

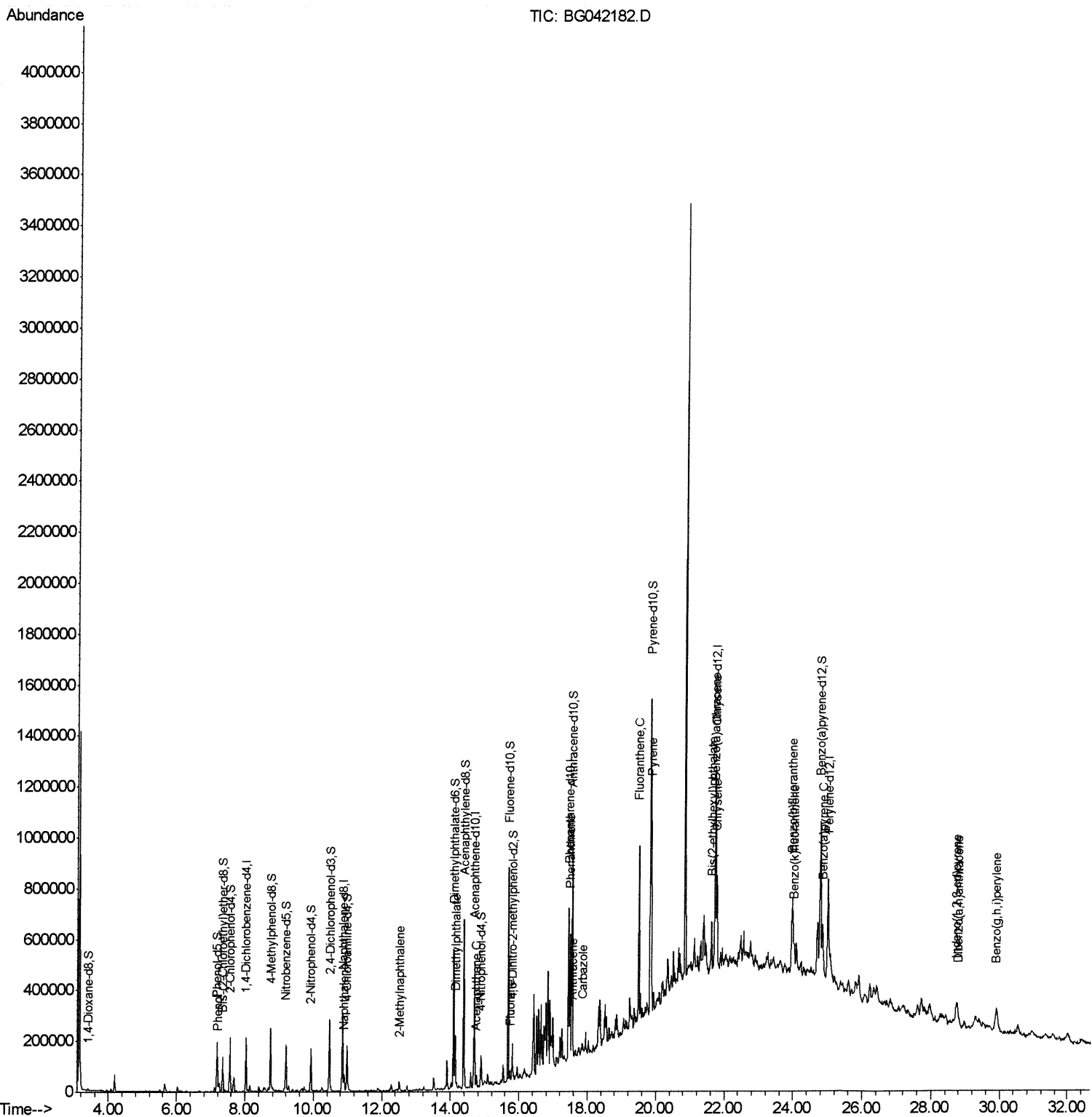
XXXXXXXXXXXX REPORT XXXXXXXXXXXXXXXXXXXX

Instrument :
BNA_G
ClientSampleId :
ETOB6

Manual Integrations
APPROVED

mohammad
8/20/2019 8:35:40 AM

Quant Time: Aug 14 05:20:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:56:59 2019
Response via : Initial Calibration



