

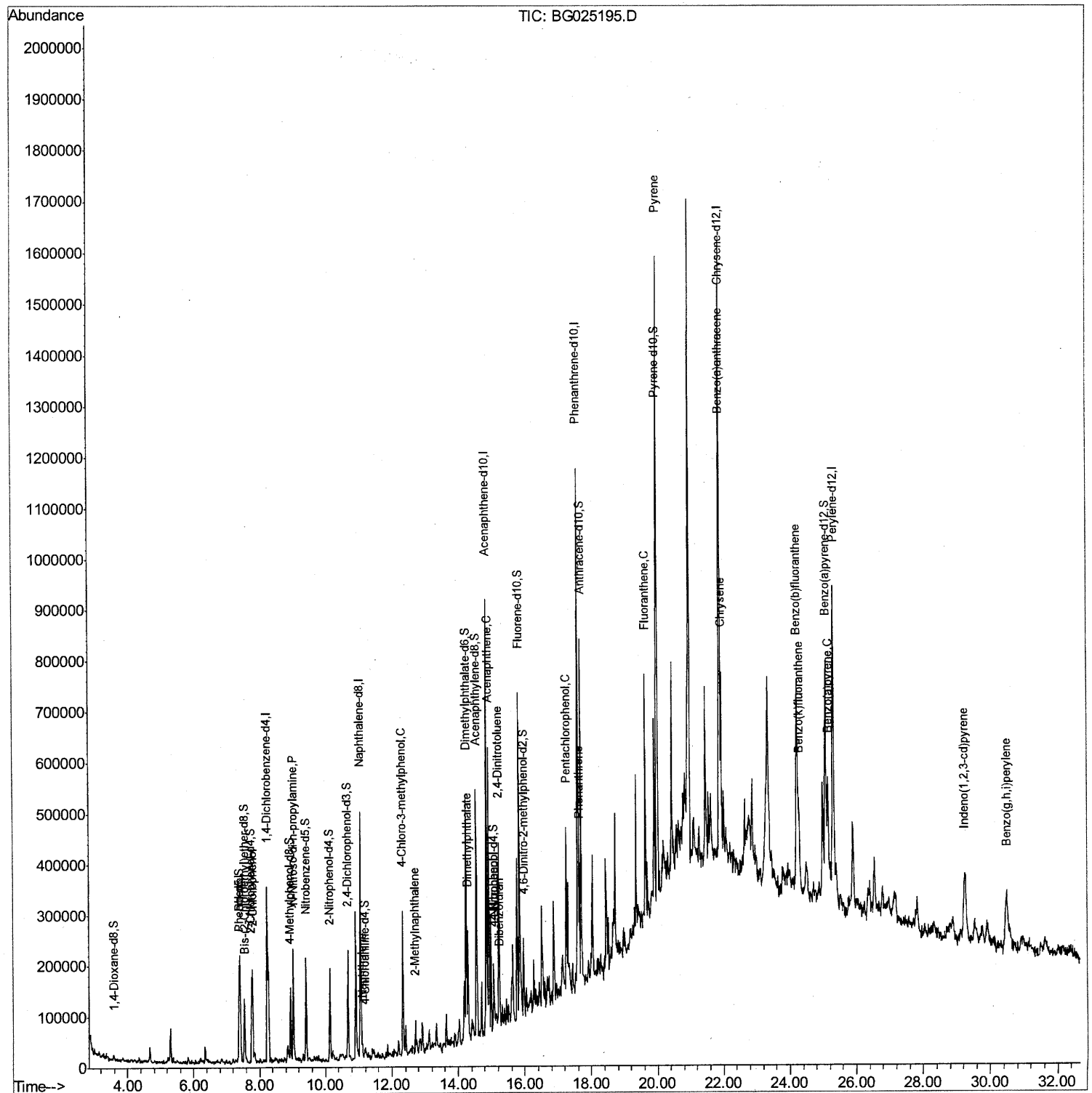
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
DA843MS

