

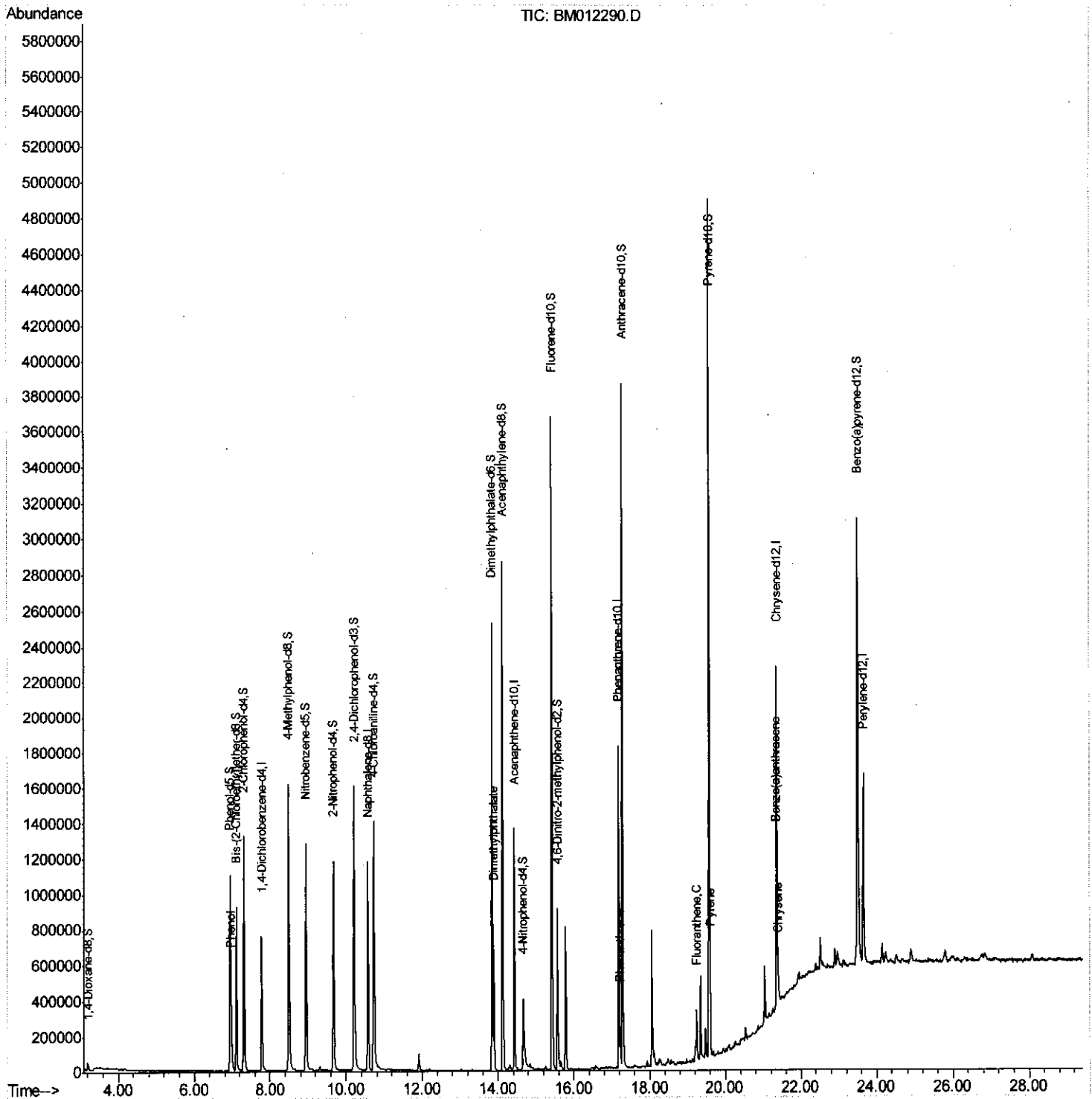
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101817\
Data File : BM012290.D
Acq On : 18 Oct 2017 21:49
Operator : SJ/JU
Sample : I5656-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0CE3

