

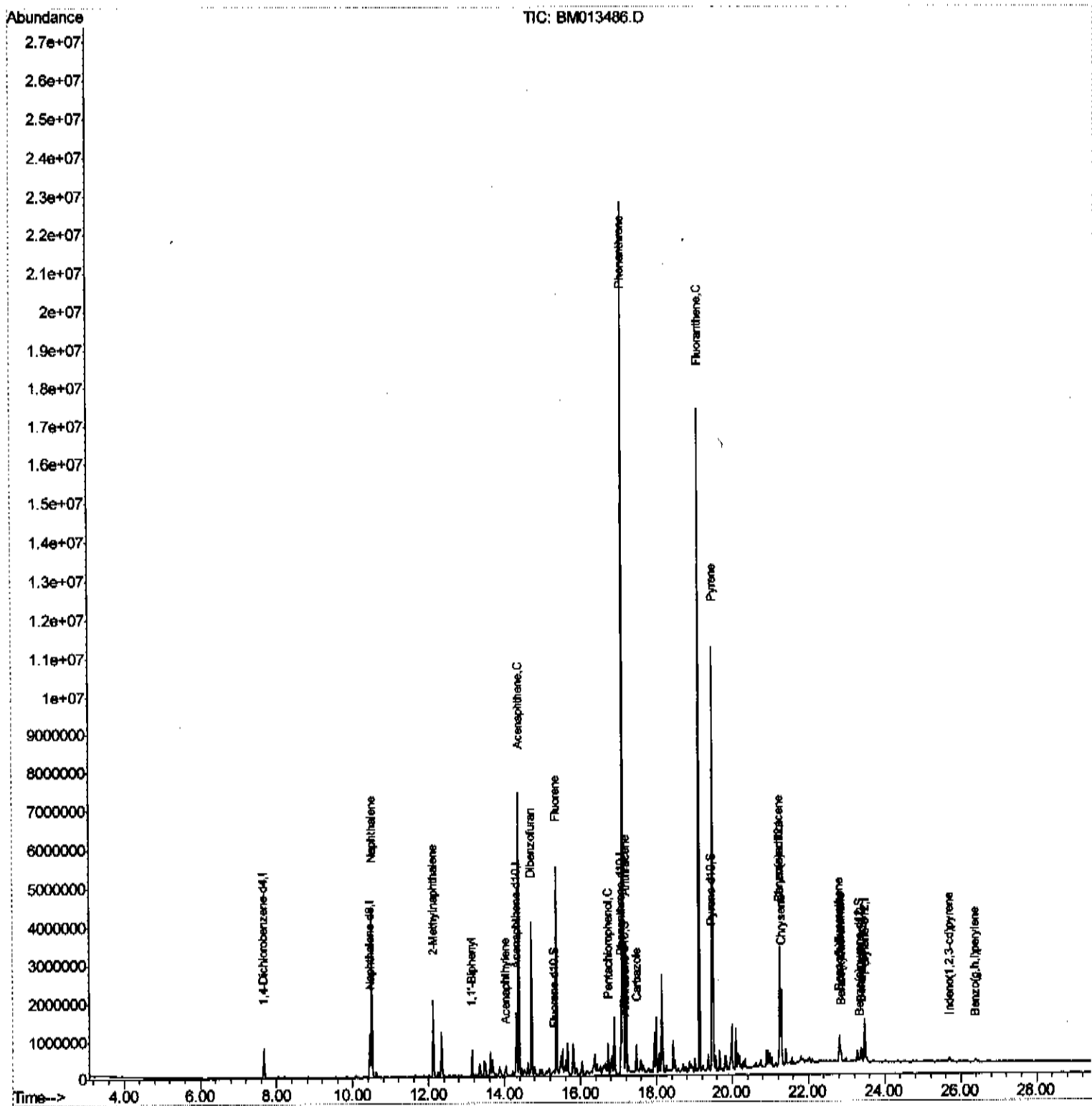
Data File : BM013486.D
Acq On : 16 Dec 2017 20:44
Operator : SJ/JU
Sample : I6776-06DL 30X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Manual Integrations
APPROVED