Manual Integrations
APPROVED

sohil
12/15/2016 5:44:42 PM

Quant Time: Dec 15 05:40:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



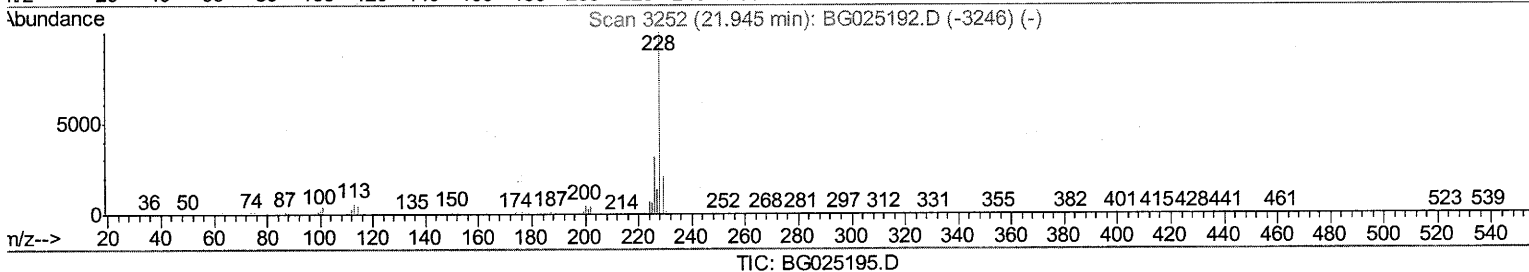
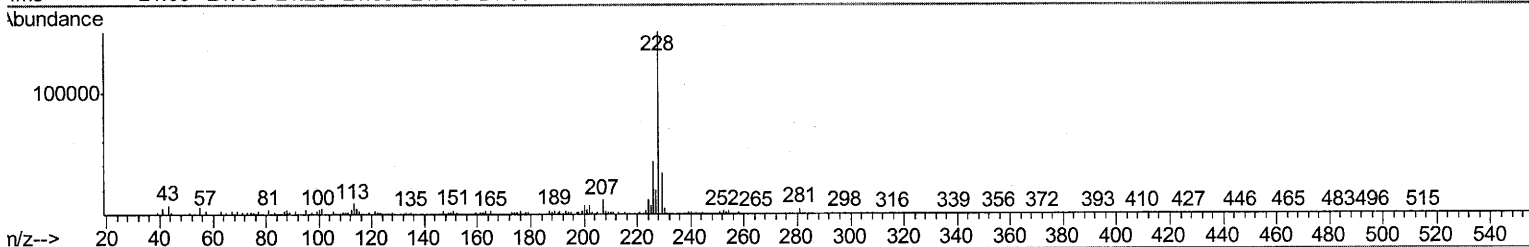
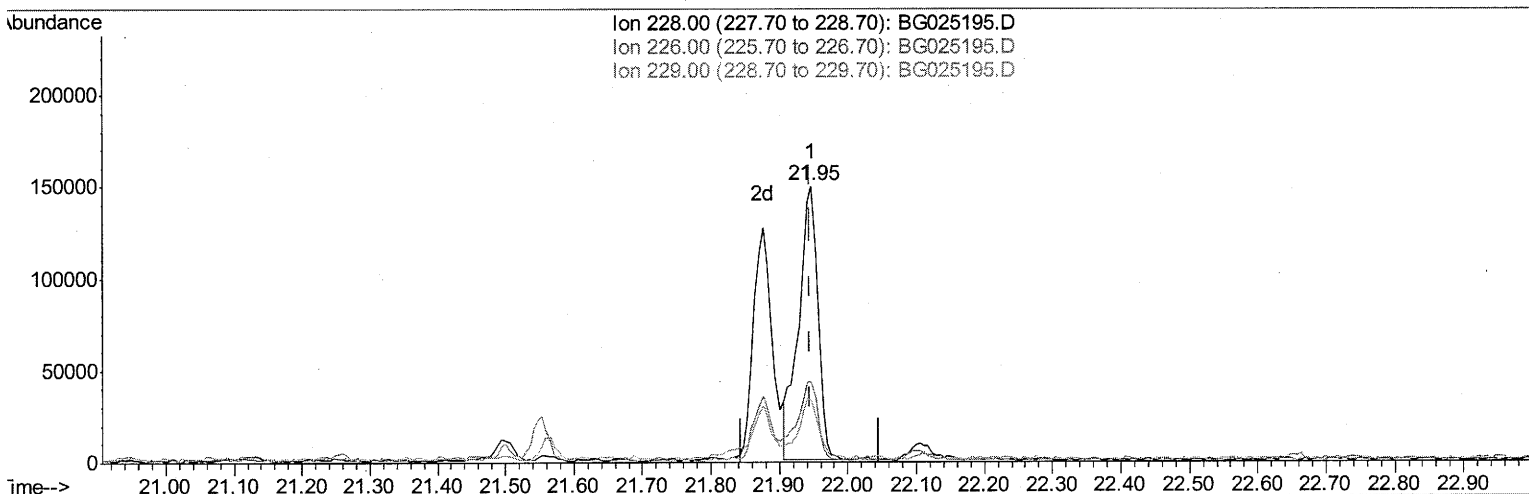
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Quant Time: Dec 15 05:02:11 2016
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(82) Chrysene

21.947min (+0.002) 7.87ng/ul

response 289980

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.16
229.00	21.10	22.94
0.00	0.00	0.00

Quantitation Report (Qedit)

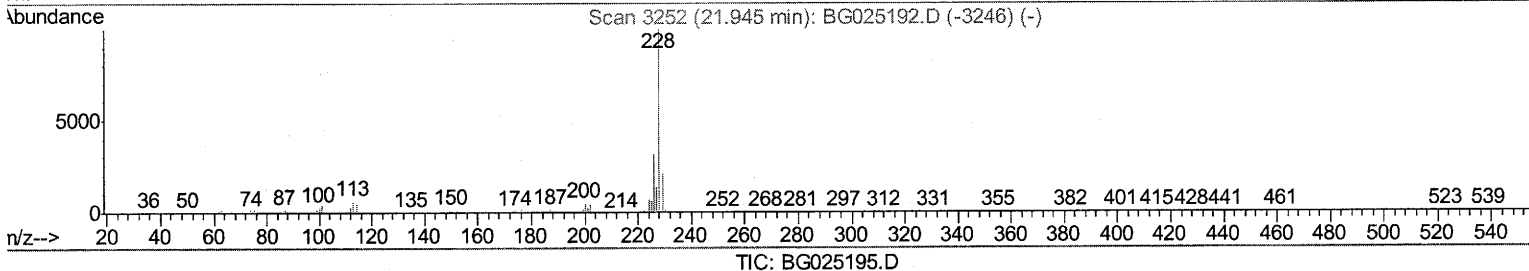
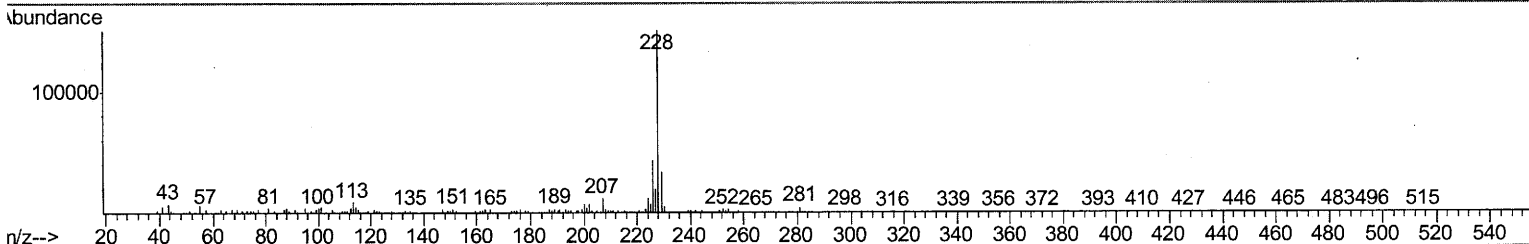
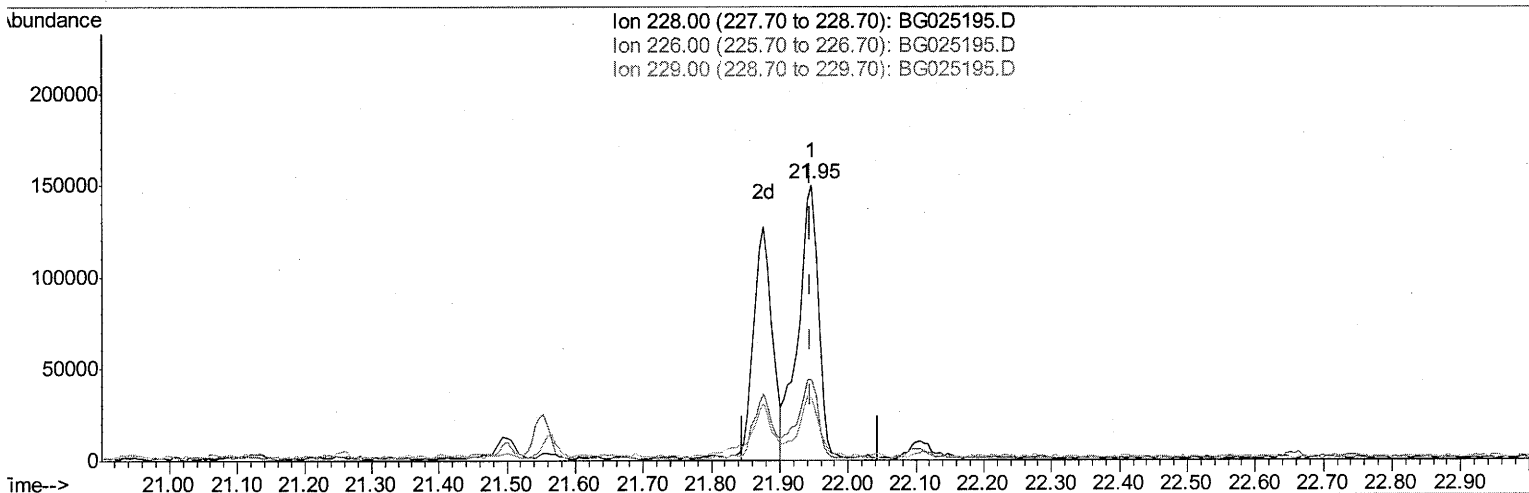
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(82) Chrysene

