

(QT Reviewed)

Instrument :
BNA_G
LabSampleId :
SSTD02015

umangi
12/20/2016 10:49:15 AM

[illegible]

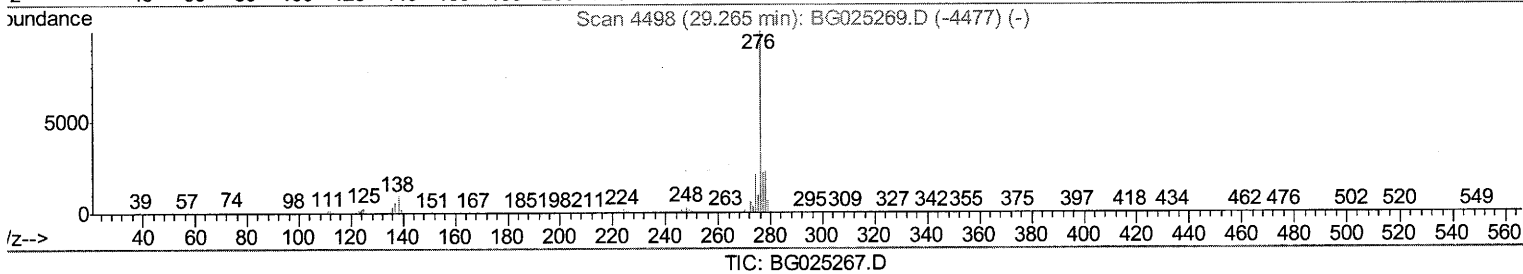
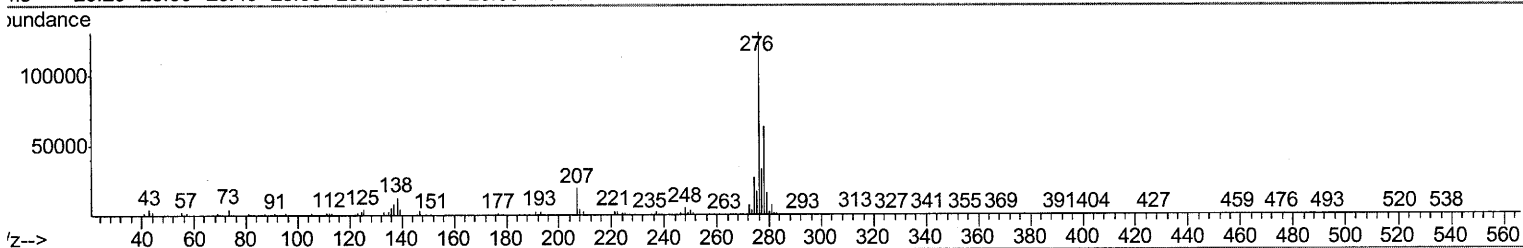
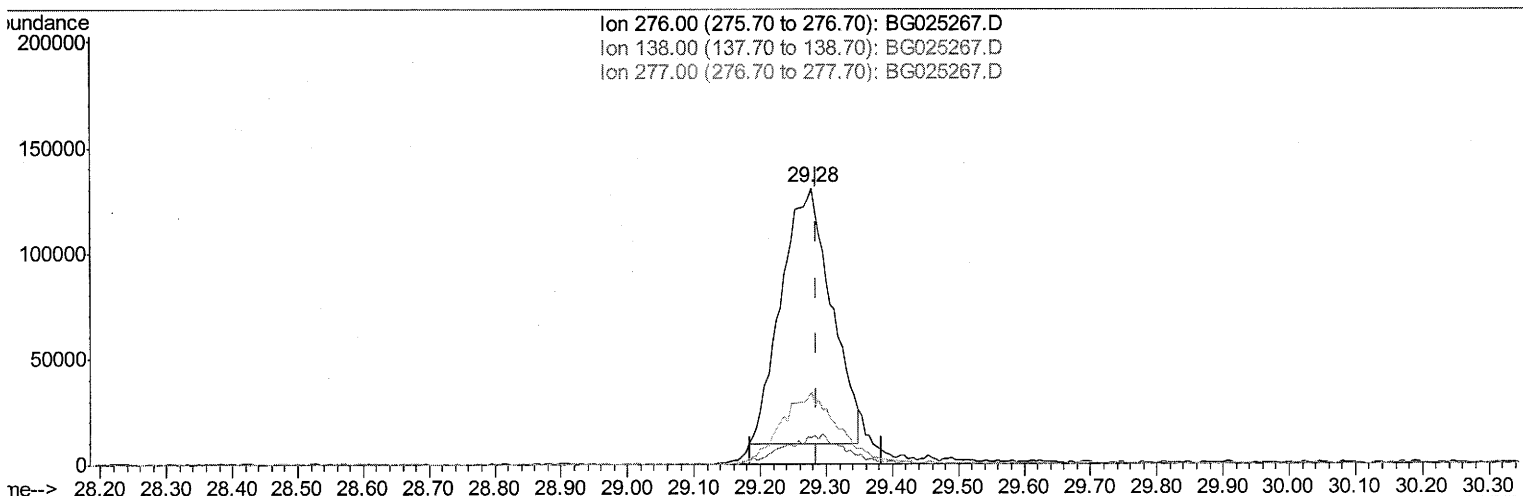
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025267.D
Acq On : 17 Dec 2016 9:46
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Dec 18 00:43:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:39:32 2016
Response via : Initial Calibration