Sohil
12/18/2017 2:11:04 PM

Quant Time: Dec 18 03:54:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

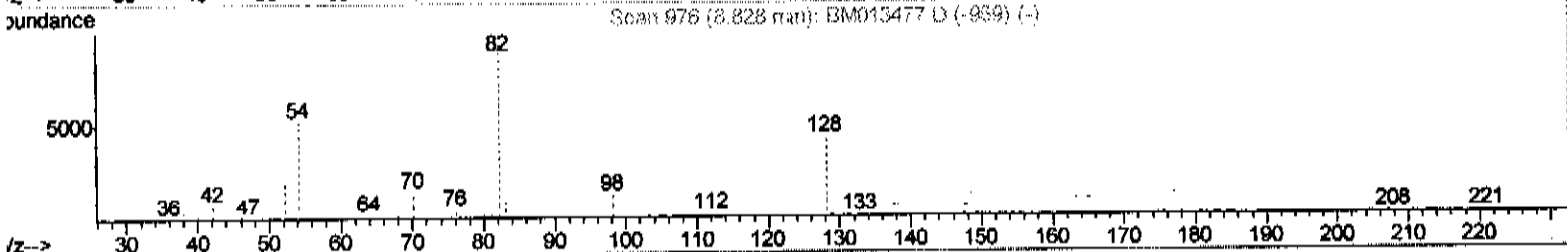
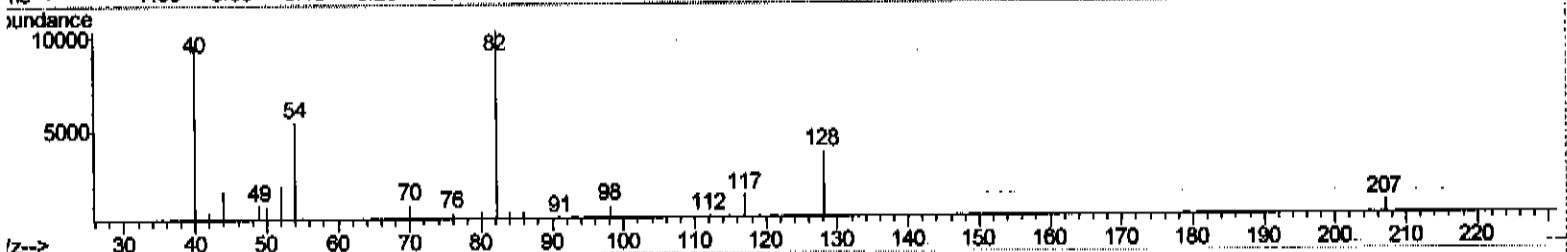
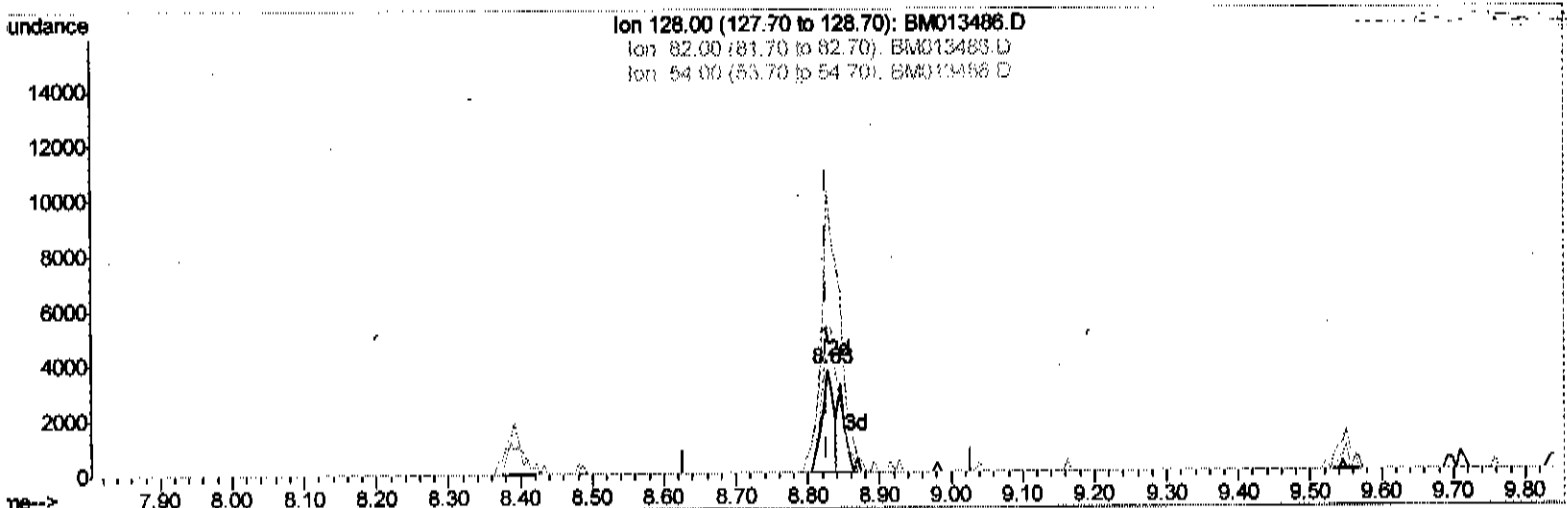