21.947min (+0.002) 8.45ng/ul m

response 311617

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.16
229.00	21.10	22.94
0.00	0.00	0.00

cm
 12/15/16

Quantitation Report (Qedit)

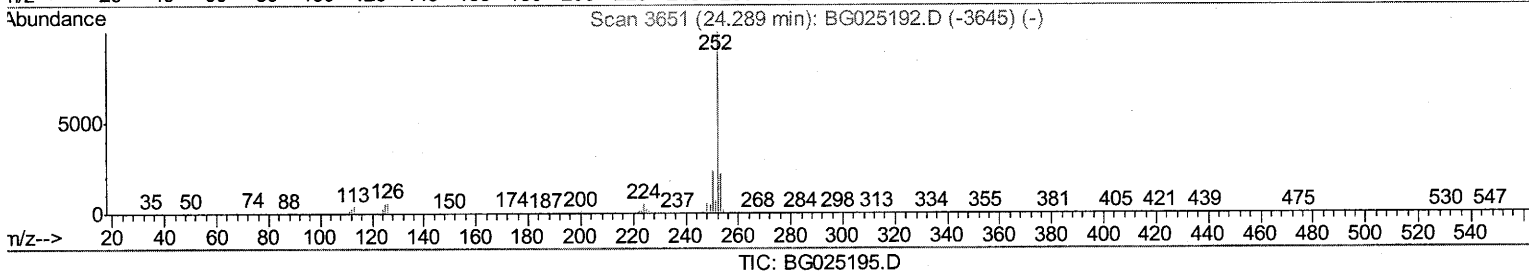
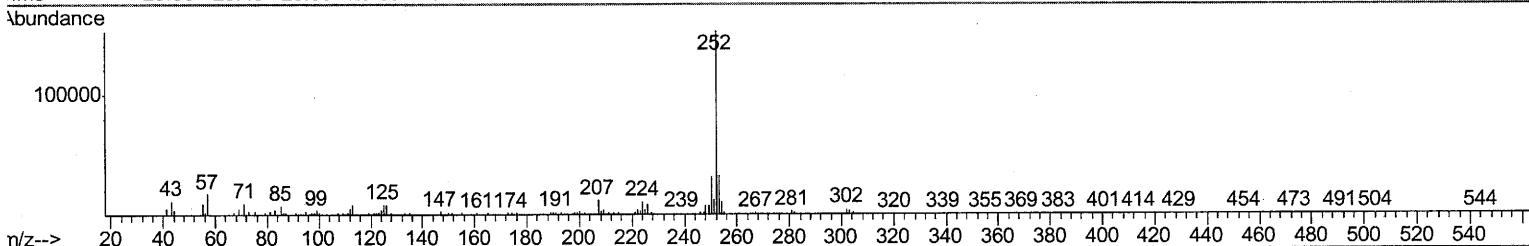
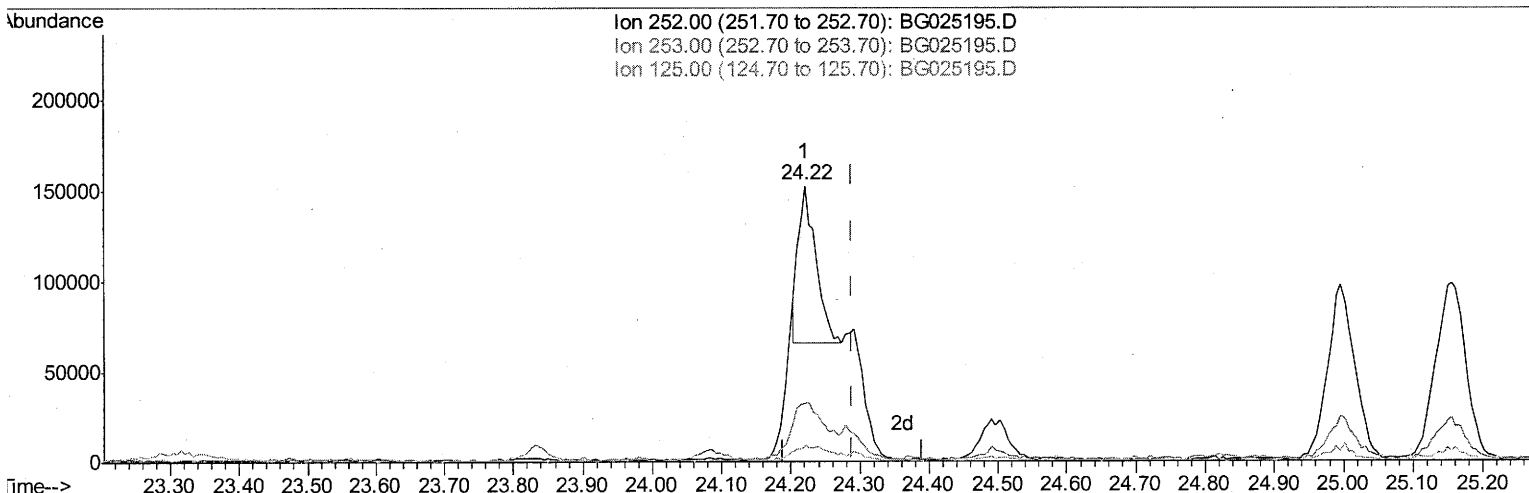
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Instrument :
 BNA_G
 ClientSampled :
 DA843MS