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

29.277min (-0.008) 19.04ng/ul

response 635437

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.75
277.00	23.30	25.72
0.00	0.00	0.00

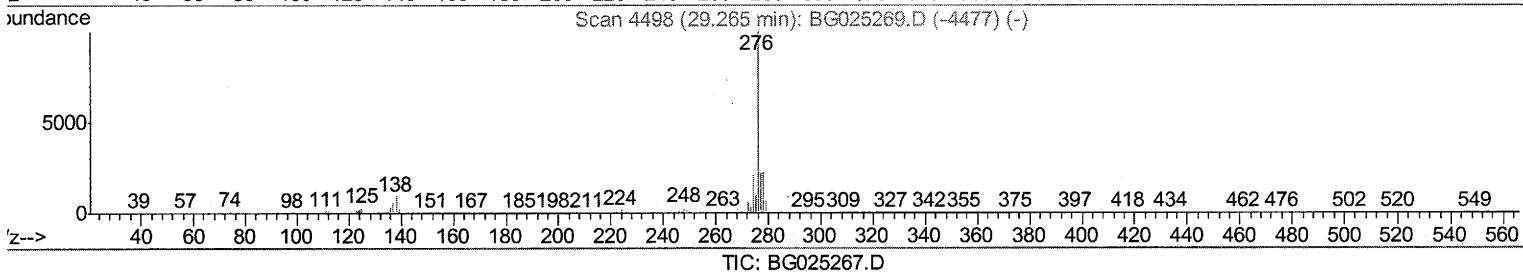
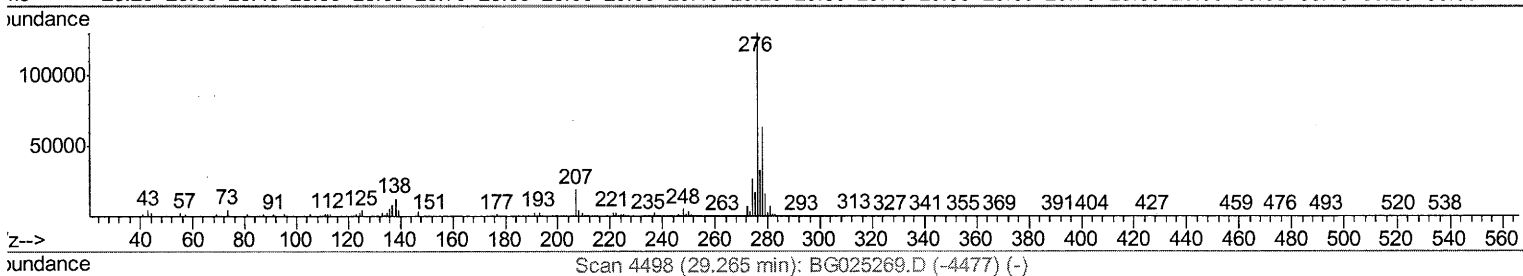
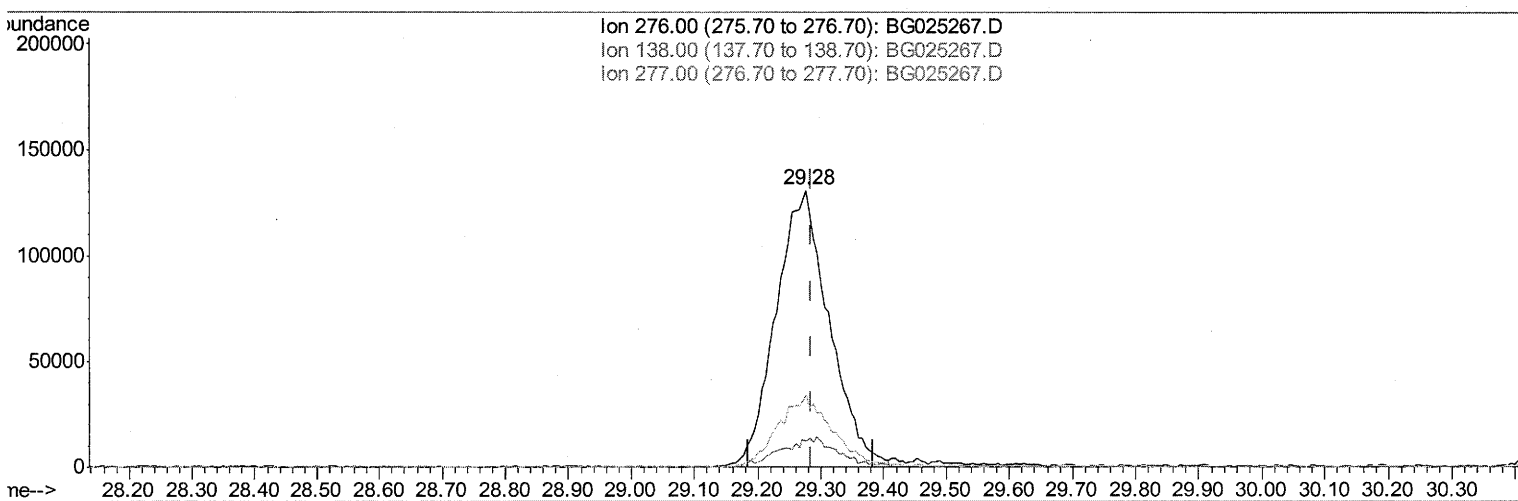
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(89) Indeno(1,2,3-cd)pyrene