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TIC: BM013486.D

(19) Nitrobenzene-d5 (S)

8.828min (-0.000) 0.61ng/ul

response 4546

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	274.07
54.00	142.70	144.64
0.00	0.00	0.00

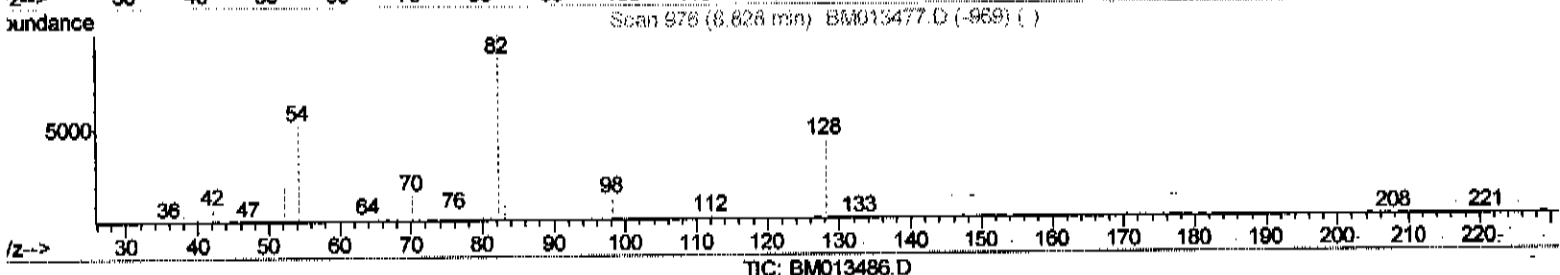
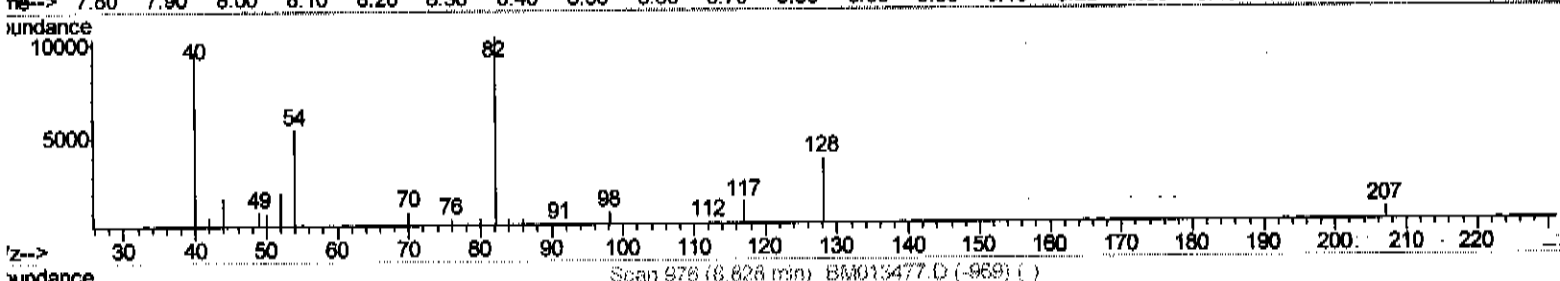
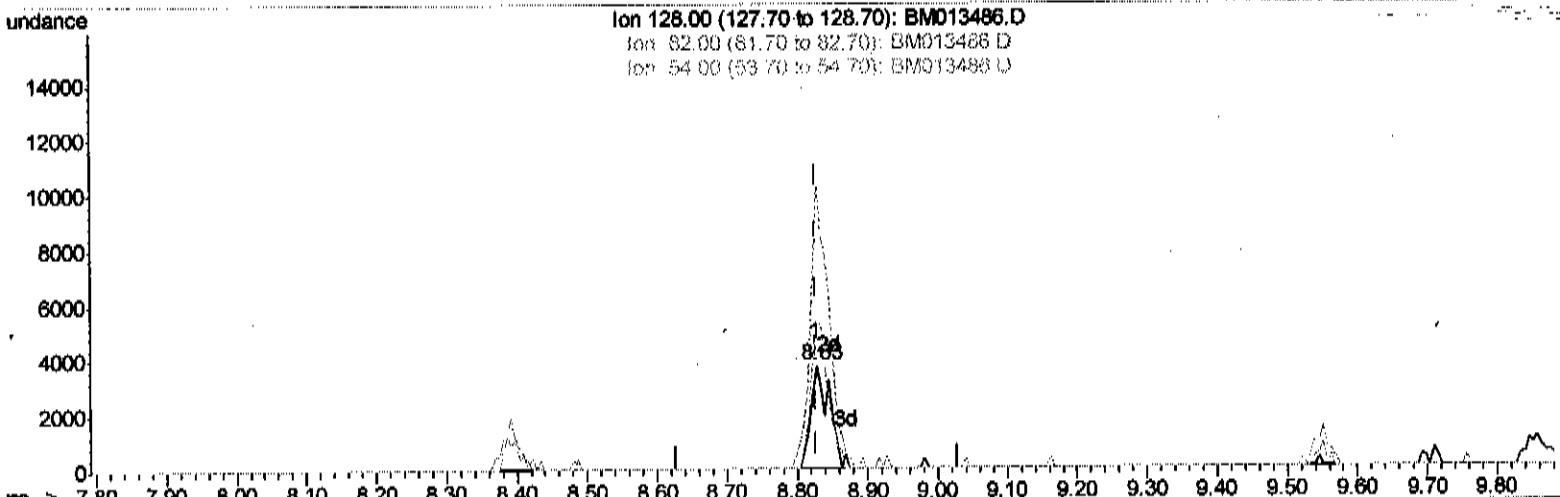
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(19) Nitrobenzene-d5 (S)