Manual Integrations
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 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.221min (-0.069) 4.20ng/ul

response 153845

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	21.24
125.00	5.10	5.79
0.00	0.00	0.00

Quantitation Report (Qedit)

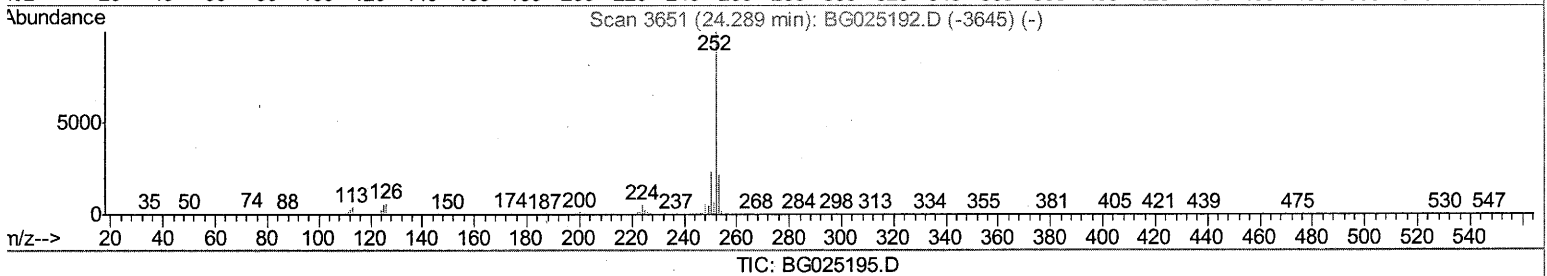
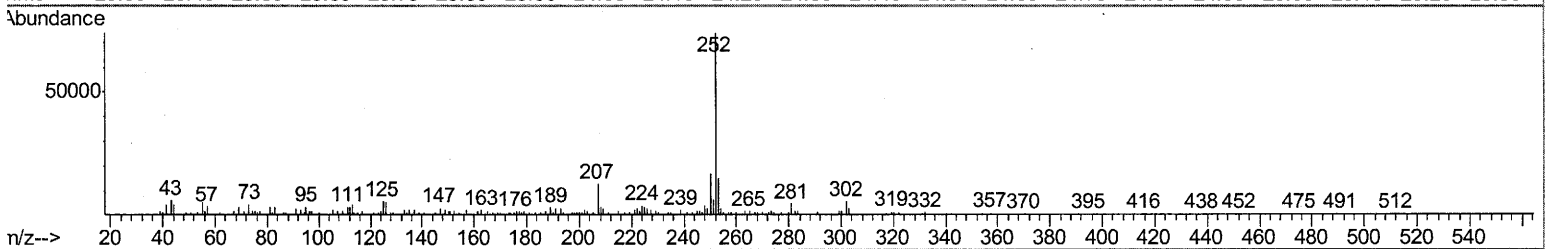
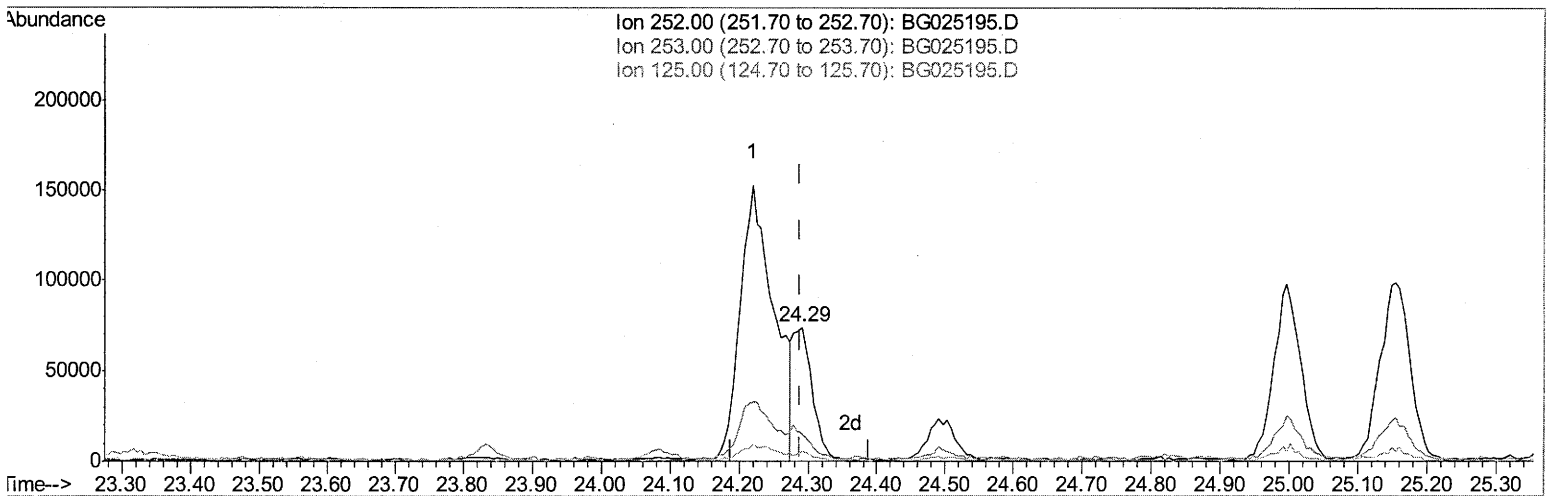
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Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA843MS