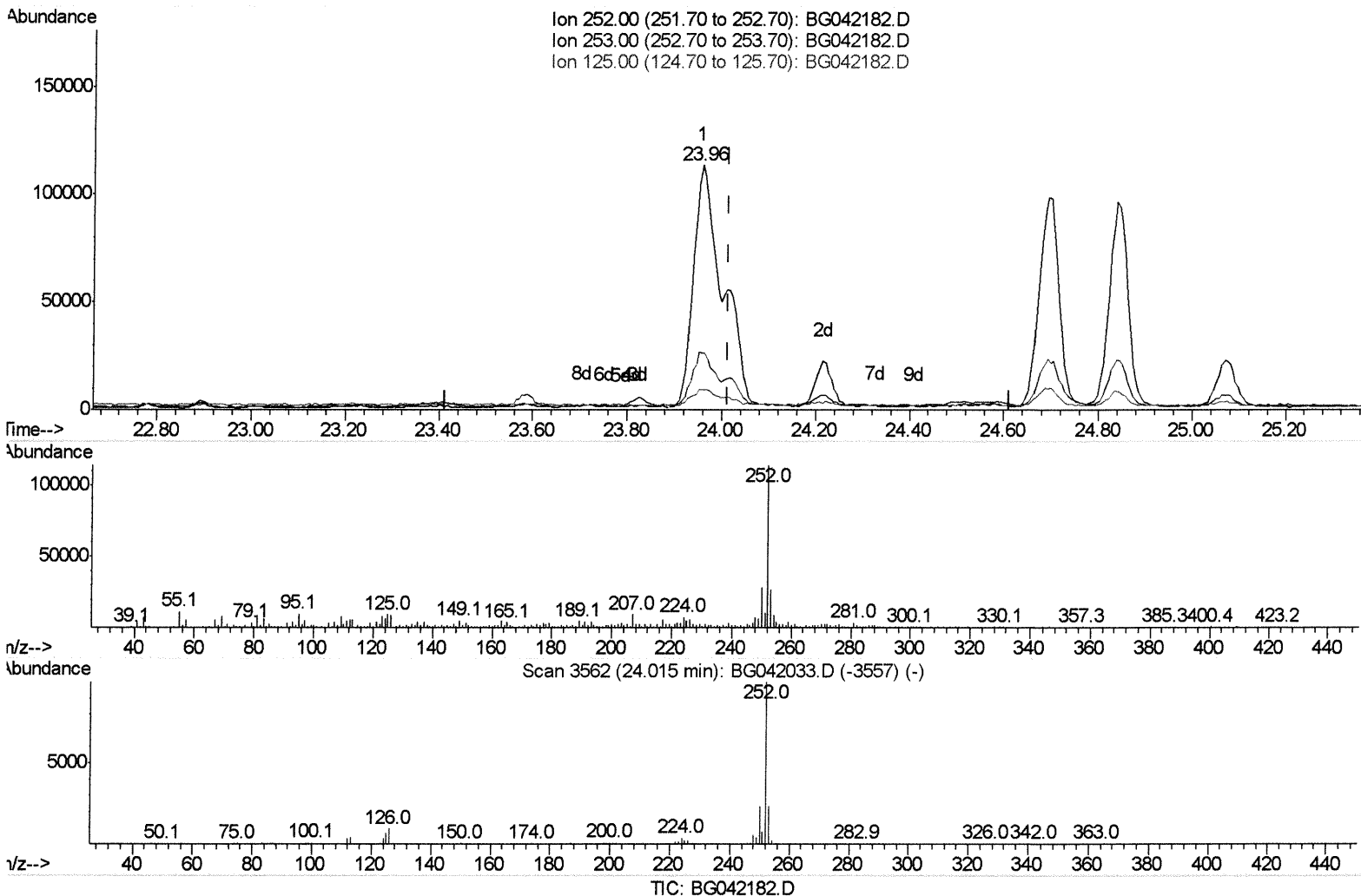
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042182.D
 Acq On : 13 Aug 2019 15:54
 Operator : HP/JU
 Sample : K4215-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(88) Benzo(k)fluoranthene

23.957min (-0.056) 12.26ng/ul

response 358284

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.08
125.00	6.90	8.05
0.00	0.00	0.00

