

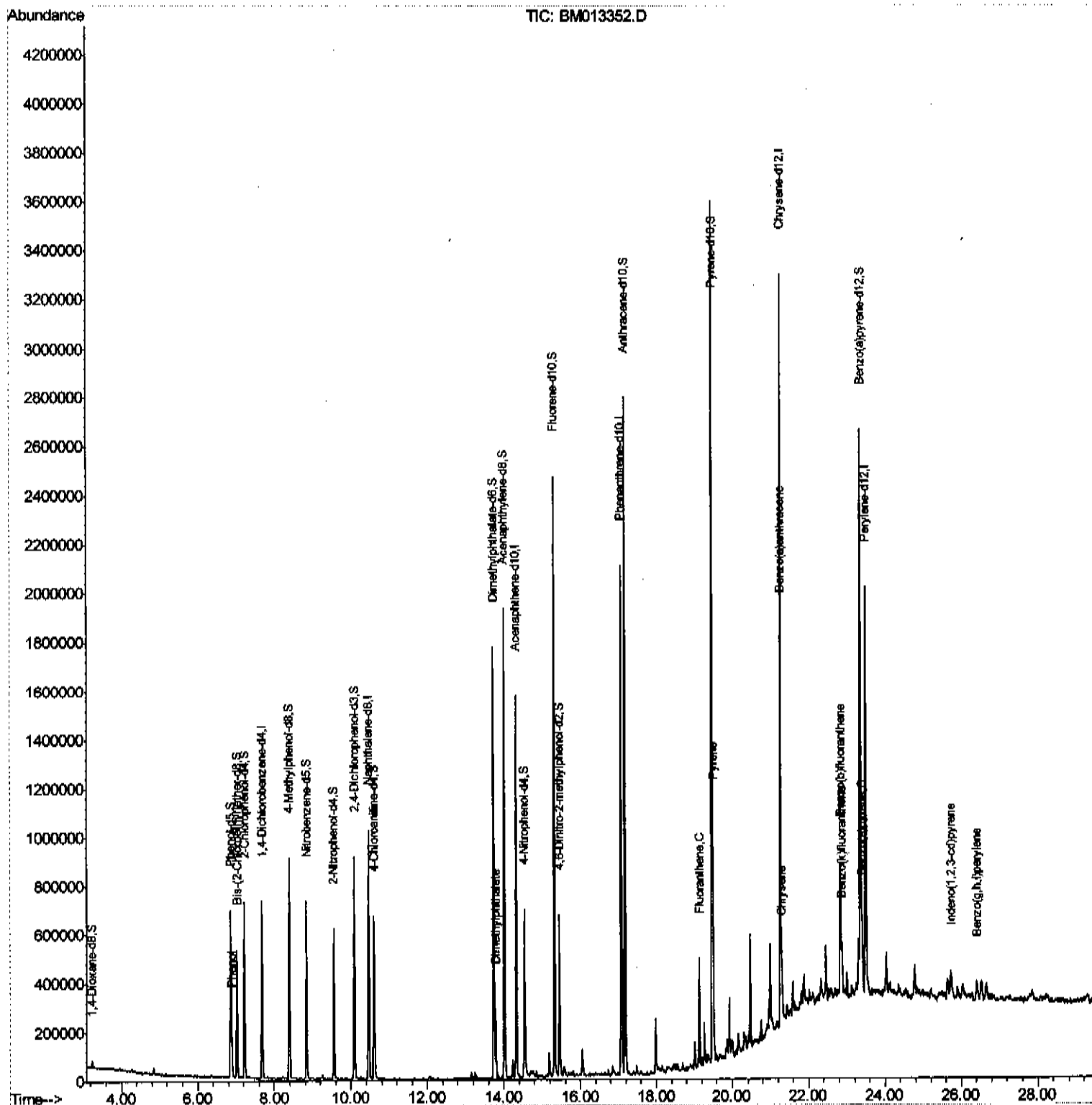
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013352.D
Acq On : 12 Dec 2017 23:00
Operator : SJ/JU
Sample : I6776-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A54

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:49 PM

Quant Time: Dec 13 04:01:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration



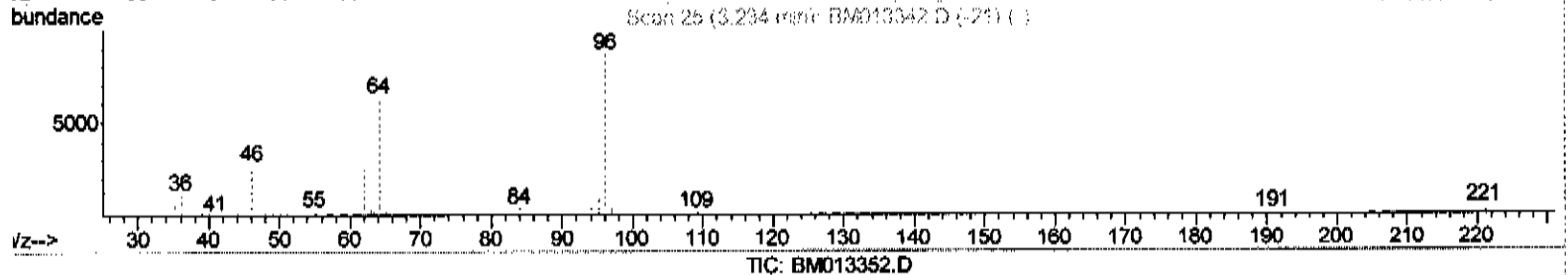
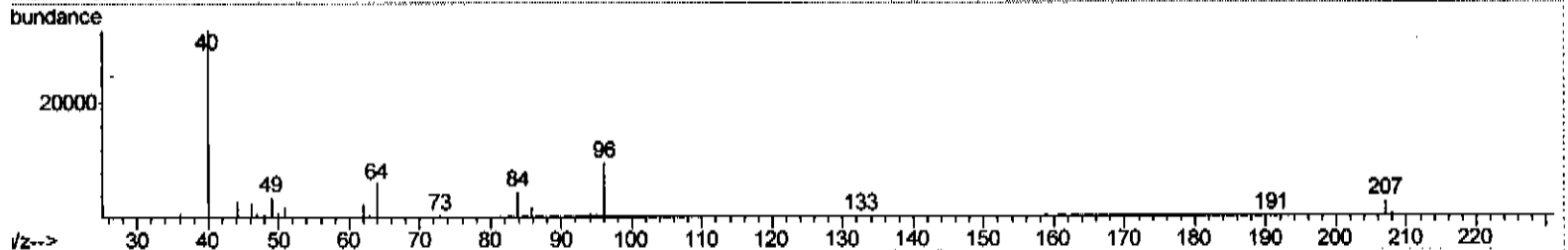
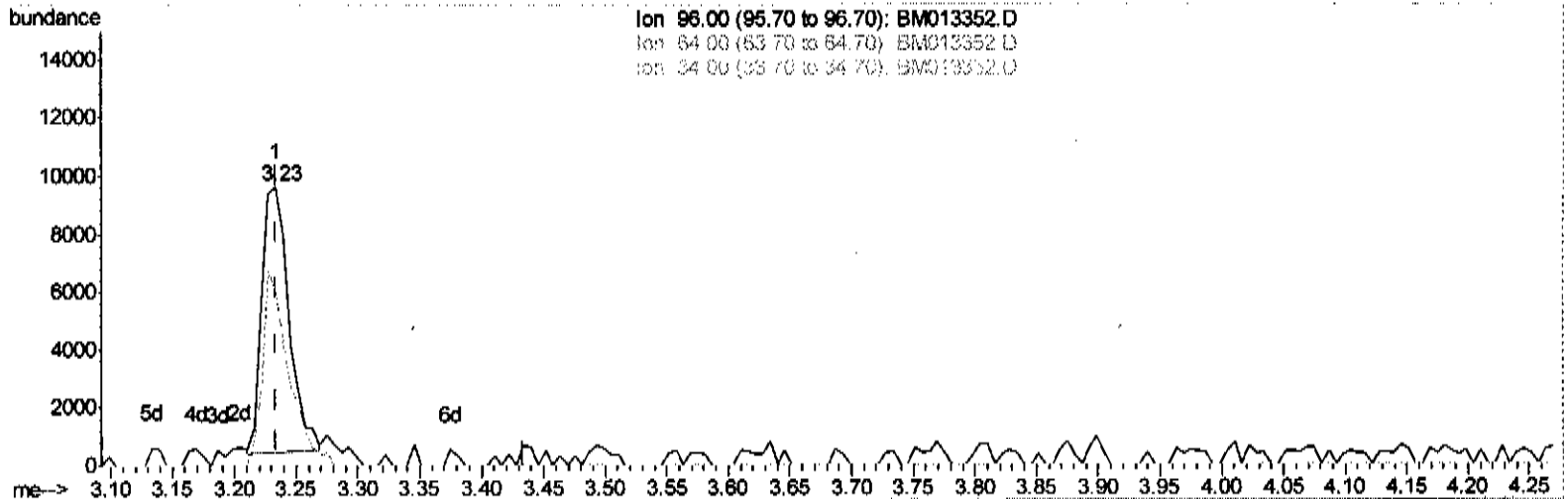
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Quant Time: Dec 13 01:46:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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(3) 1,4-Dioxane-d8 (S)

3.234min (+0.000) 3.76ng/uL

response 14006

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.66
34.00	0.00	0.00
0.00	0.00	0.00