Manual Integrations
APPROVED

sohil
12/15/2016 5:44:42 PM

Quant Time: Dec 15 05:02:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.291min (+0.002) 3.95ng/ul m

response 144370

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	20.37
125.00	5.10	7.58#
0.00	0.00	0.00

cm
12/15/16

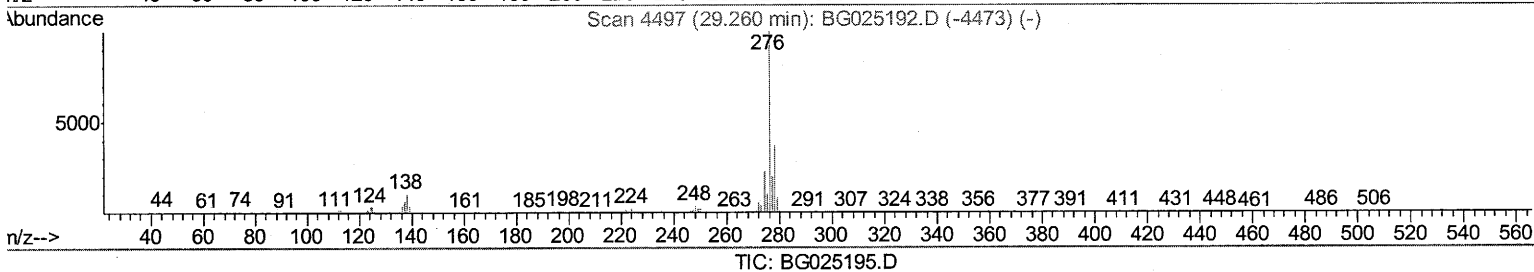
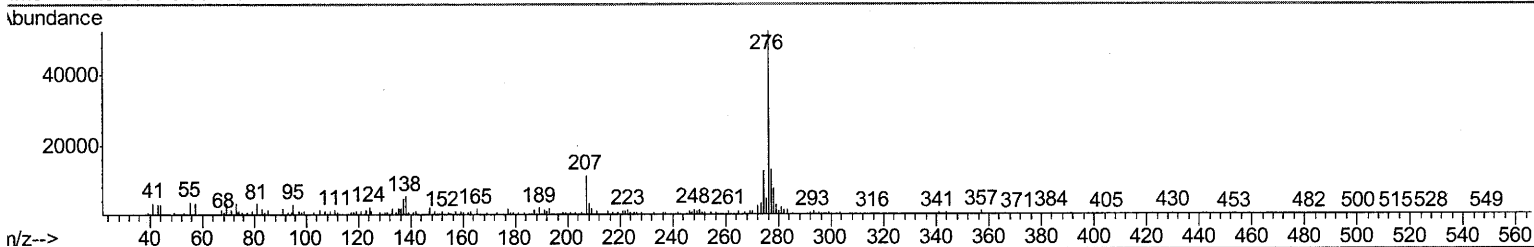
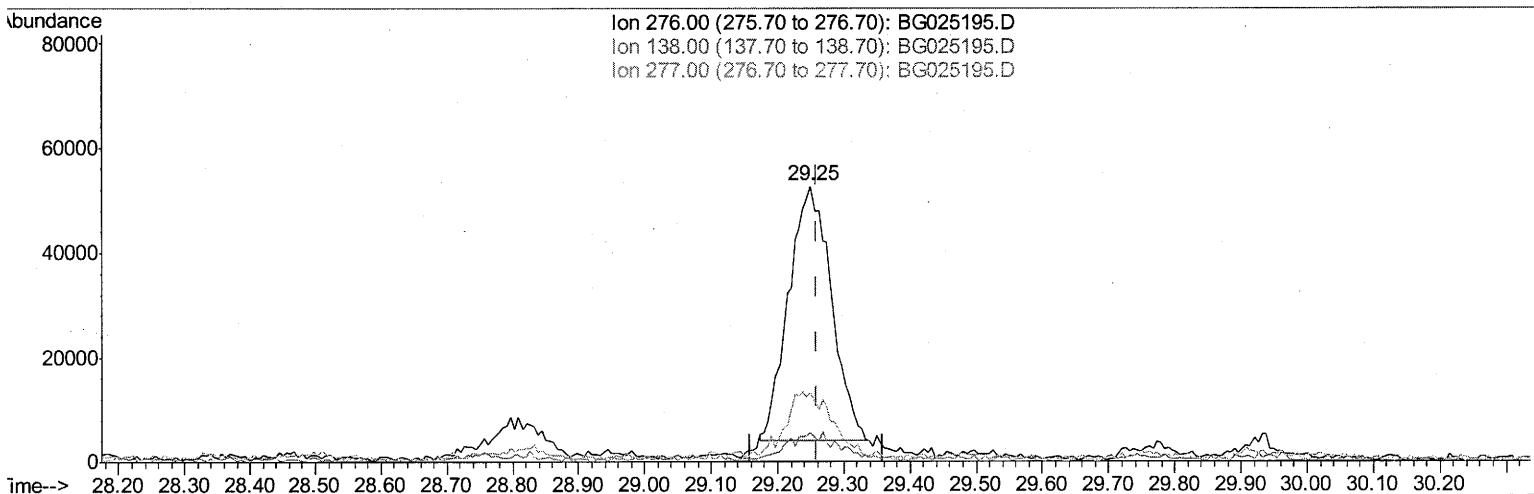
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA843MS