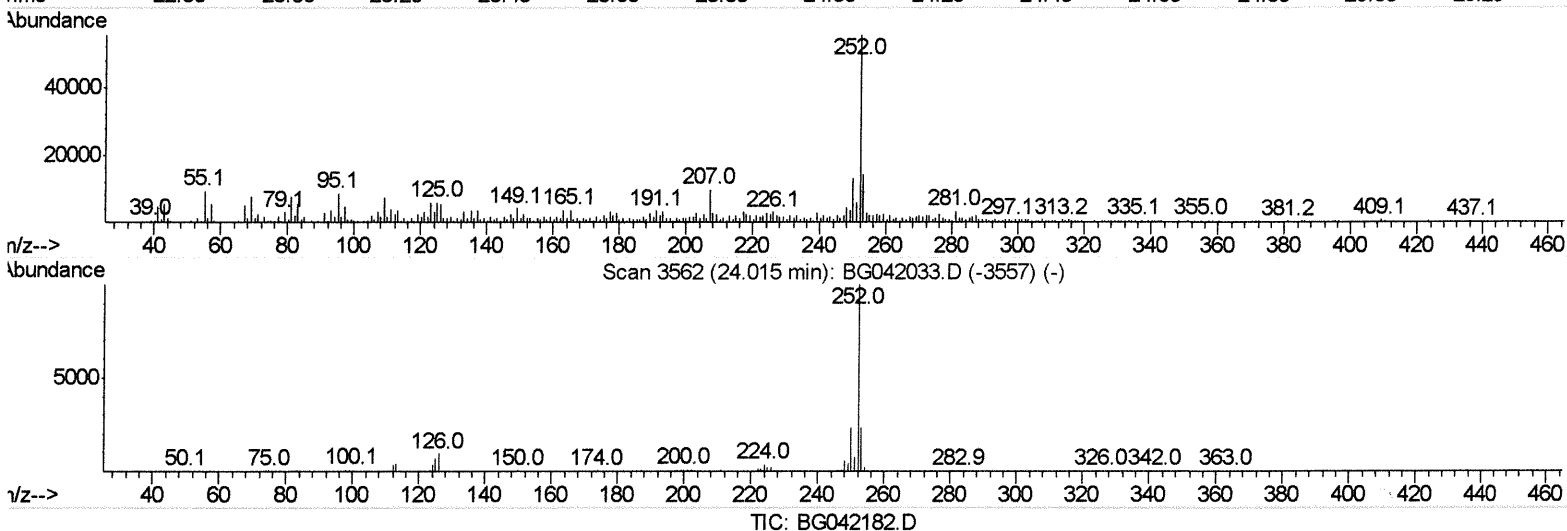
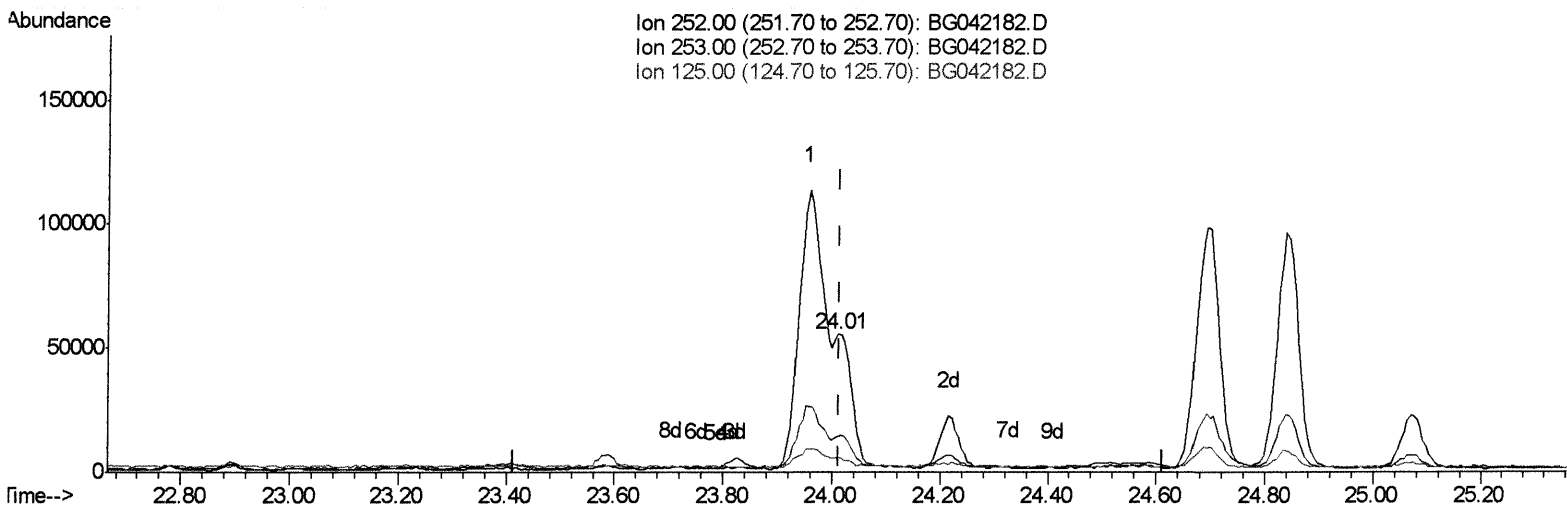
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(88) Benzo(k)fluoranthene

24.010min (-0.003) 4.01ng/ul m *JU* 08/14/19

response 117292

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.71
125.00	6.90	10.85#
0.00	0.00	0.00

