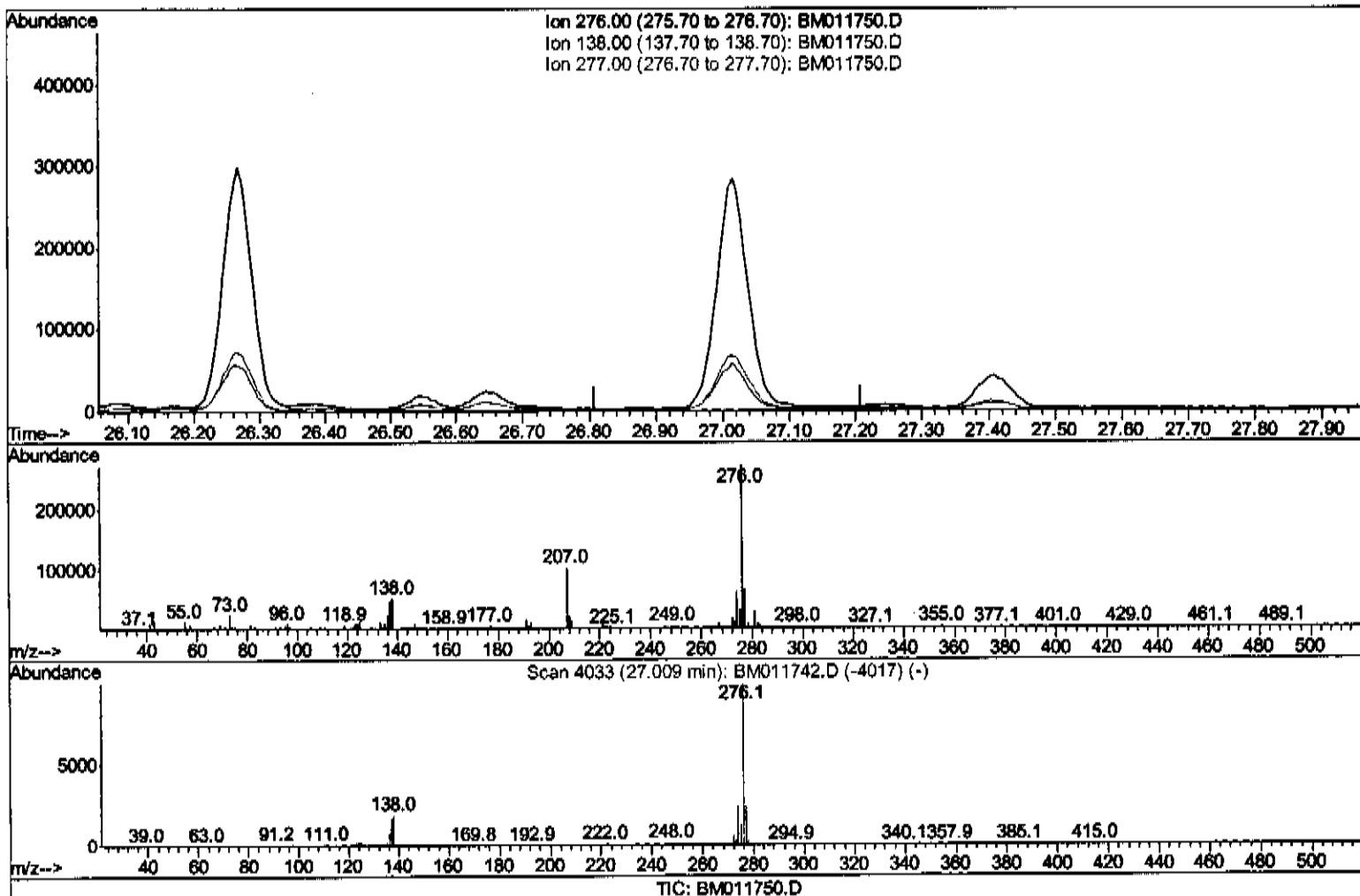
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Acq On : 28 Sep 2017 07:23
Operator : SJ/JU
Sample : I5377-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3J3