Manual Integrations
APPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



(89) Indeno(1,2,3-cd)pyrene

29.250min (-0.010) 4.72ng/ul

response 217195

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	10.38
277.00	23.30	24.86
0.00	0.00	0.00

Quantitation Report (Qedit)

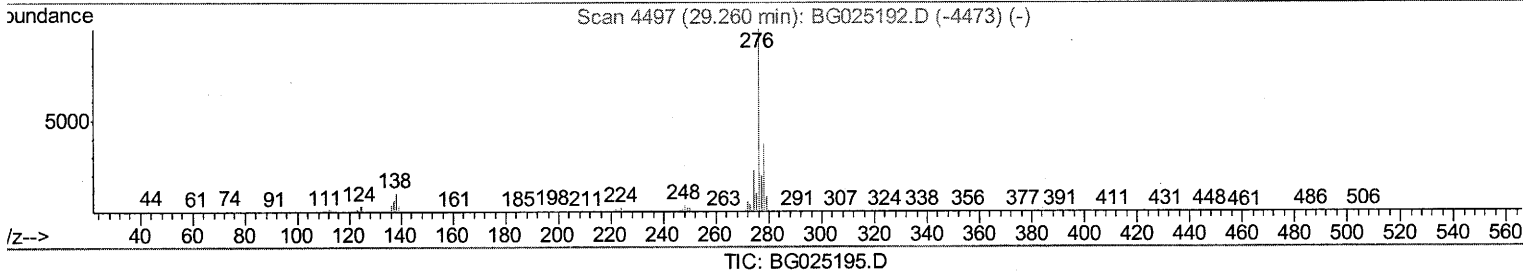
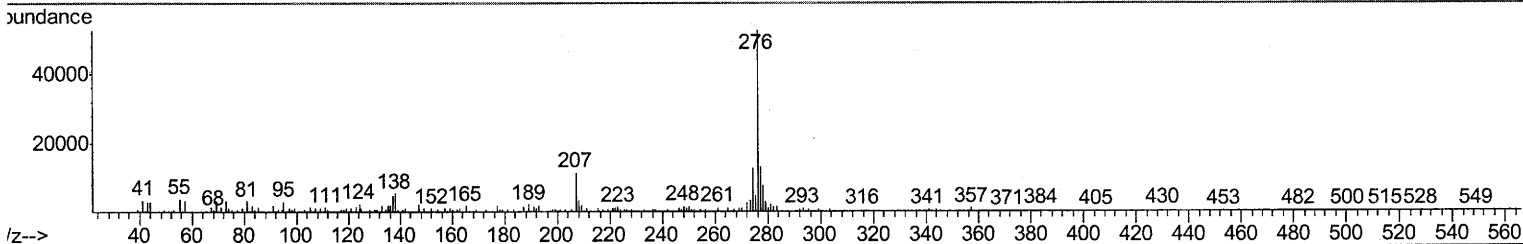
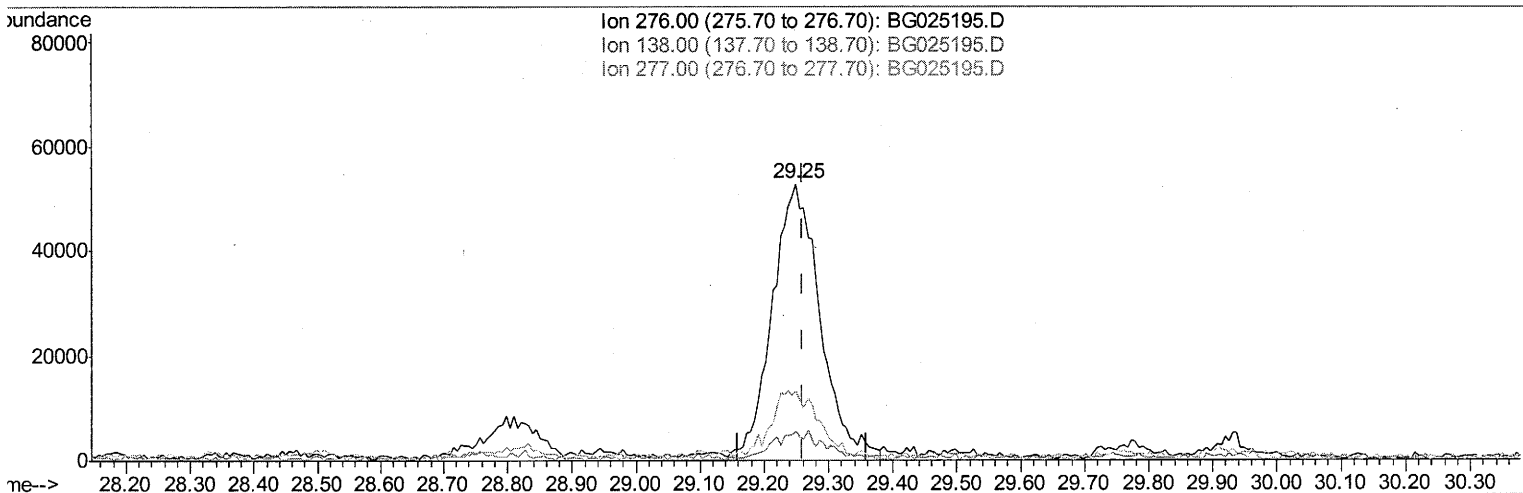
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025195.D
 Acq On : 15 Dec 2016 3:31
 Operator : UM/SJ
 Sample : H5970-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DA843MS

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:44:42 PM

Quant Time: Dec 15 05:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration



(89) Indeno(1,2,3-cd)pyrene

29.250min (-0.010) 5.86ng/ul m

response 269330

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	10.38
277.00	23.30	24.86
0.00	0.00	0.00

CM
 12/15/16

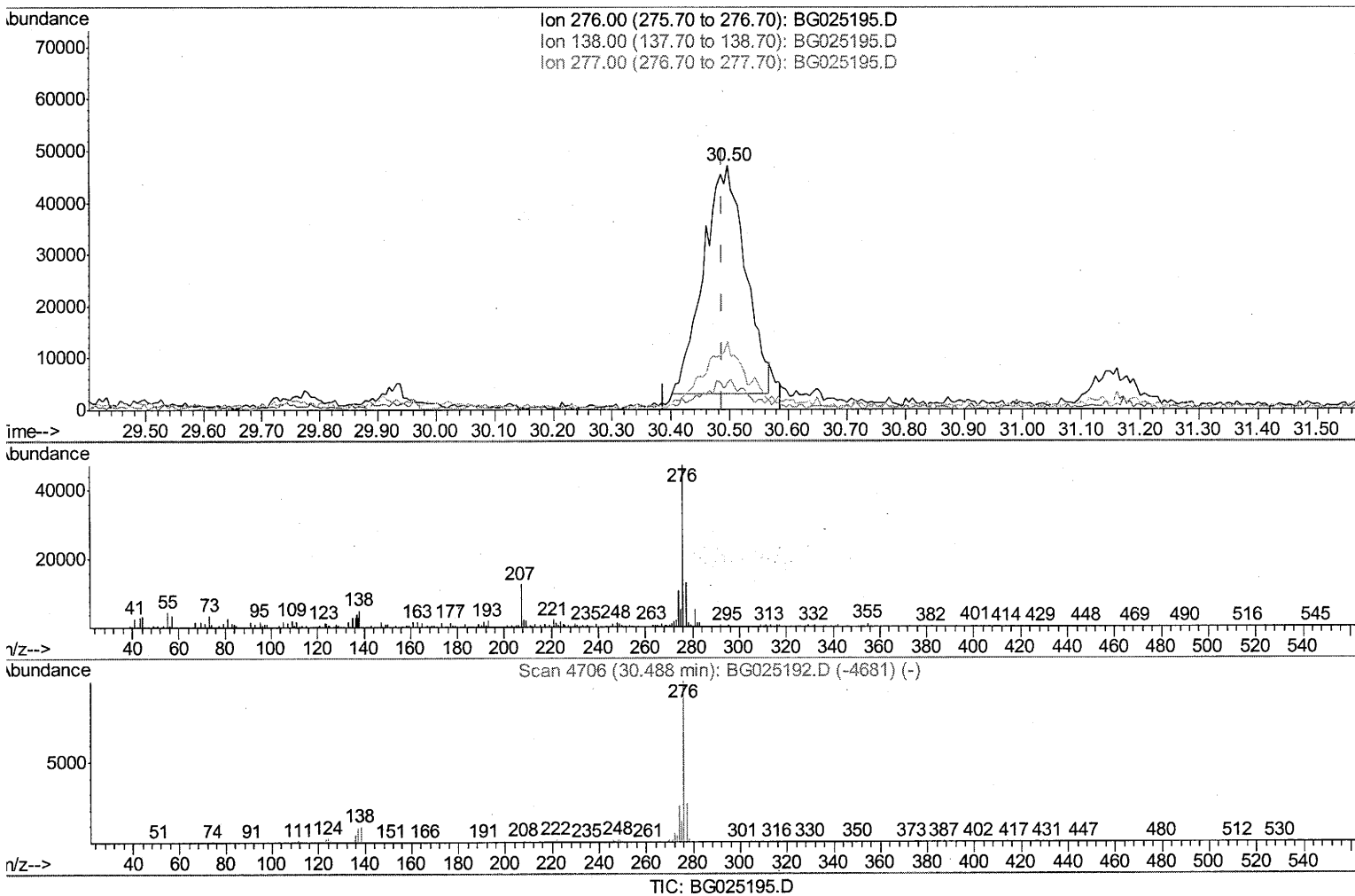
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA843MS

Manual Integrations
APPROVED

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12/15/2016 5:44:42 PM

Quant Time: Dec 15 05:02:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



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

30.496min (+0.008) 5.72ng/ul

response 219728

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.81
277.00	22.00	27.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