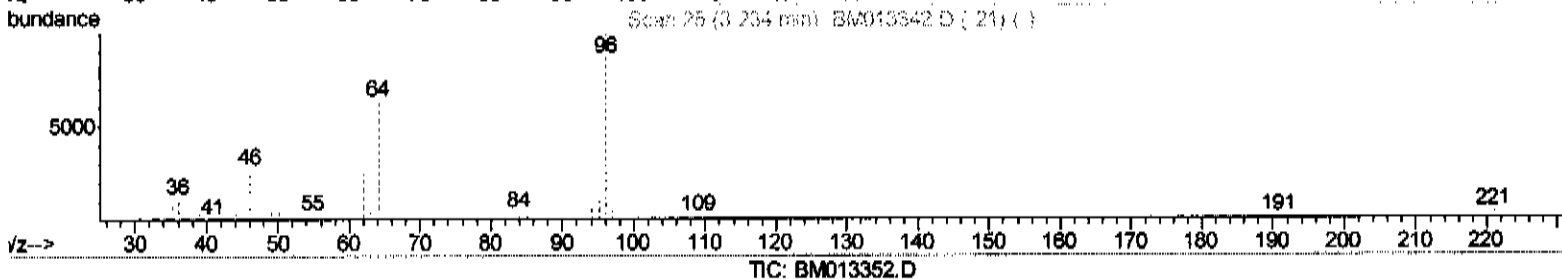
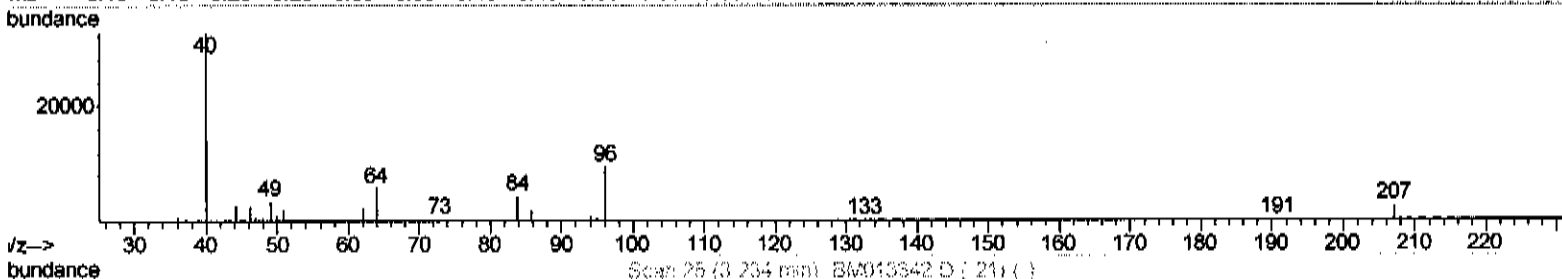
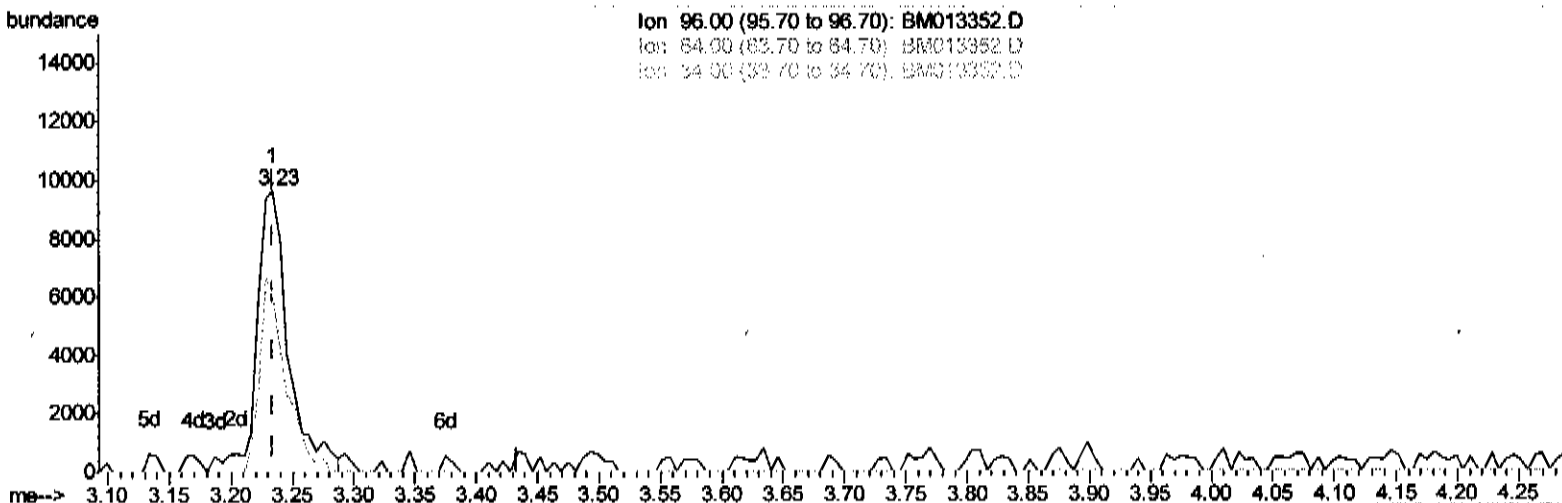
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Manual Integrations
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(3) 1,4-Dioxane-d8 (S)