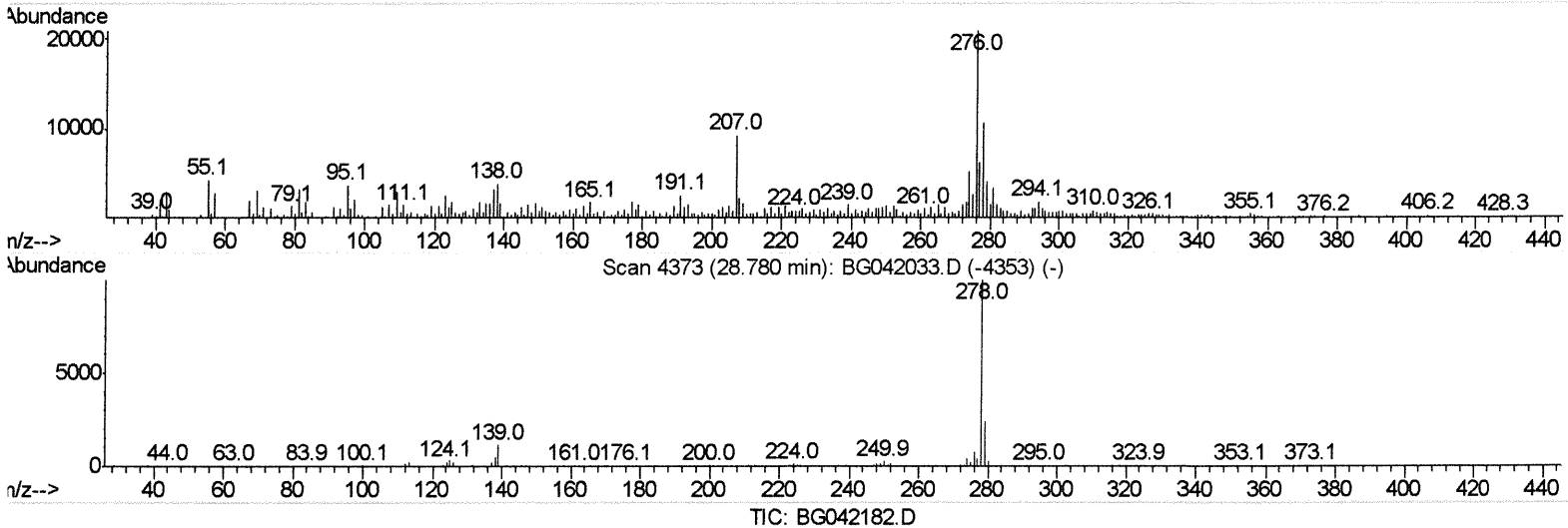
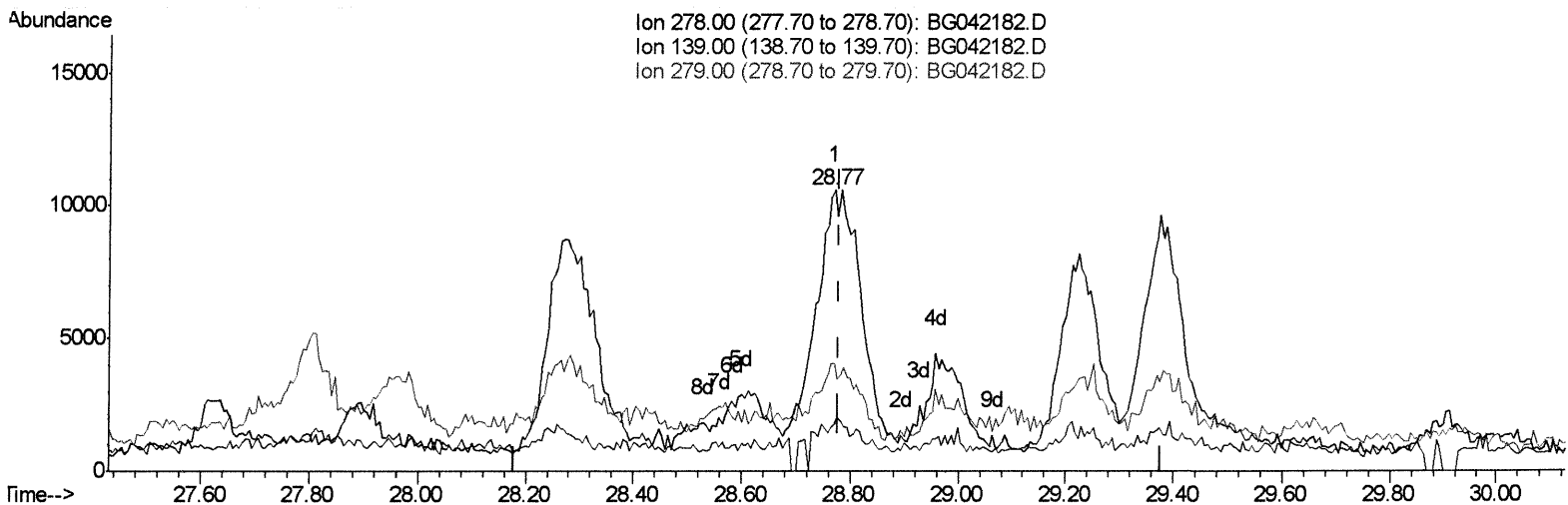
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(92) Dibenzo(a,h)anthracene