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:15 PM

Quant Time: Sep 28 08:02:15 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



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

27.009min (-27.009) 0.00ng/ul

response 0

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

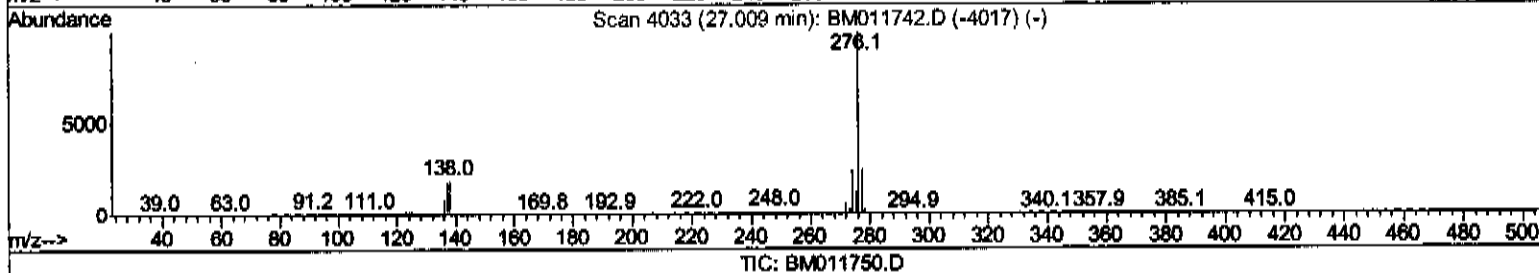
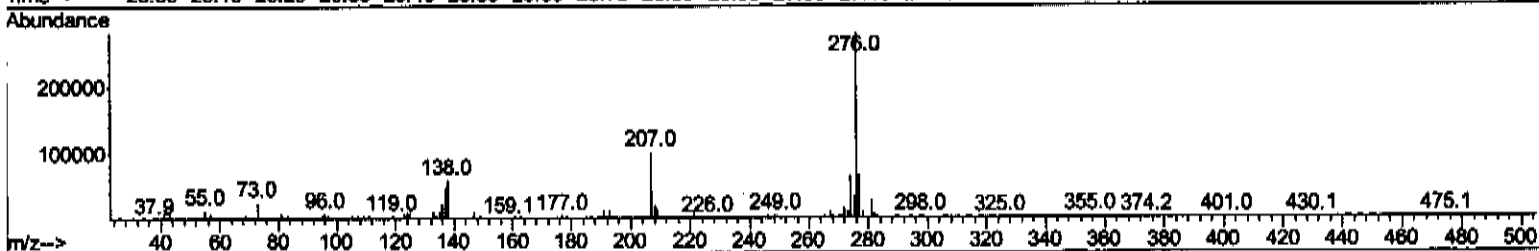
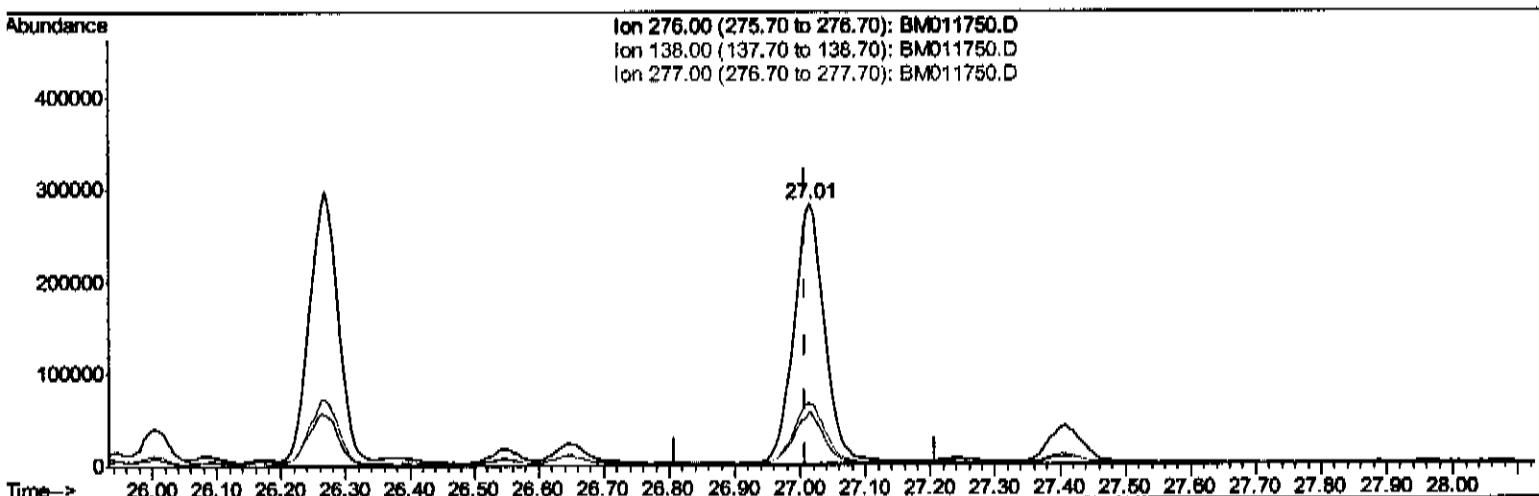
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Data File : BM011750.D
Acq On : 28 Sep 2017 07:23
Operator : SJ/JU
Sample : I5377-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3J3