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:40 PM

Quant Time: Oct 18 23:40:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 23:09:30 2017
Response via : Initial Calibration



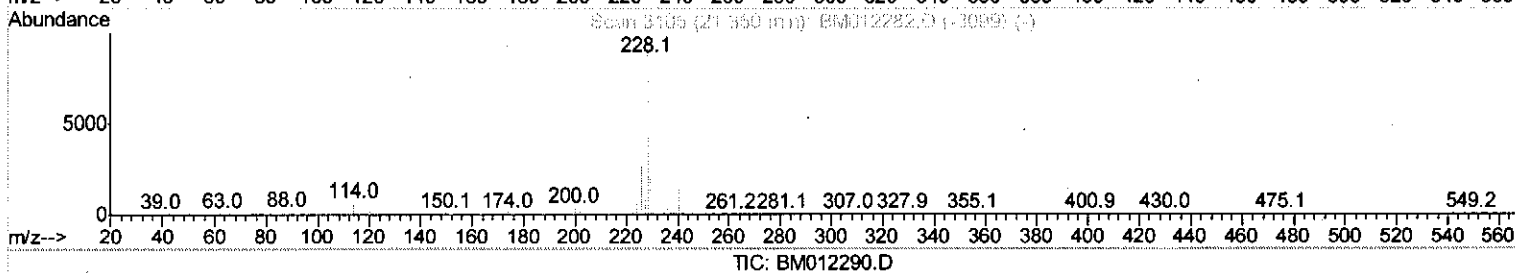
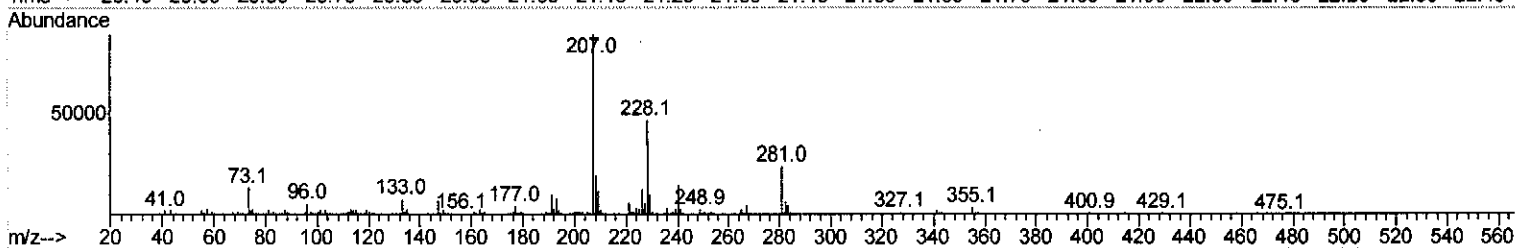
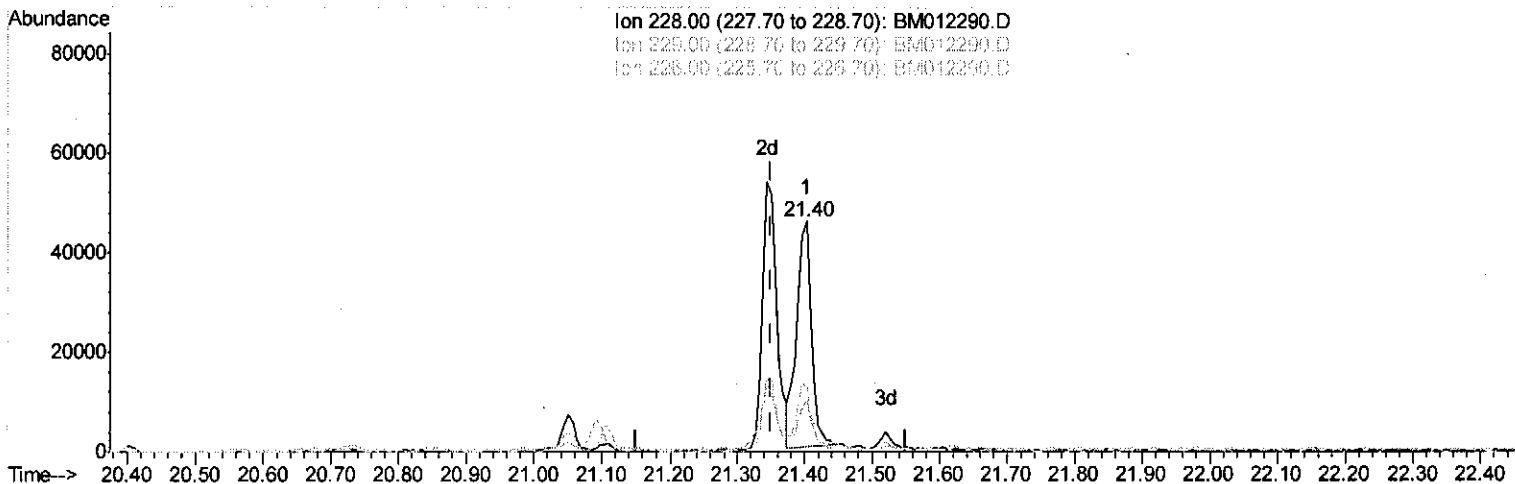
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(80) Benzo(a)anthracene