28.769min (-0.009) 0.93ng/ul

response 25726

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	16.79#
279.00	24.00	38.32#
0.00	0.00	0.00

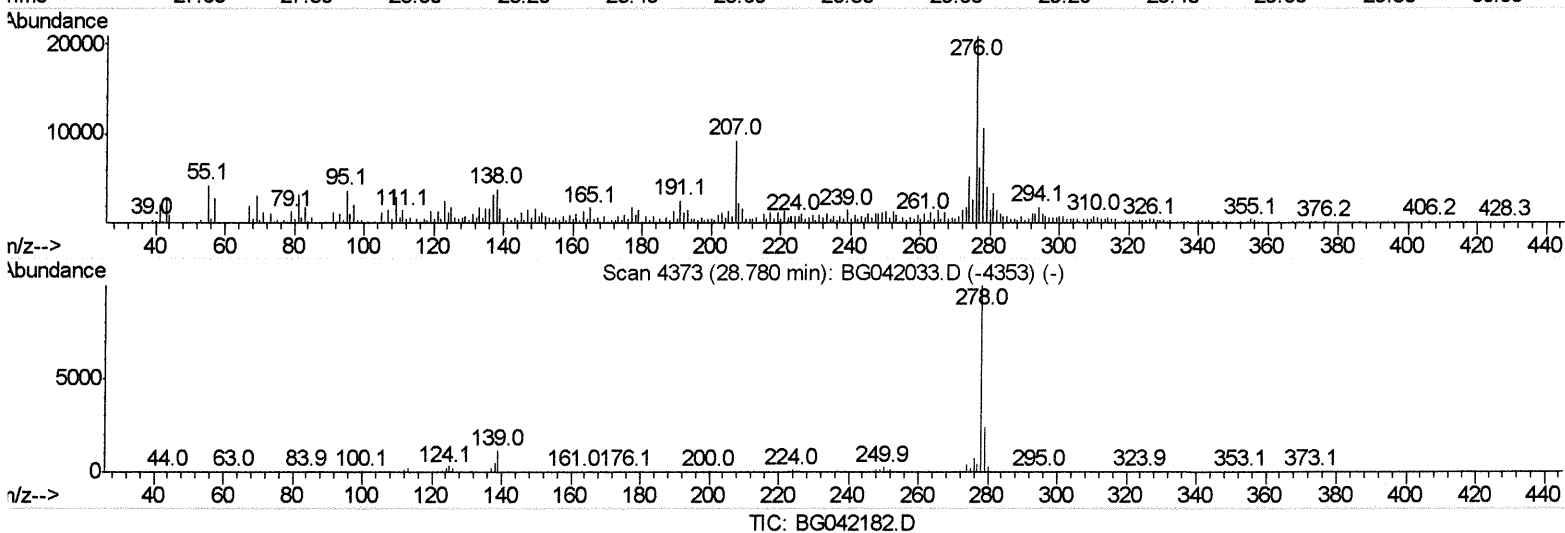
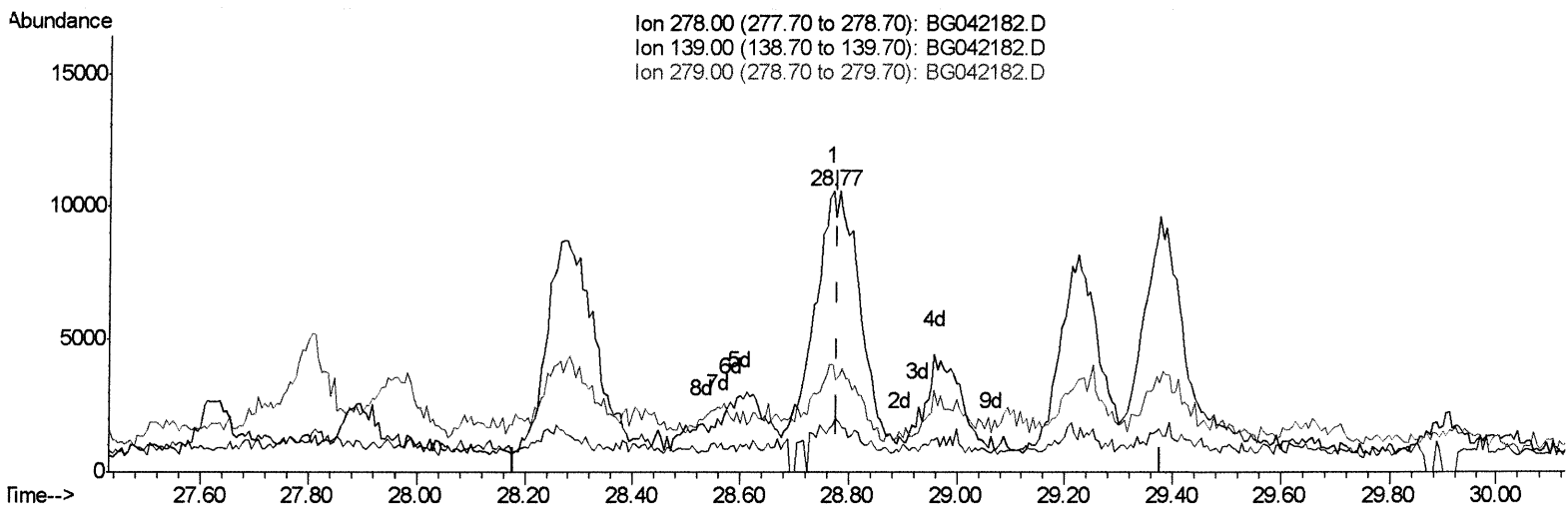
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 ALS Vial : 46 Sample Multiplier: 1

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(92) Dibenzo(a,h)anthracene

28.769min (-0.009) 1.95ng/ul m *Ju* 08/14/19

response 53740

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	16.79#
279.00	24.00	38.32#
0.00	0.00	0.00

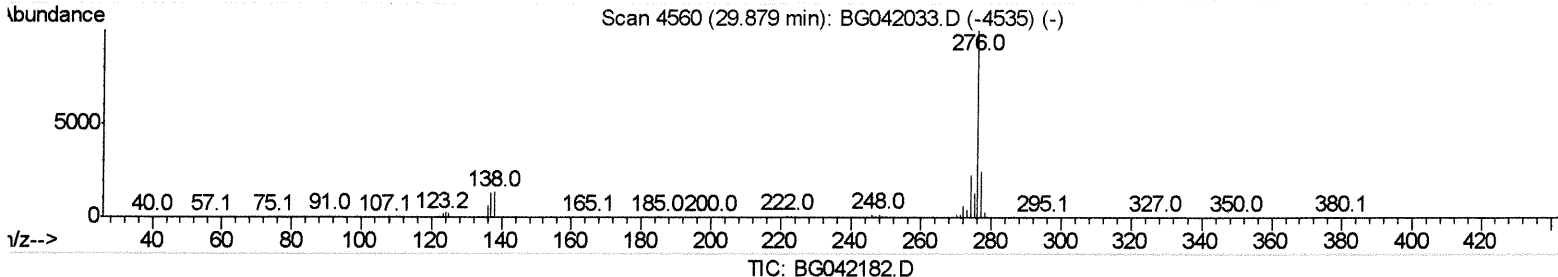
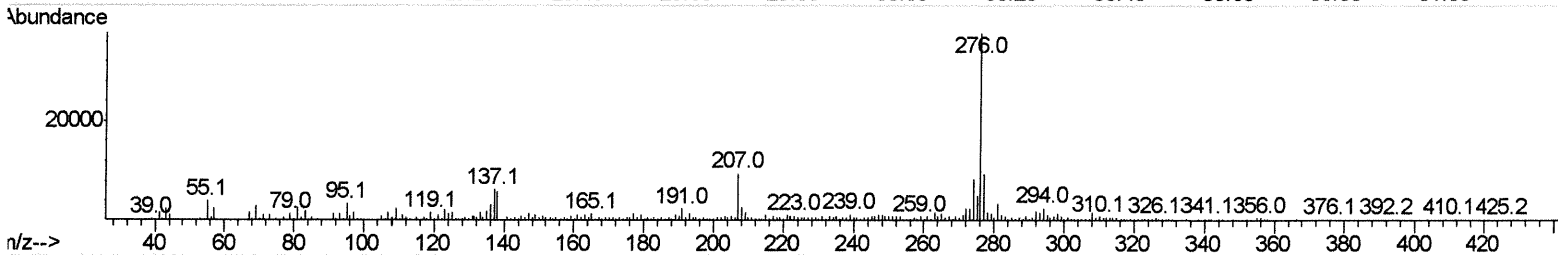
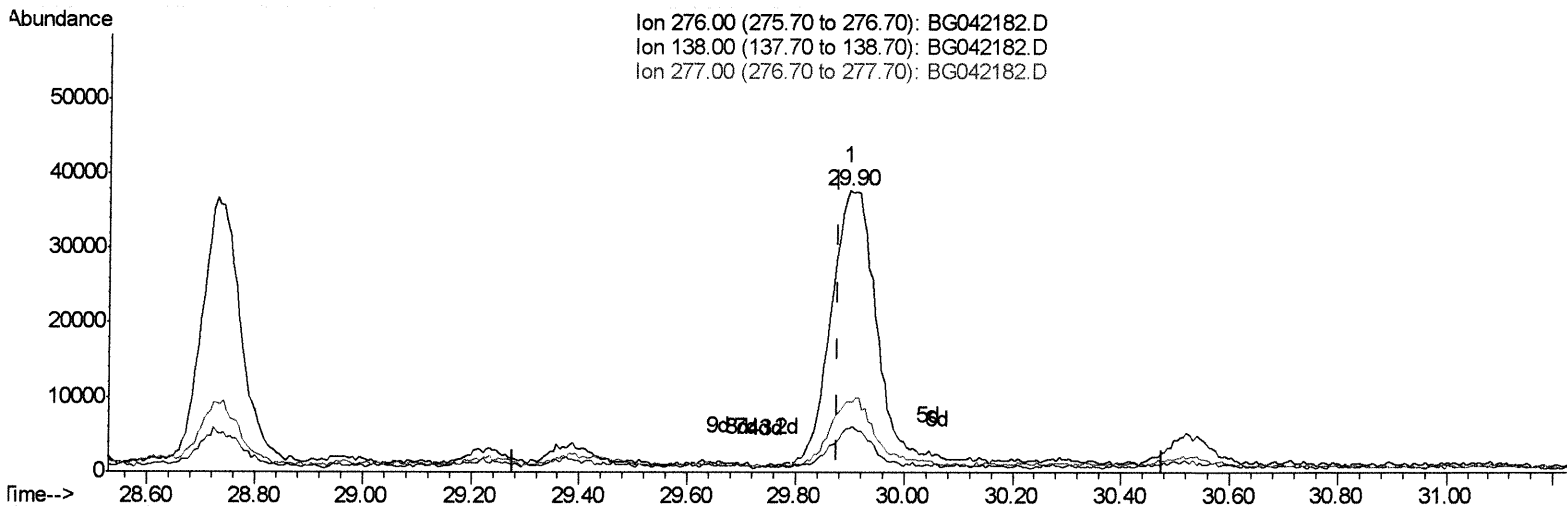
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(93) Benzo(g,h,i)perylene

29.897min (+0.020) 3.77ng/ul

response 106351

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	15.38
277.00	24.00	24.84
0.00	0.00	0.00

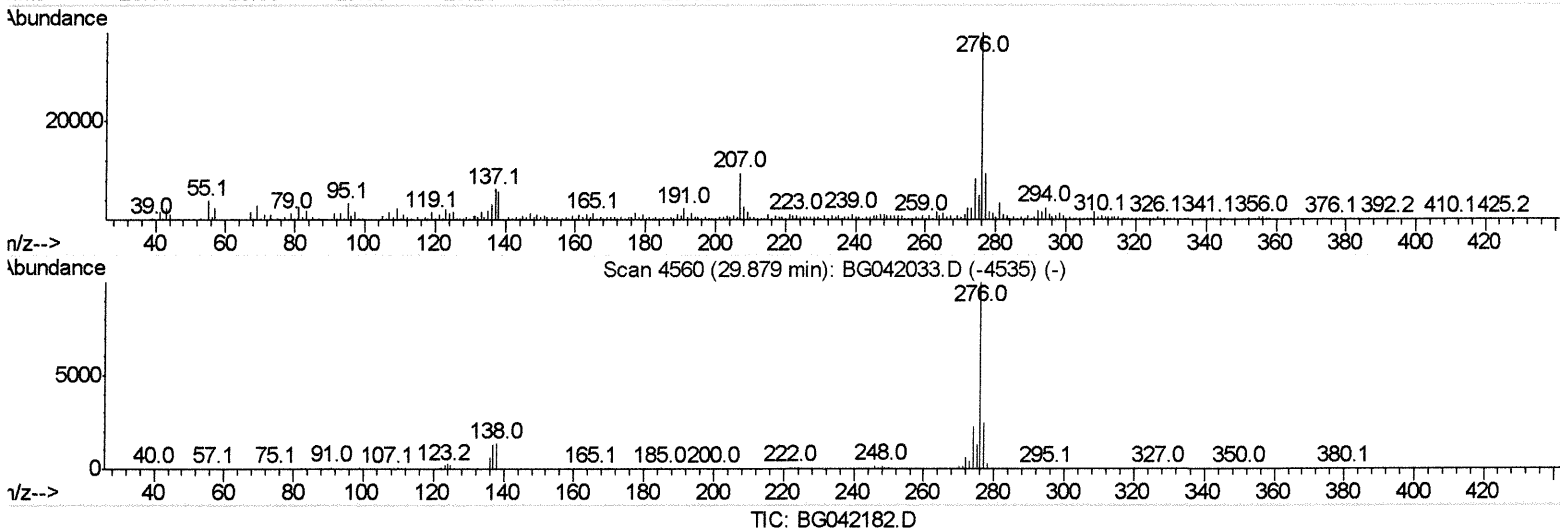
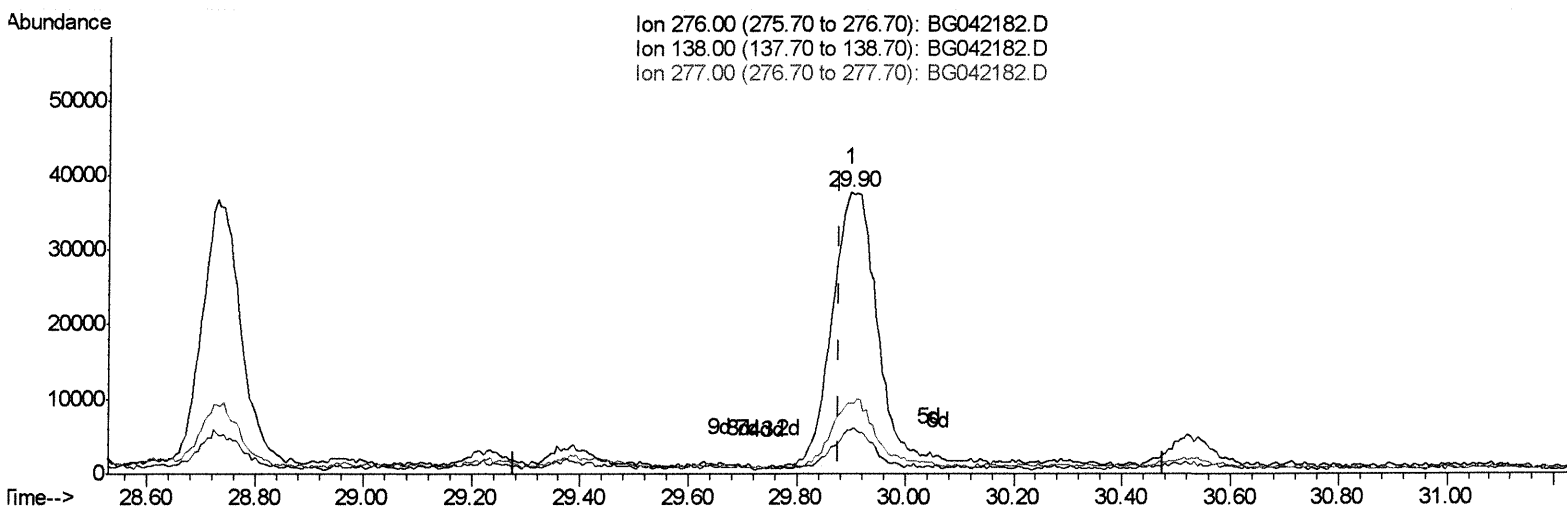
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 Sample : K4215-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB6

