

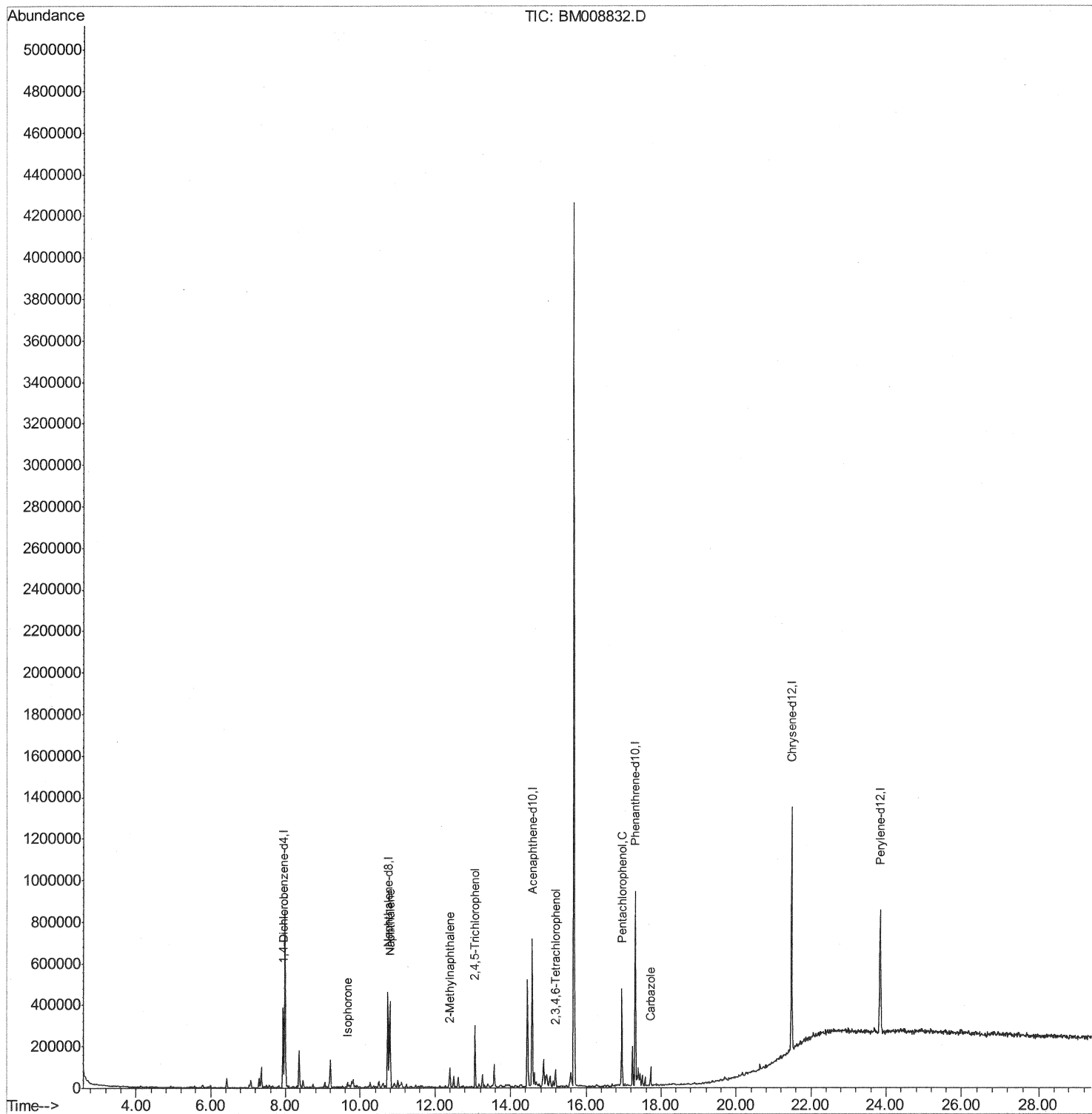
Data Path : Z:\HPCHEM1\BNA M\Data\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7DL2