3.234min (+0.000) 4.66ng/uL m

response 17350

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	57.04#
34.00	0.00	0.00
0.00	0.00	0.00

5412/18/17

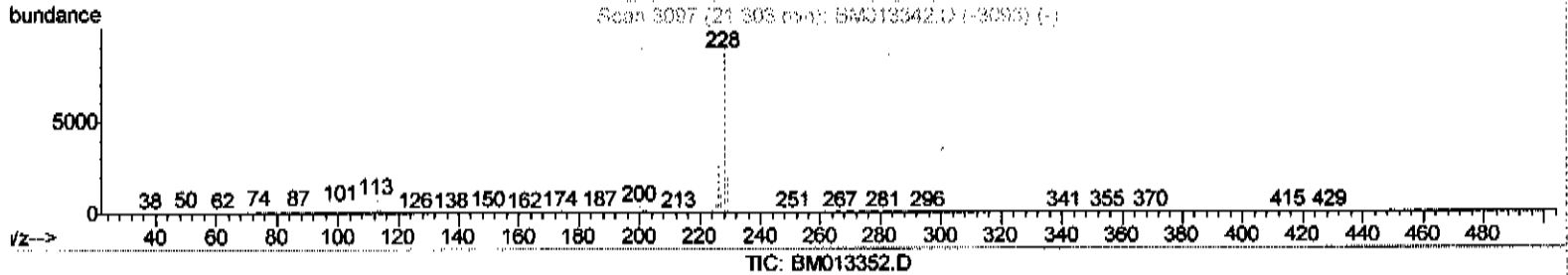
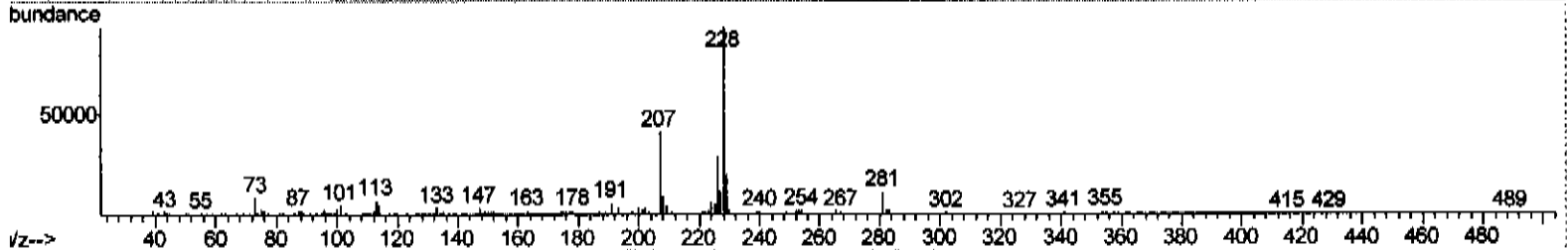
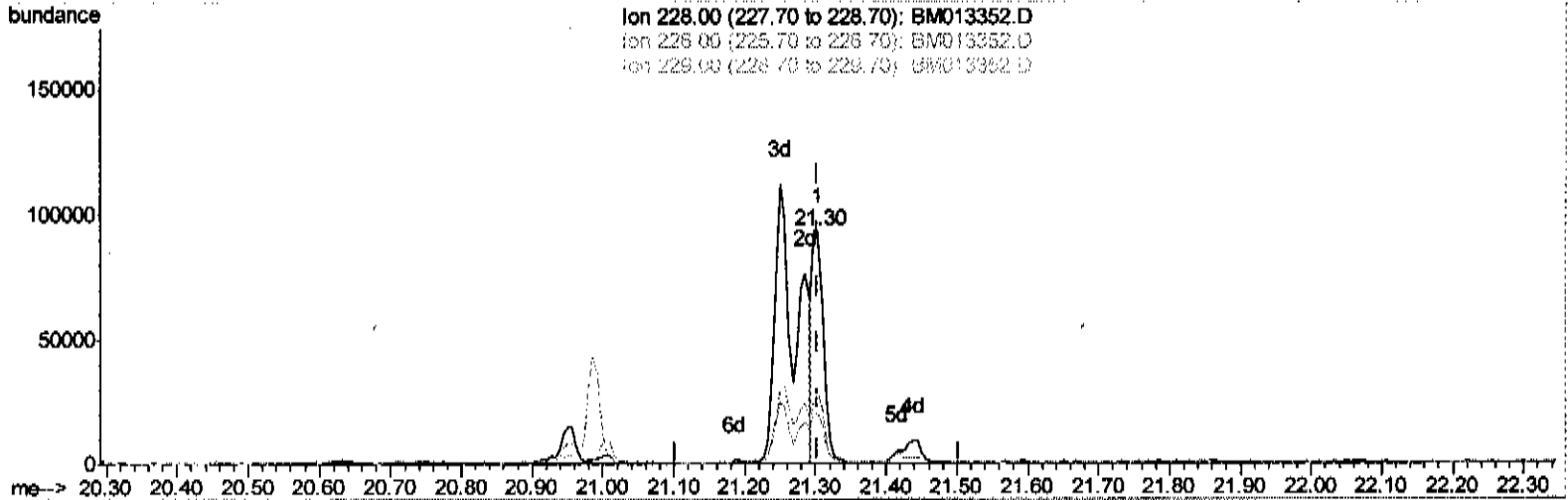
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:49 PM