29.277min (-0.008) 23.06ng/ul m

response 769450

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.75
277.00	23.30	25.72
0.00	0.00	0.00

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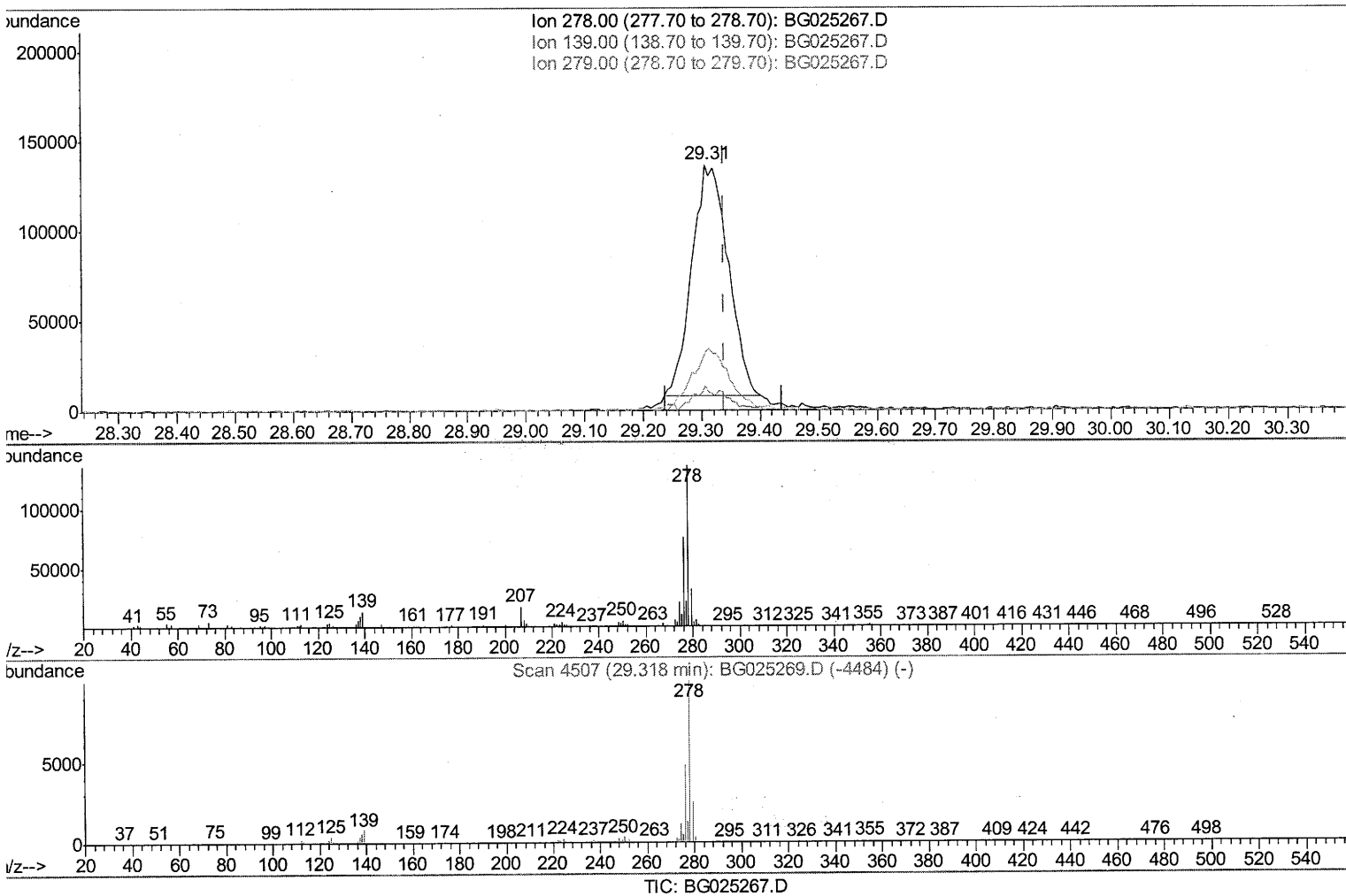
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(90) Dibenzo(a,h)anthracene

29.306min (-0.032) 19.67ng/ul

response 553164

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	9.98
279.00	26.10	23.62
0.00	0.00	0.00