8.828min (-0.000) 0.90ng/ul m

response 6709

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	274.07
54.00	142.70	144.64
0.00	0.00	0.00

SJ 12/18/17

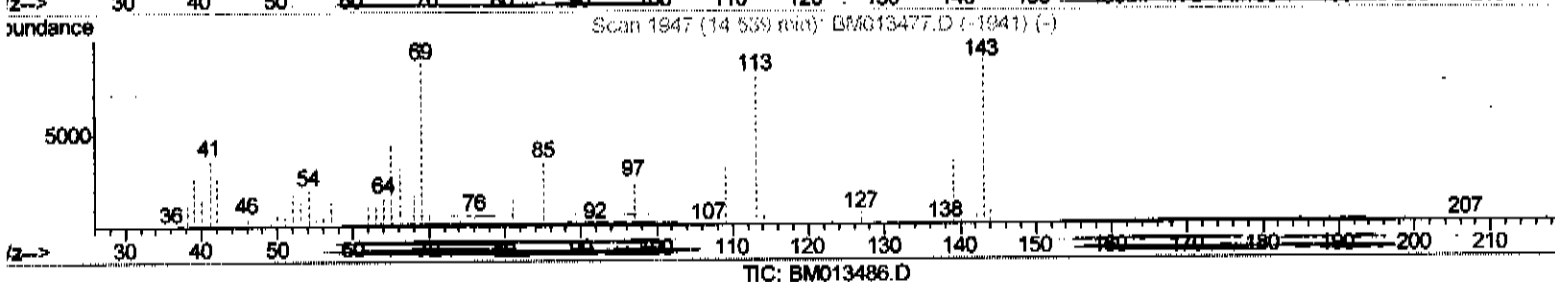
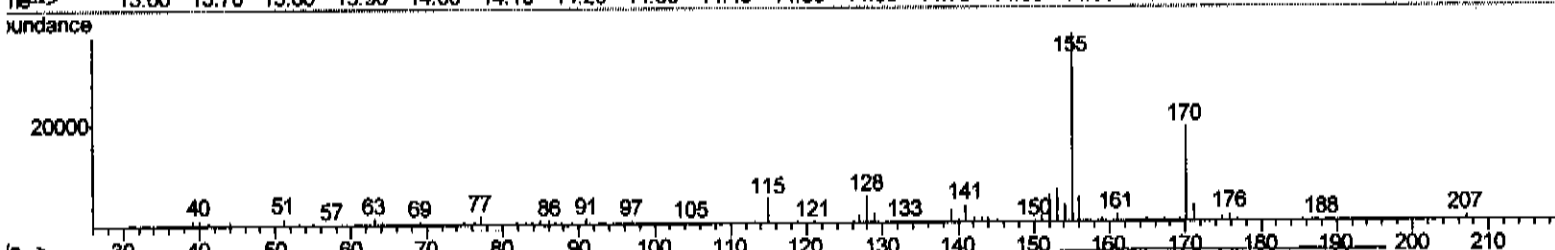
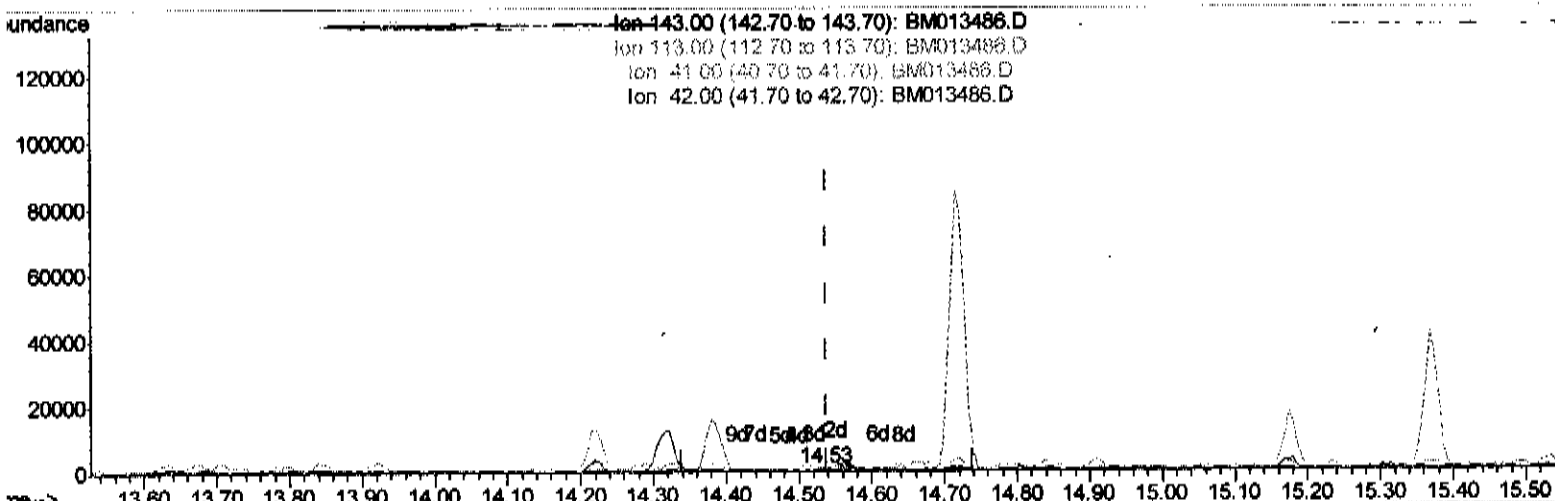
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(51) 4-Nitrophenol-d4 (S)

14.533min (-0.006) 0.02ng/ul

response 140

Ion	Exp%	Act%
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143.00	100	100
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113.00	114.60	46.83%
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41.00	34.80	96.07%
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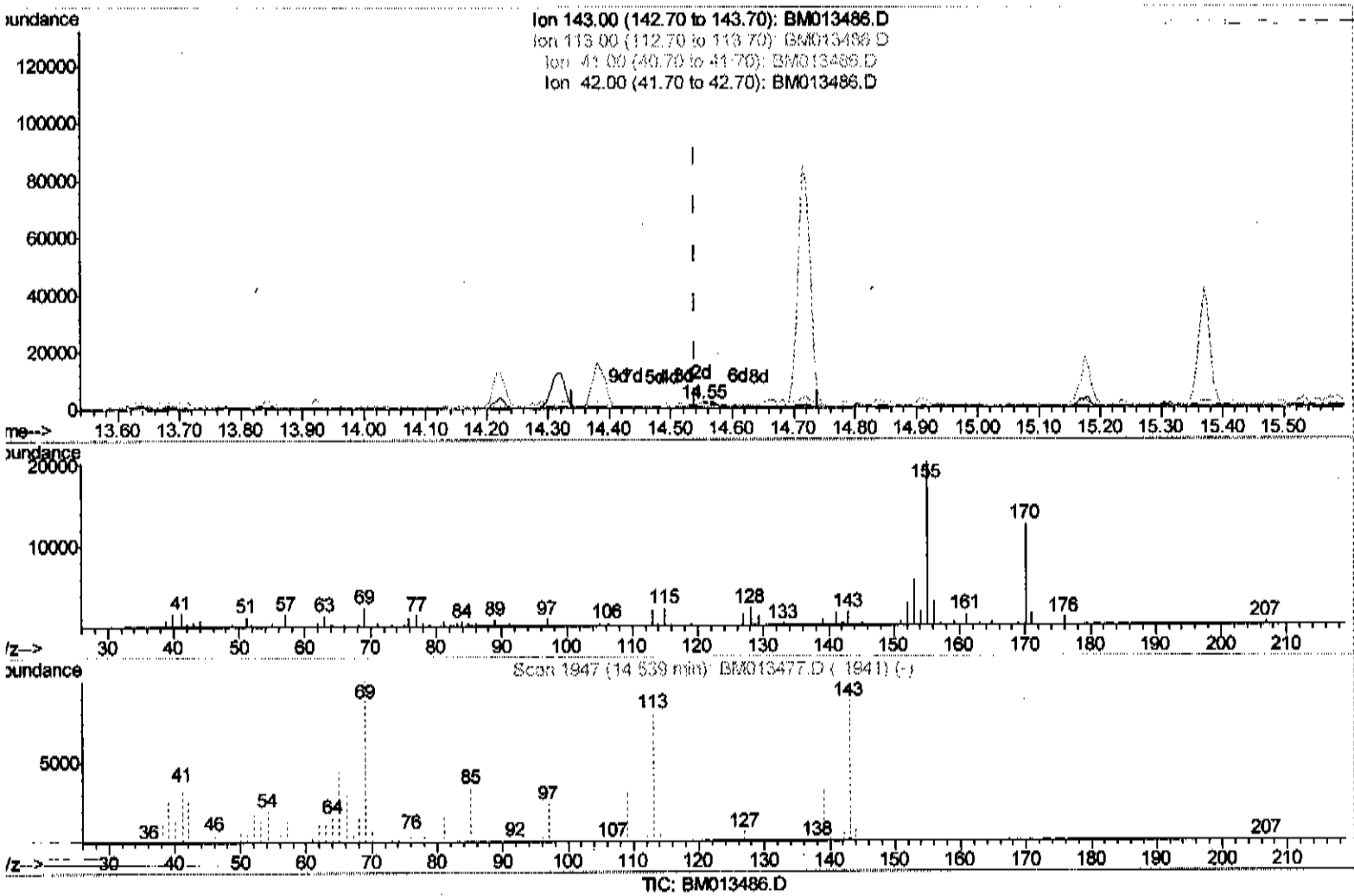
42.00	20.50	29.53%
-------	-------	--------

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(51) 4-Nitrophenol-d4 (S)