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:57 PM

Quant Time: Jan 24 12:09:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration



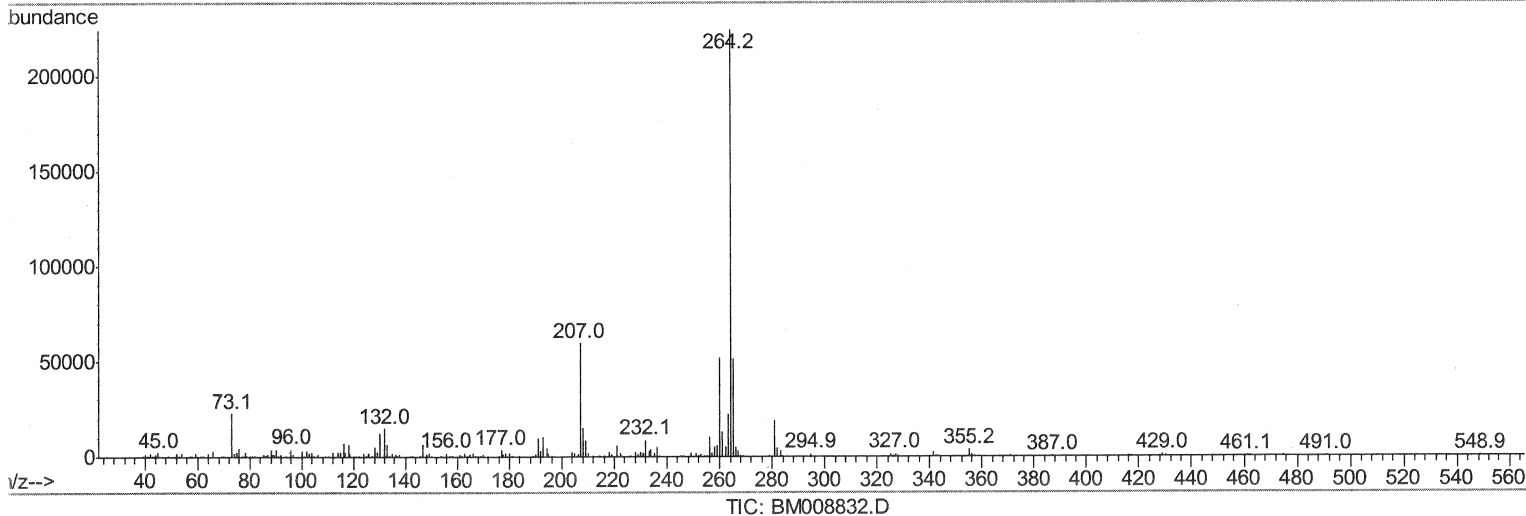
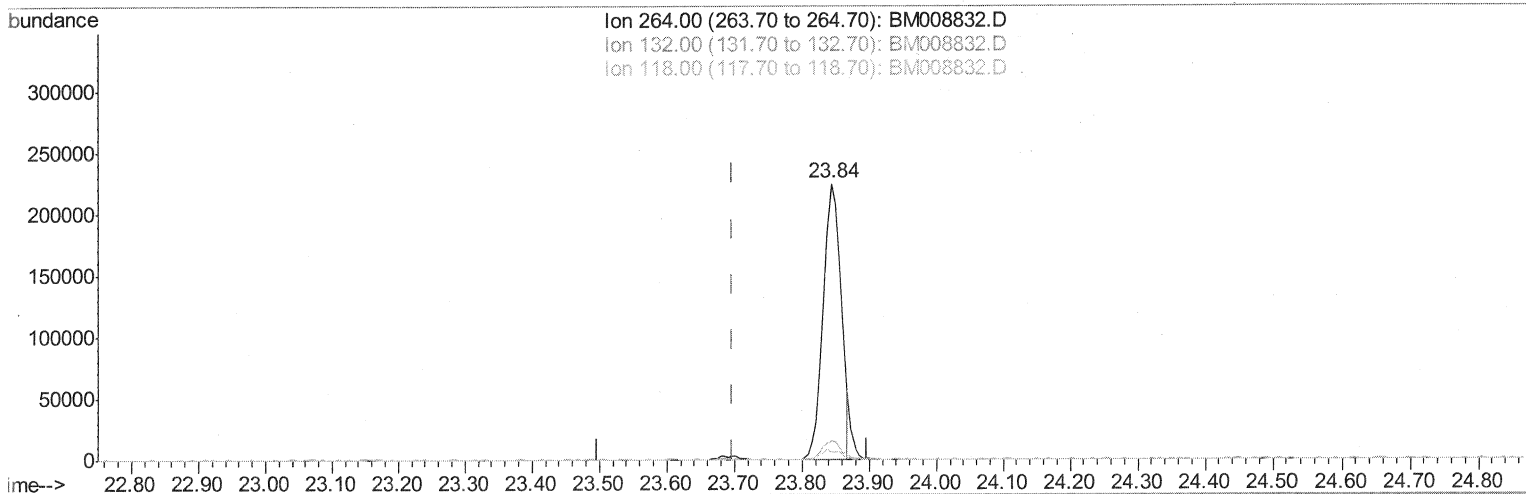
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(87) Benzo(a)pyrene-d12 (S)