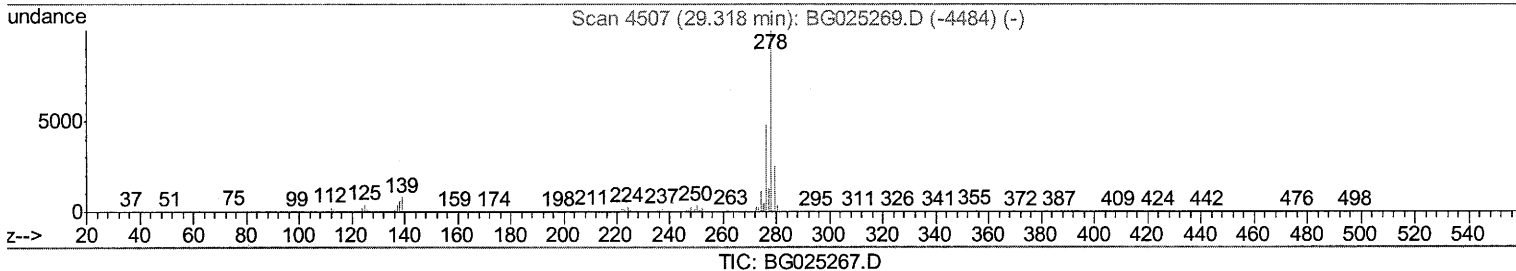
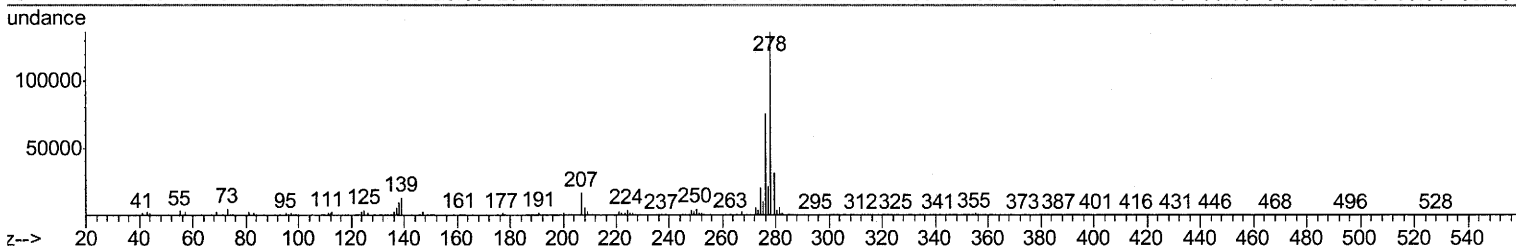
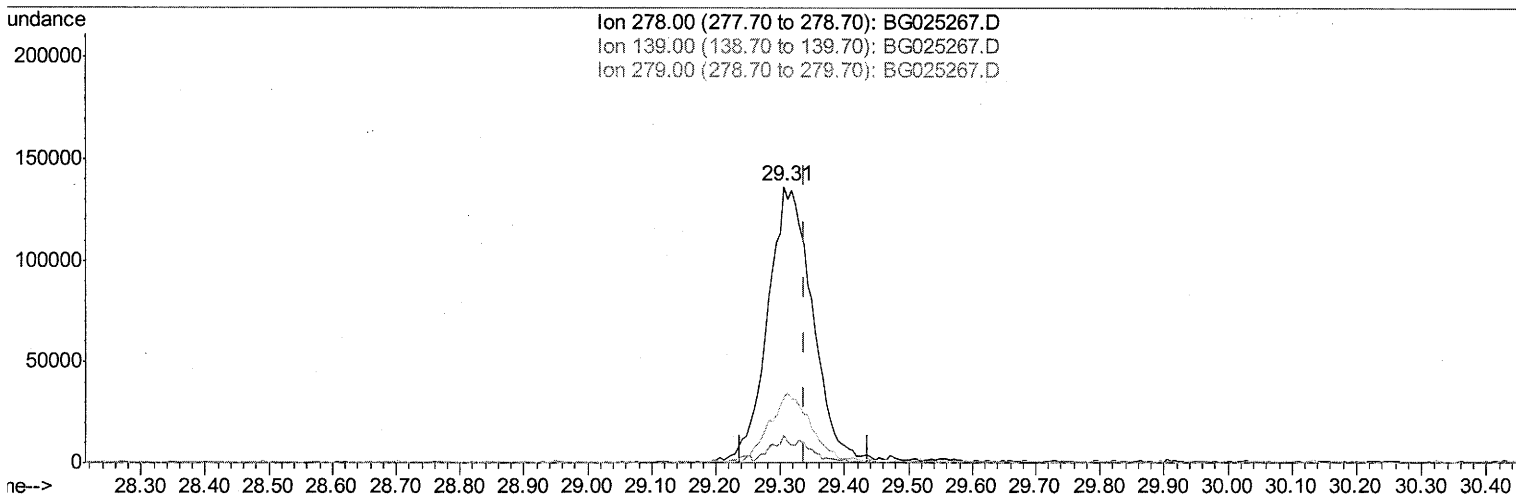
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(90) Dibenzo(a,h)anthracene

29.306min (-0.032) 23.07ng/ul m

response 648659

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	9.98
279.00	26.10	23.62
0.00	0.00	0.00