Quant Time: Dec 13 03:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration



(82) Chrysene

21.303min (+0.000) 1.24ng/ul

response 102786

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.97
229.00	19.40	21.67
0.00	0.00	0.00

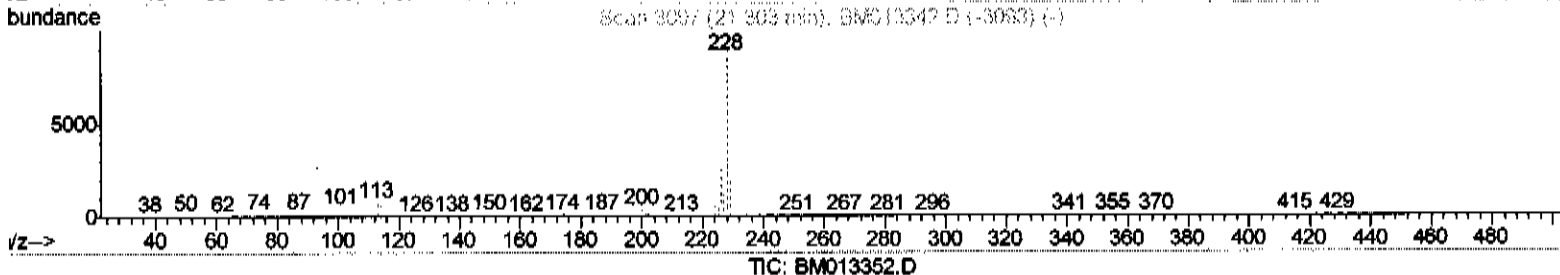
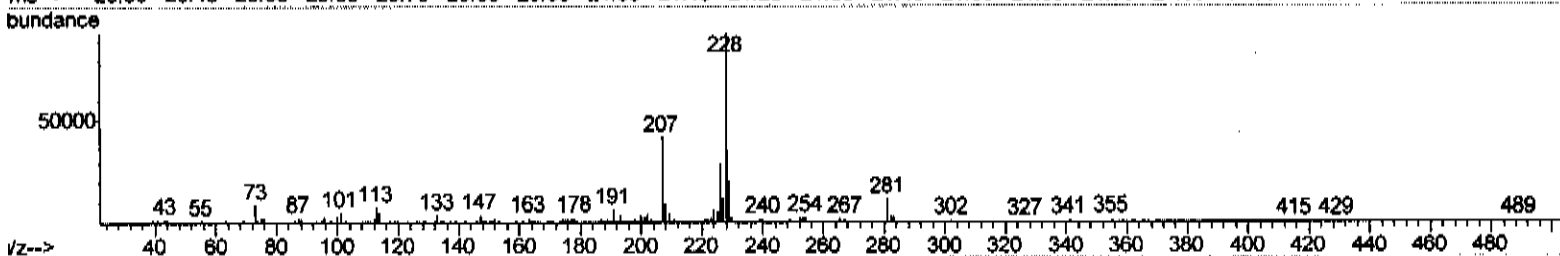
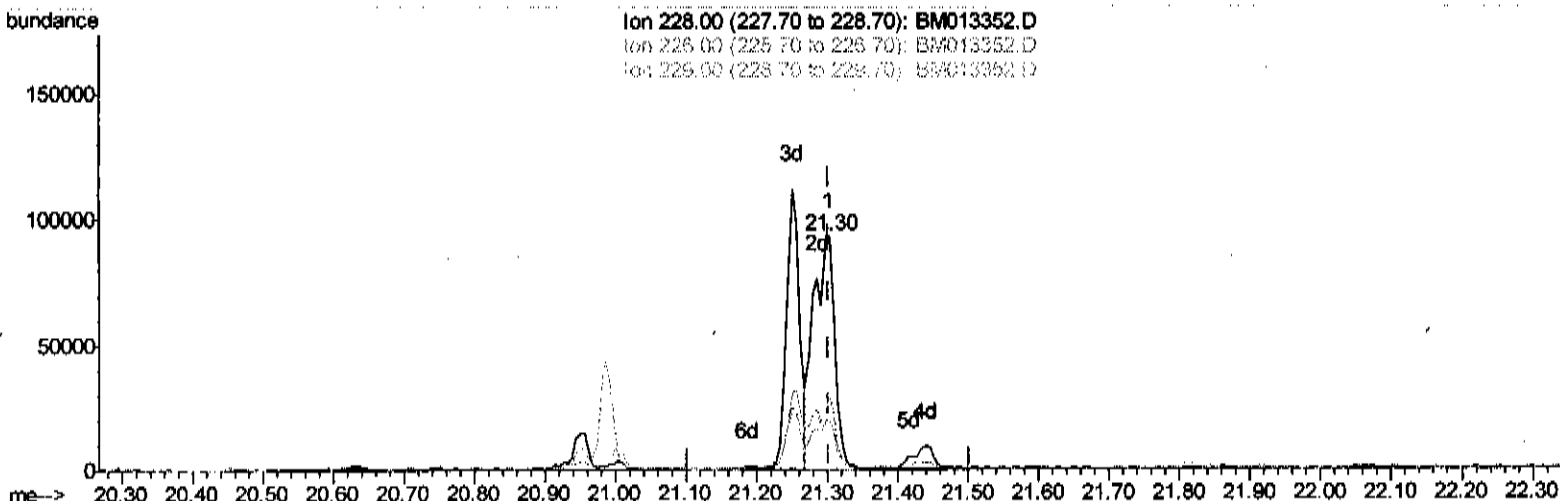
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
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 Operator : SJ/JU
 Sample : I6776-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:49 PM