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:15 PM

Quant Time: Sep 28 08:02:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



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

27.015min (+0.006) 17.05ng/ul m *ju 10/9/17*

response 927130

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	20.64#
277.00	23.30	23.31
0.00	0.00	0.00

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 Operator : SJ/JU
 Sample : I5377-23
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	295409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1308127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	730060	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1561918	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1291751	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1104424	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	9723	1.47	ng/uL	0.00
5) Phenol-d5	7.09	99	394089	13.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	277486	13.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	298350	13.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	350303	15.39	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	159729	15.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	178884	16.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	351734	16.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	263479	11.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1179455	18.84	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1399503	18.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	151104m	14.12	ng/ul	0.00
57) Fluorene-d10	15.56	176	1013566	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	135293	12.79	ng/ul	0.00
70) Anthracene-d10	17.41	188	1534333	19.30	ng/ul	0.00
76) Pyrene-d10	19.70	212	1624680	26.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1035615	19.58	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.79	128	131708	1.926	ng/ul 99
34) 2-Methylnaphthalene	12.40	142	60738	1.253	ng/ul 94
44) Dimethylphthalate	14.02	163	236685	3.952	ng/ul 99
49) Acenaphthene	14.63	153	97015	1.875	ng/ul 98
53) Dibenzofuran	14.97	168	91977	1.295	ng/ul 90
58) Fluorene	15.62	166	104562	1.738	ng/ul# 95
69) Phenanthrene	17.36	178	1924148	22.011	ng/ul 98
71) Anthracene	17.44	178	378893	4.207	ng/ul 97
72) Carbazole	17.72	167	138037	1.749	ng/ul 98
74) Fluoranthene	19.37	202	2907830	27.244	ng/ul# 91
77) Pyrene	19.73	202	2758844	35.839	ng/ul# 88
80) Benzo(a)anthracene	21.47	228	1310440	18.133	ng/ul 95
81) Bis(2-ethylhexyl)phthalate	21.37	149	57509	1.197	ng/ul# 97
82) Chrysene	21.52	228	1331033	19.528	ng/ul 96
85) Benzo(b)fluoranthene	23.13	252	1653095	25.369	ng/ul# 93
86) Benzo(k)fluoranthene	23.17	252	617912m	9.295	ng/ul 93
88) Benzo(a)pyrene	23.74	252	1195080	18.989	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	26.27	276	892024	13.613	ng/ul# 93
90) Dibenzo(a,h)anthracene	26.27	278	265417	4.836	ng/ul# 85
91) Benzo(g,h,i)perylene	27.01	276	927130m	17.046	ng/ul 95

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