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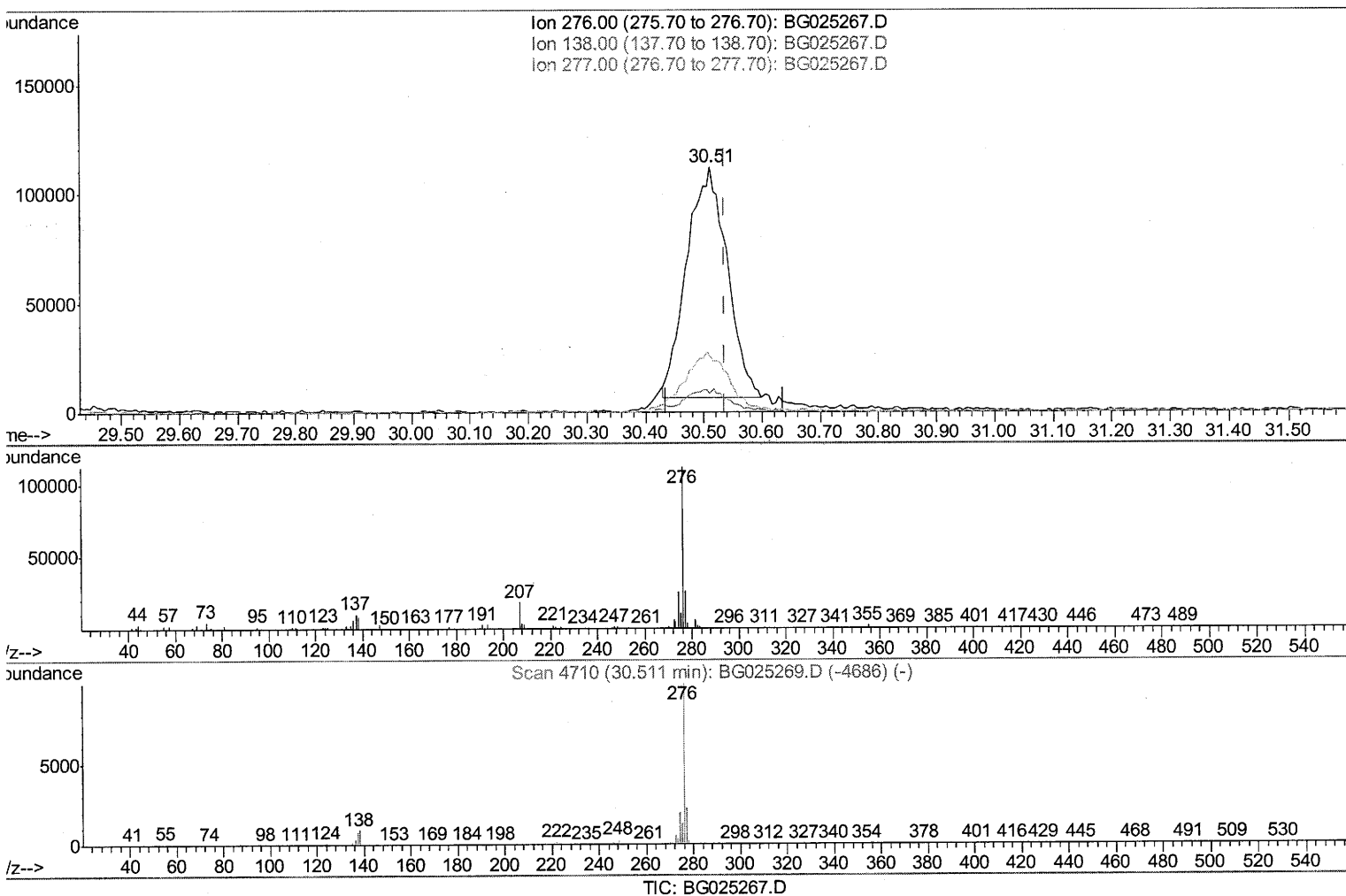
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(91) Benzo(g,h,i)perylene

30.511min (-0.026) 18.10ng/ul

response 504197

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	7.71#
277.00	22.00	23.36
0.00	0.00	0.00

Quantitation Report (Qedit)