14.551min (+0.012) 0.57ng/ul m

SJ 12/18/17

response 4797

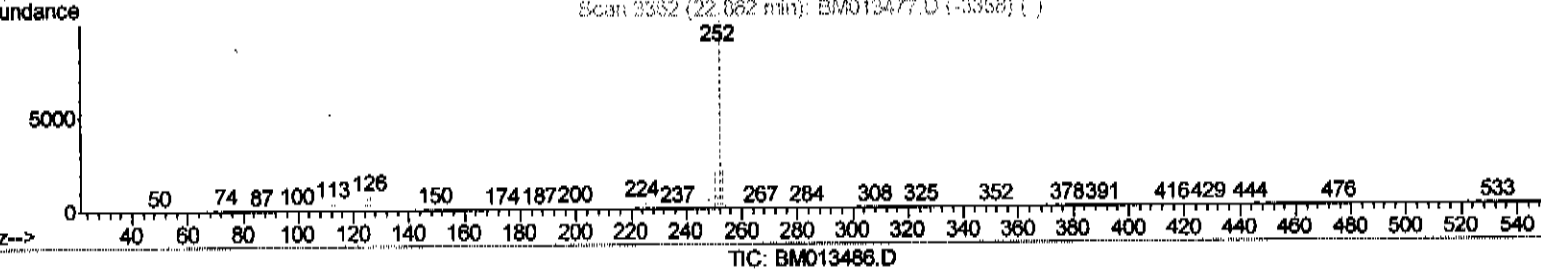
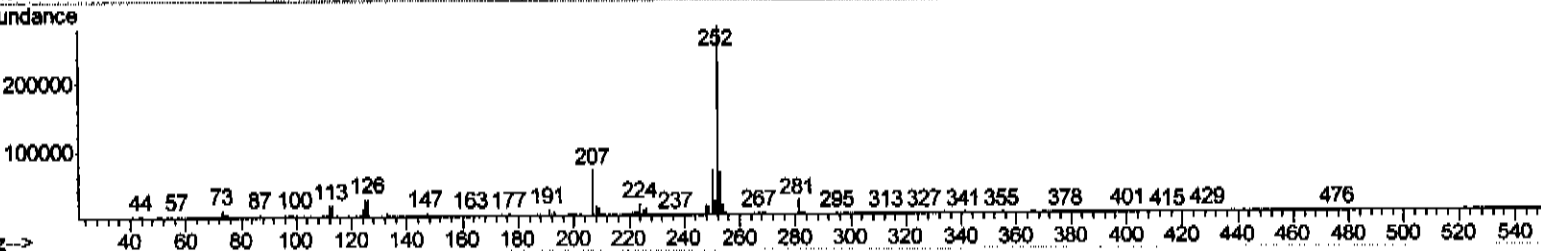
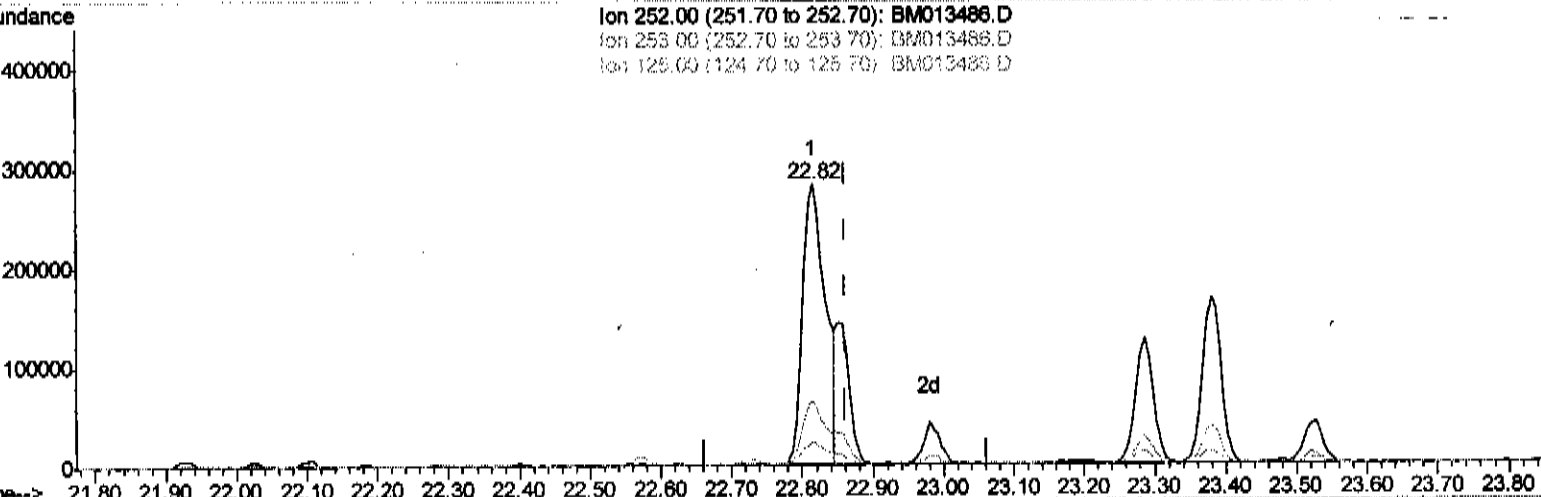
Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.64
41.00	34.80	99.90#
42.00	20.50	36.28#

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

22.815min (-0.047) 12.03ng/ul

response 634387

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.77
125.00	4.30	8.48#
0.00	0.00	0.00