23.844min (+0.147) 22.89ng/ul

response 419159

Ion	Exp%	Act%
264.00	100	100
132.00	11.20	6.69#
118.00	7.60	2.80#
0.00	0.00	0.00

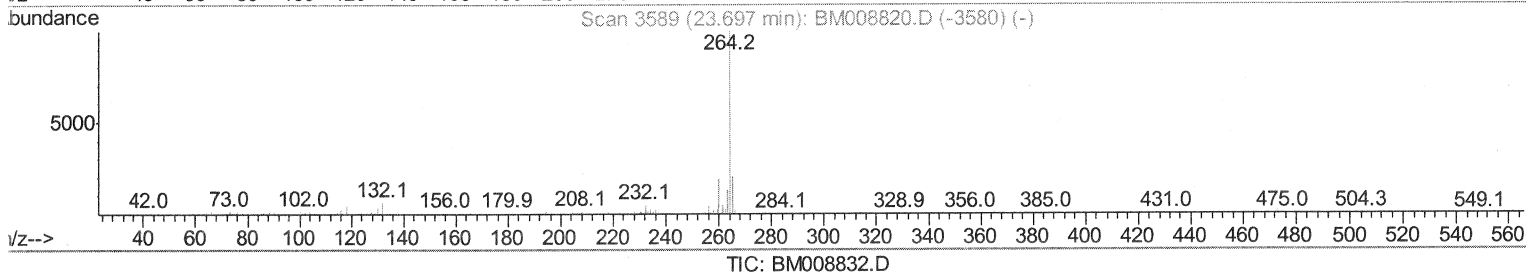
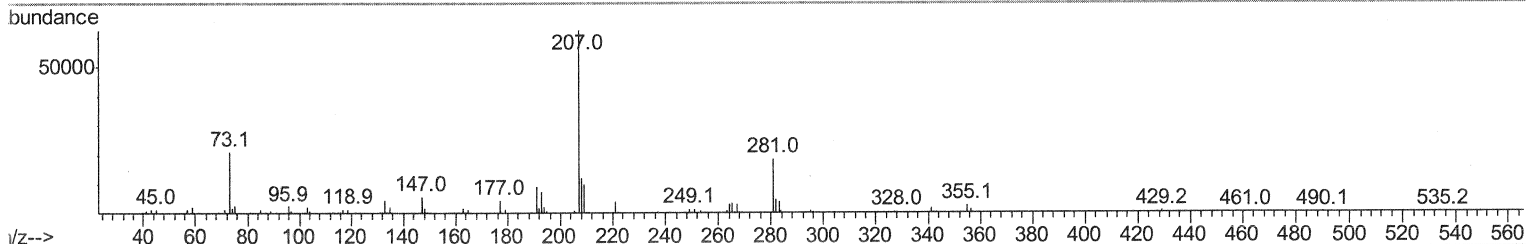
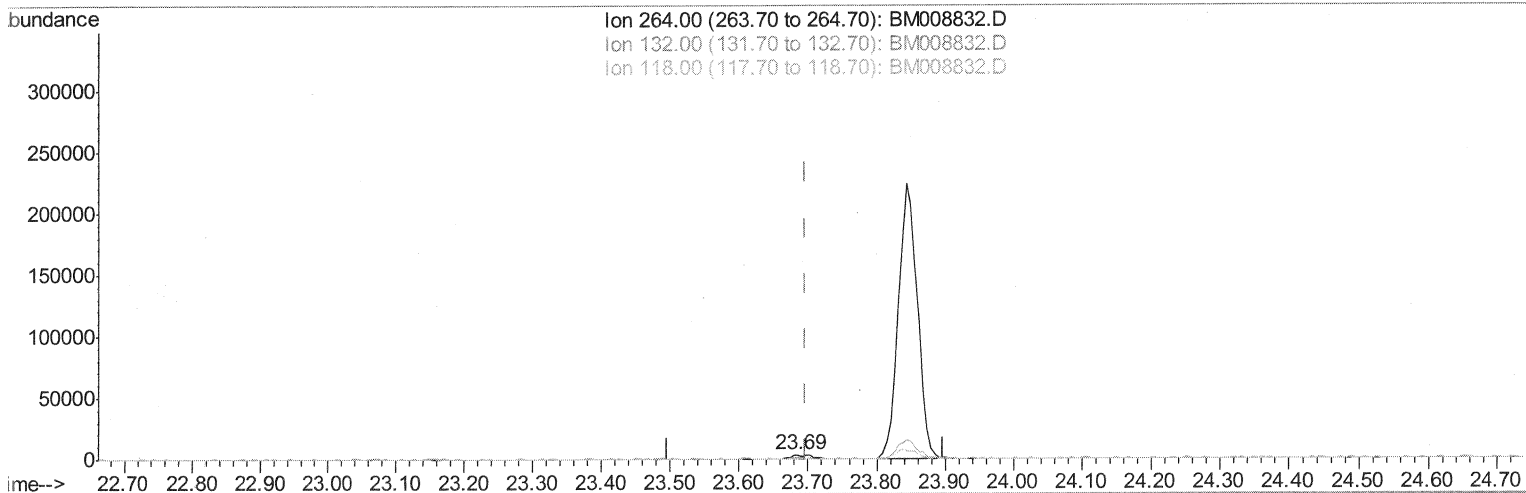
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Manual Integrations
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(87) Benzo(a)pyrene-d12 (S)