Quant Time: Dec 13 03:59:24 2017
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(82) Chrysene

21.303min (+0.000) 2.35ng/ul m

response 194081

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.97
229.00	19.40	21.67
0.00	0.00	0.00

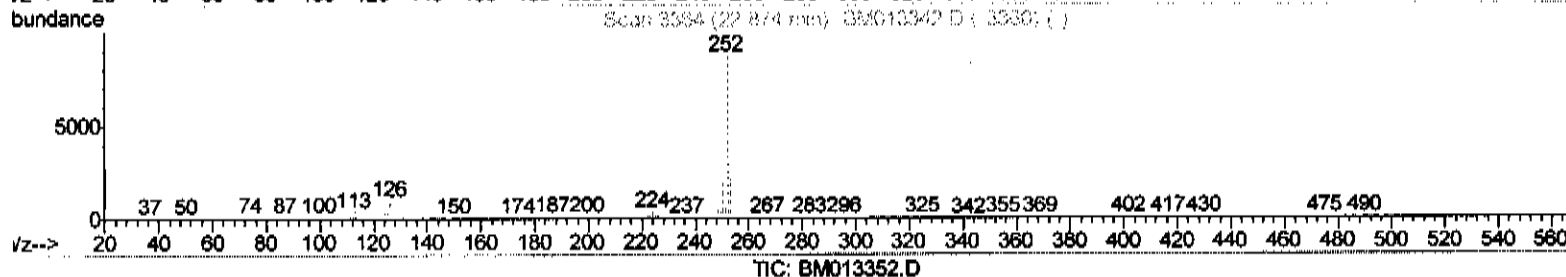
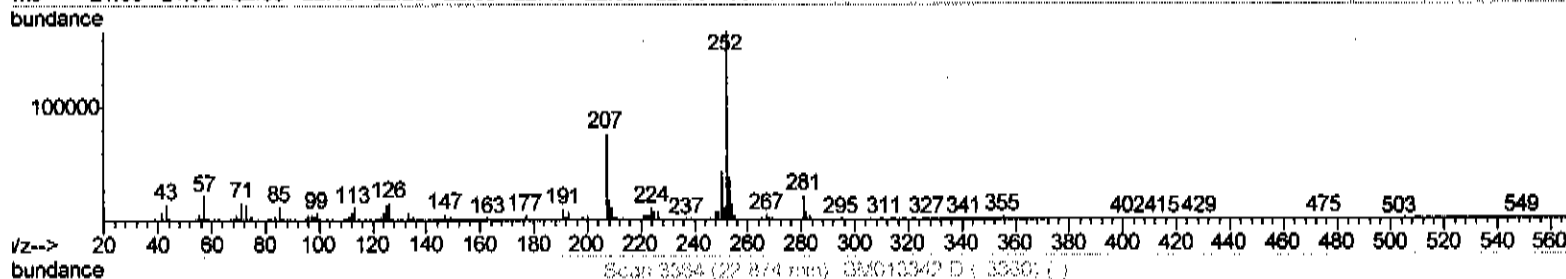
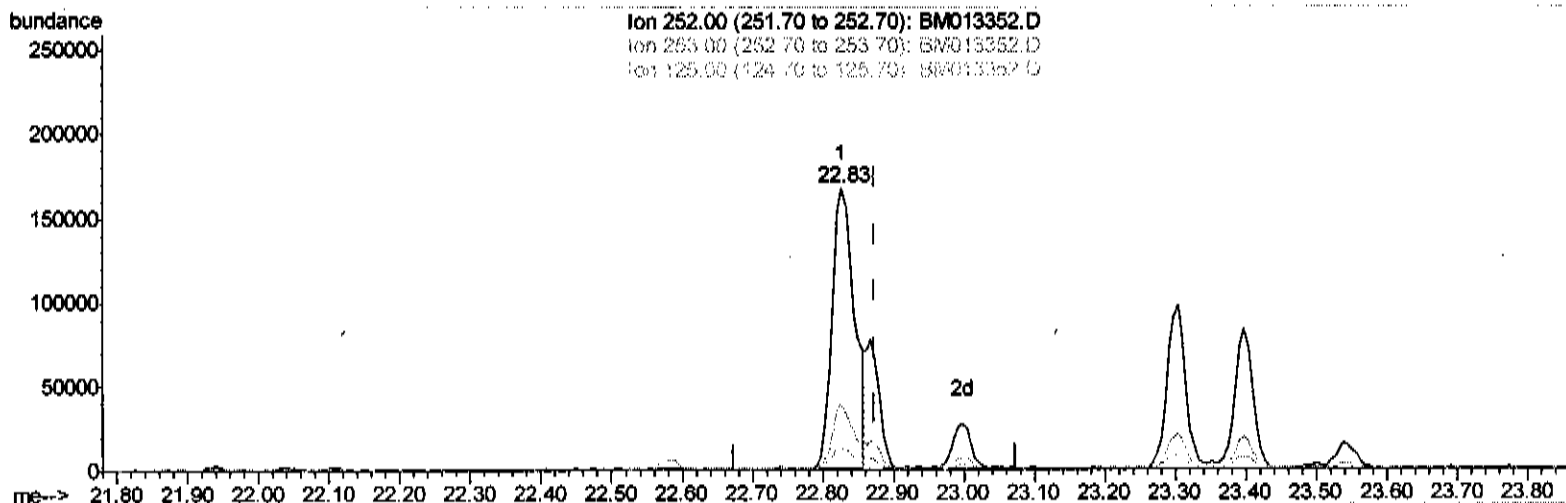
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 Sample : I6776-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:49 PM

Quant Time: Dec 13 03:59:24 2017
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(86) Benzo(k)fluoranthene

22.827min (-0.047) 4.65ng/ul

response 365732

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.07
125.00	4.30	8.12#
0.00	0.00	0.00

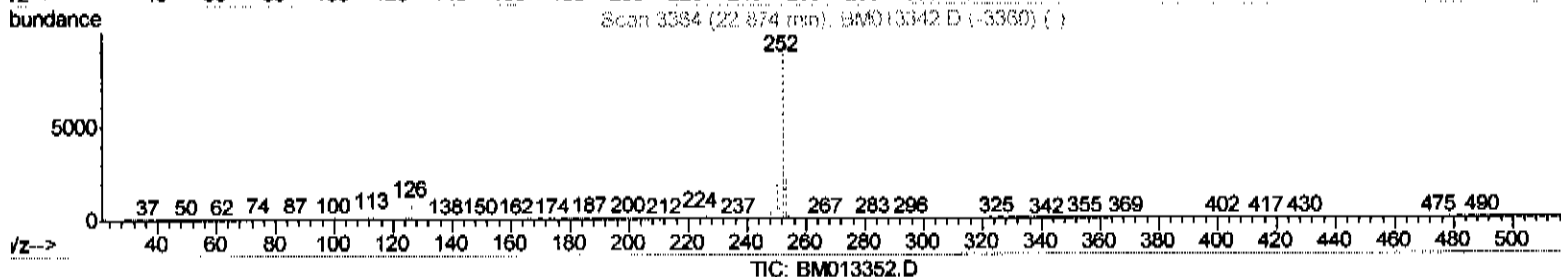
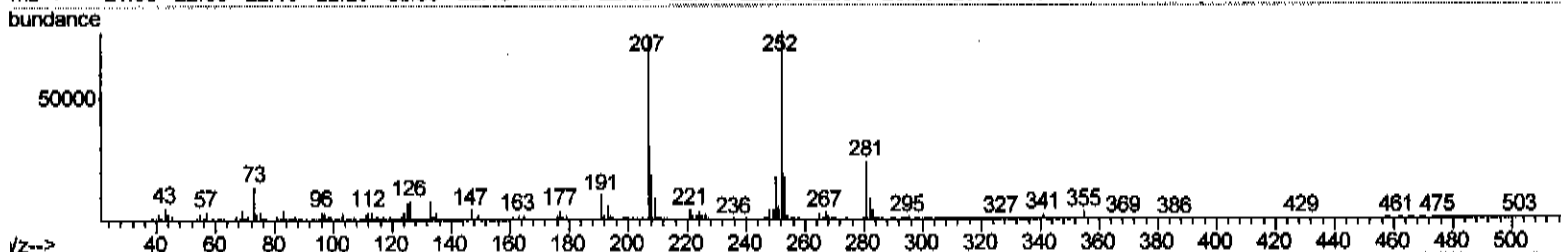
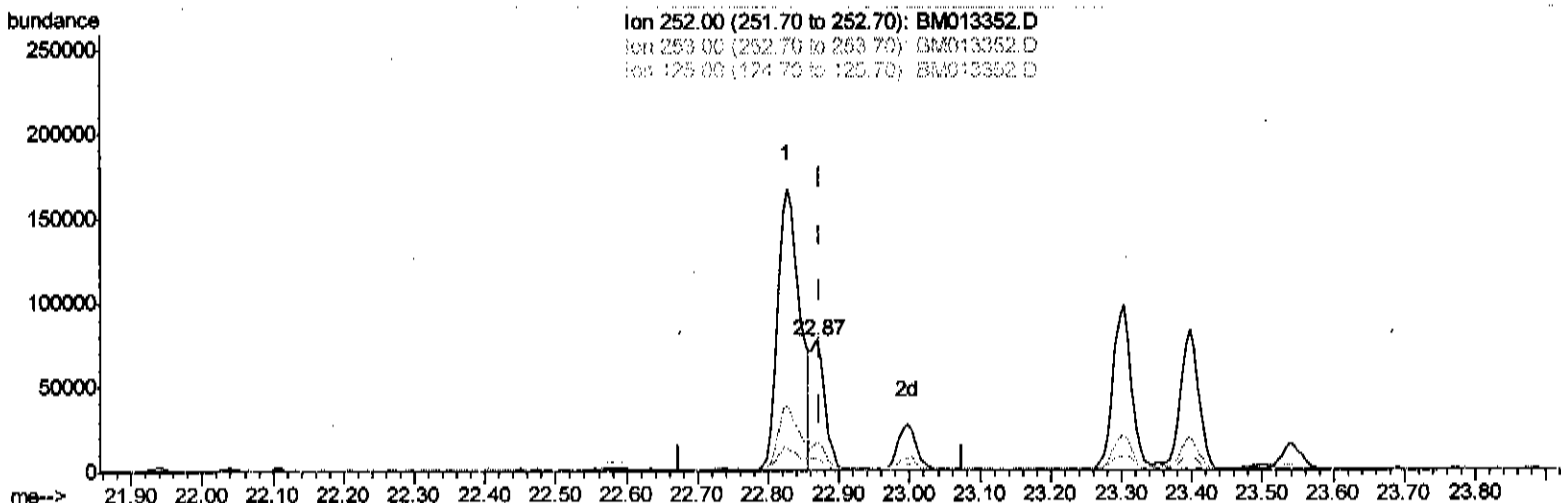
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013352.D
 Acq On : 12 Dec 2017 23:00
 Operator : SJ/JU
 Sample : I6776-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A54

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:49 PM

Quant Time: Dec 13 03:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.868min (-0.006) 1.32ng/ul m

response 104103

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.80
125.00	4.30	9.29%
0.00	0.00	0.00

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 Operator : SJ/JU
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:49 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	184263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	795975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	487314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1198638	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1403380	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1240359	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	17350m	4.66	ng/uL	0.00
5) Phenol-d5	6.86	99	357355	22.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	216185	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	294788	23.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	300420	22.06	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	160055	25.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	169432	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	318412	22.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	343560	26.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1096255	25.28	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1359502	25.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155214	20.60	ng/ul	0.00
57) Fluorene-d10	15.32	176	928074	24.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	132957	17.63	ng/ul	0.00
70) Anthracene-d10	17.17	188	1489857	24.82	ng/ul	0.00
76) Pvrene-d10	19.47	212	1784488	25.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1616673	25.59	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.89	94	71291	4.524	ng/ul#	79
44) Dimethylphthalate	13.79	163	162702	3.923	ng/ul	98
74) Fluoranthene	19.14	202	251653	3.016	ng/ul#	95
77) Pvrene	19.50	202	567781	6.659	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	150431	1.689	ng/ul	96
82) Chrysene	21.30	228	194081m	2.349	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	365732	4.374	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	104103m	1.323	ng/ul	97
88) Benzo(a)pyrene	23.40	252	148903	1.982	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	110598	1.484	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	87940	1.496	ng/ul	99

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

> 7412/18/17
 > 7412/18/17