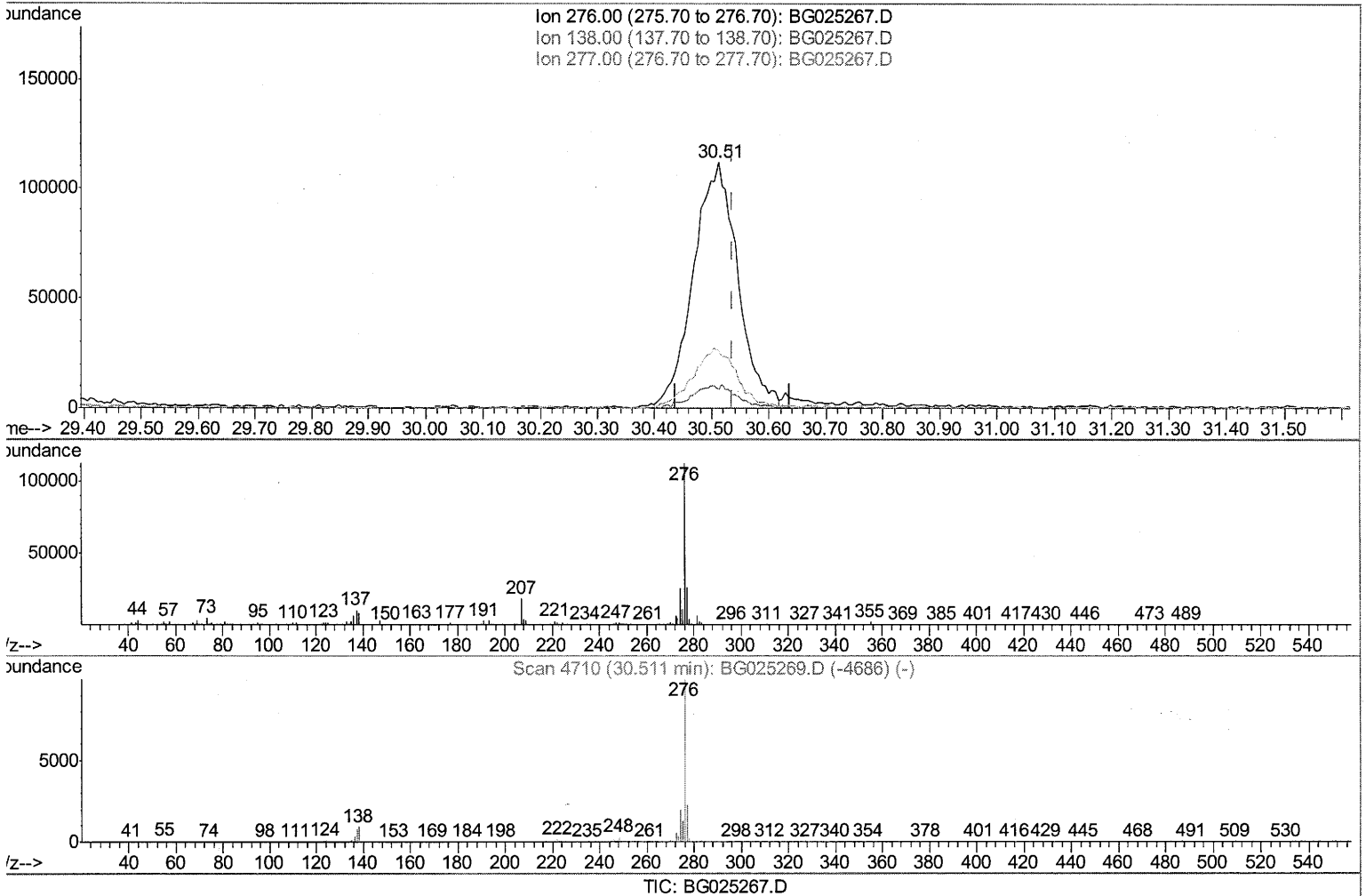
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Instrument :
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 LabSampled :
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(91) Benzo(g,h,i)perylene

30.511min (-0.026) 21.23ng/ul m

response 591405

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	7.71#
277.00	22.00	23.36
0.00	0.00	0.00

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Quant Time: Dec 18 02:05:47 2016
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 Quant Title : SVOA CALIBRATION
 Last Update : Sun Dec 18 00:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	56914	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	239164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	185771	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	415894	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	546814	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	563228	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	9629	8.74	ng/uL	0.00
5) Phenol-d5	7.39	99	107680	21.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	66622	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	78775	22.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	91319	22.26	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	38599	22.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	46215	21.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	89897	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	103276	25.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	278049	21.76	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	319745	22.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	51600	23.50	ng/ul	0.00
57) Fluorene-d10	15.85	176	268373	22.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	58697	22.83	ng/ul	0.00
70) Anthracene-d10	17.70	188	400094	22.79	ng/ul	0.00
76) Pyrene-d10	19.97	212	498878	22.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	524031	22.96	ng/ul	-0.01