23.685min (-0.012) 0.39ng/ul m

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response 7150

Ion	Exp%	Act%
264.00	100	100
132.00	11.20	16.91#
118.00	7.60	10.88#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DA9R7DL2

Manual Integrations
 APPROVED

mohammad
 1/24/2017 5:17:57 PM

Quant Time: Jan 24 12:09:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	60149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	255966	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	197588	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	472439	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	535133	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	432470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.26	67	1576	0.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	824	0.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	411	0.10	ng/ul	0.00
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.83	143	395	0.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	433	0.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	316	0.07	ng/ul	-0.12
43) Dimethylphthalate-d6	13.98	166	5850	0.45	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	5454	0.36	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.56	176	6536	0.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.42	188	8240	0.40	ng/ul	0.00
76) Pyrene-d10	19.70	212	10368	0.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	7150m>	0.39	ng/ul	-0.01

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Target Compounds

					Ovalue
21) Isophorone	9.67	82	13183	1.14 ng/ul#	89
28) Naphthalene	10.79	128	215493	18.24 ng/ul#	97
34) 2-Methylnaphthalene	12.40	142	30448	3.17 ng/ul	88
39) 2,4,5-Trichlorophenol	13.06	196	49392	12.55 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.19	232	5370	1.36 ng/ul#	87
68) Pentachlorophenol	16.96	266	58146	15.92 ng/ul	95
72) Carbazole	17.72	167	33843	1.62 ng/ul#	88

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