Manual Integrations
 APPROVED

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 Response via : Initial Calibration



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

29.897min (+0.020) 7.53ng/ul m *JU* *08/14/19*

response 212373

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	15.38
277.00	24.00	24.84
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042182.D
 Acq On : 13 Aug 2019 15:54
 Operator : HP/JU
 Sample : K4215-05
 Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	70934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	290462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	197786	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	396143	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	411113	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	484424	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.41	96	5334	3.29	ng/uL	0.00
5) Phenol-d5	7.18	99	134454	24.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	64134	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	120762	25.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	115367	24.68	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	60030	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	74462	29.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	143699	28.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	126416	22.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	428196	27.91	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	502550	28.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	49057	19.05	ng/ul	0.00
57) Fluorene-d10	15.68	176	381876	27.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	50979	20.06	ng/ul	0.00
70) Anthracene-d10	17.54	188	571343	30.06	ng/ul	0.00
78) Pyrene-d10	19.83	212	646086	28.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	755651	29.86	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.21	94	14303	2.489	ng/ul	99
28) Naphthalene	10.90	128	57479	3.871	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	18206	1.543	ng/ul	96
44) Dimethylphthalate	14.13	163	150091	9.854	ng/ul	98
49) Acenaphthene	14.74	153	21239	1.717	ng/ul	94
58) Fluorene	15.73	166	18790	1.264	ng/ul#	93
69) Phenanthrene	17.48	178	354034	16.325	ng/ul	99
71) Anthracene	17.57	178	38565	1.753	ng/ul	99
74) Carbazole	17.83	167	18479	1.014	ng/ul#	89
76) Fluoranthene	19.49	202	461419	18.414	ng/ul	96
79) Pyrene	19.86	202	524158	18.954	ng/ul	96
82) Benzo(a)anthracene	21.70	228	236213	8.287	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	93256	6.279	ng/ul	99
84) Chrysene	21.77	228	308416	11.593	ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	358284	11.786	ng/ul	99
88) Benzo(k)fluoranthene	24.01	252	117292m→	4.013	ng/ul→	99 8/14/19
90) Benzo(a)pyrene	24.84	252	260038	8.976	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	171183	5.066	ng/ul	98
92) Dibenzo(a,h)anthracene	28.77	278	53740m→	1.950	ng/ul→	99 8/14/19
93) Benzo(a,h,i)perylene	29.90	276	212373m→	7.528	ng/ul→	99

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