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	11736	8.18	ng/uL	91
4) Benzaldehyde	7.37	77	86055	23.28	ng/ul	94
6) Phenol	7.42	94	114621	22.74	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.64	93	80756	21.90	ng/ul	93
10) 2-Chlorophenol	7.80	128	80525	23.33	ng/ul	87
11) 2-Methylphenol	8.68	108	82836	22.32	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.76	45	147094	23.46	ng/ul#	97
14) Acetophenone	9.07	105	133225	21.33	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.03	70	78652	21.81	ng/ul#	85
16) 4-Methylphenol	9.01	108	88685	21.48	ng/ul	94
17) Hexachloroethane	9.32	117	37838	24.74	ng/ul	97
20) Nitrobenzene	9.46	77	119628	22.99	ng/ul	100
21) Isophorone	9.98	82	213694	21.70	ng/ul	97
23) 2-Nitrophenol	10.18	139	48616	22.70	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	109901	22.44	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.45	93	110932	22.10	ng/ul#	91
27) 2,4-Dichlorophenol	10.71	162	91027	23.09	ng/ul	96
28) Naphthalene	11.11	128	244977	22.04	ng/ul	97
30) 4-Chloroaniline	11.23	127	103934	25.48	ng/ul	95
31) Hexachlorobutadiene	11.37	225	77422	22.84	ng/ul	96
32) Caprolactam	12.00	113	30223	18.46	ng/ul	91
33) 4-Chloro-3-methylphenol	12.34	107	106465	21.91	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	188537	21.49	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	133854	23.91	ng/ul	98
37) Hexachlorocyclopentadiene	13.02	237	38120	11.60	ng/ul	96
38) 2,4,6-Trichlorophenol	13.31	196	87153	24.78	ng/ul	97
39) 2,4,5-Trichlorophenol	13.39	196	91976	23.86	ng/ul	90
40) 1,1'-Biphenyl	13.69	154	261517	23.22	ng/ul	96
41) 2-Chloronaphthalene	13.74	162	205366	22.91	ng/ul	99
42) 2-Nitroaniline	13.96	65	88497	25.22	ng/ul	97
44) Dimethylphthalate	14.29	163	276882	22.05	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	58895	21.83	ng/ul#	90
47) Acenaphthylene	14.58	152	316631	23.27	ng/ul	95
48) 3-Nitroaniline	14.78	138	56106	24.01	ng/ul#	69
49) Acenaphthene	14.92	153	209955	22.52	ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	22305	12.72	ng/ul	87
52) 4-Nitrophenol	15.10	109	62669	23.72	ng/ul	98
53) Dibenzofuran	15.25	168	331063	22.45	ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	88054	21.65	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.48	232	95462	23.44	ng/ul	96
56) Diethylphthalate	15.65	149	273095	20.54	ng/ul	95
58) Fluorene	15.90	166	265220	22.10	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.88	204	151274	22.38	ng/ul#	84
60) 4-Nitroaniline	15.94	138	63406	22.50	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	16.00	198	64038	24.04	ng/ul#	89
64) N-Nitrosodiphenylamine	16.10	169	249463	23.32	ng/ul	91
65) 4-Bromophenyl-phenylether	16.77	248	113187	24.09	ng/ul	96
66) Hexachlorobenzene	16.90	284	121636	23.00	ng/ul	93
67) Atrazine	17.04	200	110677	21.76	ng/ul	93
68) Pentachlorophenol	17.26	266	68544	21.58	ng/ul#	81
69) Phenanthrene	17.64	178	456990	23.02	ng/ul	98
71) Anthracene	17.74	178	474744	23.26	ng/ul	98
72) Carbazole	18.01	167	418225	24.56	ng/ul	95
73) Di-n-butylphthalate	18.52	149	485429	22.58	ng/ul	98
74) Fluoranthene	19.64	202	585383	24.82	ng/ul	98
77) Pyrene	20.01	202	578833	22.02	ng/ul#	95
78) Butylbenzylphthalate	20.85	149	237383	23.07	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.78	252	256803	26.94	ng/ul	96
80) Benzo(a)anthracene	21.87	228	660243	23.24	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	316313	22.33	ng/ul	96
82) Chrysene	21.94	228	619054	23.30	ng/ul	98
84) Di-n-octyl phthalate	22.98	149	549506	24.03	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	632391	22.64	ng/ul	98
86) Benzo(k)fluoranthene	24.29	252	631924	23.80	ng/ul	96
88) Benzo(a)pyrene	25.16	252	619807	23.08	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.28	276	769450m	23.06	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	648659m	23.07	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	591405m	21.23	ng/ul	

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