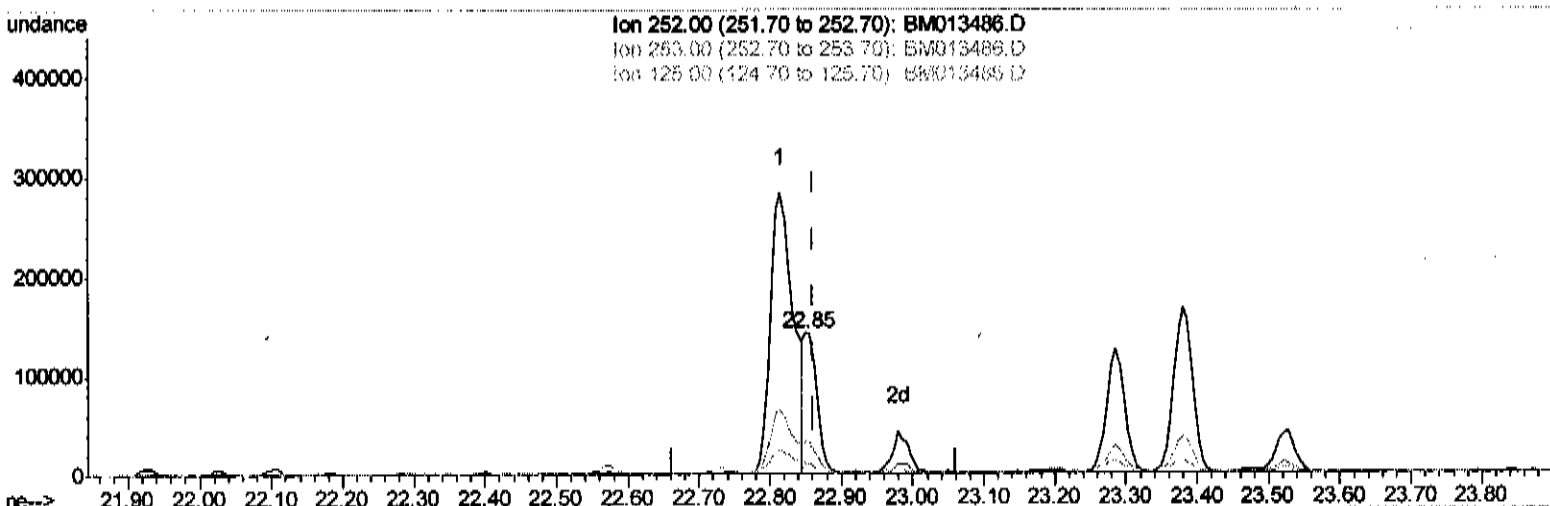
Data File : BM013486.D
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.850min (-0.012) 3.43ng/ul m

response 180974

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.18
125.00	4.30	7.20#
0.00	0.00	0.00

Data File : BM013486.D

Acq On : 16 Dec 2017 20:44

Operator : SJ/JU

Sample : I6776-06DL 30X

Misc :

ALS Vial : 43 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

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Manual Integrations
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Quant Title : SVOA CALIBRATION

Last Update : Mon Dec 18 03:13:05 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	207936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	937668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	541585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1186306	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	980433	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	831038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.86	99	15667	0.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	9423	0.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	12504	0.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	14117	0.92	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	6709m	0.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	7141	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	14098	0.86	ng/ul	0.02
29) 4-Chloroaniline-d4	10.61	131	14042	0.93	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	48036	1.00	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	58729	0.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	4797m	0.57	ng/ul	0.01
57) Fluorene-d10	15.31	176	43811	1.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	5090	0.68	ng/ul	0.02
70) Anthracene-d10	17.17	188	65941	1.11	ng/ul	0.00
76) Pyrene-d10	19.46	212	65578	1.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	44188	1.04	ng/ul	0.00

Target Compounds					Qvalue	
28) Naphthalene	10.50	128	3484326	72.23	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	940461	25.93	ng/ul	95
40) 1,1'-Biphenyl	13.15	154	324989	7.10	ng/ul	96
47) Acenaphthylene	14.04	152	88725	1.61	ng/ul#	95
49) Acenaphthene	14.39	153	2983000	79.56	ng/ul	98
53) Dibenzofuran	14.72	168	2326953	42.04	ng/ul	99
58) Fluorene	15.37	166	2352882	51.39	ng/ul	97
68) Pentachlorophenol	16.73	266	14466	1.63	ng/ul#	78
69) Phenanthrene	17.12	178	13290329	197.20	ng/ul	94
71) Anthracene	17.20	178	2104930	30.55	ng/ul	99
72) Carbazole	17.47	167	440087	7.43	ng/ul	99
74) Fluoranthene	19.14	202	10452153	126.55	ng/ul#	90
77) Pyrene	19.50	202	6834993	114.75	ng/ul#	90
80) Benzo(a)anthracene	21.24	228	1271928	20.45	ng/ul	98
82) Chrysene	21.30	228	1177236	20.40	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	634387	11.32	ng/ul#	97
86) Benzo(k)fluoranthene	22.85	252	180974m	3.43	ng/ul	
88) Benzo(a)pyrene	23.38	252	308802	6.14	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.70	276	99208	1.99	ng/ul	98
91) Benzo(g,h,i)perylene	26.39	276	79411	2.02	ng/ul#	93

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