21.404min (+0.053) 1.08ng/ul

response 68526

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.02
226.00	26.80	27.55
0.00	0.00	0.00

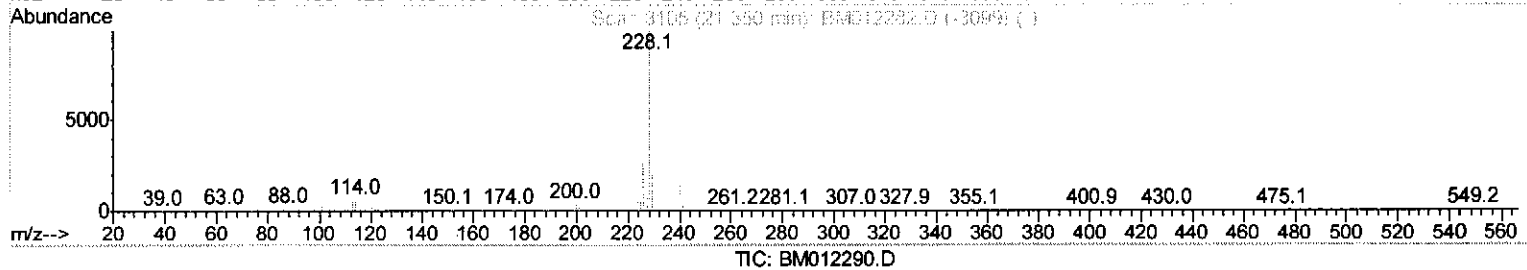
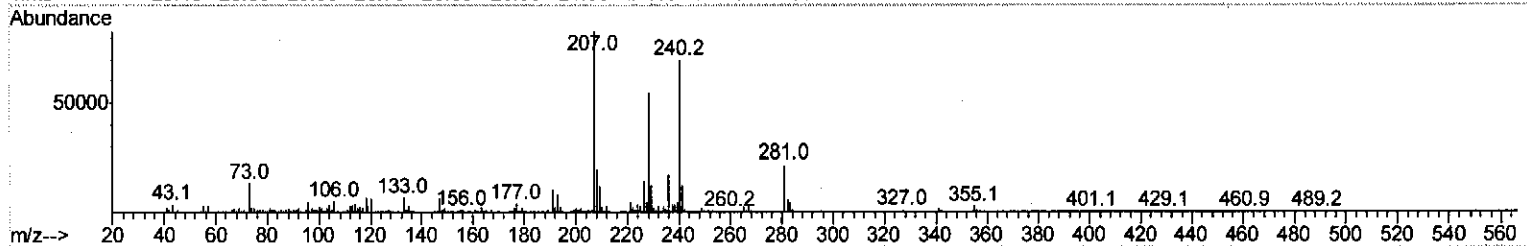
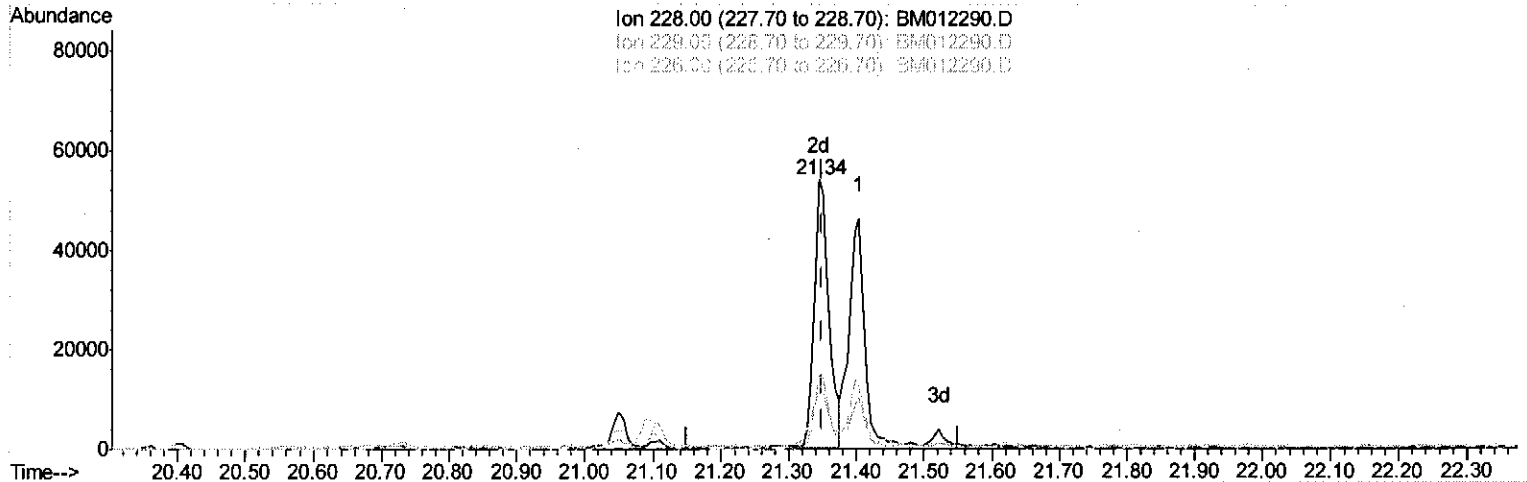
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Response via : Initial Calibration



(80) Benzo(a)anthracene

21.345min (-0.005) 1.29ng/ul m

SU 10/24/17

response 81479

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	23.96#
226.00	26.80	26.89
0.00	0.00	0.00

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 Sample : I5656-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CE3

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:49:40 PM

Quant Time: Oct 18 23:40:49 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 23:09:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	217089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	954401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	442982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1050248	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	973429	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	822655	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20448	4.48	ng/uL	0.00
5) Phenol-d5	6.95	99	613646	34.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	390988	37.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	582681	39.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	642428	42.36	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	304009	41.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	364128	42.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	659317	40.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	831711	54.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1755511	44.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2062408	43.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	176488	29.98	ng/ul	0.00
57) Fluorene-d10	15.43	176	1472672	45.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	261249	36.24	ng/ul	0.00
70) Anthracene-d10	17.28	188	2256795	43.46	ng/ul	0.00
76) Pyrene-d10	19.57	212	2587215	52.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1831610	46.18	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.98	94	110621	6.075	ng/ul#	90
44) Dimethylphthalate	13.89	163	534855	13.635	ng/ul	98
69) Phenanthrene	17.22	178	133946	2.242	ng/ul	98
74) Fluoranthene	19.25	202	167895	2.329	ng/ul	99
77) Pyrene	19.60	202	150665	2.344	ng/ul	99
80) Benzo(a)anthracene	21.34	228	81479m	1.286	ng/ul	→ 9010/24/17
82) Chrysene	21.40	228	68526	1.152	ng/ul	95

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