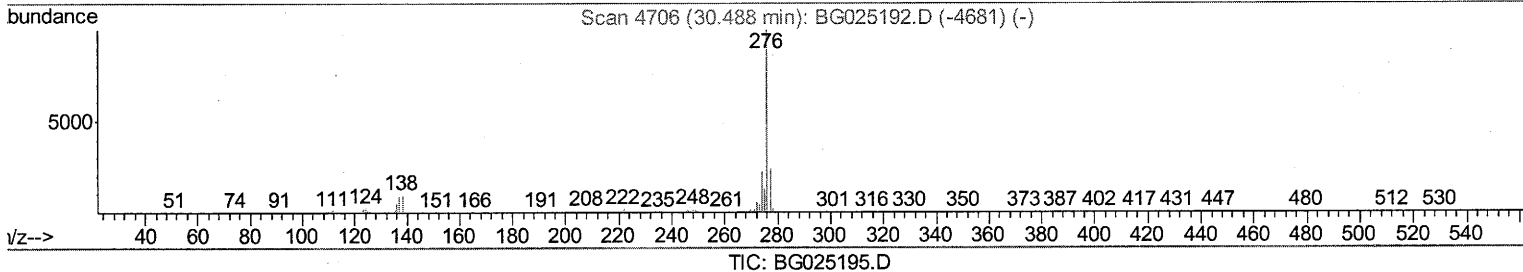
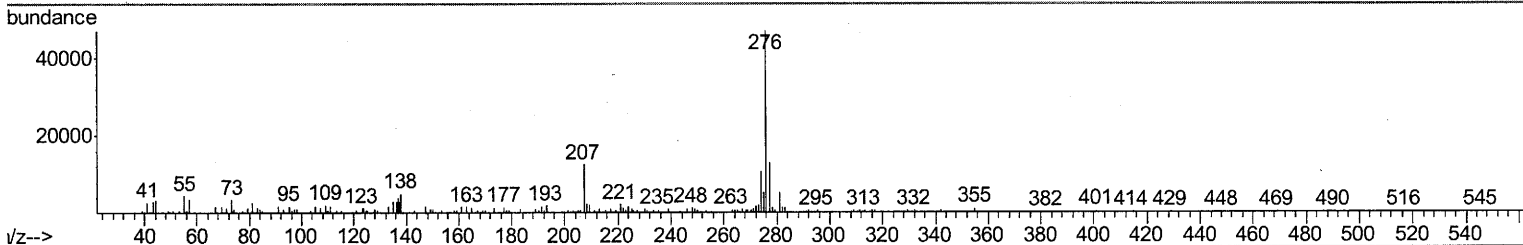
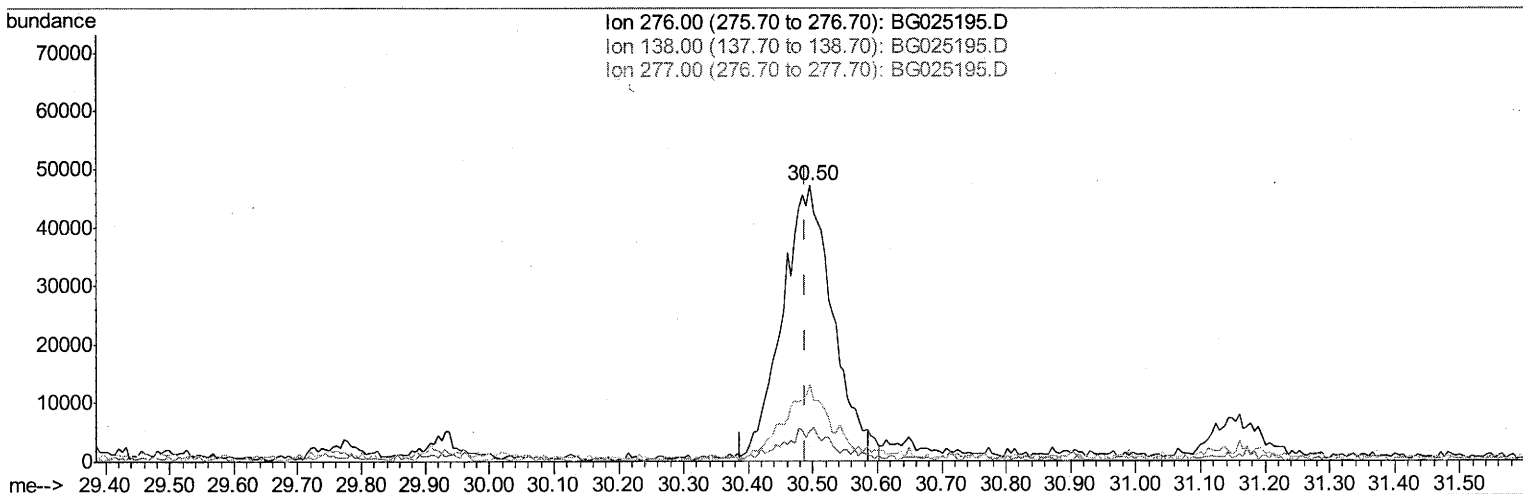
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025195.D
 Acq On : 15 Dec 2016 3:31
 Operator : UM/SJ
 Sample : H5970-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA843MS

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:44:42 PM

Quant Time: Dec 15 05:02:11 2016
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 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration



TIC: BG025195.D

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

30.496min (+0.008) 6.79ng/ul m

response 260615

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.81
277.00	22.00	27.53#
0.00	0.00	0.00

CM
 12/15/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	86269	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	394930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	320540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	625699	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	758645	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	776191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4204	2.52	ng/uL	0.00
5) Phenol-d5	7.39	99	75692	10.17	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.55	67	65700	14.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	65916	12.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	54949	8.83	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	38615	13.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	44155	12.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	79138	11.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	10161	1.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	304152	13.79	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	355717	14.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	14846	3.92	ng/ul	0.00
57) Fluorene-d10	15.84	176	269029	12.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	34822	9.00	ng/ul	0.00
70) Anthracene-d10	17.70	188	394080	14.92	ng/ul	0.00
76) Pyrene-d10	19.97	212	469822	15.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	460184	14.63	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.42	94	108567	14.21	ng/ul	97
10) 2-Chlorophenol	7.80	128	67082	12.82	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.03	70	79524	14.55	ng/ul#	97
28) Naphthalene	11.12	128	22703	1.24	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.33	107	102045	12.72	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	27614	1.91	ng/ul	99
44) Dimethylphthalate	14.30	163	113718	5.25	ng/ul	95
49) Acenaphthene	14.92	153	233790	14.54	ng/ul	97
52) 4-Nitrophenol	15.08	109	22130	4.86	ng/ul#	80
53) Dibenzofuran	15.25	168	26123	1.03	ng/ul	93
54) 2,4-Dinitrotoluene	15.23	165	89882	12.81	ng/ul#	90
68) Pentachlorophenol	17.25	266	53680	11.23	ng/ul	98
69) Phenanthrene	17.64	178	150650	5.04	ng/ul	94
74) Fluoranthene	19.64	202	309712	8.73	ng/ul	98
77) Pyrene	20.00	202	807211	22.13	ng/ul	98
80) Benzo(a)anthracene	21.88	228	235403	5.97	ng/ul	96
82) Chrysene	21.95	228	311617m	8.45	ng/ul	
85) Benzo(b)fluoranthene	24.22	252	509985	13.25	ng/ul	98
86) Benzo(k)fluoranthene	24.29	252	144370m	3.95	ng/ul	
88) Benzo(a)pyrene	25.15	252	296178	8.00	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.25	276	269330m	5.86	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	260615m	6.79	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed